

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016080.D
 Acq On : 26 Oct 2023 13:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

Quant Time: Oct 27 03:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	223579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	325642	146.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 292.960%#			
35) Dibromofluoromethane	7.716	113	333796	147.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 295.240%#			
50) Toluene-d8	10.179	98	1267714	151.358	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 302.720%#			
62) 4-Bromofluorobenzene	12.483	95	431726	150.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 300.540%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	217728	141.106	ug/l	98
3) Chloromethane	2.113	50	260613	137.834	ug/l	97
4) Vinyl Chloride	2.247	62	309596	143.329	ug/l	97
5) Bromomethane	2.625	94	228706	142.449	ug/l	99
6) Chloroethane	2.784	64	206092	139.294	ug/l	96
7) Trichlorofluoromethane	3.119	101	484556	140.180	ug/l	100
8) Diethyl Ether	3.528	74	162465	140.228	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	292122	140.089	ug/l	95
10) Methyl Iodide	4.088	142	385434	144.658	ug/l	97
11) Tert butyl alcohol	4.954	59	148988	743.781	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	271268	141.988	ug/l	90
13) Acrolein	3.729	56	187162	675.926	ug/l	99
14) Allyl chloride	4.472	41	428942	143.626	ug/l #	92
15) Acrylonitrile	5.155	53	400760	705.113	ug/l	98
16) Acetone	3.942	43	405243	672.506	ug/l #	89
17) Carbon Disulfide	4.192	76	746544	141.264	ug/l	98
18) Methyl Acetate	4.472	43	301113	141.334	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	791726	145.315	ug/l	99
20) Methylene Chloride	4.710	84	318968	147.317	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	313477	141.549	ug/l	94
22) Diisopropyl ether	6.119	45	926280	141.840	ug/l	89
23) Vinyl Acetate	6.058	43	2515649	718.978	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	556910	141.550	ug/l	97
25) 2-Butanone	6.984	43	552706	679.599	ug/l	93
26) 2,2-Dichloropropane	6.978	77	512702	140.180	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	368737	141.778	ug/l	93
28) Bromochloromethane	7.332	49	232494	144.445	ug/l	89
29) Tetrahydrofuran	7.344	42	326953	700.668	ug/l	89
30) Chloroform	7.502	83	588437	141.583	ug/l	98
31) Cyclohexane	7.783	56	469545	134.250	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	527134	141.400	ug/l	97
36) 1,1-Dichloropropene	7.917	75	446638	141.706	ug/l	99
37) Ethyl Acetate	7.076	43	228119	141.205	ug/l #	95
38) Carbon Tetrachloride	7.899	117	480081	144.036	ug/l	99
39) Methylcyclohexane	9.179	83	565929	147.388	ug/l	93
40) Benzene	8.161	78	1267443	142.033	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	123784	146.407	ug/l	95
42) 1,2-Dichloroethane	8.234	62	362128	140.443	ug/l	94
43) Isopropyl Acetate	8.271	43	437846	144.954	ug/l #	92
44) Trichloroethene	8.941	130	357543	143.491	ug/l	96
45) 1,2-Dichloropropane	9.216	63	323187	143.098	ug/l	96
46) Dibromomethane	9.307	93	188405	142.272	ug/l	97
47) Bromodichloromethane	9.496	83	459615	143.510	ug/l	98
48) Methyl methacrylate	9.295	41	204979	147.298	ug/l	86
49) 1,4-Dioxane	9.295	88	47681	2877.847	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	1137887	713.920	ug/l	90
52) Toluene	10.246	92	824542	143.894	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	479121	146.296	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	547109	147.722	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	264972	140.827	ug/l	97
56) Ethyl methacrylate	10.508	69	365888	151.313	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	445692	141.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	905173	751.932	ug/l	95
59) 2-Hexanone	10.831	43	829662	706.643	ug/l	87
60) Dibromochloromethane	10.984	129	333081	144.561	ug/l	100
61) 1,2-Dibromoethane	11.087	107	257897	143.142	ug/l	99
64) Tetrachloroethene	10.721	164	305957	144.966	ug/l	97
65) Chlorobenzene	11.514	112	890241	142.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	337948	144.385	ug/l	98
67) Ethyl Benzene	11.593	91	1622935	145.786	ug/l	98
68) m/p-Xylenes	11.703	106	1249500	290.035	ug/l	95
69) o-Xylene	12.032	106	602844	146.166	ug/l	96
70) Styrene	12.044	104	1012611	147.289	ug/l	97
71) Bromoform	12.209	173	207764	145.723	ug/l #	99
73) Isopropylbenzene	12.331	105	1593528	148.439	ug/l	100
74) N-amyl acetate	12.142	43	393785	150.436	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	314668	143.392	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	223363m	142.445	ug/l	
77) Bromobenzene	12.611	156	361848	144.426	ug/l	99
78) n-propylbenzene	12.672	91	1898639	146.068	ug/l	99
79) 2-Chlorotoluene	12.758	91	1058617	145.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1309432	146.914	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	109213	152.393	ug/l	91
82) 4-Chlorotoluene	12.855	91	1089852	144.359	ug/l	99
83) tert-Butylbenzene	13.075	119	1170113	147.694	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	1294887	147.102	ug/l	98
85) sec-Butylbenzene	13.251	105	1726108	146.282	ug/l	100
86) p-Isopropyltoluene	13.367	119	1444888	146.746	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	727997	143.901	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	713959	142.794	ug/l	99
89) n-Butylbenzene	13.696	91	1362174	148.307	ug/l	96
90) Hexachloroethane	13.959	117	282944	147.601	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	644539	143.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	49739	144.374	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	423423	152.799	ug/l	99
94) Hexachlorobutadiene	15.111	225	237428	147.623	ug/l	97
95) Naphthalene	15.233	128	861585	159.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	365478	152.937	ug/l	99

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

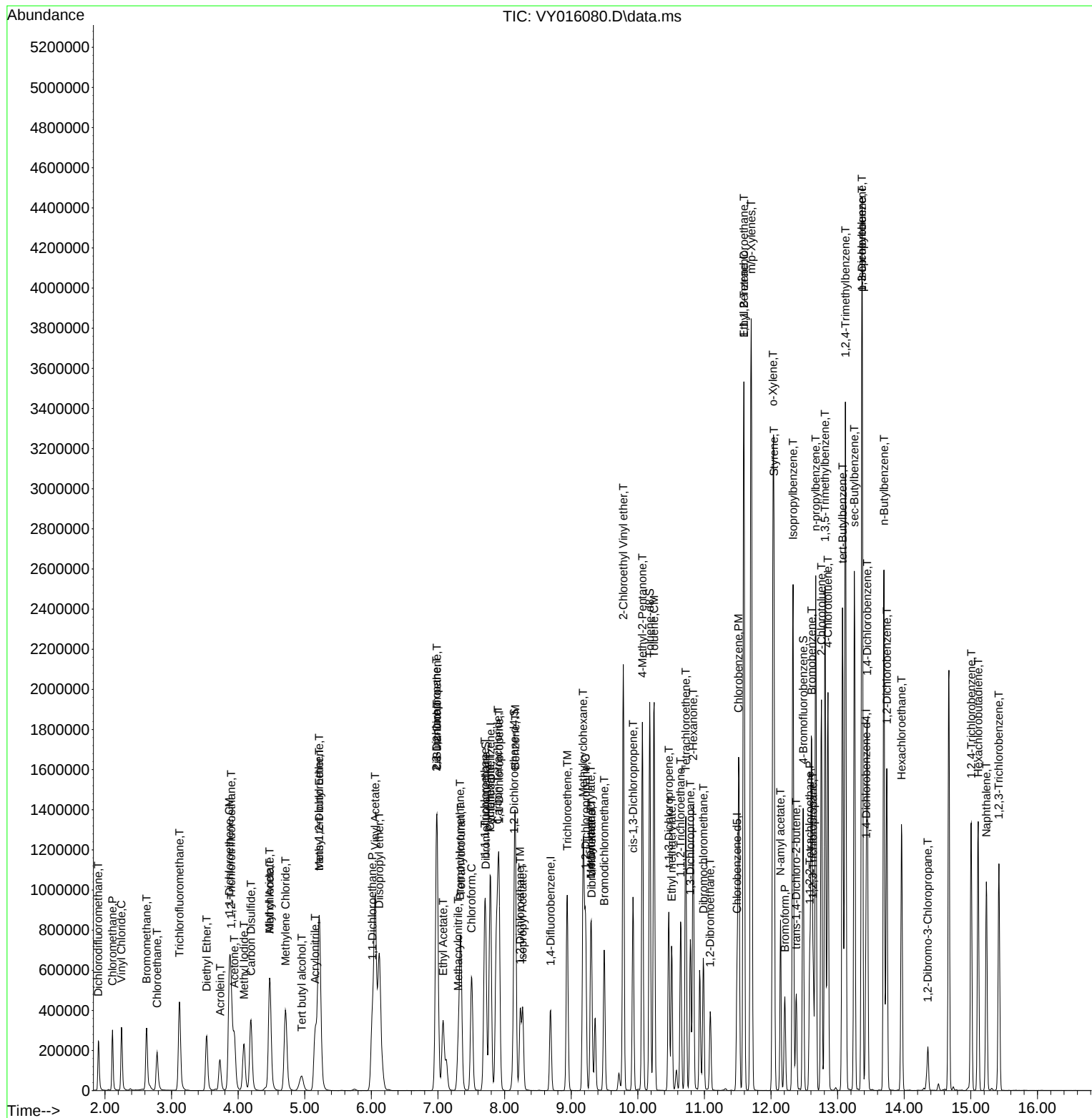
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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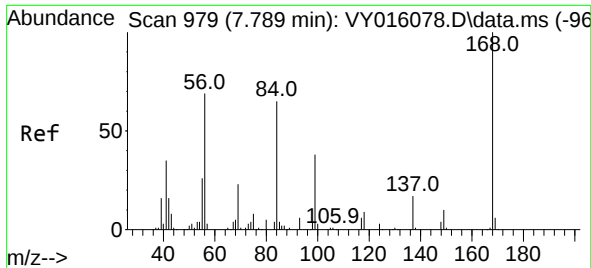
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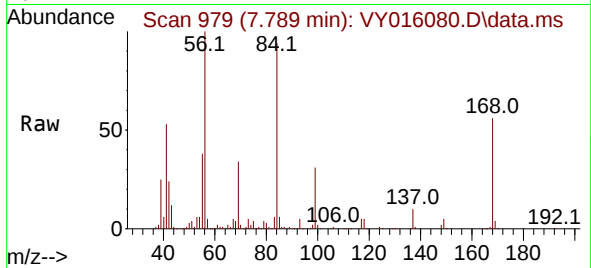
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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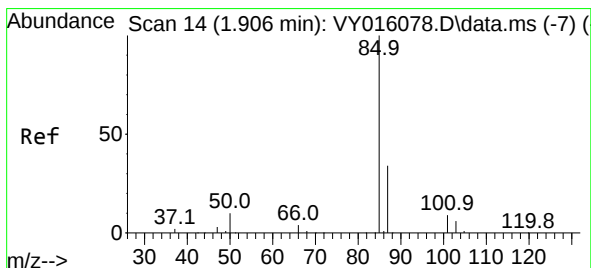
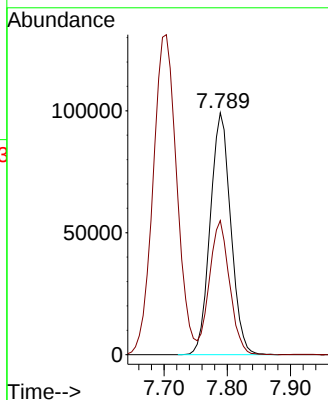
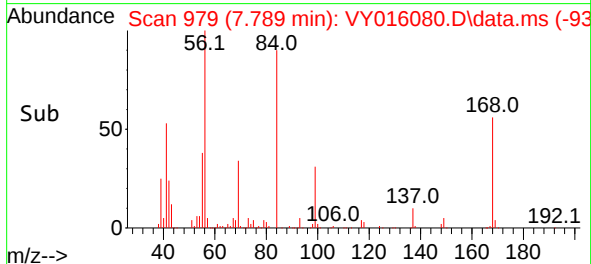
Instrument :
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ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 223579
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0

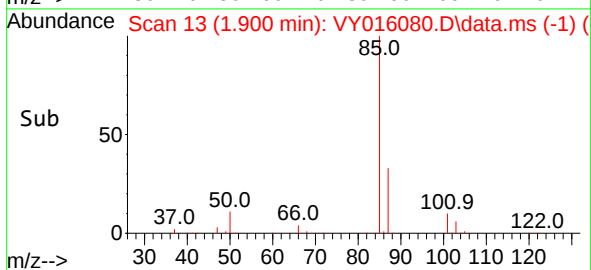
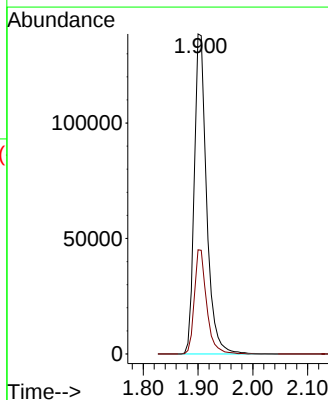
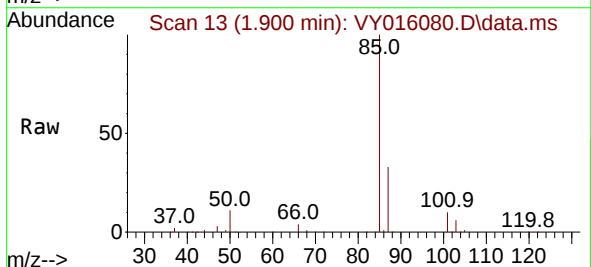
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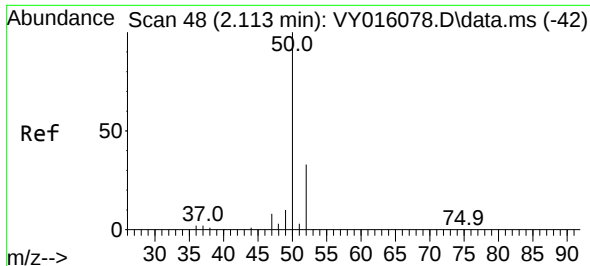
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#2
Dichlorodifluoromethane
Concen: 141.106 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

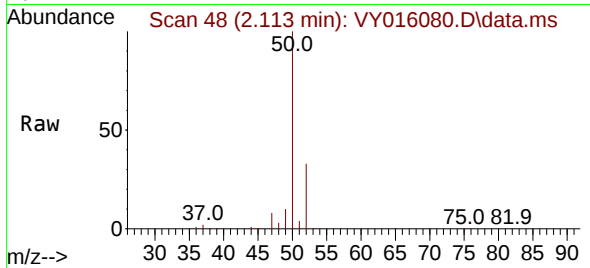
Tgt Ion: 85 Resp: 217728
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 137.834 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

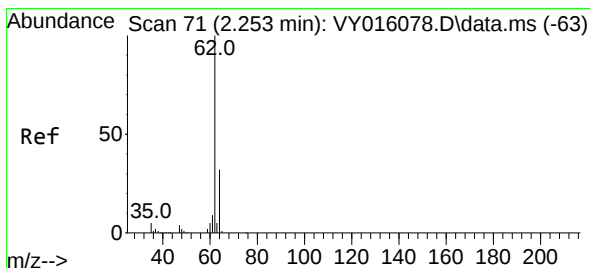
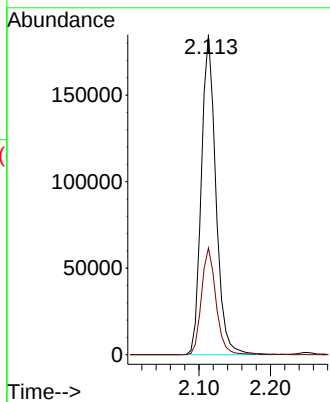
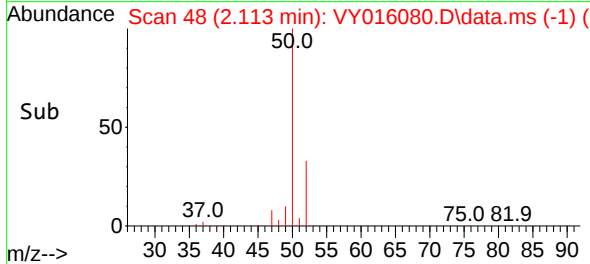
Instrument :
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Tgt Ion: 50 Resp: 260611
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

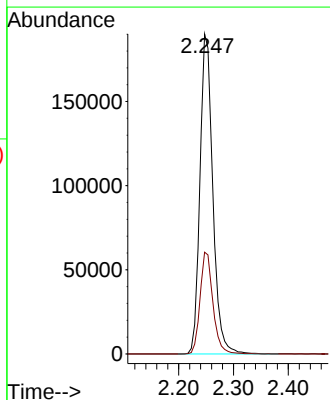
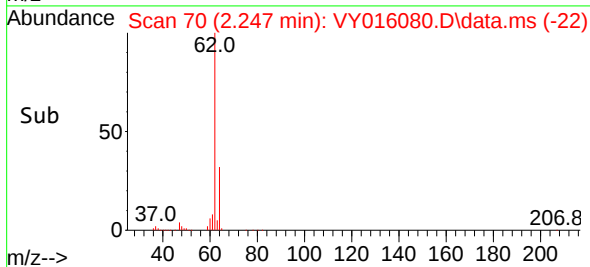
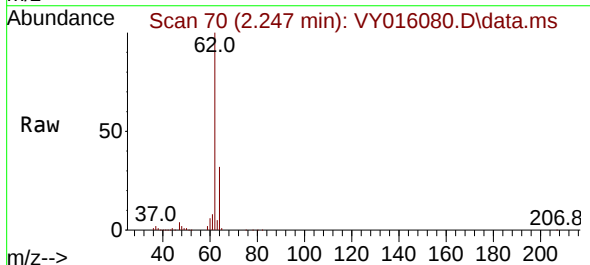
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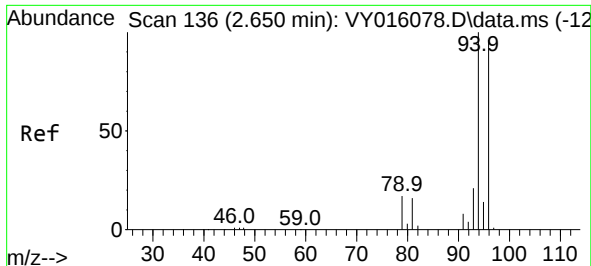
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#4
Vinyl Chloride
Concen: 143.329 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016080.D
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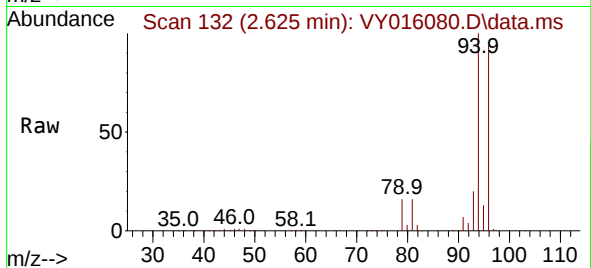
Tgt Ion: 62 Resp: 309596
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 142.449 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY016080.D
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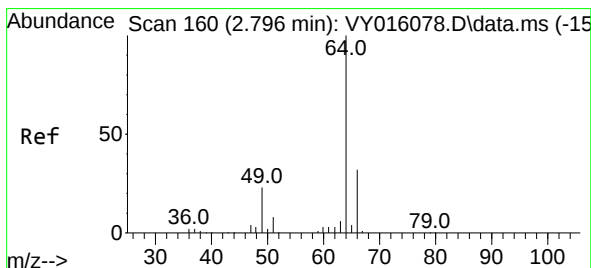
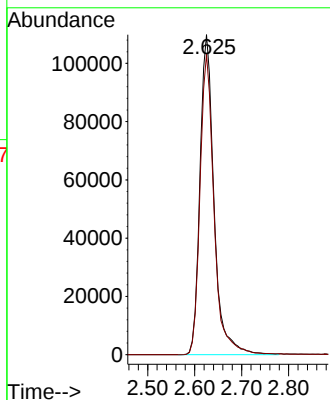
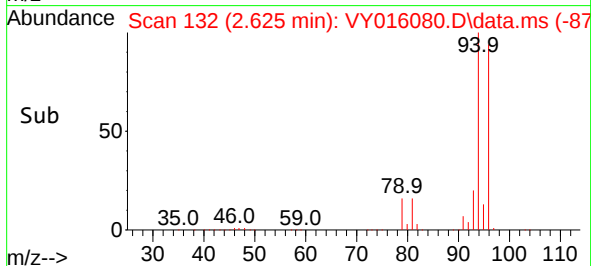
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Tgt Ion: 94 Resp: 228700
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6

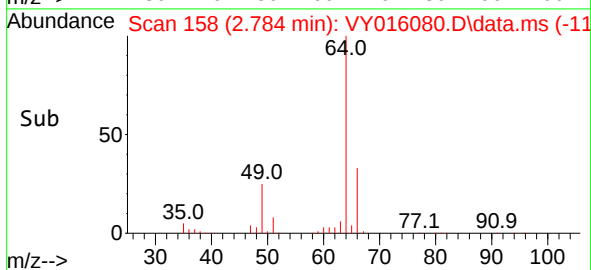
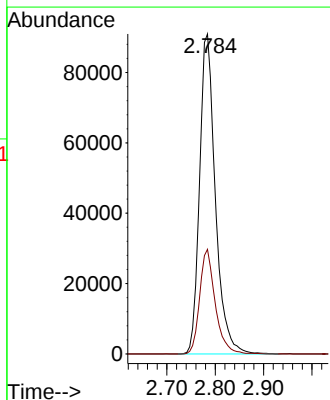
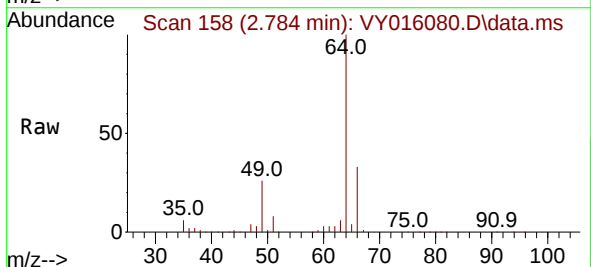
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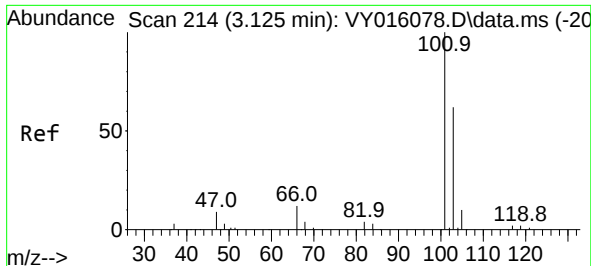
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#6
Chloroethane
Concen: 139.294 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

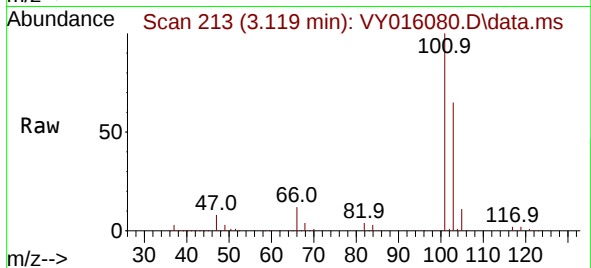
Tgt Ion: 64 Resp: 206092
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





#7
Trichlorofluoromethane
Concen: 140.180 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

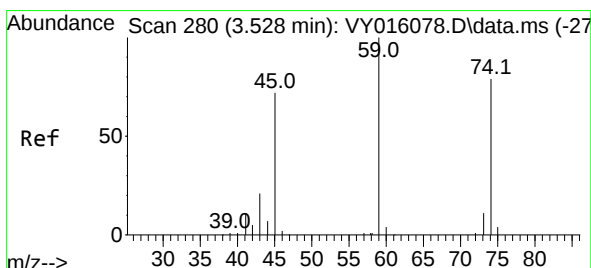
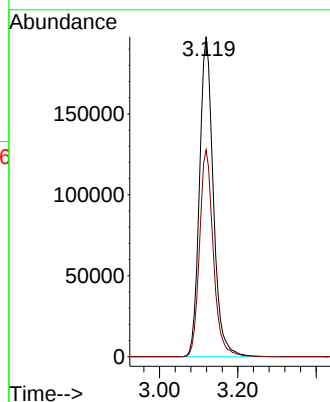
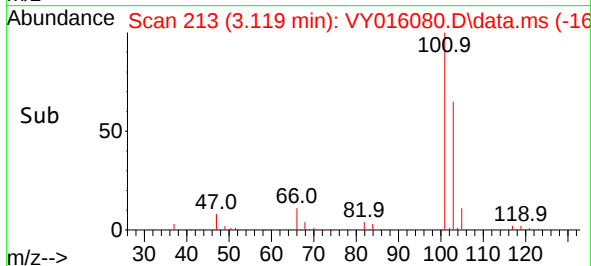
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Tgt Ion:101 Resp: 484550
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

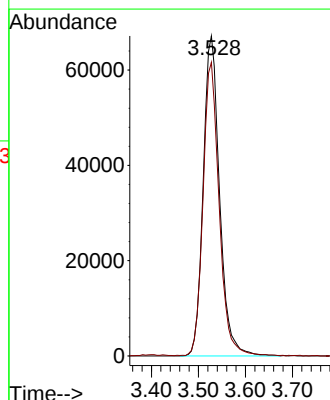
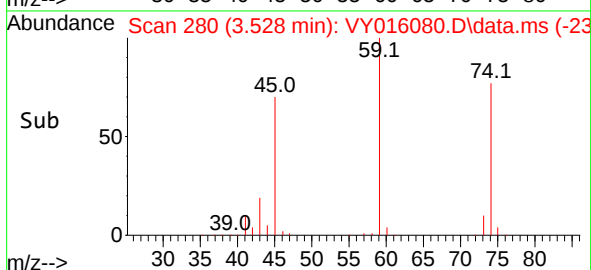
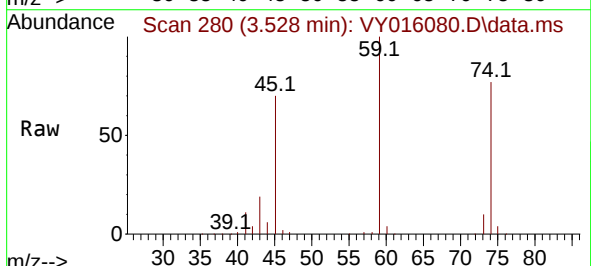
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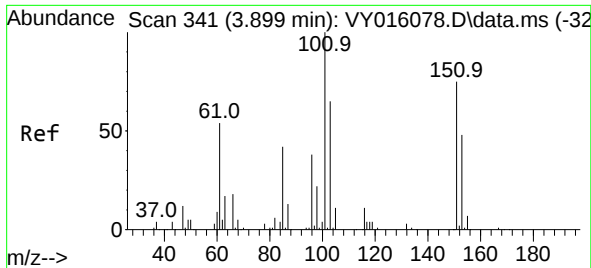
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Supervised By :Semsettin Yesilyurt 10/27/2023



#8
Diethyl Ether
Concen: 140.228 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion: 74 Resp: 162465
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5





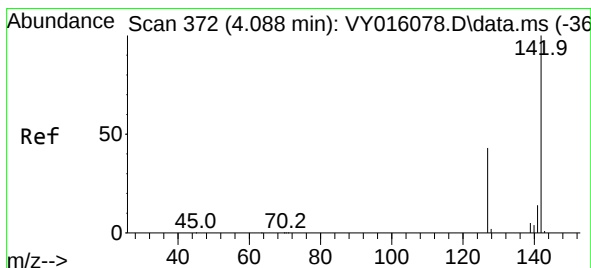
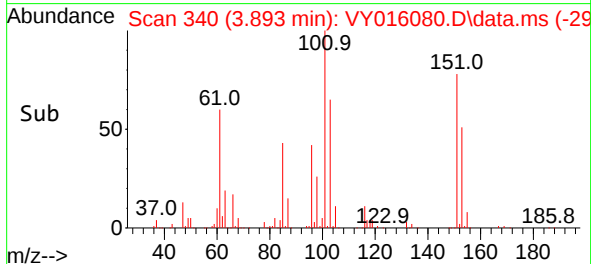
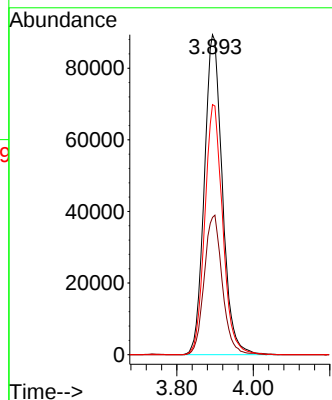
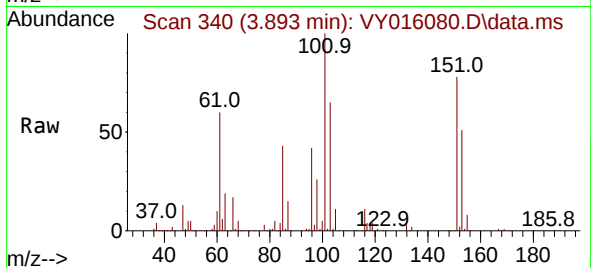
#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.089 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 29212
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.7 67.0 100.6

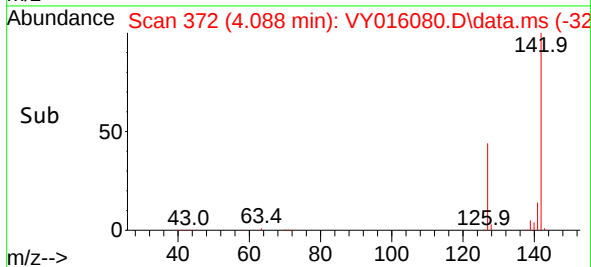
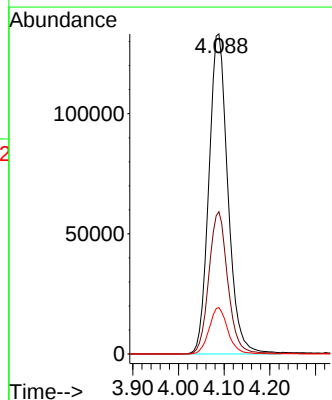
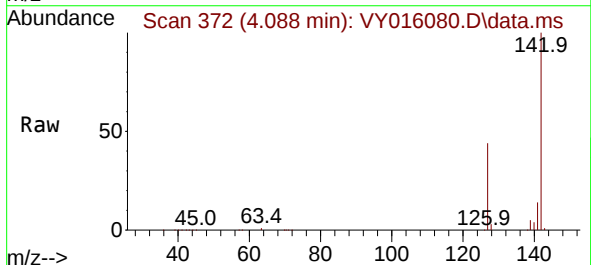
Manual Integrations
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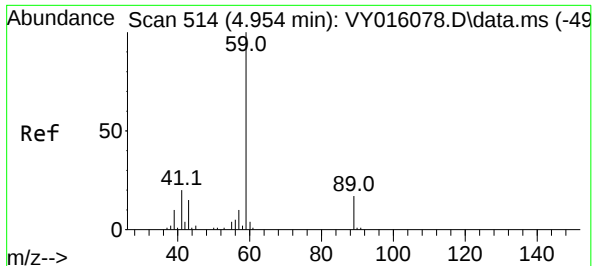
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#10
Methyl Iodide
Concen: 144.658 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:142 Resp: 385434
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 743.781 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 148988

Ion Ratio Lower Upper

59 100

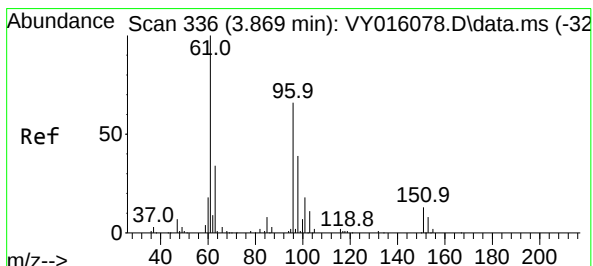
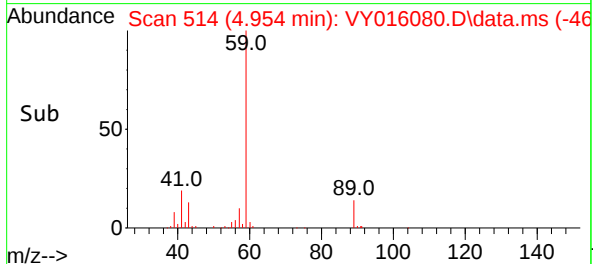
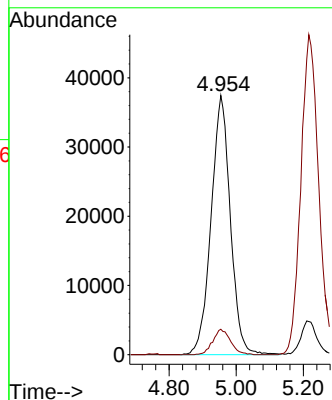
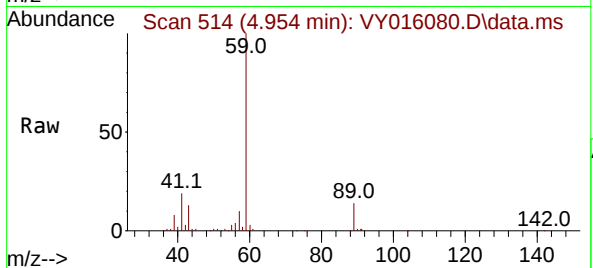
57 9.1 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#12

1,1-Dichloroethene

Concen: 141.988 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

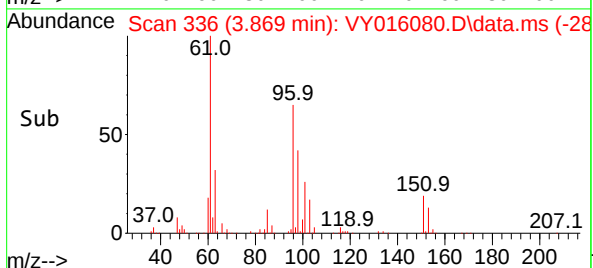
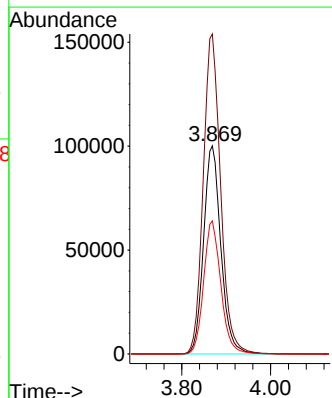
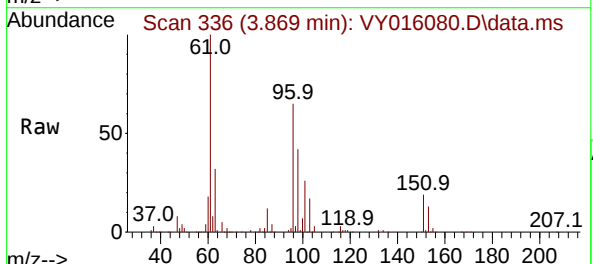
Tgt Ion: 96 Resp: 271268

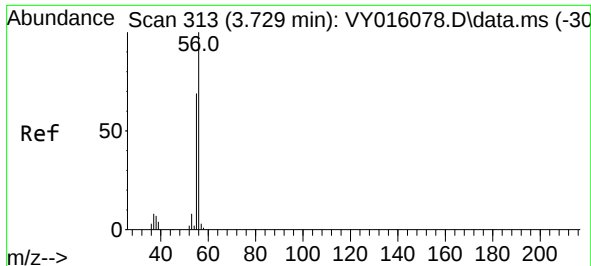
Ion Ratio Lower Upper

96 100

61 153.6 136.4 204.6

98 64.0 49.4 74.2





#13

Acrolein

Concen: 675.926 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 187162

Ion Ratio Lower Upper

56 100

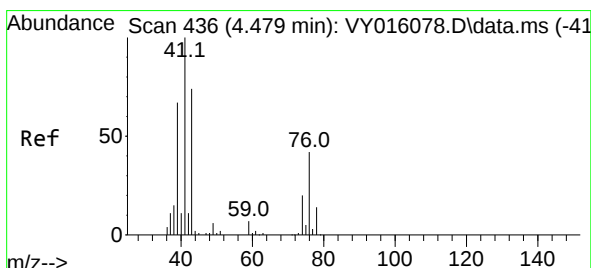
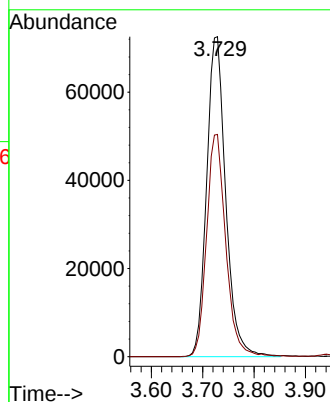
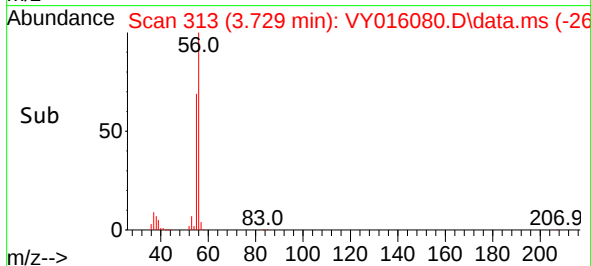
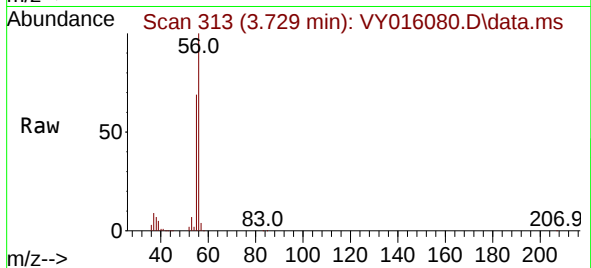
55 70.1 57.0 85.4

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Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#14

Allyl chloride

Concen: 143.626 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

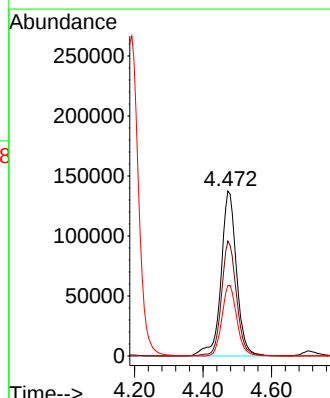
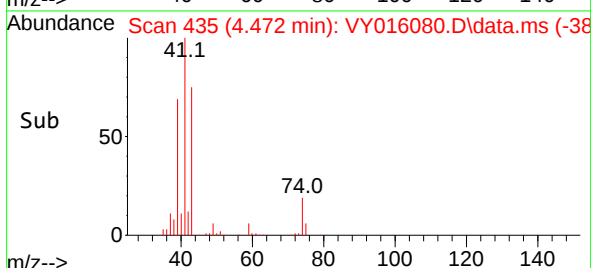
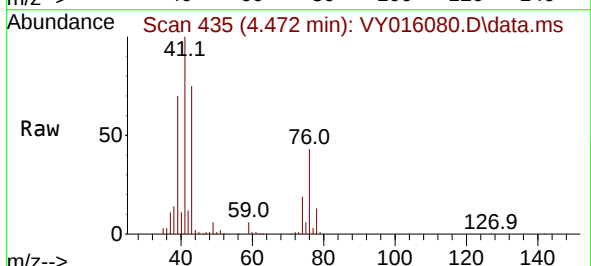
Tgt Ion: 41 Resp: 428942

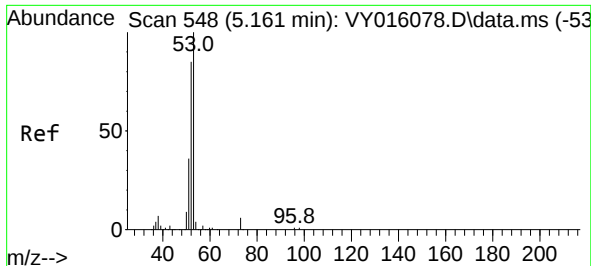
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

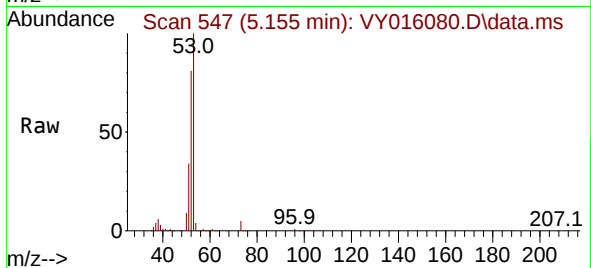
76 41.2 27.4 41.2#





#15
Acrylonitrile
Concen: 705.113 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

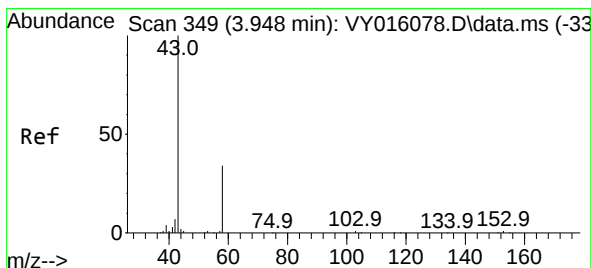
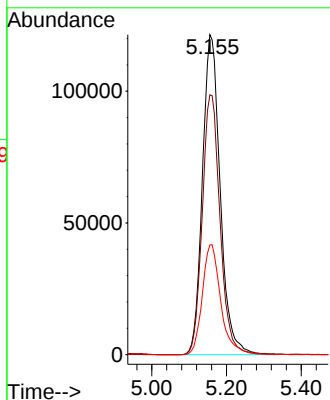
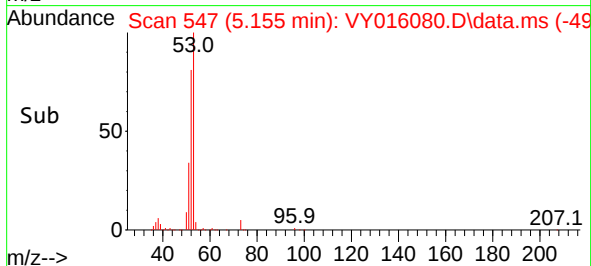
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



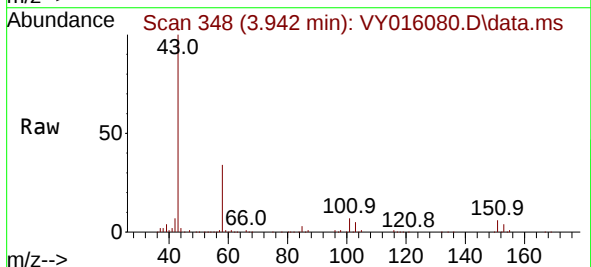
Tgt Ion: 53 Resp: 400760
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 35.8 29.8 44.6

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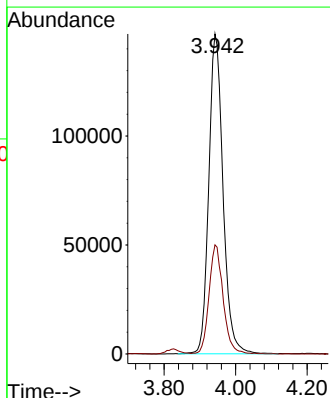
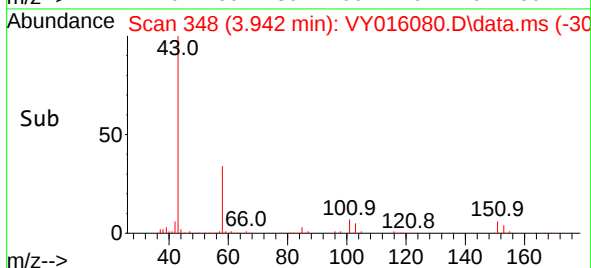
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

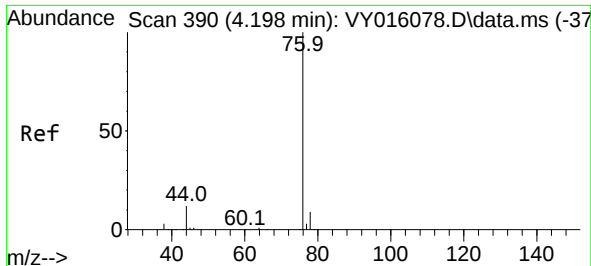


#16
Acetone
Concen: 672.506 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion: 43 Resp: 405243
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





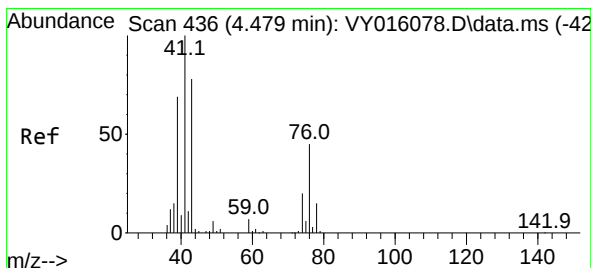
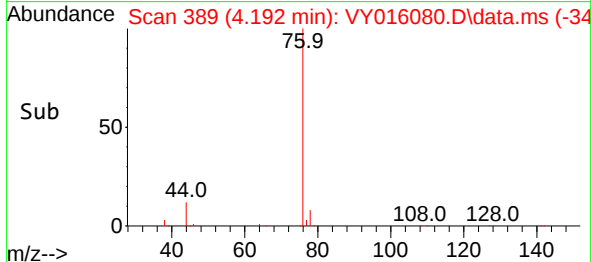
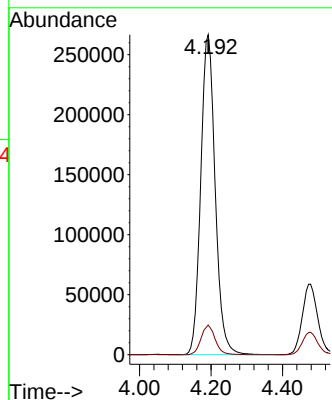
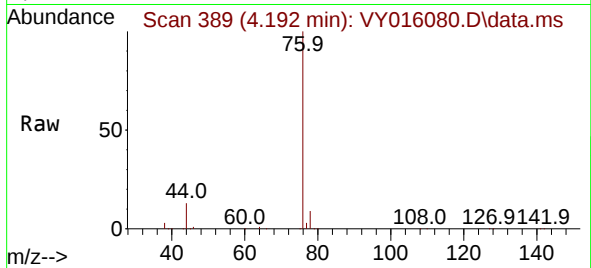
#17
Carbon Disulfide
Concen: 141.264 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 746544
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

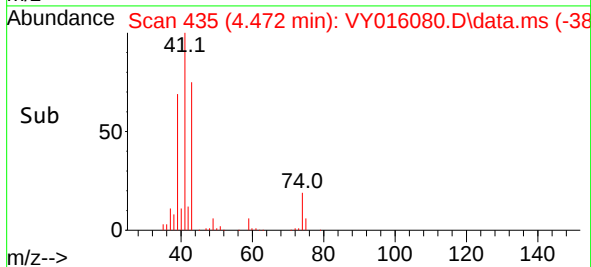
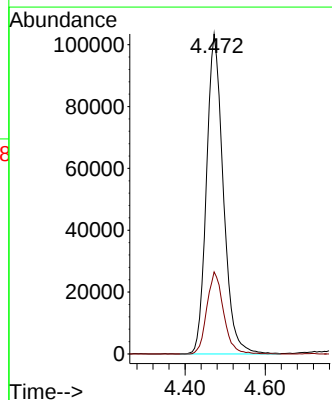
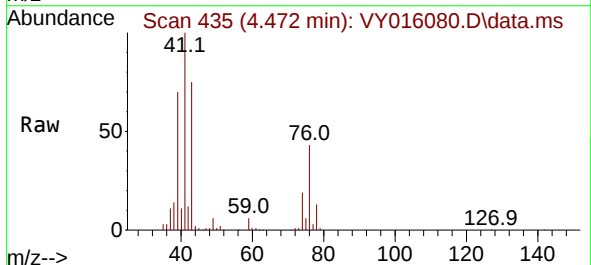
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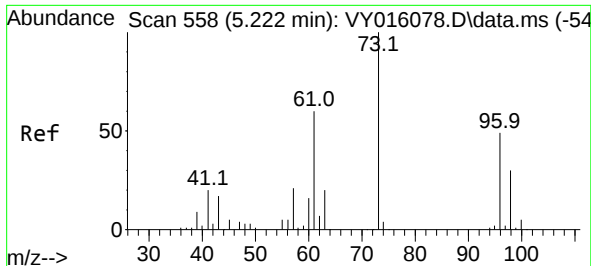
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#18
Methyl Acetate
Concen: 141.334 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

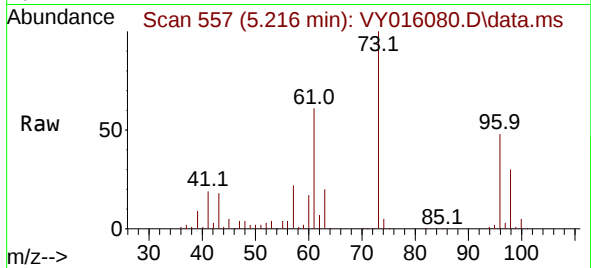
Tgt Ion: 43 Resp: 301113
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 145.315 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

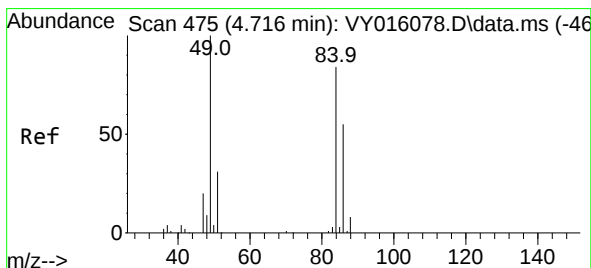
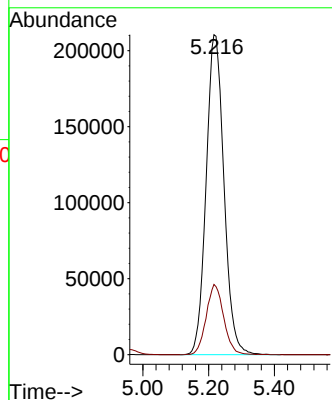
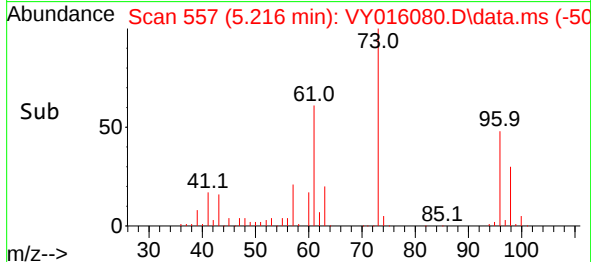
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 791720
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

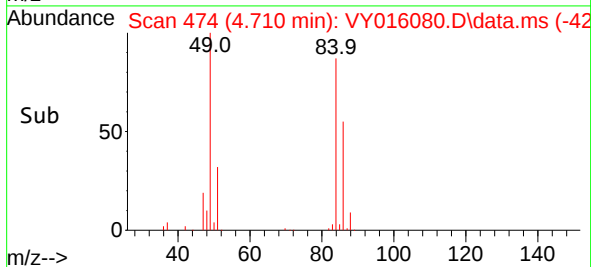
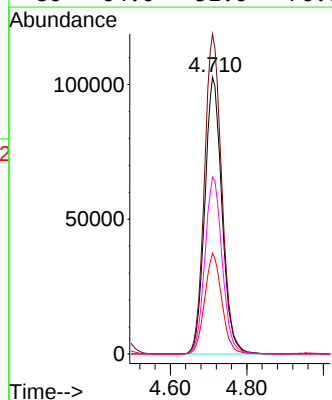
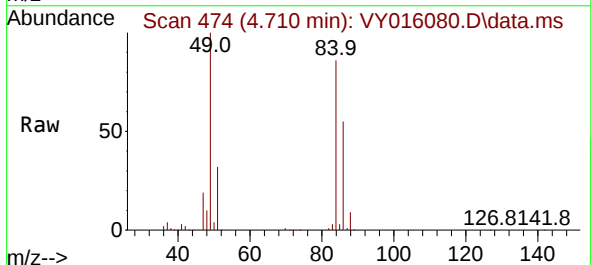
Manual Integrations
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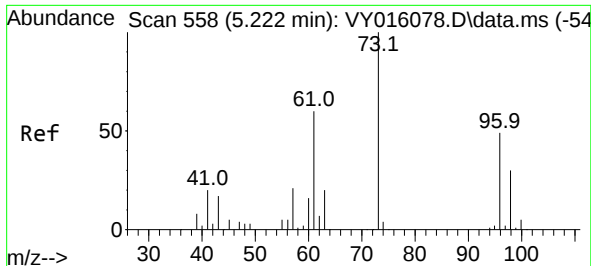
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#20
Methylene Chloride
Concen: 147.317 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion: 84 Resp: 318968
Ion Ratio Lower Upper
84 100
49 115.6 106.9 160.3
51 36.4 33.2 49.8
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 141.549 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 31347

Ion Ratio Lower Upper

96 100

61 129.0 110.2 165.4

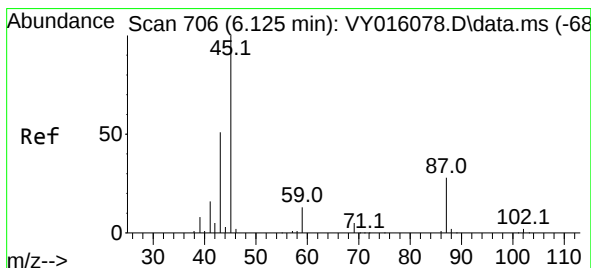
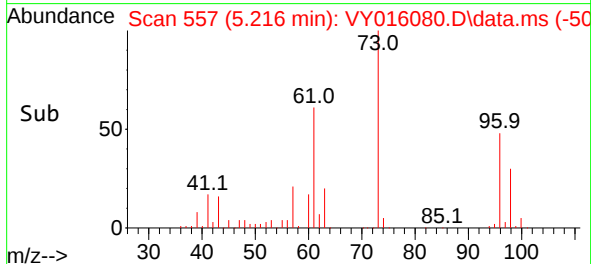
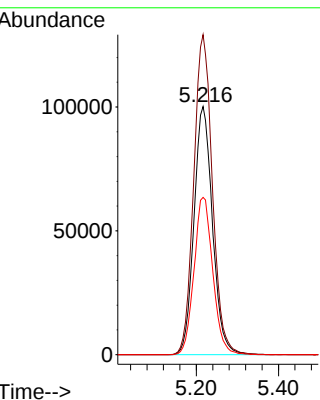
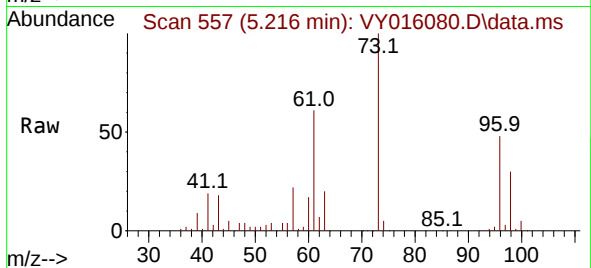
98 63.4 51.8 77.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#22

Diisopropyl ether

Concen: 141.840 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Tgt Ion: 45 Resp: 926280

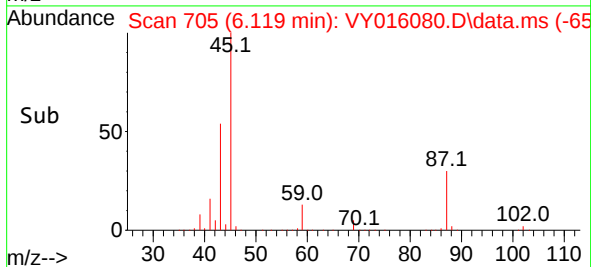
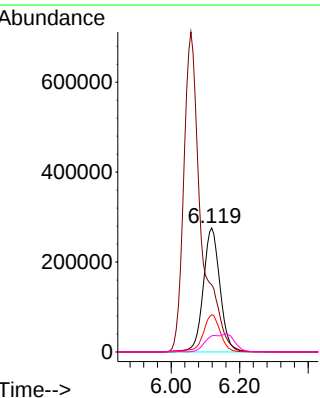
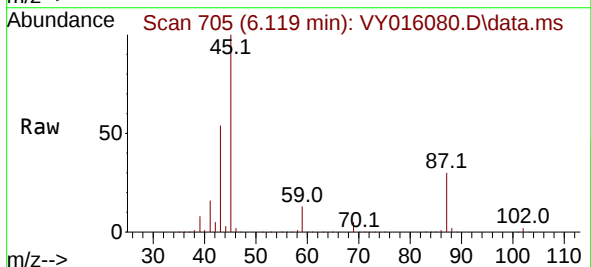
Ion Ratio Lower Upper

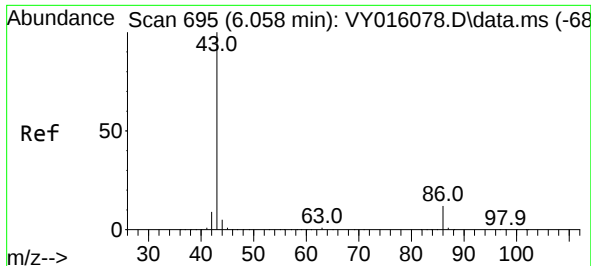
45 100

43 54.0 52.2 78.4

87 30.0 21.0 31.6

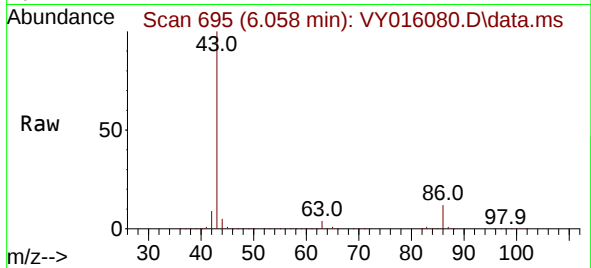
59 13.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 718.978 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY016080.D
 Acq: 26 Oct 2023 13:49

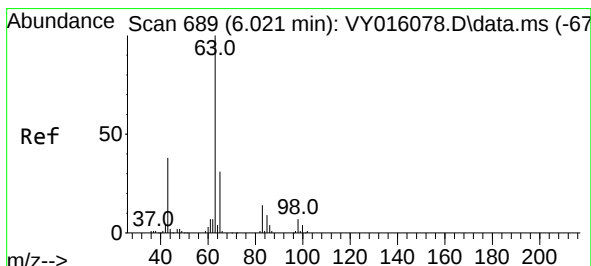
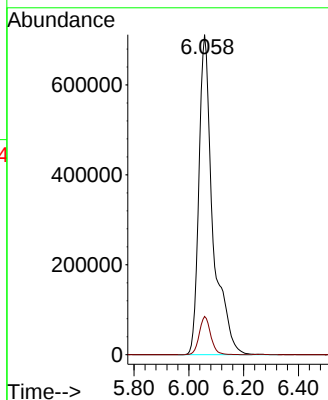
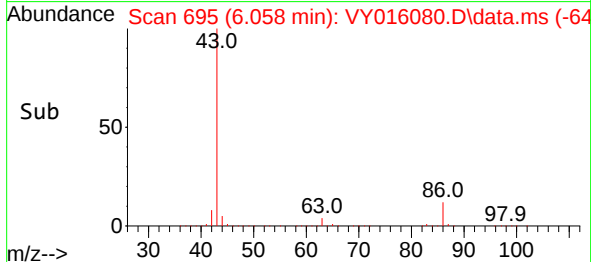
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



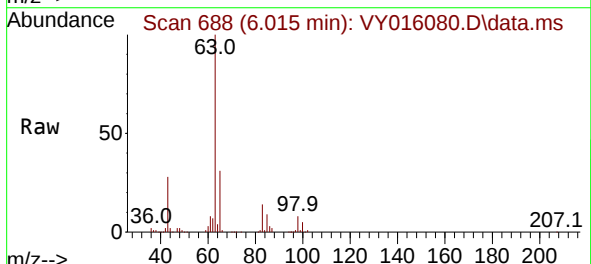
Tgt Ion: 43 Resp: 2515649
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

Manual Integrations
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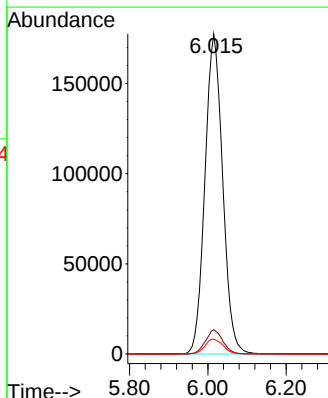
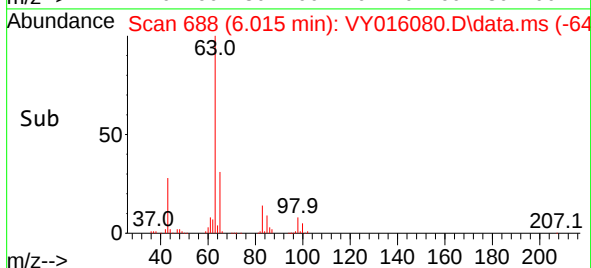
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

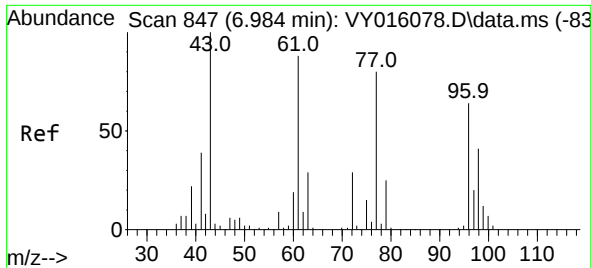


#24
 1,1-Dichloroethane
 Concen: 141.550 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016080.D
 Acq: 26 Oct 2023 13:49



Tgt Ion: 63 Resp: 556910
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.6 1.8 5.5





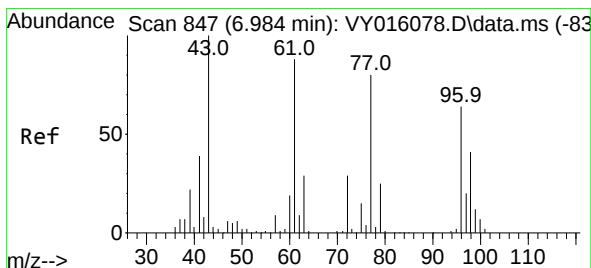
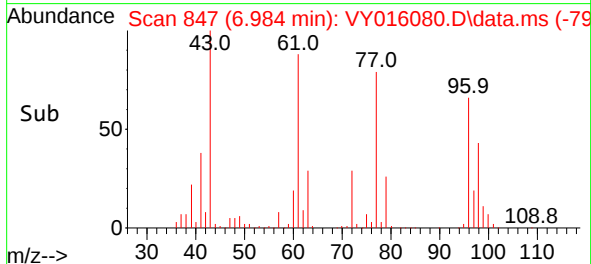
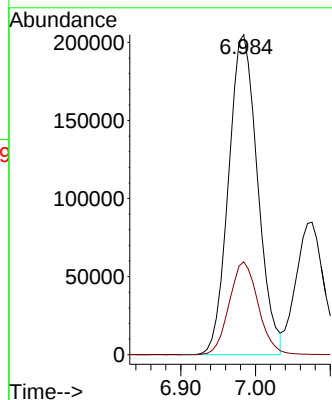
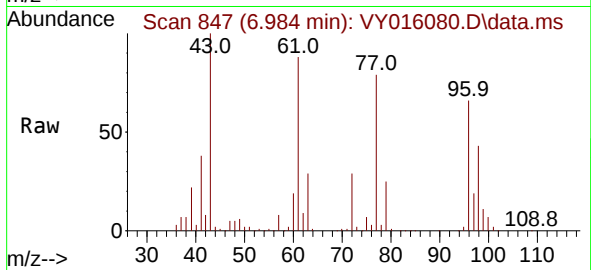
#25
2-Butanone
Concen: 679.599 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 552700
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7

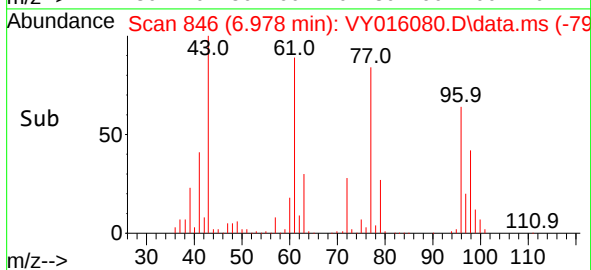
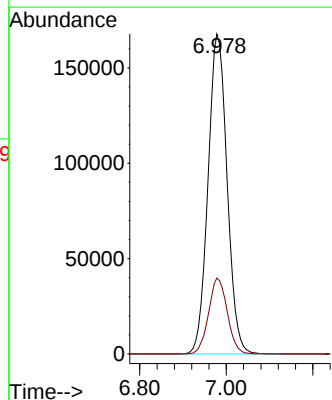
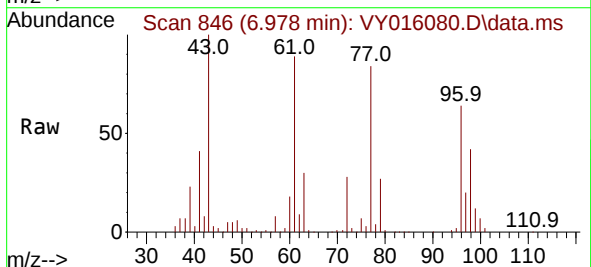
Manual Integrations
APPROVED

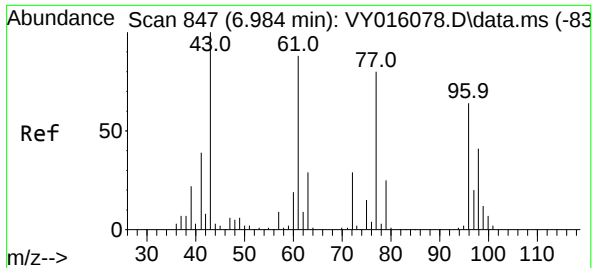
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#26
2,2-Dichloropropane
Concen: 140.180 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion: 77 Resp: 512702
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 141.778 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 36873

Ion Ratio Lower Upper

96 100

61 138.2 0.0 301.4

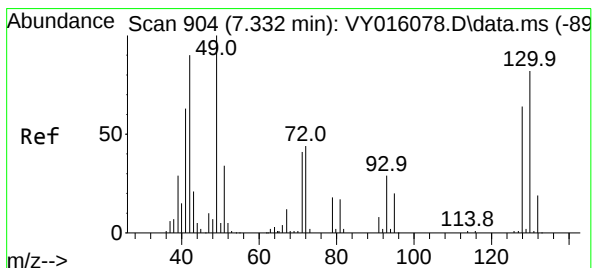
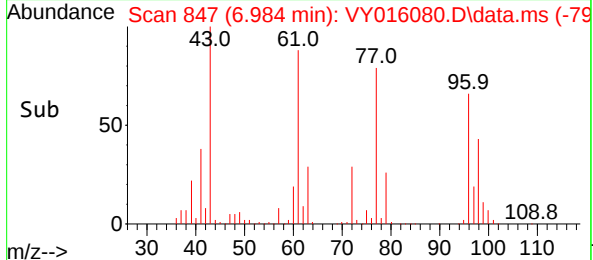
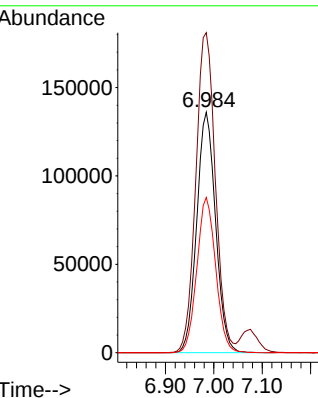
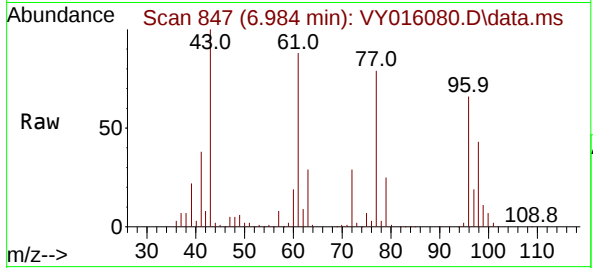
98 64.5 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#28

Bromochloromethane

Concen: 144.445 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

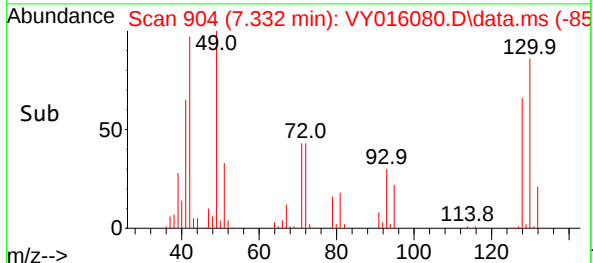
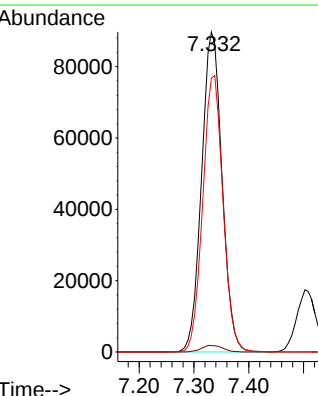
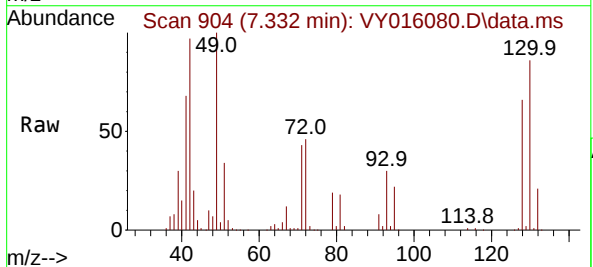
Tgt Ion: 49 Resp: 232494

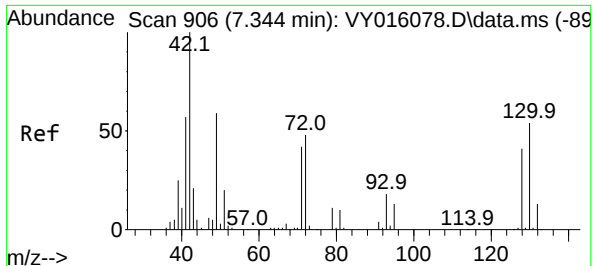
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 700.668 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 32695

Ion Ratio Lower Upper

42 100

72 48.5 32.8 49.2

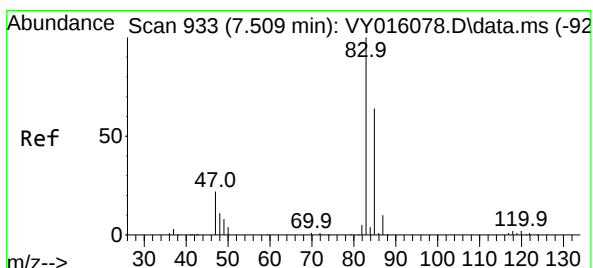
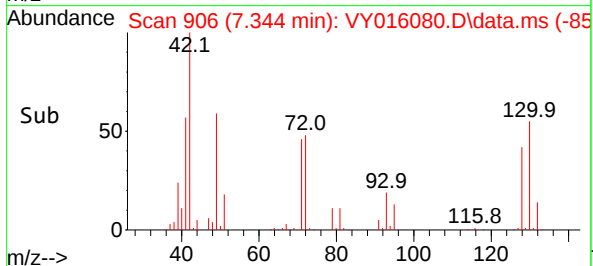
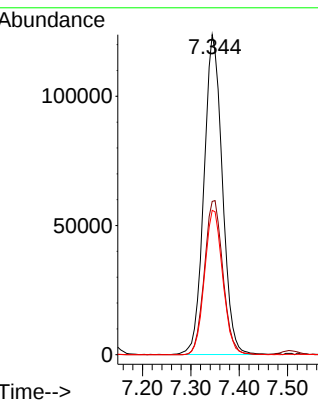
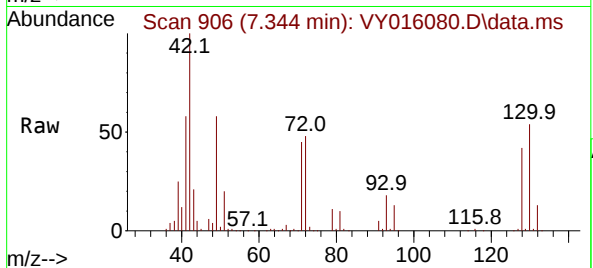
71 44.8 31.0 46.4

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Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#30

Chloroform

Concen: 141.583 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016080.D

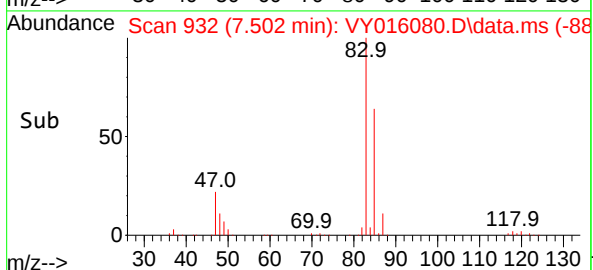
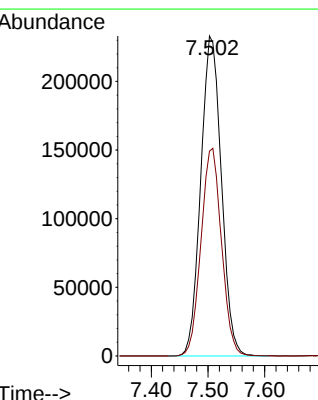
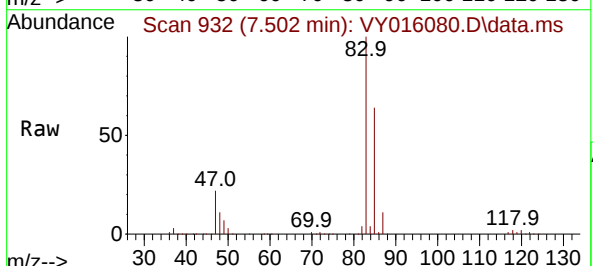
Acq: 26 Oct 2023 13:49

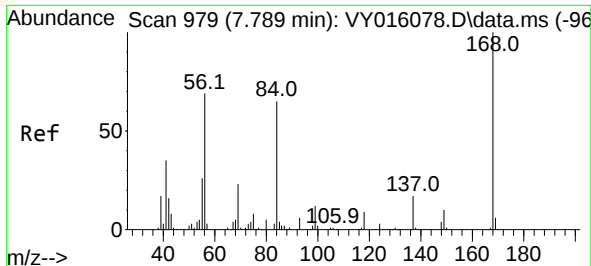
Tgt Ion: 83 Resp: 588437

Ion Ratio Lower Upper

83 100

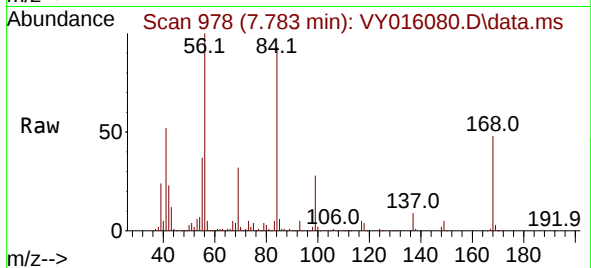
85 64.0 49.7 74.5





#31
Cyclohexane
Concen: 134.250 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

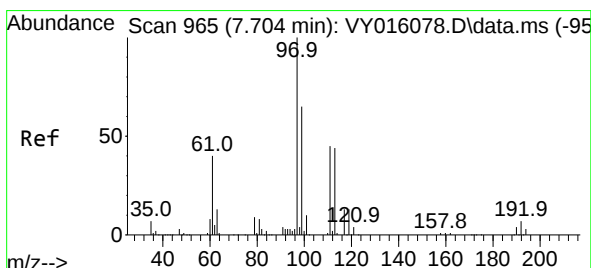
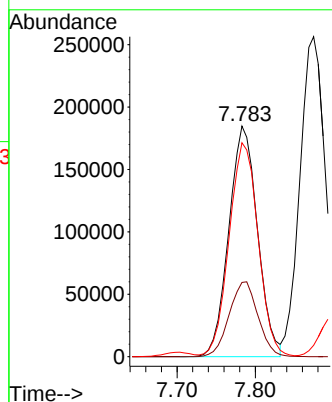
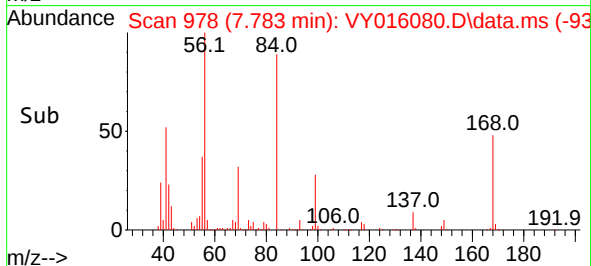
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



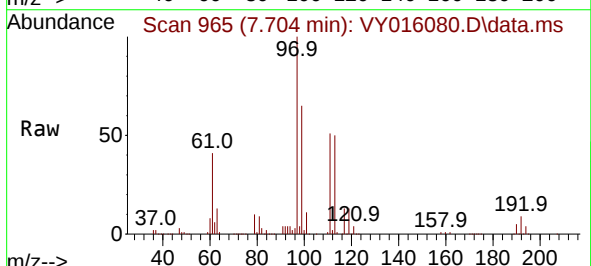
Tgt Ion: 56 Resp: 46954
Ion Ratio Lower Upper
56 100
69 32.2 27.8 41.6
84 90.8 66.4 99.6

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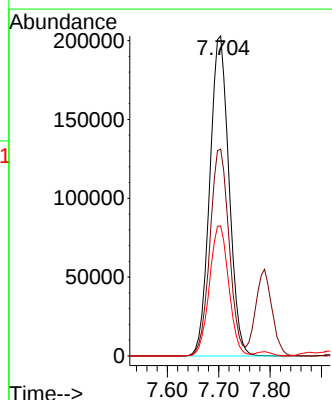
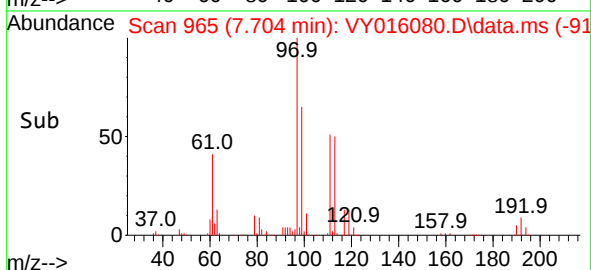
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

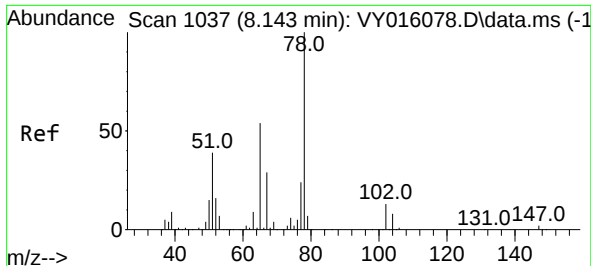


#32
1,1,1-Trichloroethane
Concen: 141.400 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion: 97 Resp: 527134
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 146.475 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 32564

Ion Ratio Lower Upper

65 100

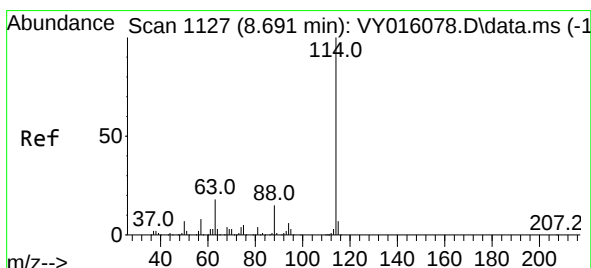
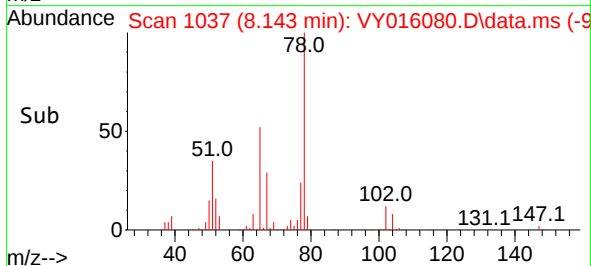
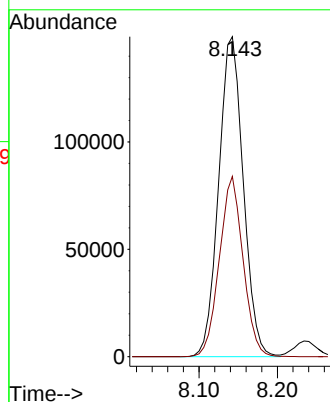
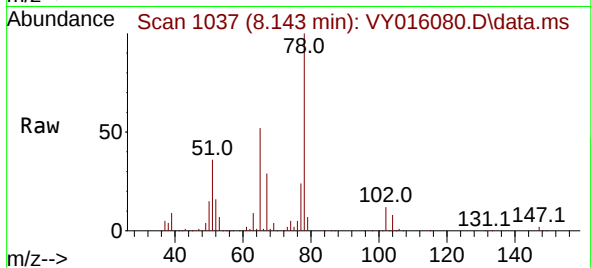
67 54.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

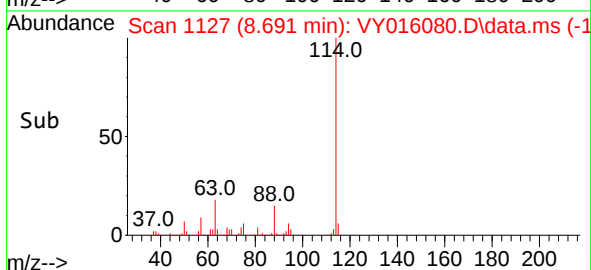
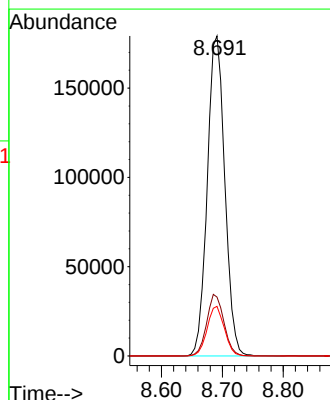
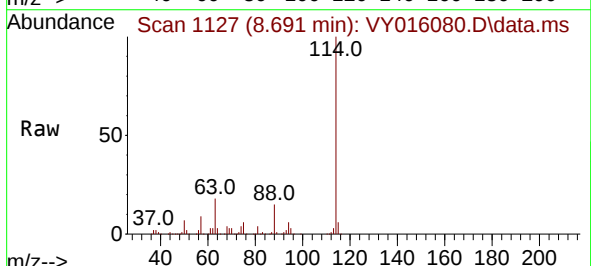
Tgt Ion:114 Resp: 358173

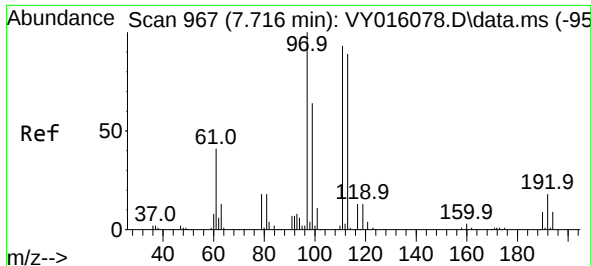
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

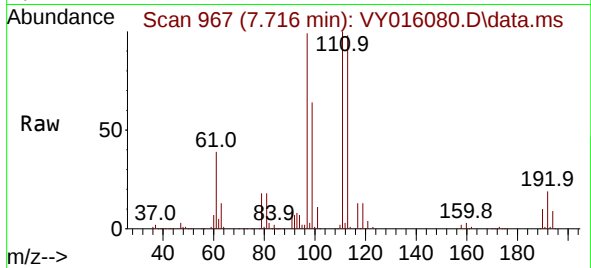
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 147.624 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

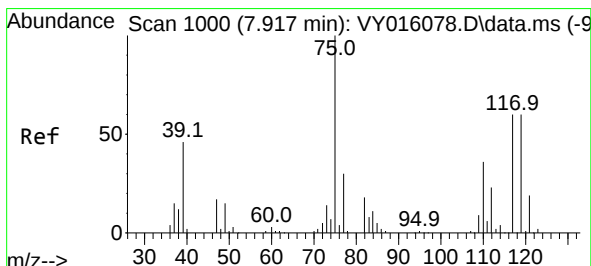
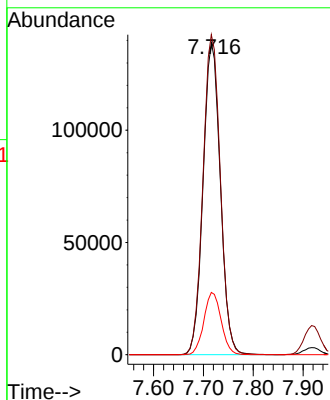
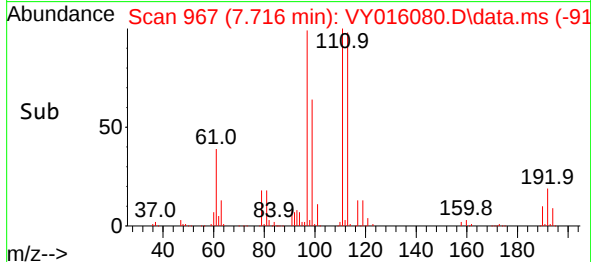
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



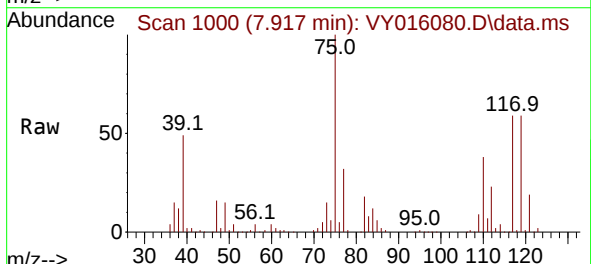
Tgt Ion:113 Resp: 333790
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.0 16.9 25.3

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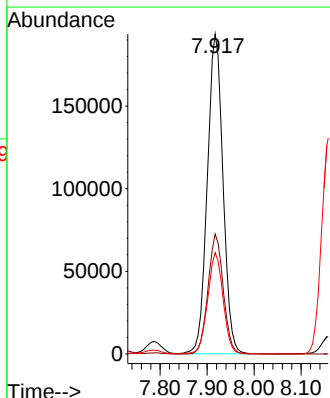
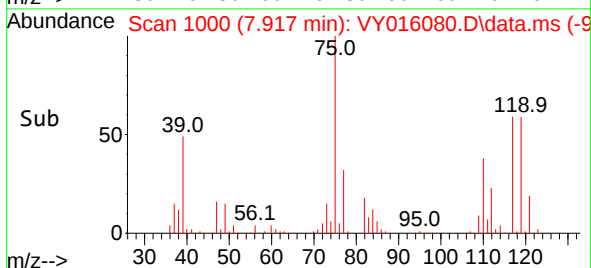
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

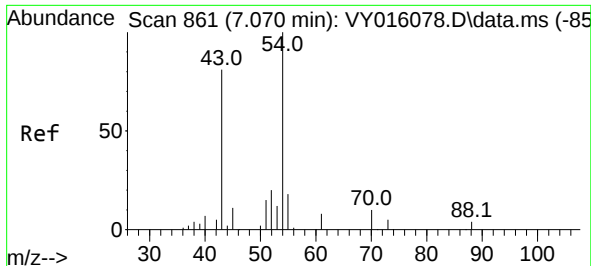


#36
1,1-Dichloropropene
Concen: 141.706 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion: 75 Resp: 446638
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 141.205 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

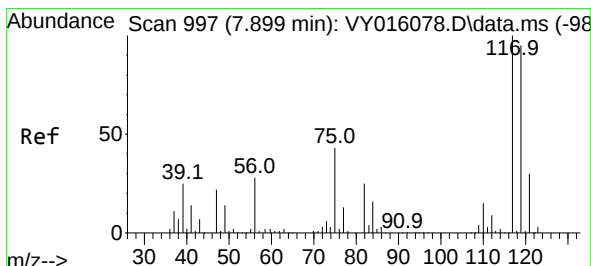
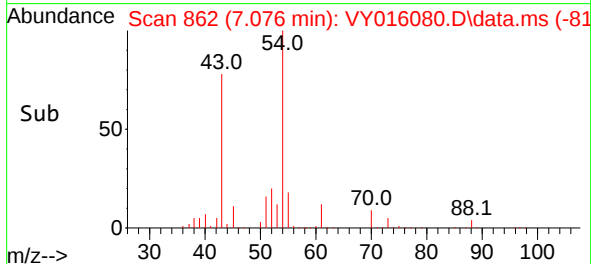
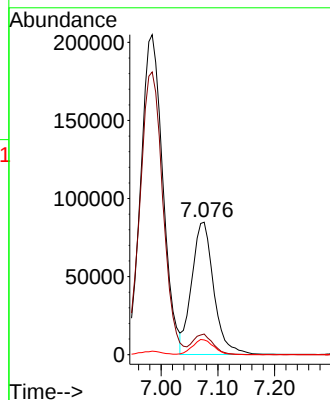
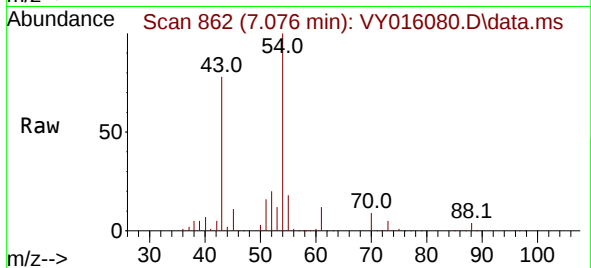
Tgt Ion: 43 Resp: 228119

Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	11.2	7.1	10.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#38

Carbon Tetrachloride

Concen: 144.036 ug/l

RT: 7.899 min Scan# 997

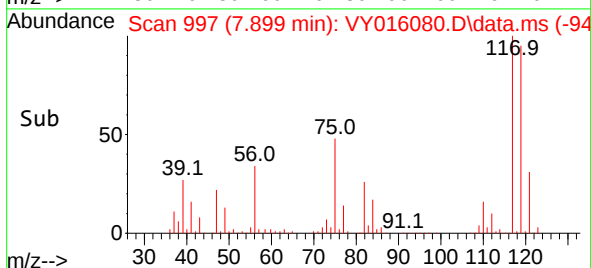
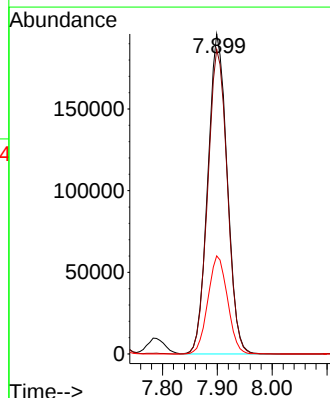
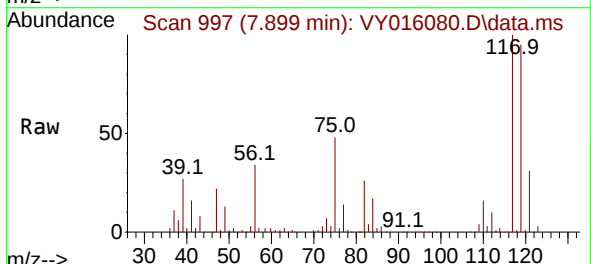
Delta R.T. -0.000 min

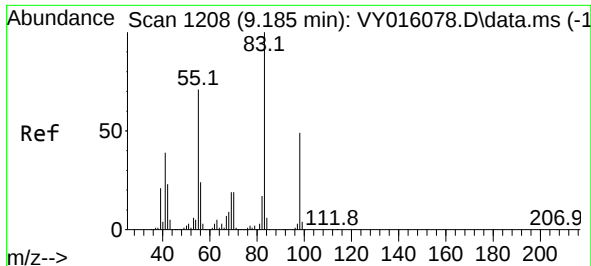
Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Tgt Ion:117 Resp: 480081

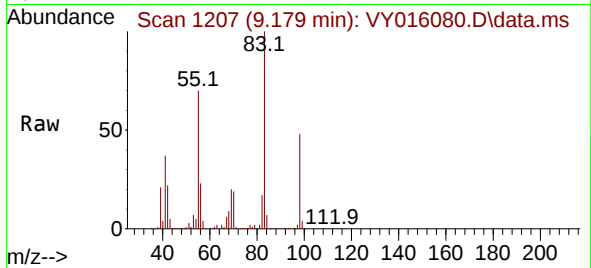
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.4	114.6
121	30.6	25.8	38.6





#39
Methylcyclohexane
Concen: 147.388 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

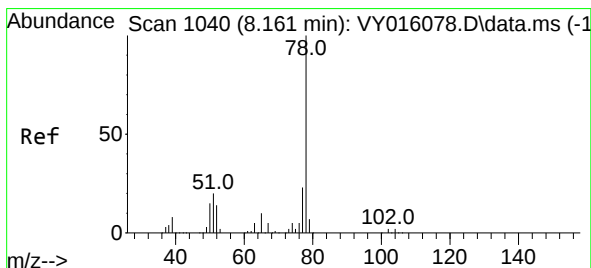
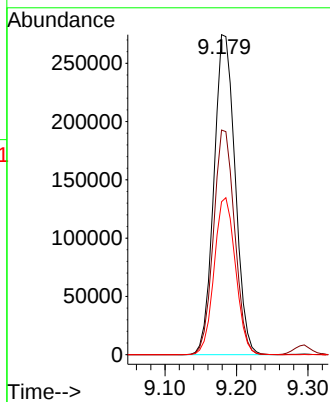
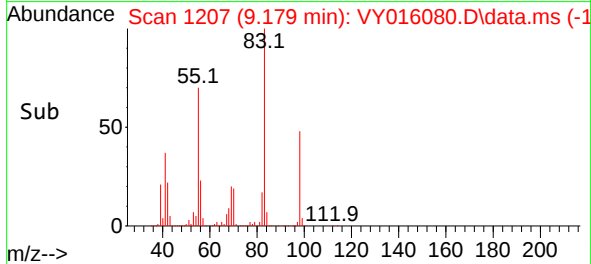
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 565929
Ion Ratio Lower Upper
83 100
55 70.2 63.0 94.4
98 47.8 37.4 56.2

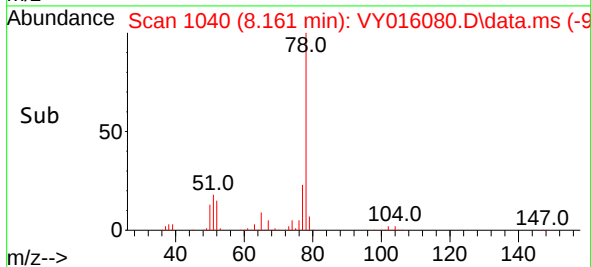
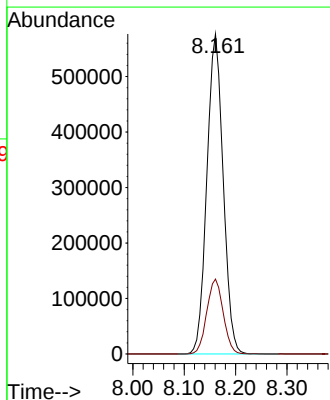
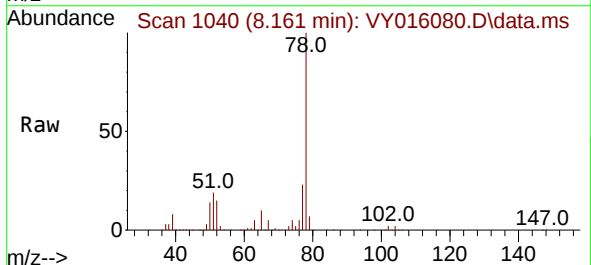
Manual Integrations
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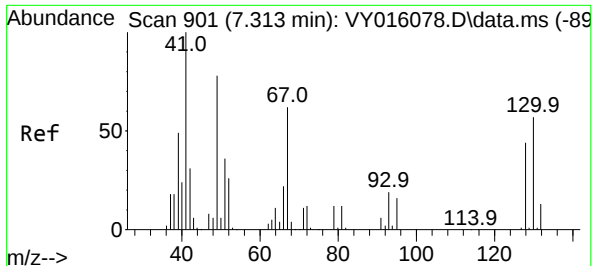
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#40
Benzene
Concen: 142.033 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

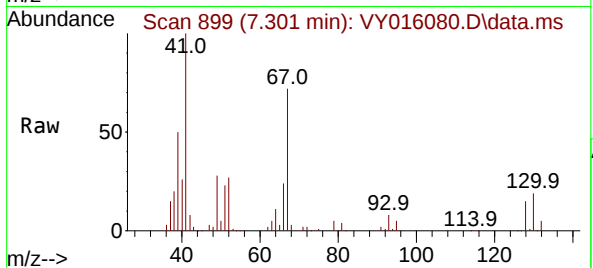
Tgt Ion: 78 Resp: 1267443
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 146.407 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

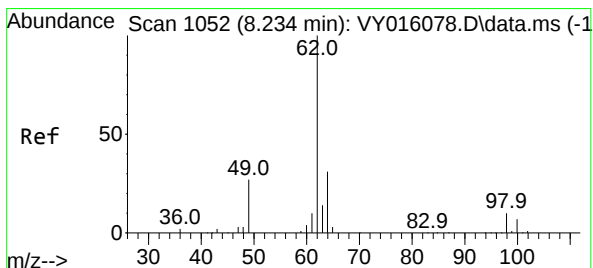
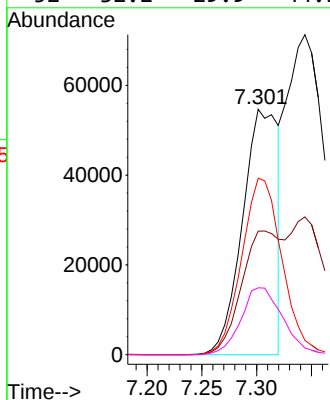
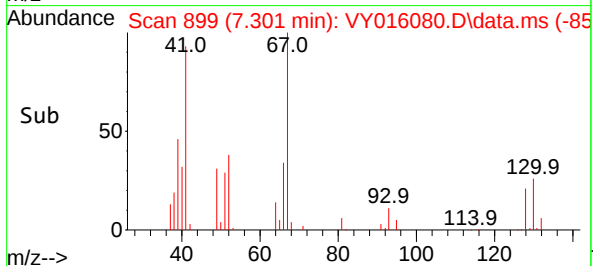
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 123784
Ion Ratio Lower Upper
41 100
39 59.6 52.1 78.1
67 81.6 66.2 99.2
52 32.2 29.9 44.9

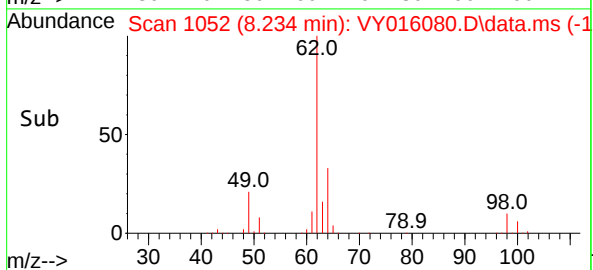
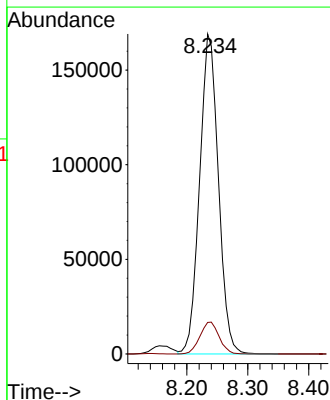
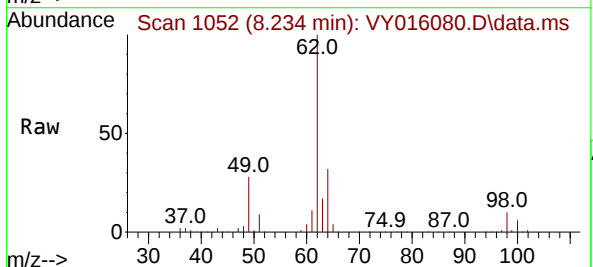
Manual Integrations
APPROVED

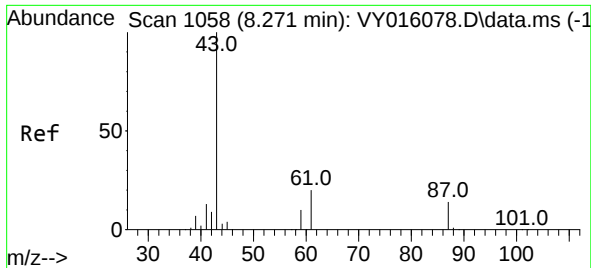
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#42
1,2-Dichloroethane
Concen: 140.443 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

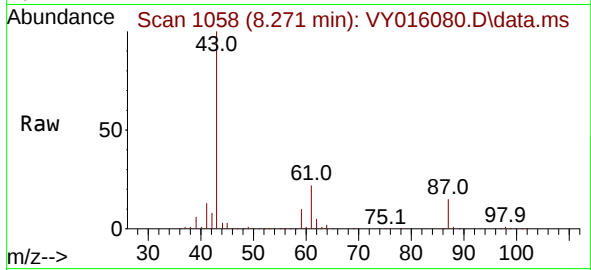
Tgt Ion: 62 Resp: 362128
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 144.954 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

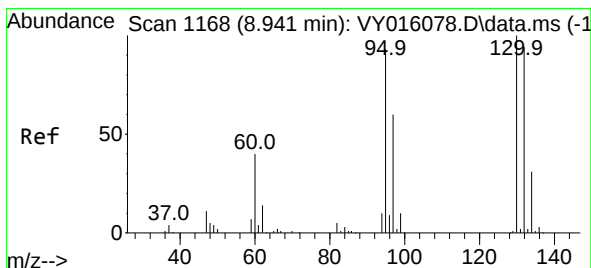
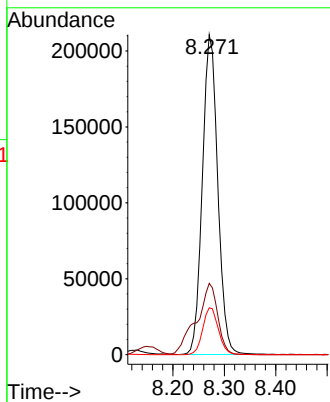
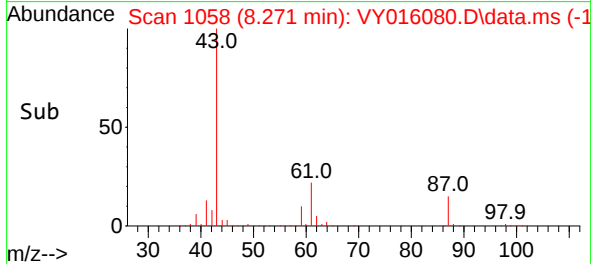
Instrument : MSVOA_Y
ClientSampleId : VSTDICC150



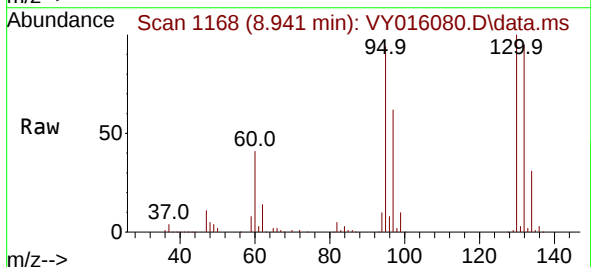
Tgt Ion: 43 Resp: 437840
Ion Ratio Lower Upper
43 100
61 30.8 21.1 31.7
87 14.9 9.8 14.8

Manual Integrations
APPROVED

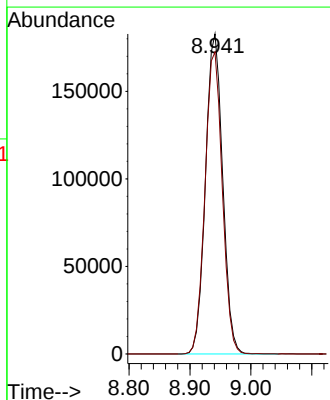
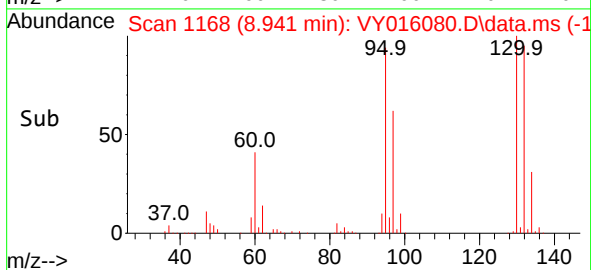
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

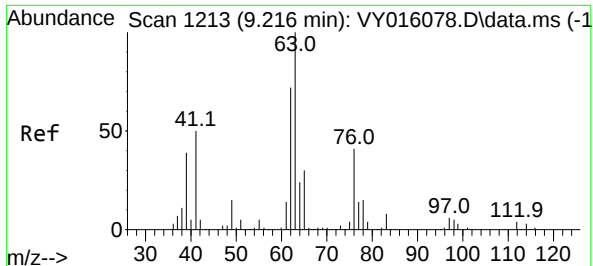


#44
Trichloroethene
Concen: 143.491 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion:130 Resp: 357543
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 143.098 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 32318

Ion Ratio Lower Upper

63 100

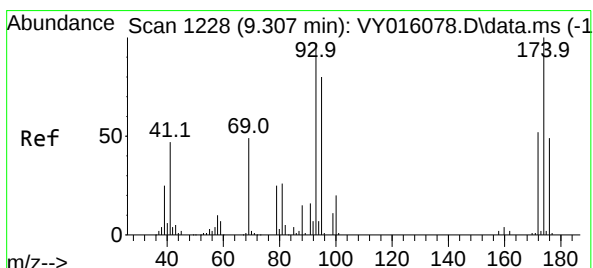
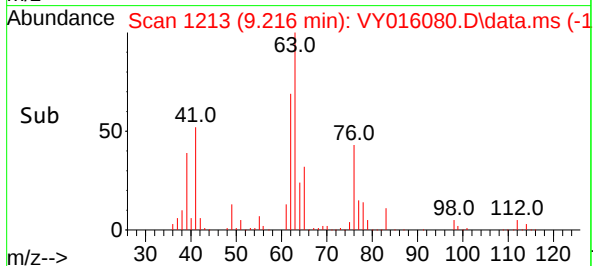
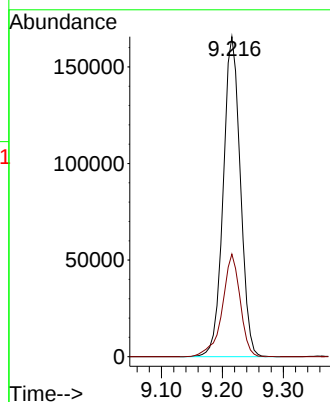
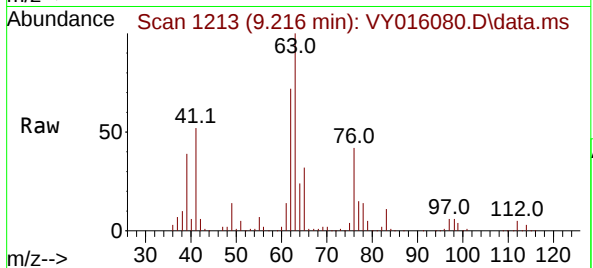
65 32.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#46

Dibromomethane

Concen: 142.272 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

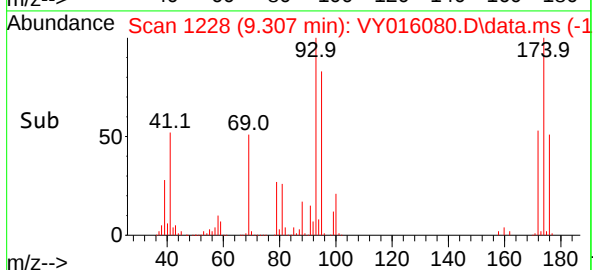
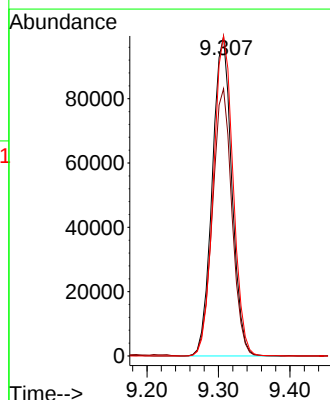
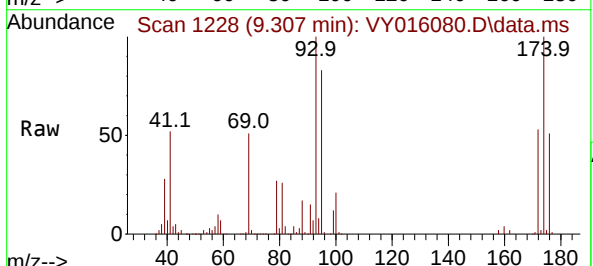
Tgt Ion: 93 Resp: 188405

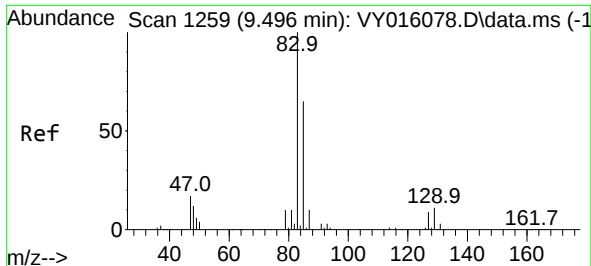
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 100.8 84.8 127.2





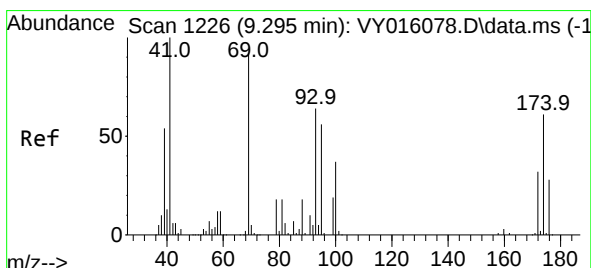
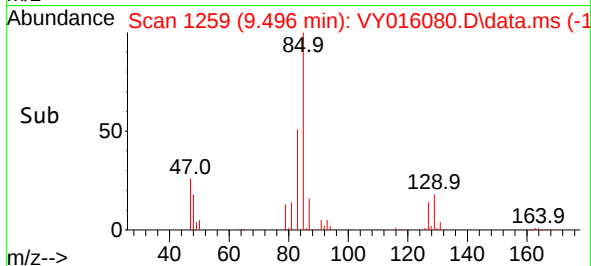
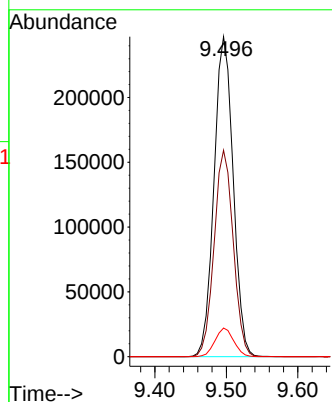
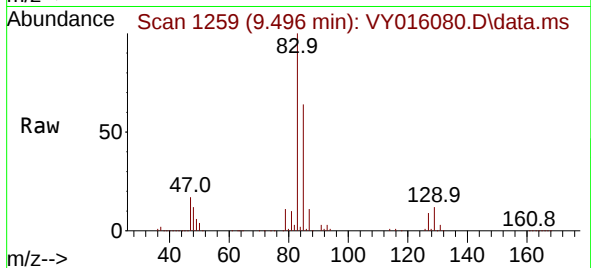
#47
Bromodichloromethane
Concen: 143.510 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 45961
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 9.0 7.1 10.7

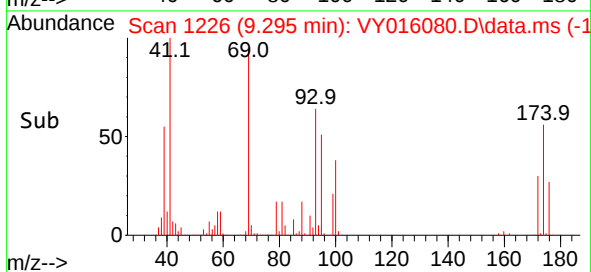
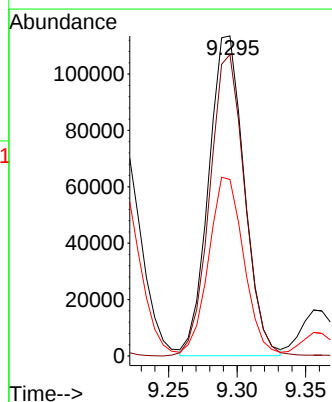
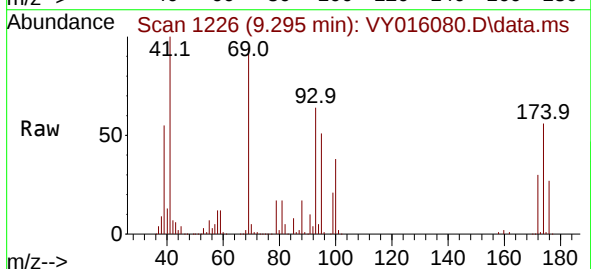
Manual Integrations
APPROVED

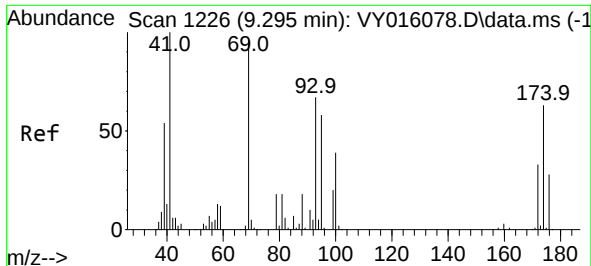
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#48
Methyl methacrylate
Concen: 147.298 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion: 41 Resp: 204979
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 53.2 50.8 76.2





#49

1,4-Dioxane

Concen: 2877.847 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 4768

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0

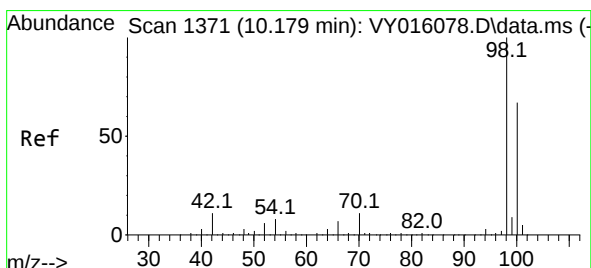
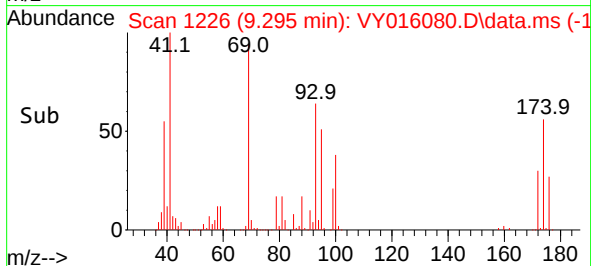
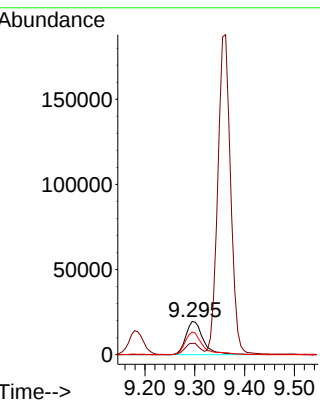
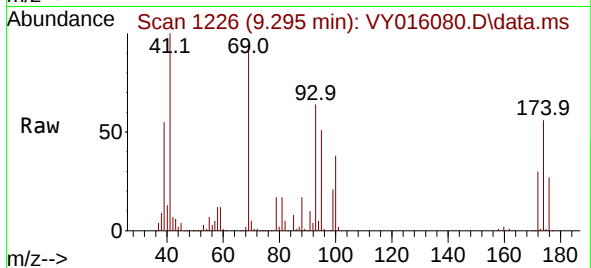
58 69.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#50

Toluene-d8

Concen: 151.358 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016080.D

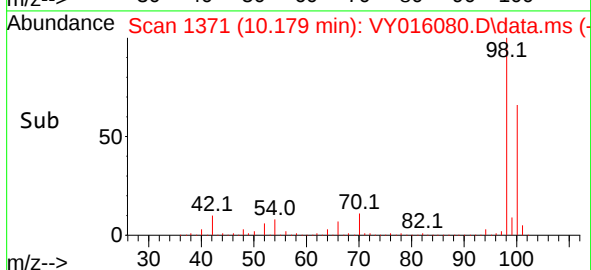
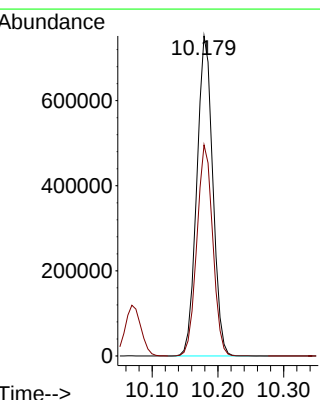
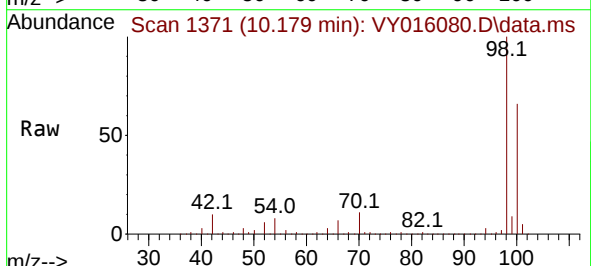
Acq: 26 Oct 2023 13:49

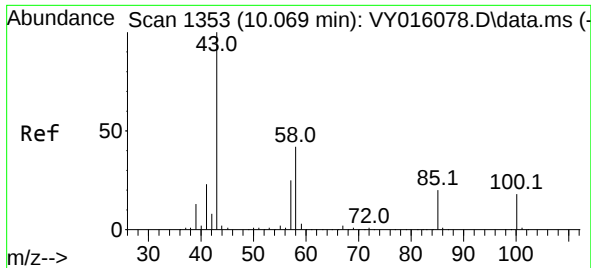
Tgt Ion: 98 Resp: 1267714

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





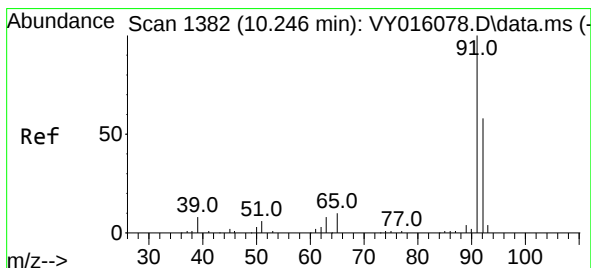
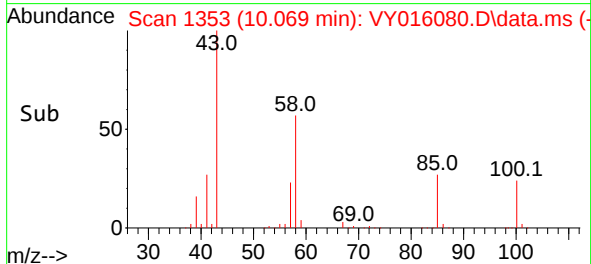
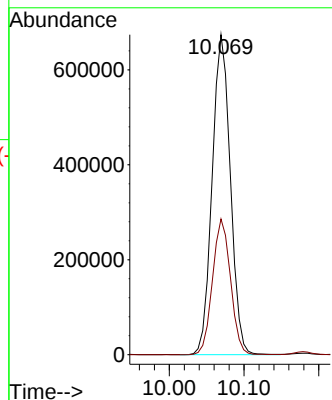
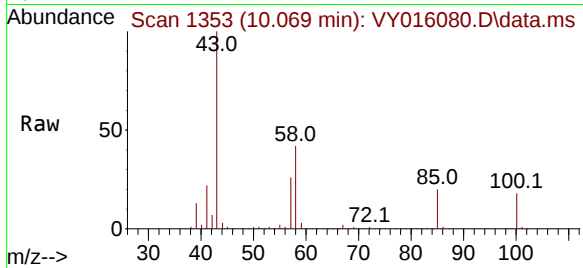
#51
4-Methyl-2-Pentanone
Concen: 713.920 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 113788
Ion Ratio Lower Upper
43 100
58 42.0 29.0 43.6

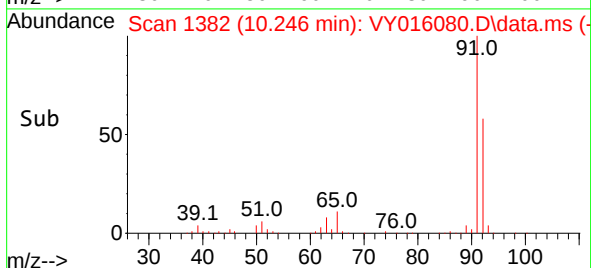
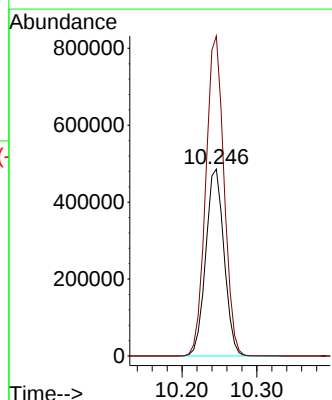
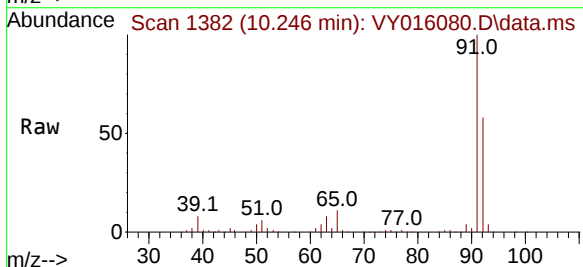
Manual Integrations
APPROVED

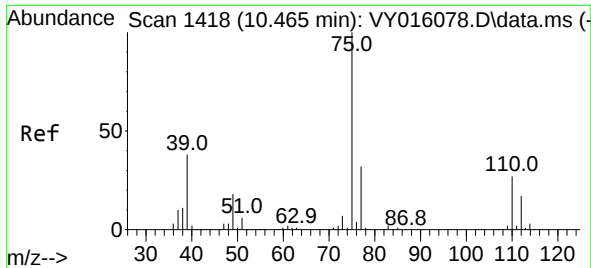
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#52
Toluene
Concen: 143.894 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

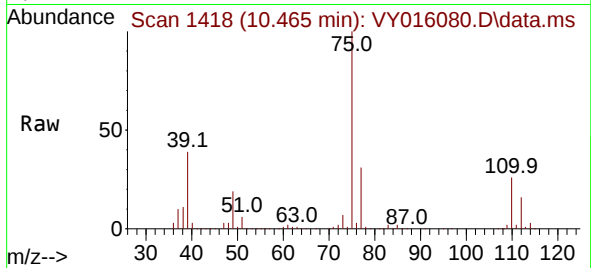
Tgt Ion: 92 Resp: 824542
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 146.296 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

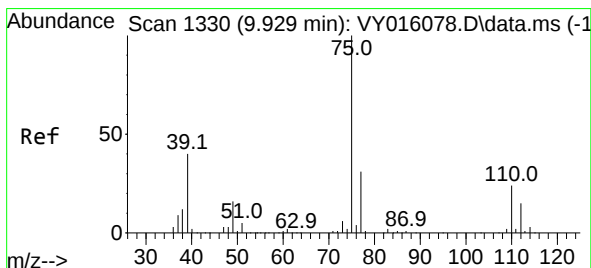
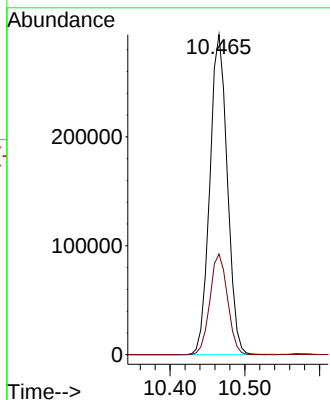
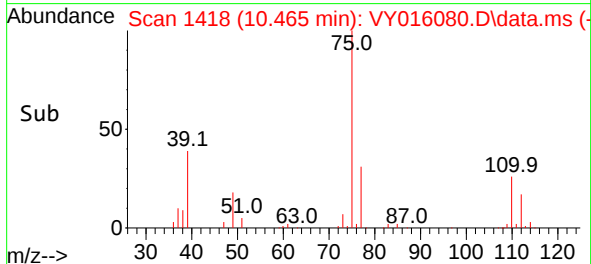
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 47912
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

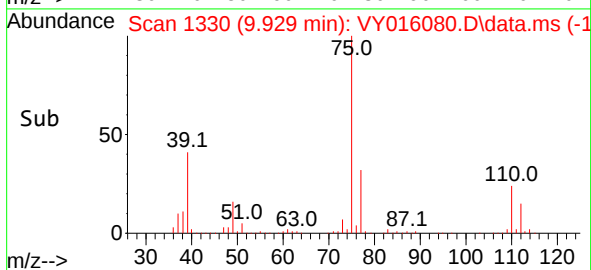
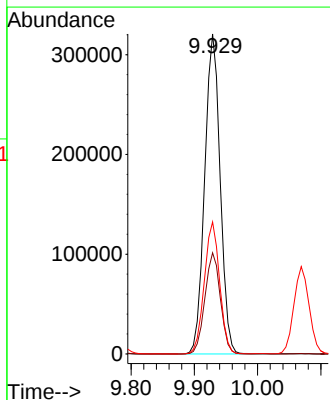
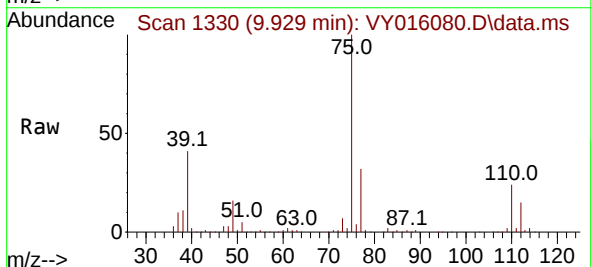
Manual Integrations
APPROVED

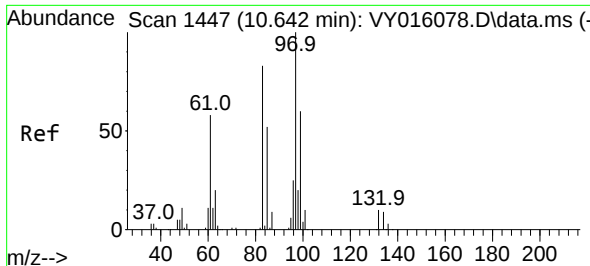
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#54
cis-1,3-Dichloropropene
Concen: 147.722 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

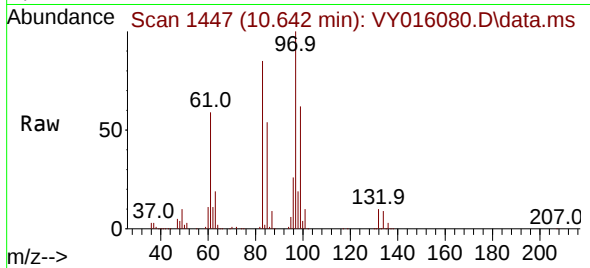
Tgt Ion: 75 Resp: 547109
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4
39 41.2 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 140.827 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

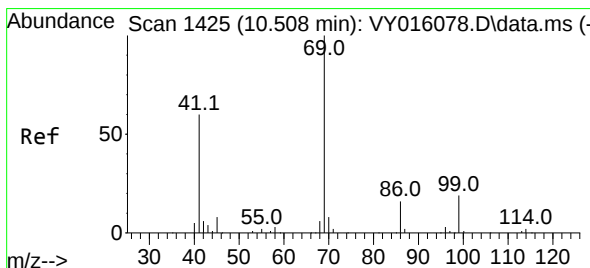
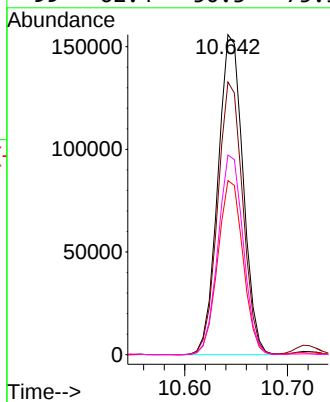
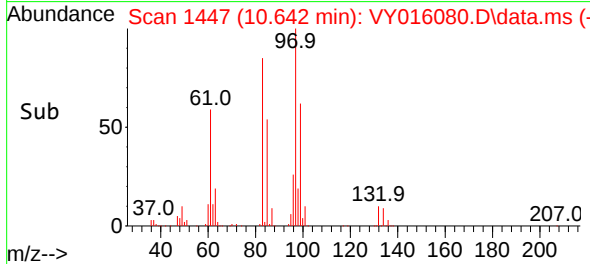
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



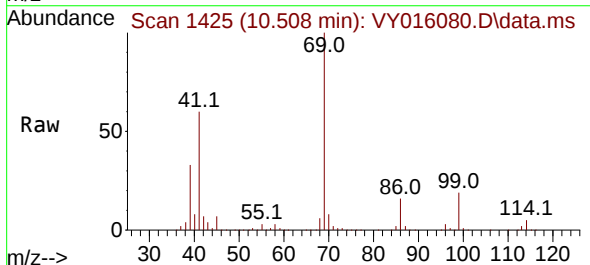
Tgt Ion: 97 Resp: 264972
Ion Ratio Lower Upper
97 100
83 85.2 72.0 108.0
85 54.4 45.4 68.0
99 62.4 50.3 75.5

Manual Integrations
APPROVED

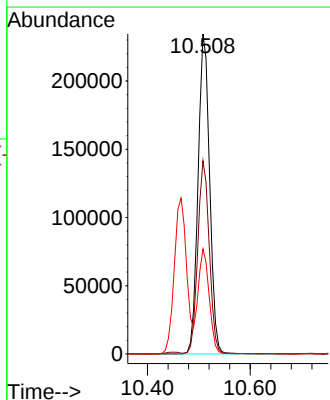
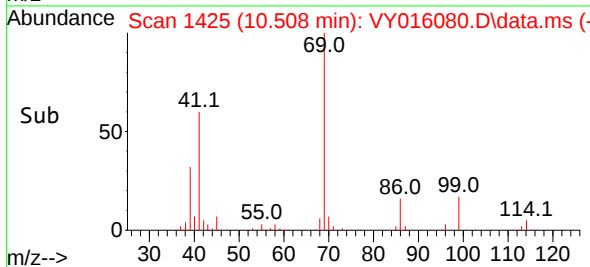
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

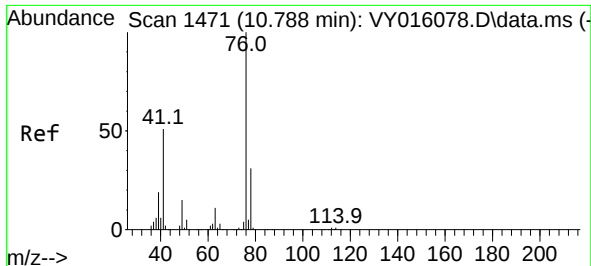


#56
Ethyl methacrylate
Concen: 151.313 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion: 69 Resp: 365888
Ion Ratio Lower Upper
69 100
41 60.1 57.6 86.4
39 30.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 141.704 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 445692

Ion Ratio Lower Upper

76 100

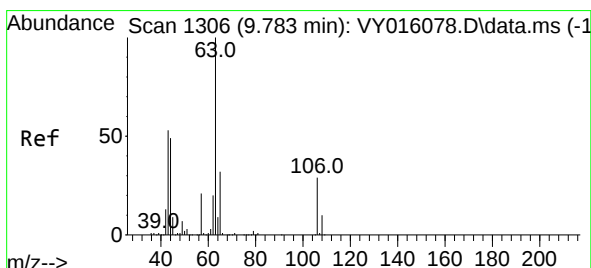
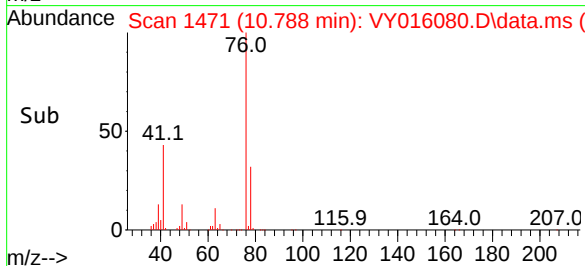
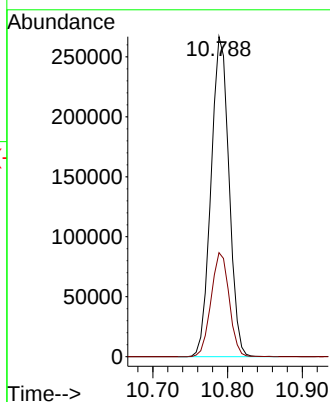
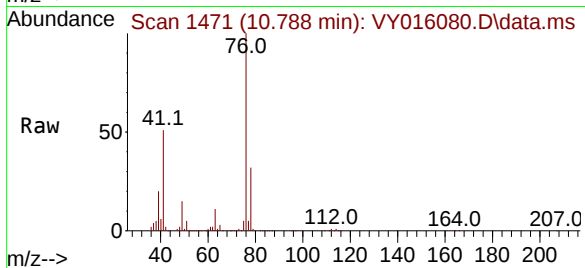
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 751.932 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY016080.D

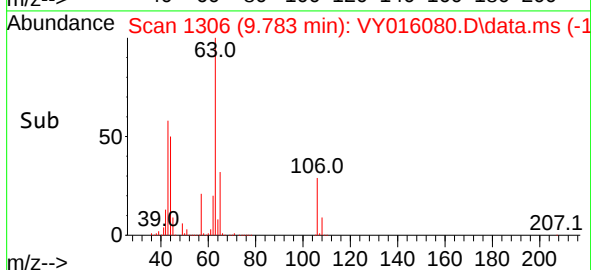
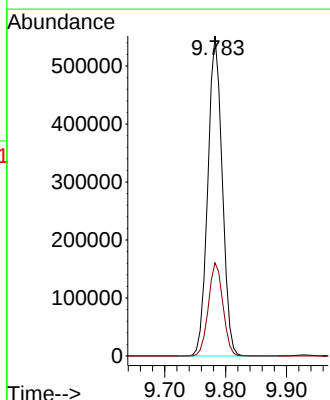
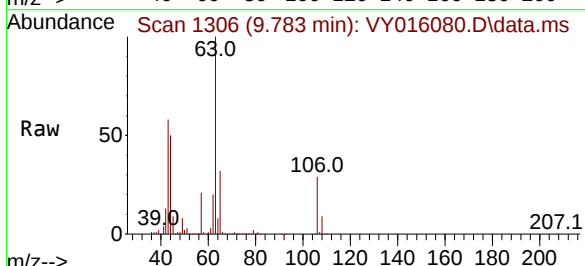
Acq: 26 Oct 2023 13:49

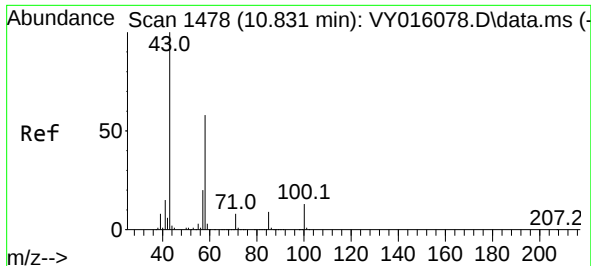
Tgt Ion: 63 Resp: 905173

Ion Ratio Lower Upper

63 100

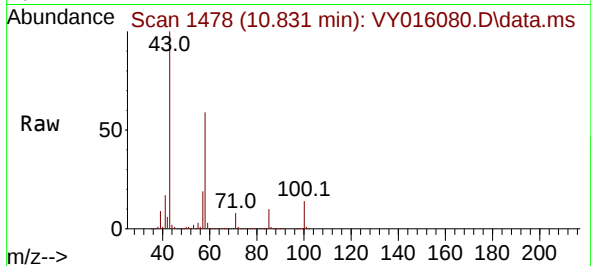
106 29.3 21.2 31.8





#59
2-Hexanone
Concen: 706.643 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

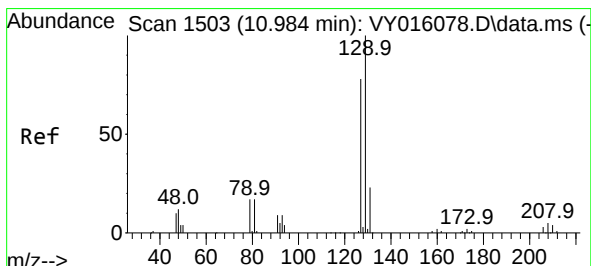
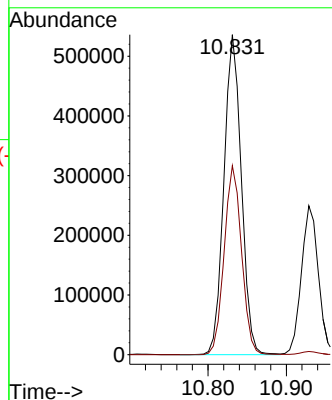
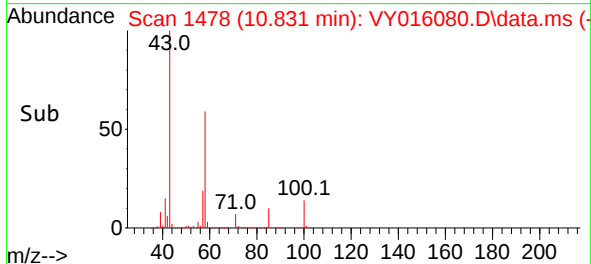
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 829662
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3

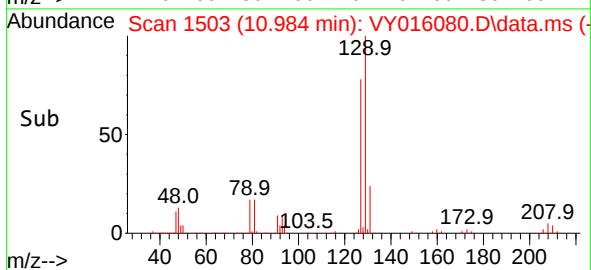
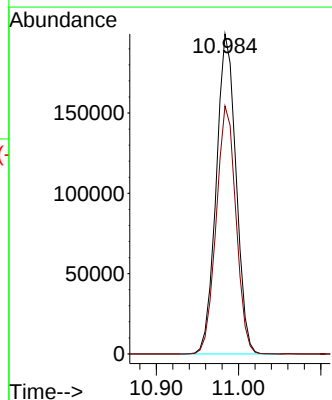
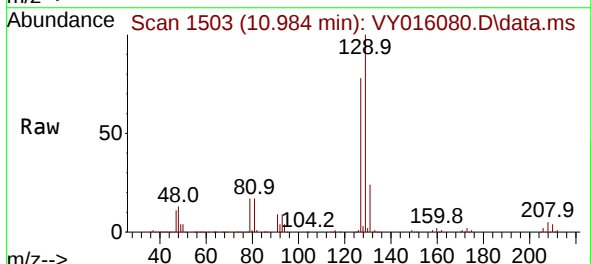
Manual Integrations
APPROVED

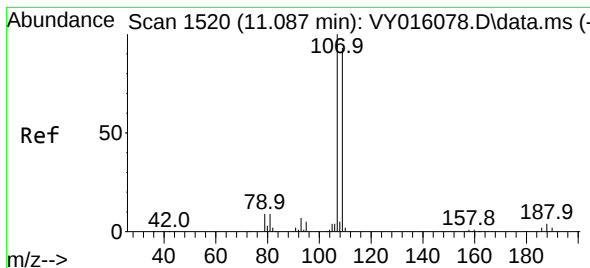
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#60
Dibromochloromethane
Concen: 144.561 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

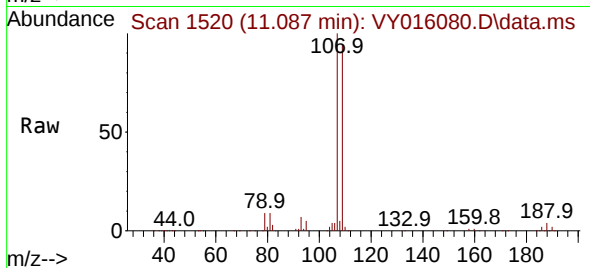
Tgt Ion:129 Resp: 333081
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 143.142 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

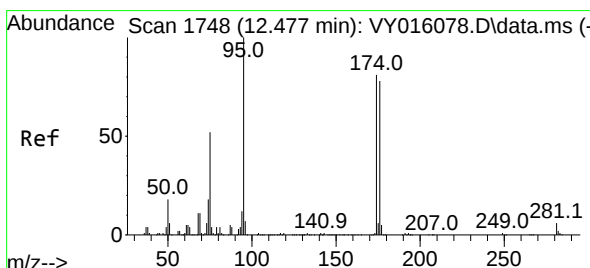
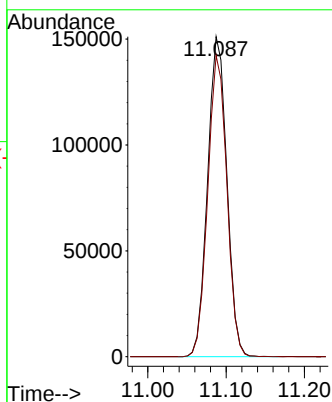
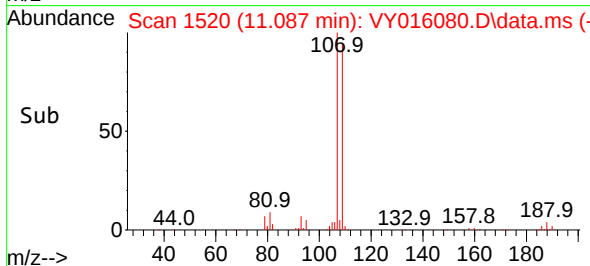
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



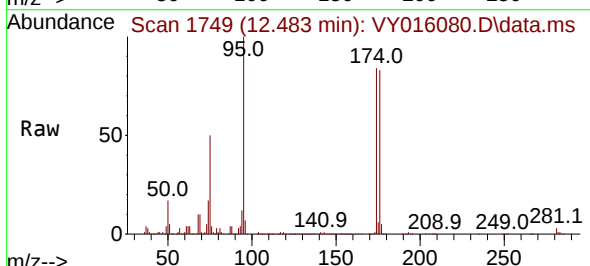
Tgt Ion:107 Resp: 25789
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
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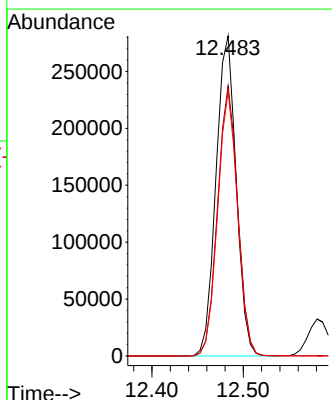
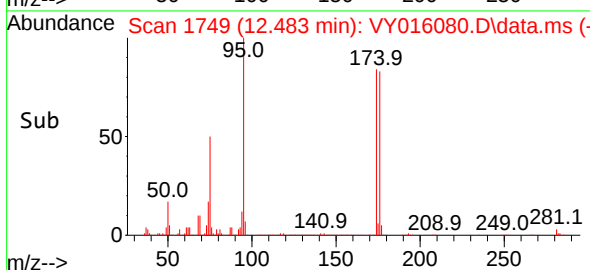
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

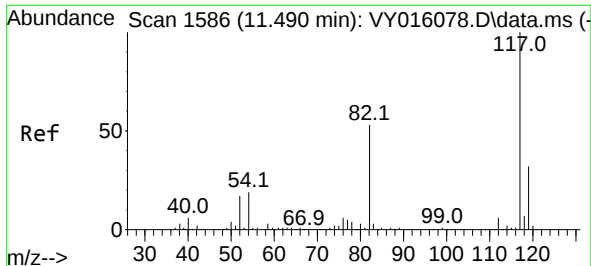


#62
4-Bromofluorobenzene
Concen: 150.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



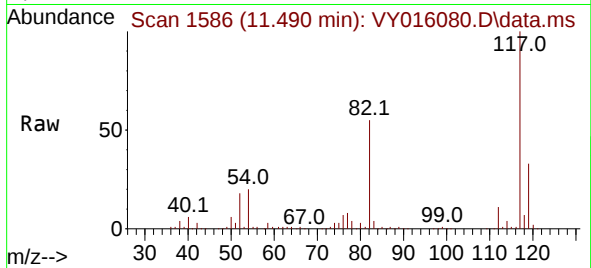
Tgt Ion: 95 Resp: 431726
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

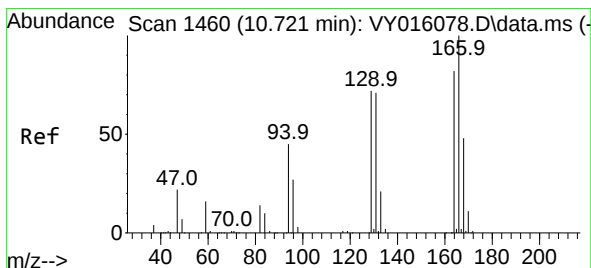
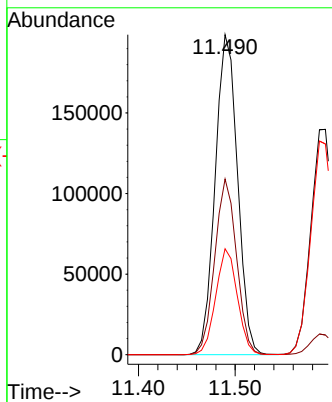
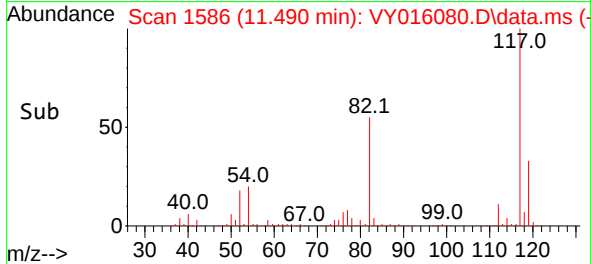
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 318930
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 33.1 26.3 39.5

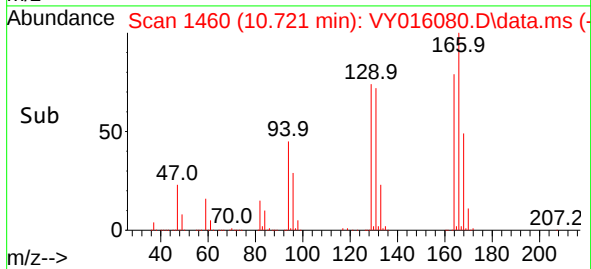
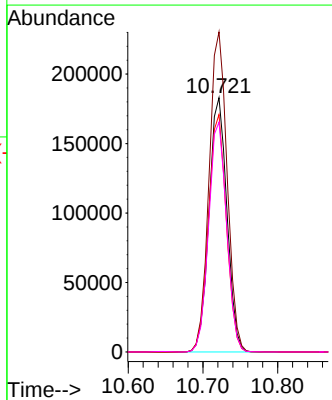
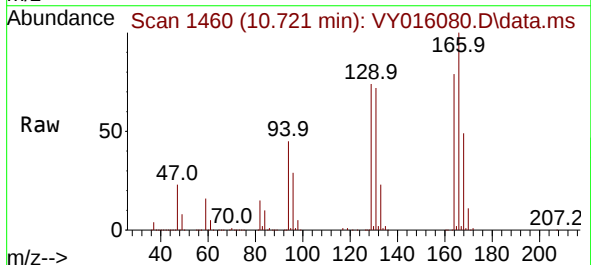
Manual Integrations
APPROVED

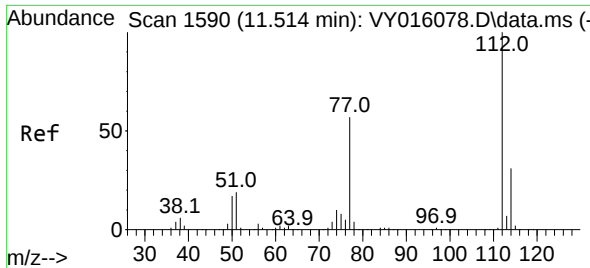
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#64
Tetrachloroethene
Concen: 144.966 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:164 Resp: 305957
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.6
129 93.4 77.2 115.8
131 90.4 69.6 104.4





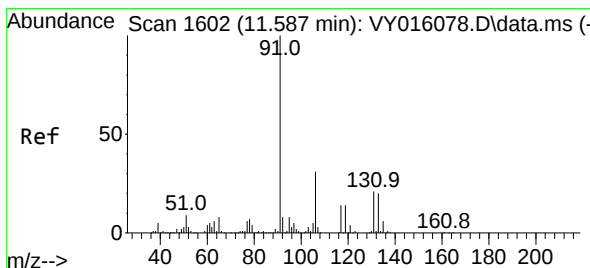
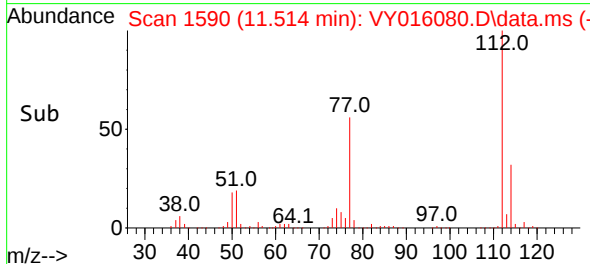
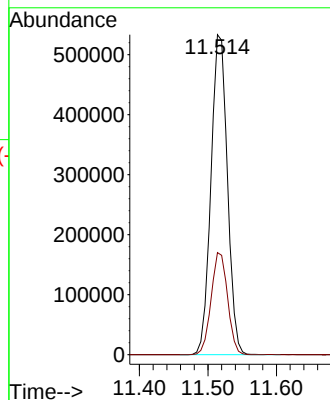
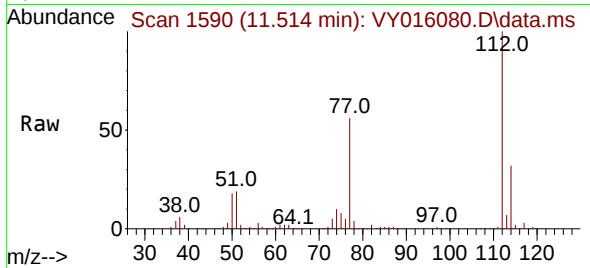
#65
Chlorobenzene
Concen: 142.041 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 89024
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

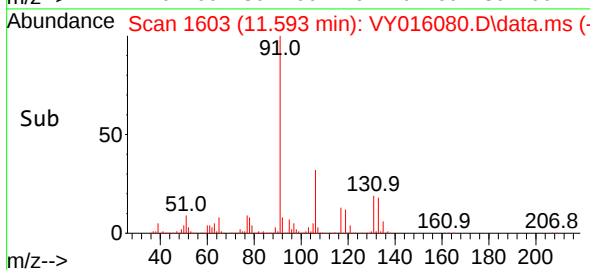
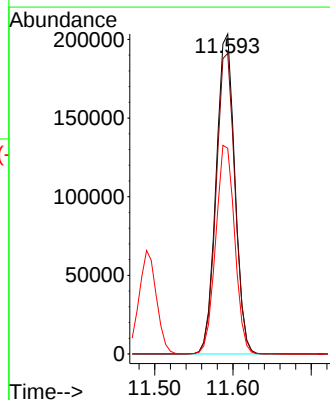
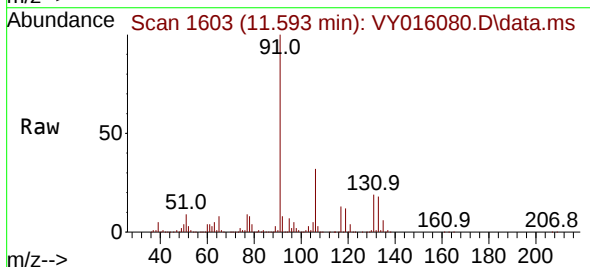
Manual Integrations
APPROVED

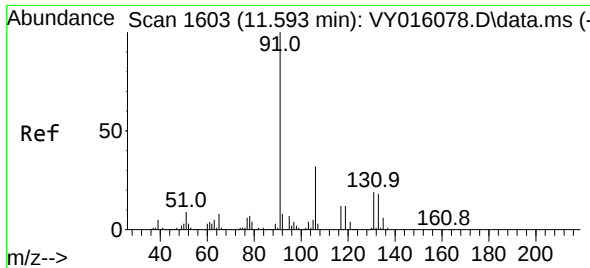
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 144.385 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:131 Resp: 337948
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 66.2 31.6 94.7





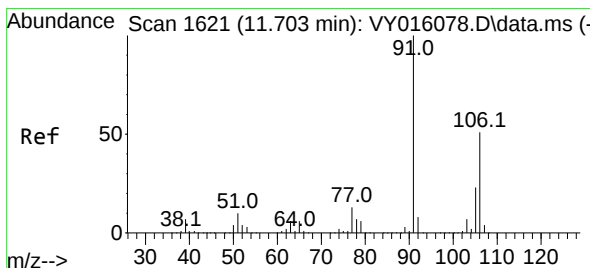
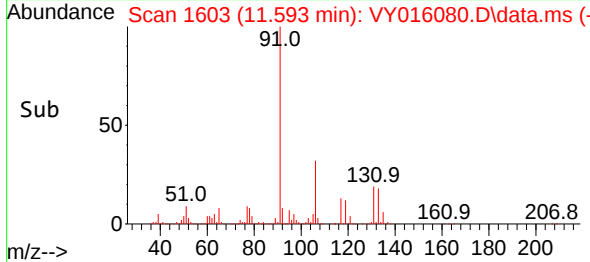
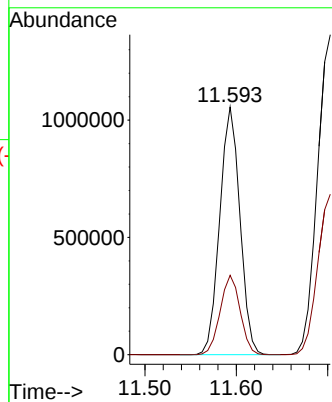
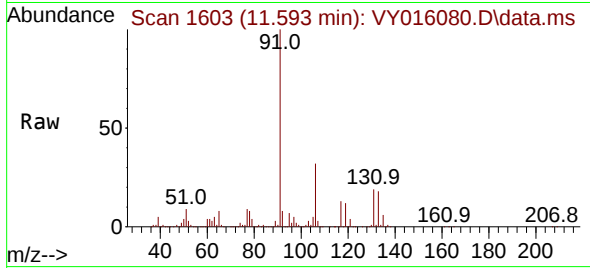
#67
Ethyl Benzene
Concen: 145.786 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1622935
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

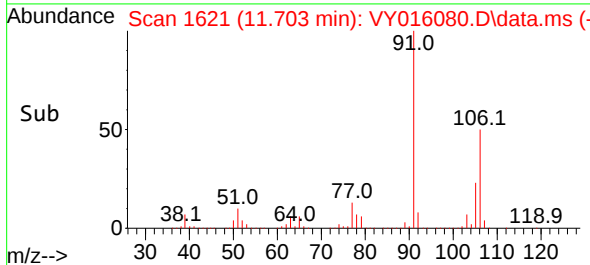
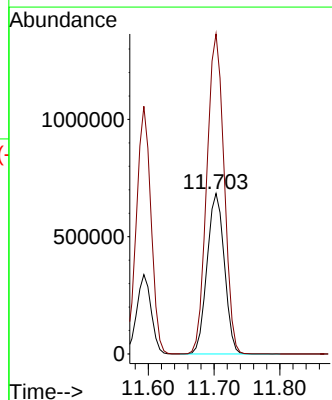
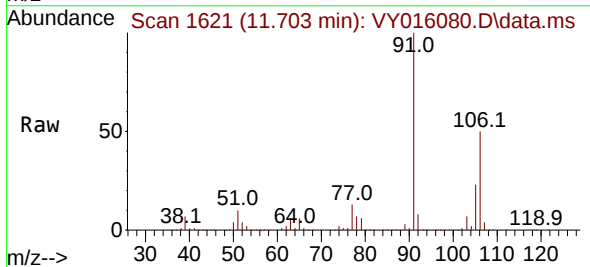
Manual Integrations
APPROVED

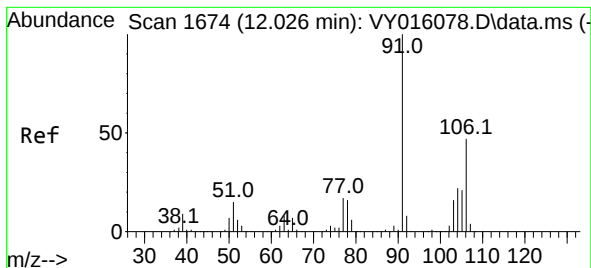
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#68
m/p-Xylenes
Concen: 290.035 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:106 Resp: 1249500
Ion Ratio Lower Upper
106 100
91 199.3 166.1 249.1





#69

o-Xylene

Concen: 146.166 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:106 Resp: 60284

Ion Ratio Lower Upper

106 100

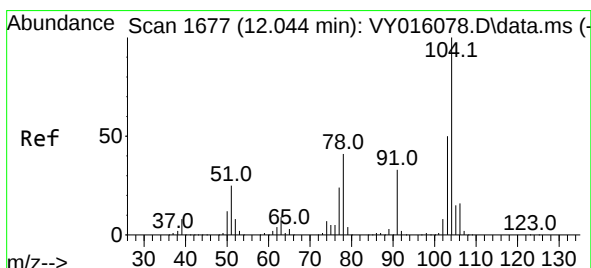
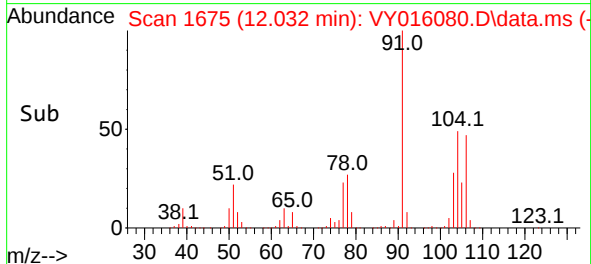
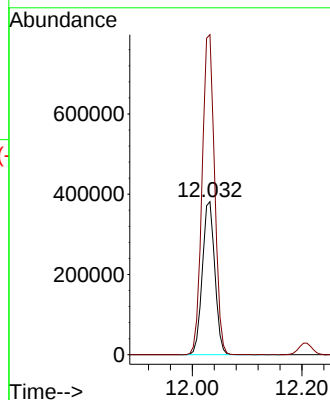
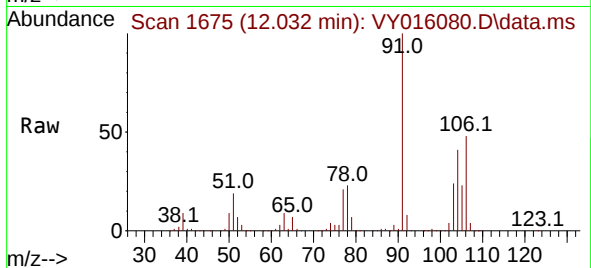
91 209.8 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#70

Styrene

Concen: 147.289 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

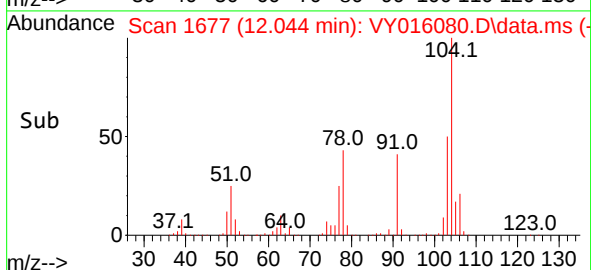
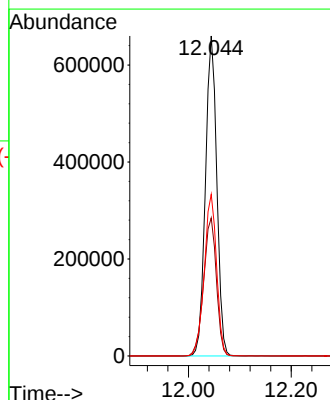
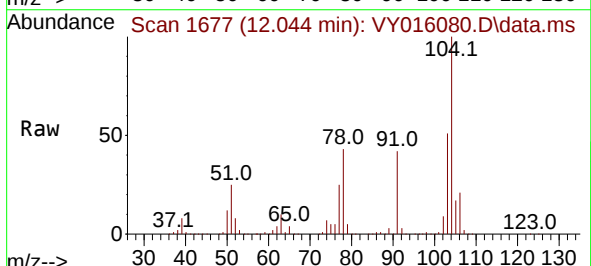
Tgt Ion:104 Resp: 1012611

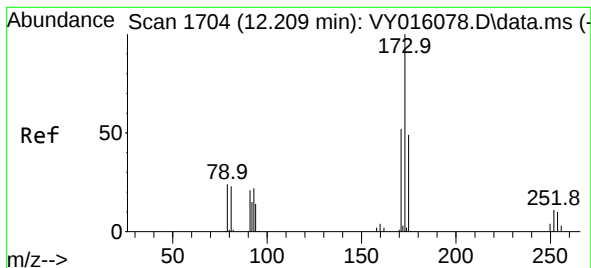
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 145.723 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 207764

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

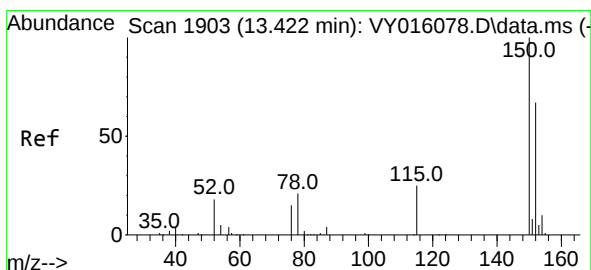
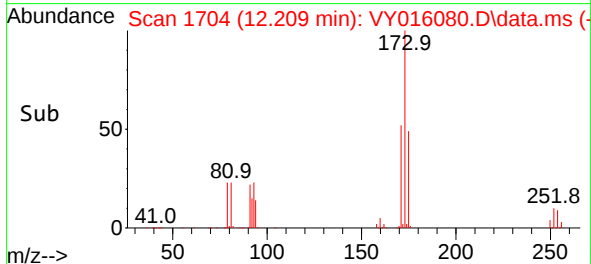
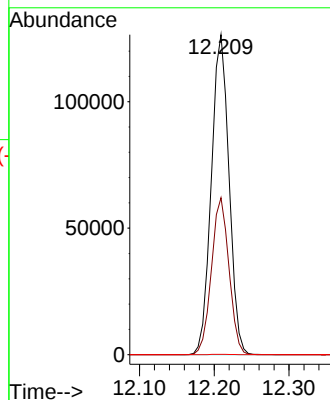
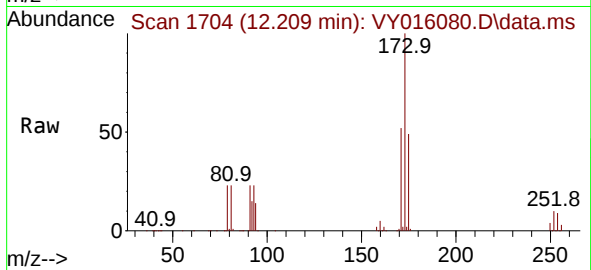
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

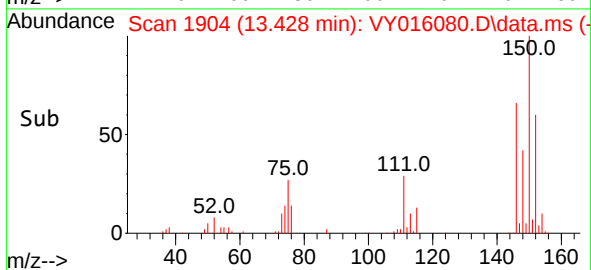
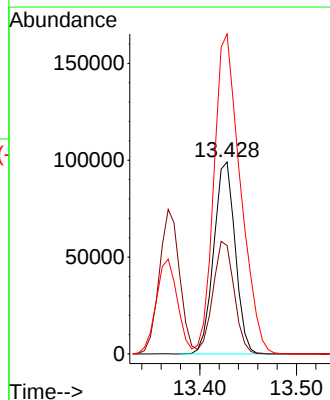
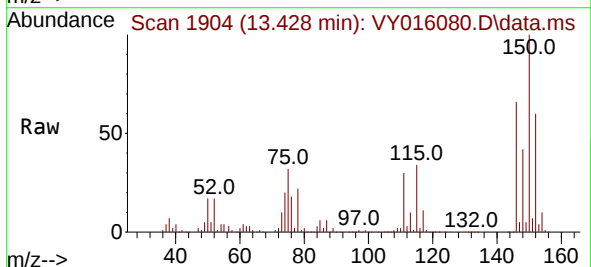
Tgt Ion:152 Resp: 152540

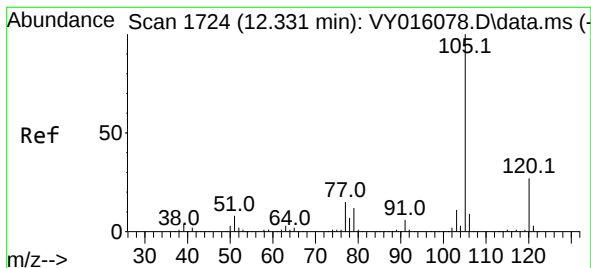
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 206.0 0.0 348.8





#73

Isopropylbenzene

Concen: 148.439 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1593528

Ion Ratio Lower Upper

105 100

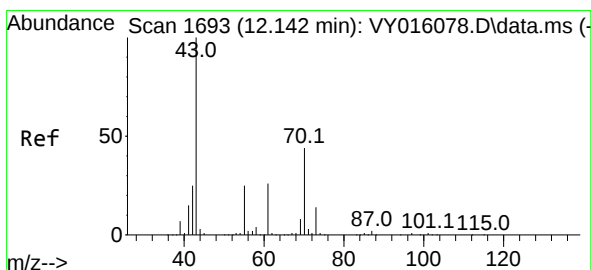
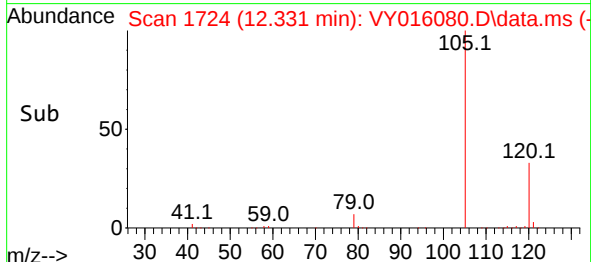
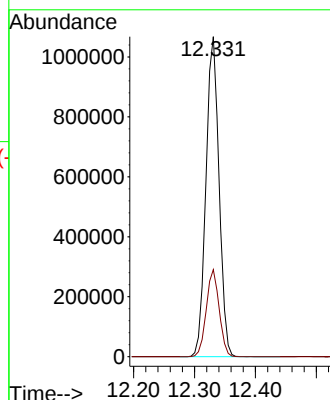
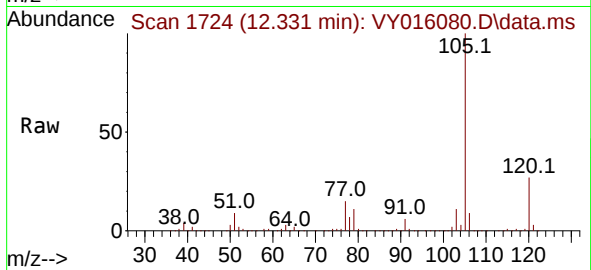
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#74

N-ethyl acetate

Concen: 150.436 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Tgt Ion: 43 Resp: 393785

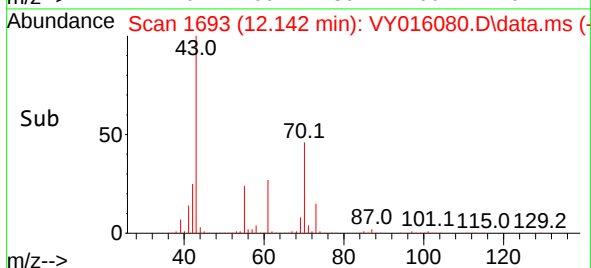
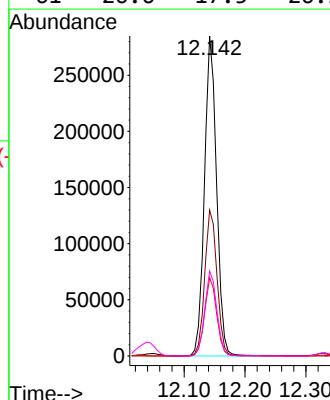
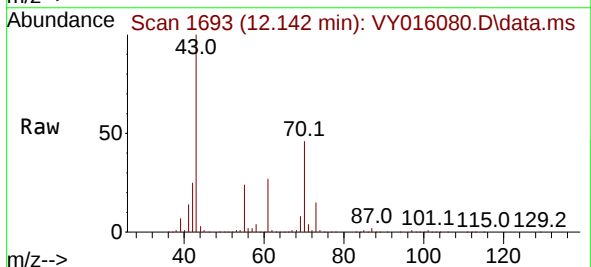
Ion Ratio Lower Upper

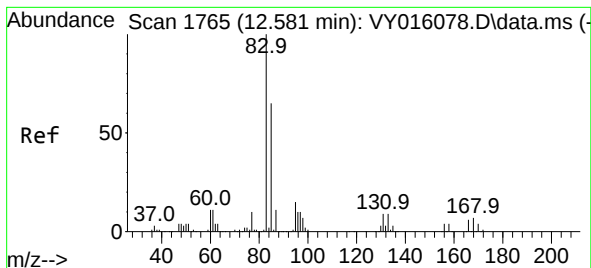
43 100

70 46.4 29.7 44.5#

55 24.5 18.3 27.5

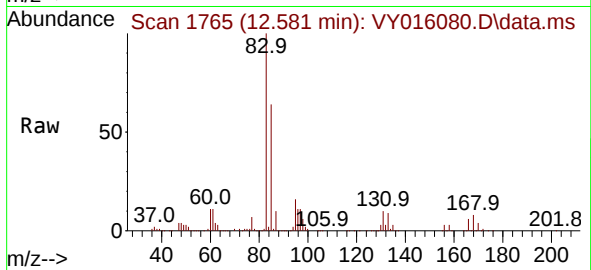
61 26.6 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 143.392 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

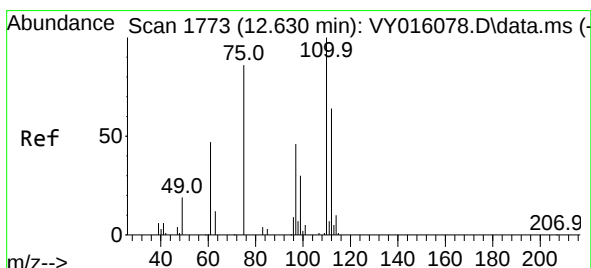
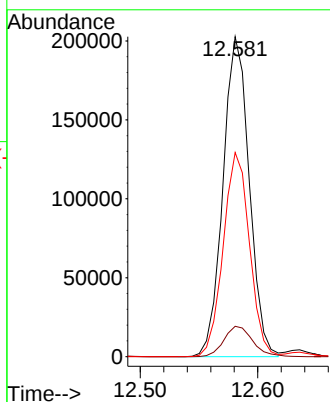
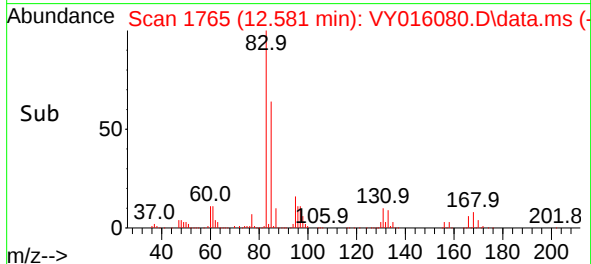
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



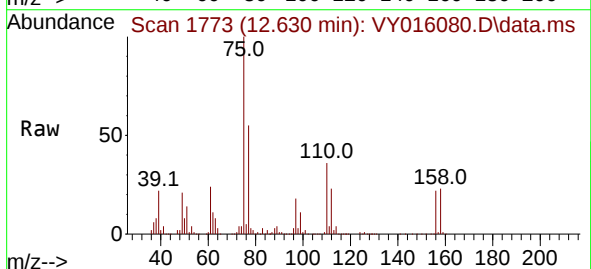
Tgt Ion: 83 Resp: 31466
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 63.8 31.8 95.4

Manual Integrations
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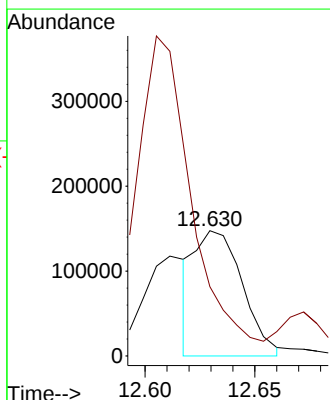
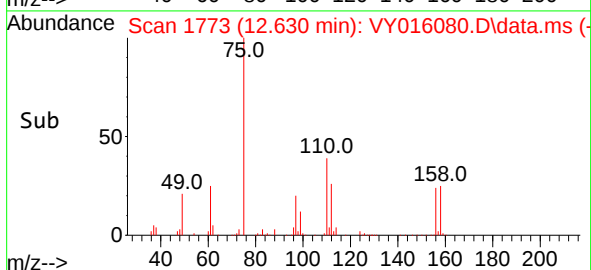
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

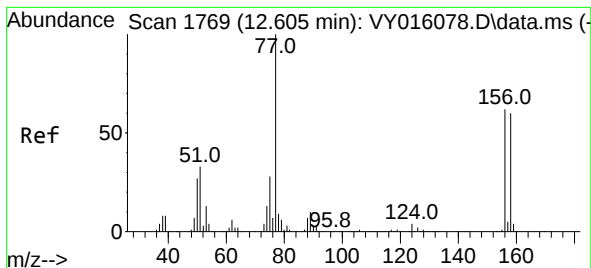


#76
1,2,3-Trichloropropane
Concen: 142.445 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49



Tgt Ion: 75 Resp: 223363
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 144.426 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 36184

Ion Ratio Lower Upper

156 100

77 184.2 92.8 278.6

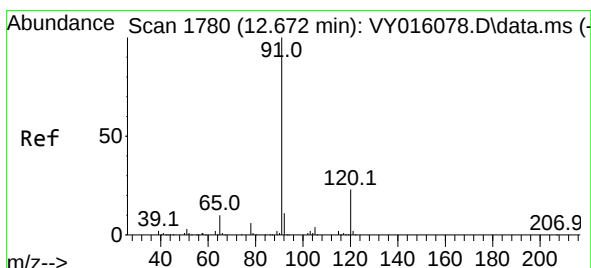
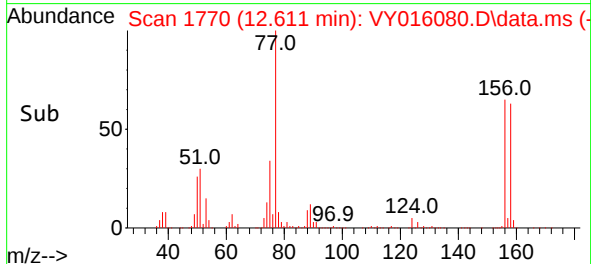
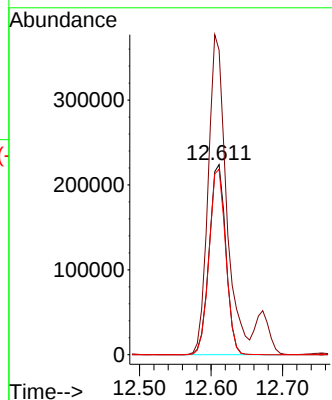
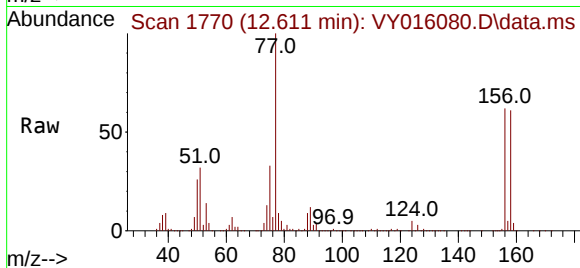
158 97.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#78

n-propylbenzene

Concen: 146.068 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016080.D

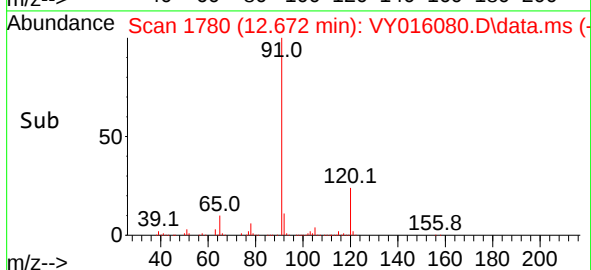
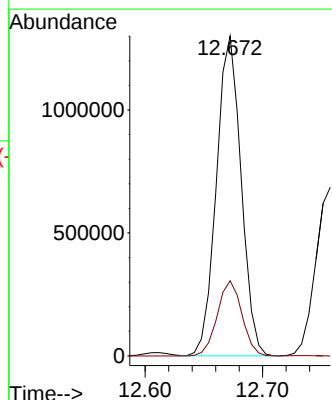
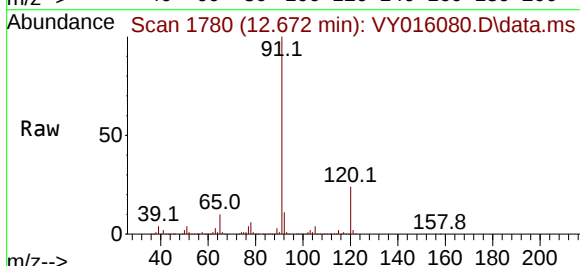
Acq: 26 Oct 2023 13:49

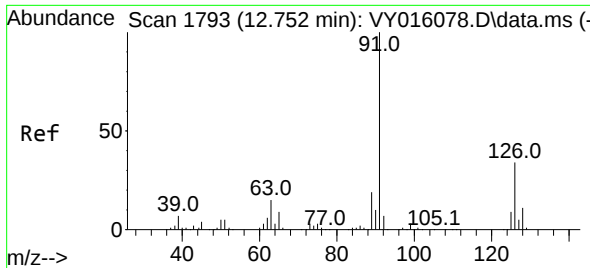
Tgt Ion: 91 Resp: 1898639

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





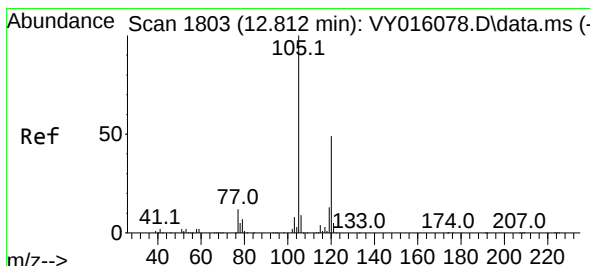
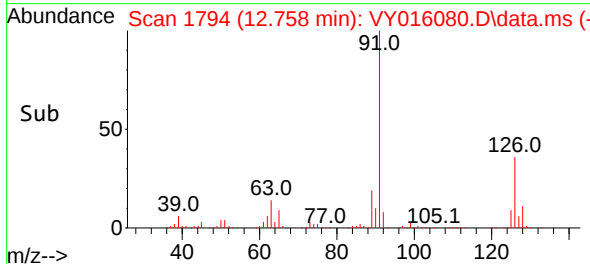
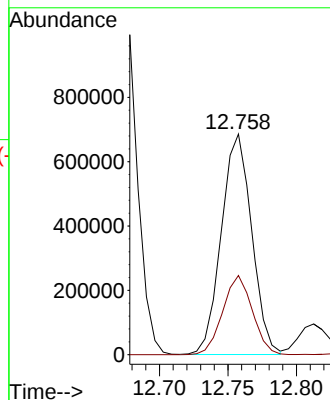
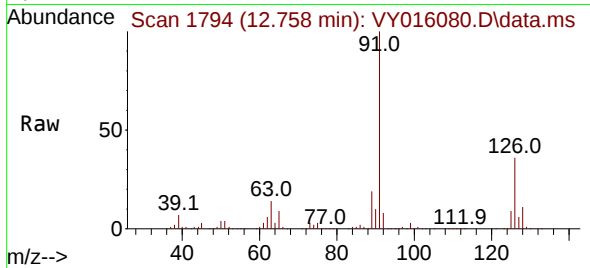
#79
2-Chlorotoluene
Concen: 145.419 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 105861
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

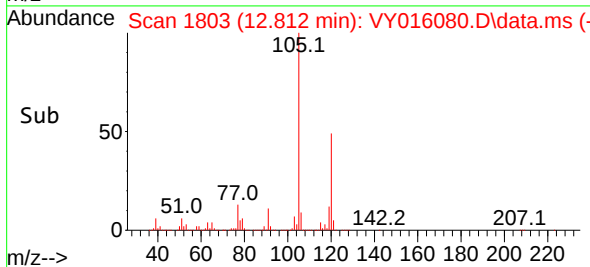
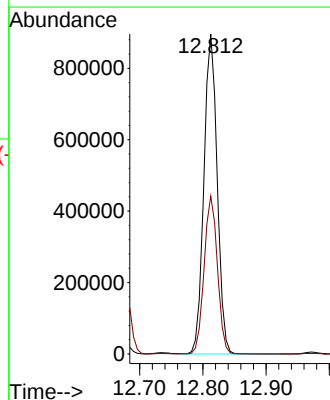
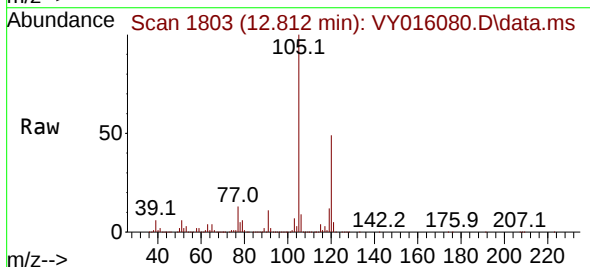
Manual Integrations
APPROVED

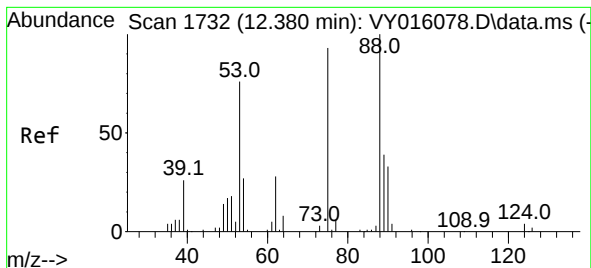
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 146.914 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:105 Resp: 1309432
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





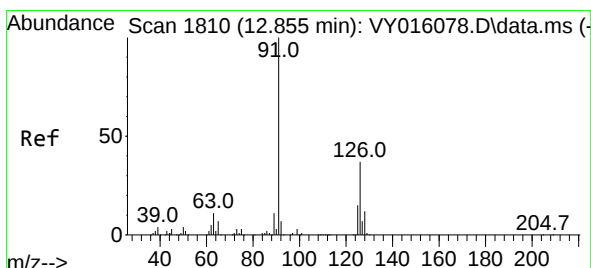
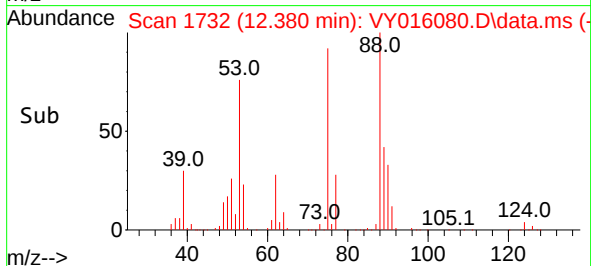
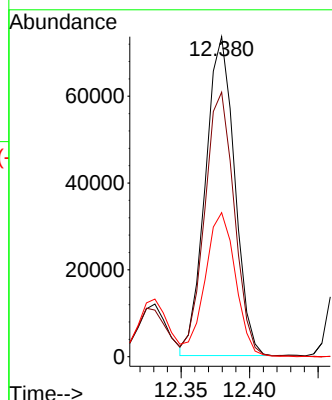
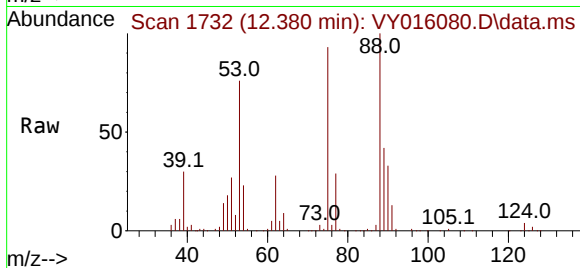
#81
trans-1,4-Dichloro-2-butene
Concen: 152.393 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 10921
Ion Ratio Lower Upper
75 100
53 84.6 77.8 116.8
89 47.1 37.4 56.0

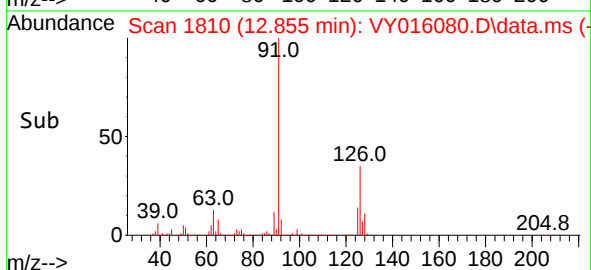
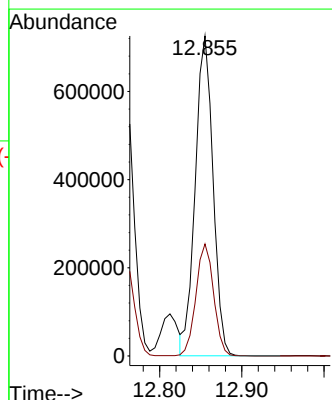
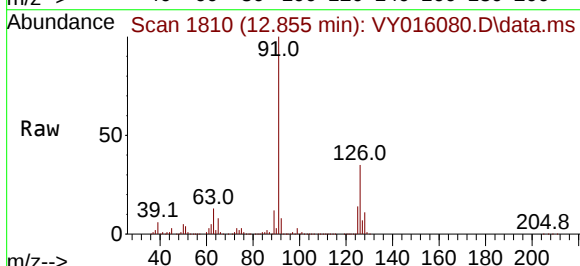
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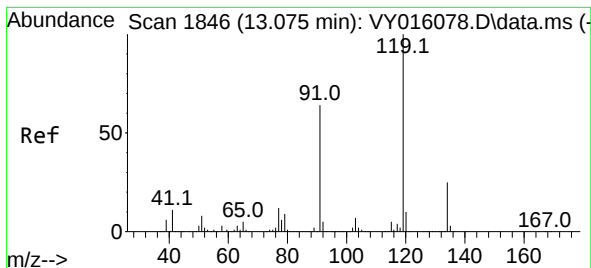
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#82
4-Chlorotoluene
Concen: 144.359 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion: 91 Resp: 1089852
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





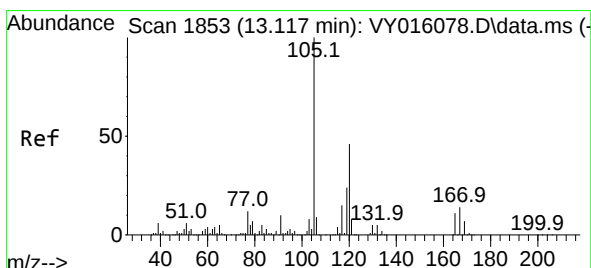
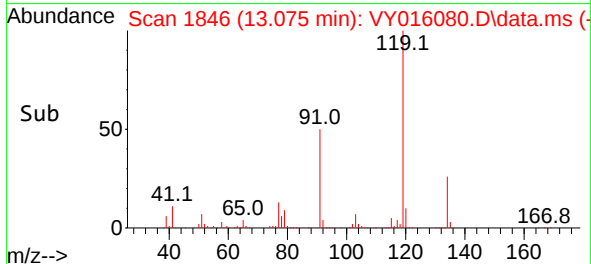
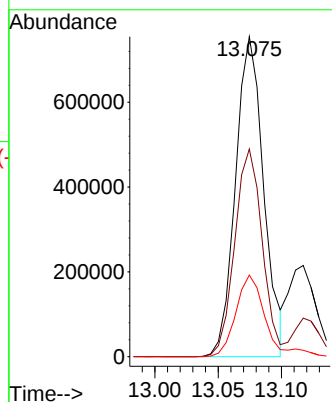
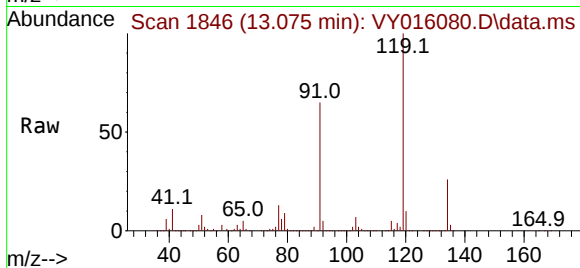
#83
tert-Butylbenzene
Concen: 147.694 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 117011
Ion Ratio Lower Upper
119 100
91 63.3 32.9 98.6
134 26.9 13.0 38.9

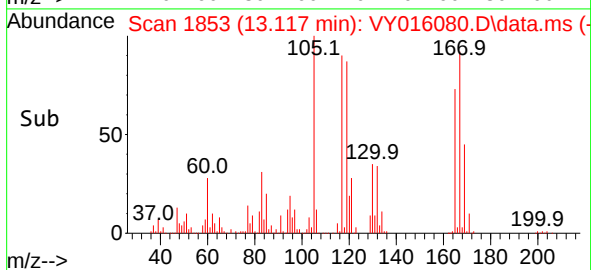
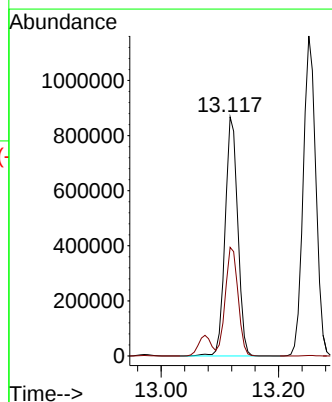
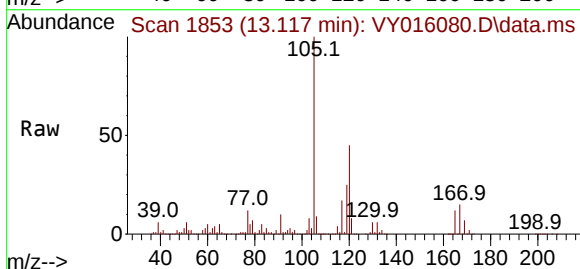
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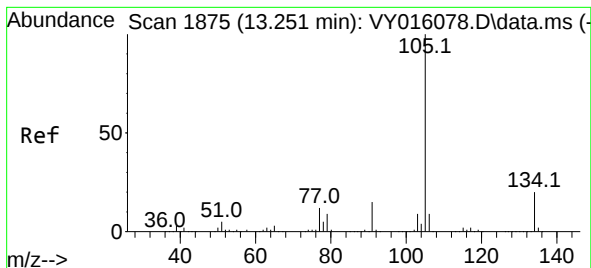
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 147.102 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:105 Resp: 1294887
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 146.282 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 1726108

Ion Ratio Lower Upper

105 100

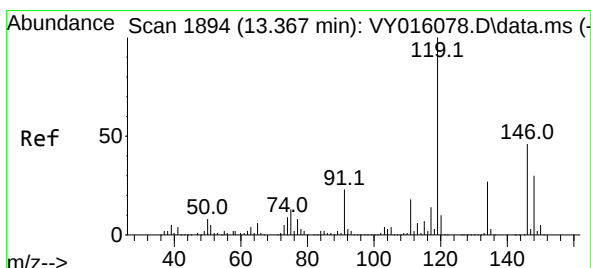
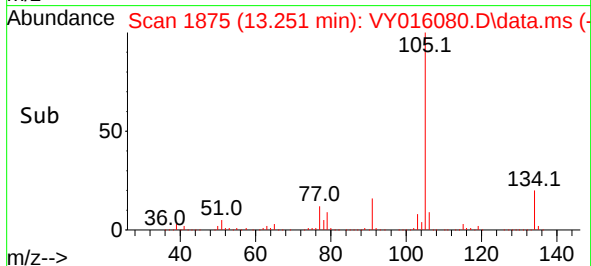
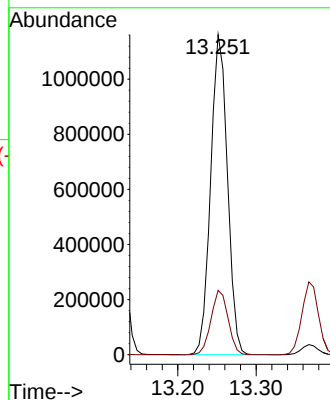
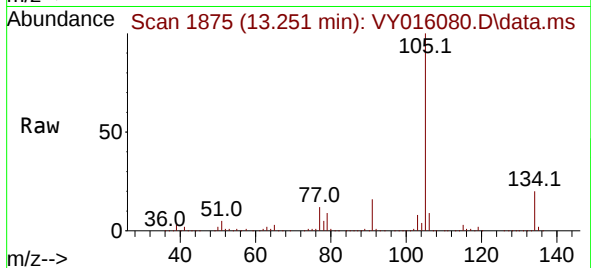
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#86

p-Isopropyltoluene

Concen: 146.746 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

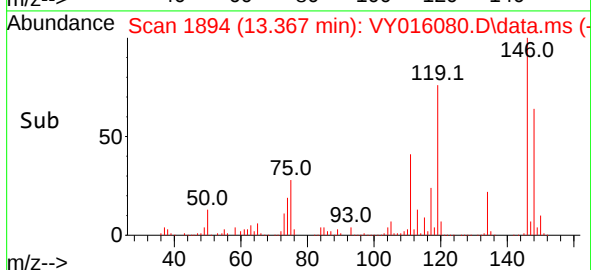
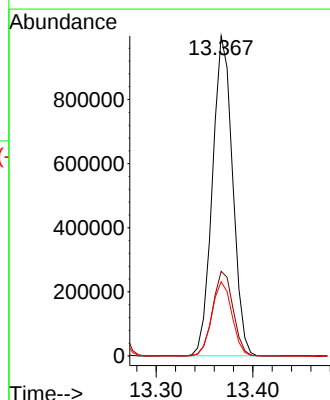
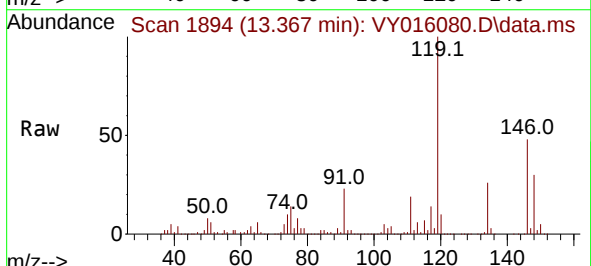
Tgt Ion:119 Resp: 1444888

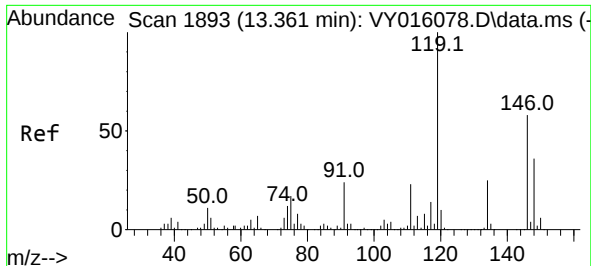
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 143.901 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 72799

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

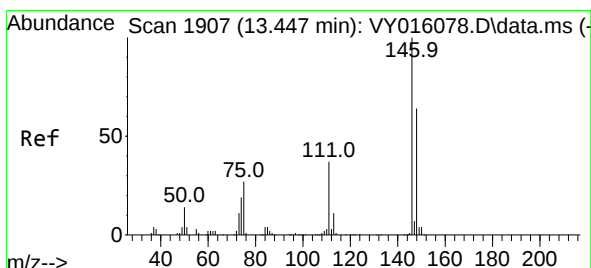
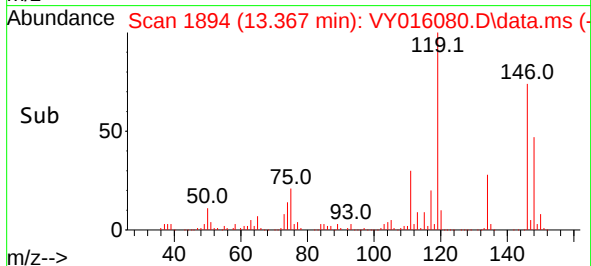
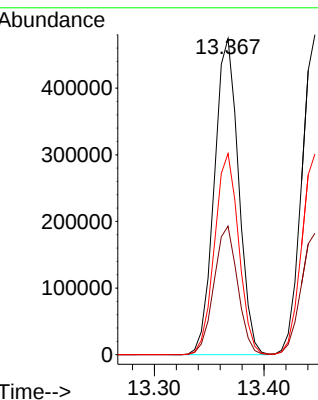
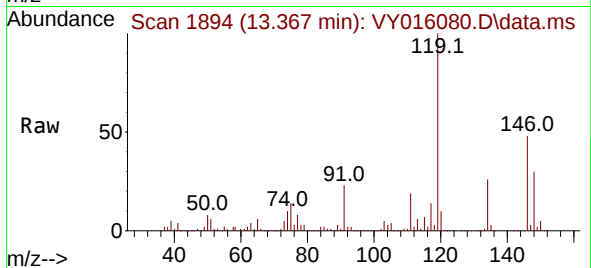
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#88

1,4-Dichlorobenzene

Concen: 142.794 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

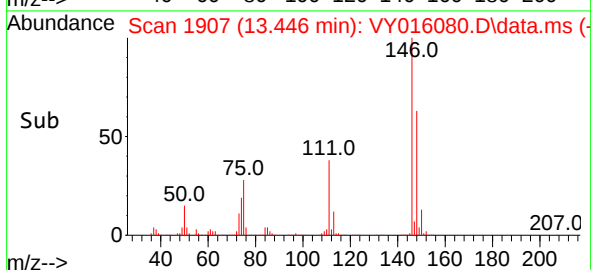
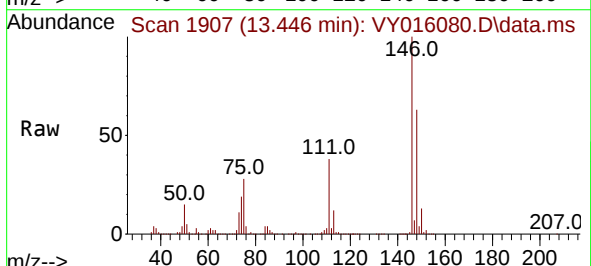
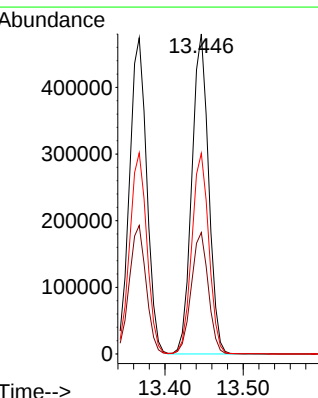
Tgt Ion:146 Resp: 713959

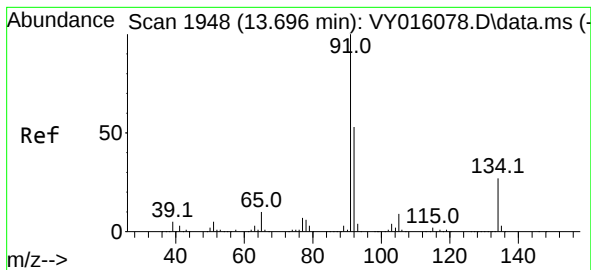
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 63.5 32.1 96.5





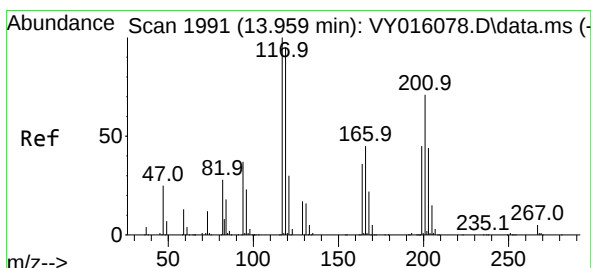
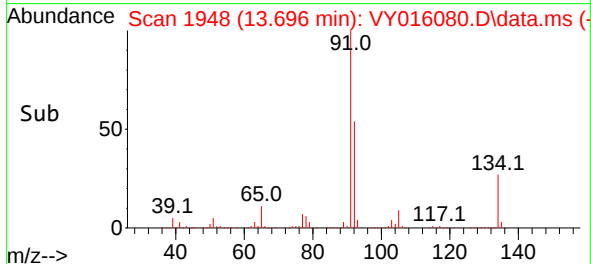
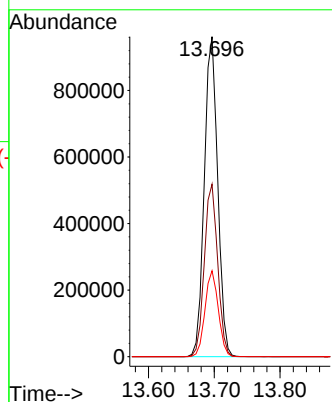
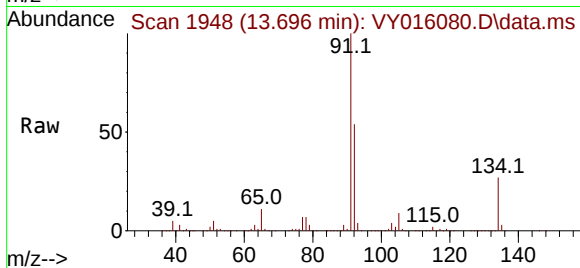
#89
n-Butylbenzene
Concen: 148.307 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1362174
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.6 12.6 37.6

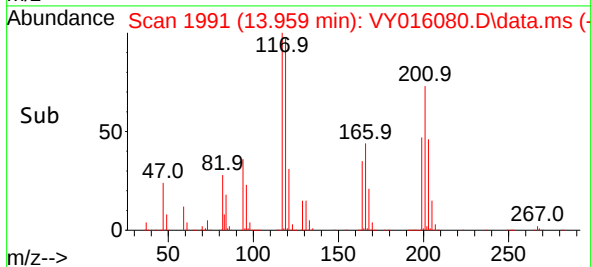
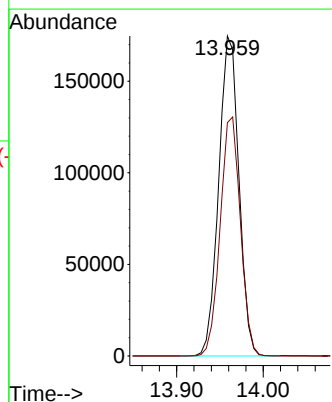
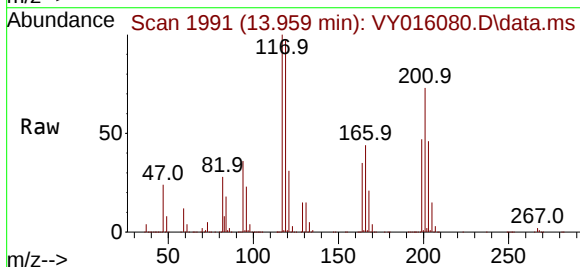
Manual Integrations
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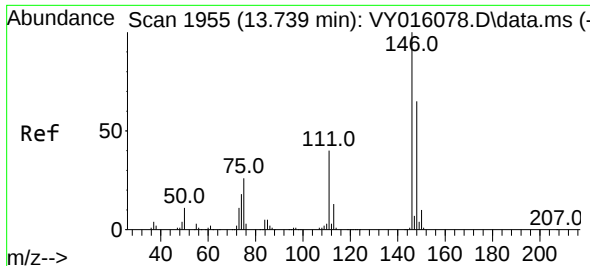
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#90
Hexachloroethane
Concen: 147.601 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Tgt Ion:117 Resp: 282944
Ion Ratio Lower Upper
117 100
201 74.9 41.6 124.8





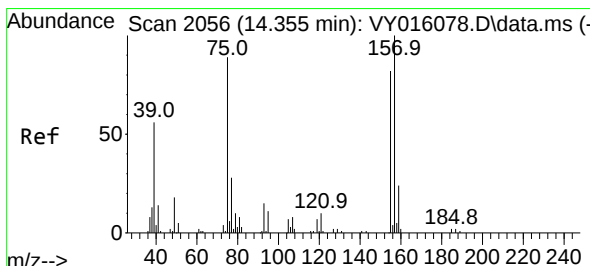
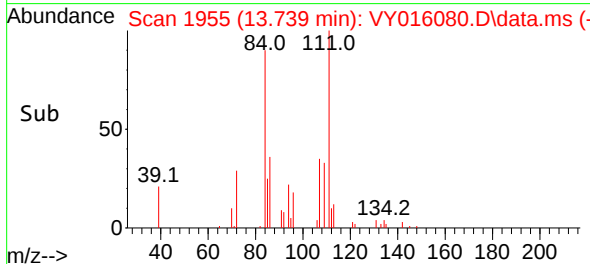
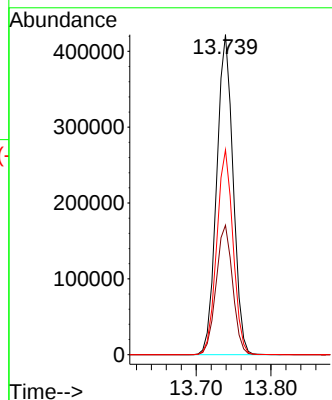
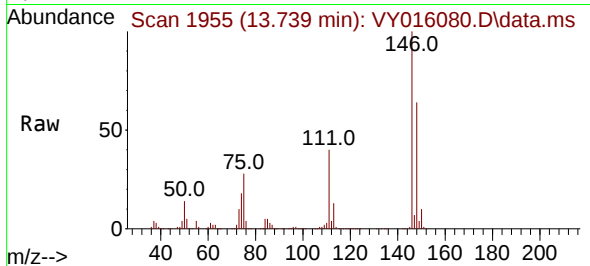
#91
1,2-Dichlorobenzene
Concen: 143.896 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 644539
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.4 32.0 96.2

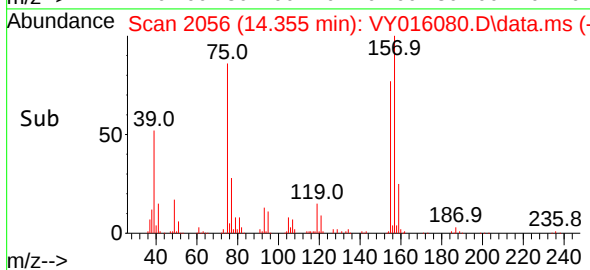
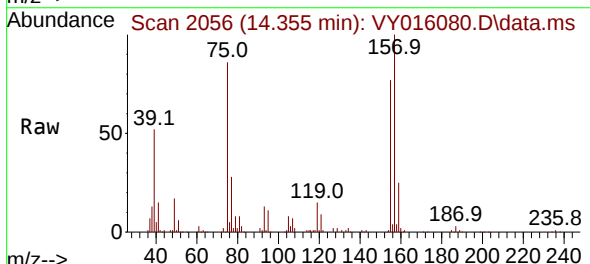
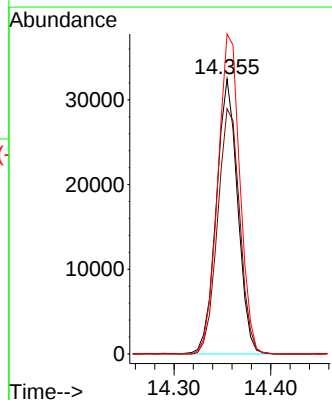
Manual Integrations
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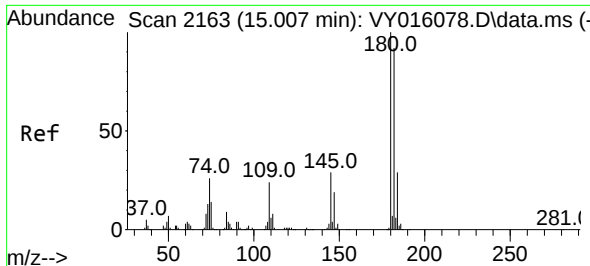
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 144.374 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016080.D
Acq: 26 Oct 2023 13:49

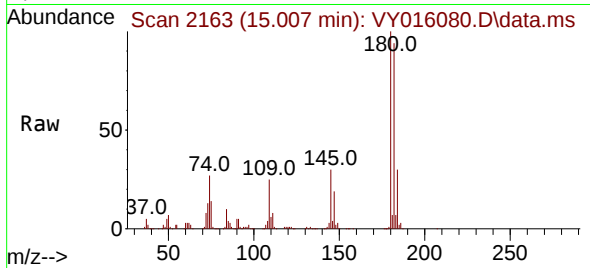
Tgt Ion: 75 Resp: 49739
Ion Ratio Lower Upper
75 100
155 92.4 41.5 124.6
157 120.1 51.8 155.5





#93
 1,2,4-Trichlorobenzene
 Concen: 152.799 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY016080.D
 Acq: 26 Oct 2023 13:49

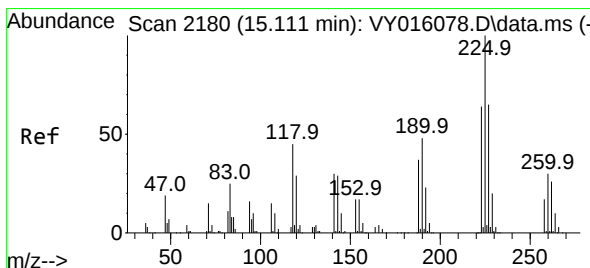
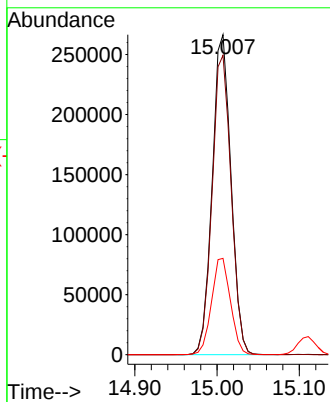
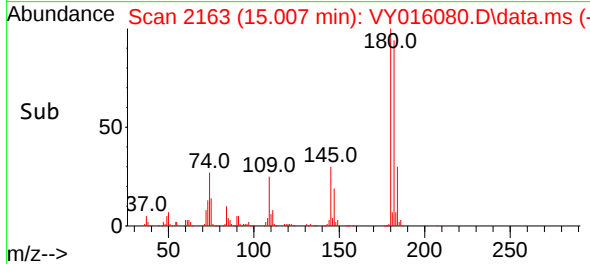
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



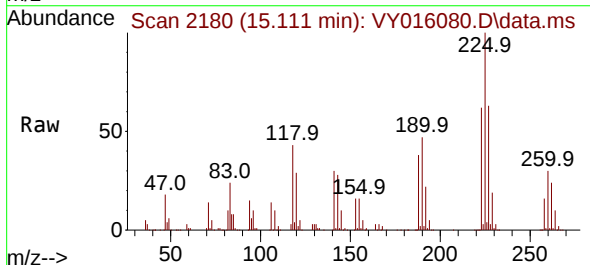
Tgt Ion:180 Resp: 423428
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.0 141.2
 145 30.5 14.5 43.5

Manual Integrations
 APPROVED

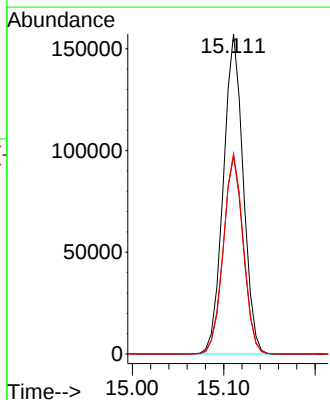
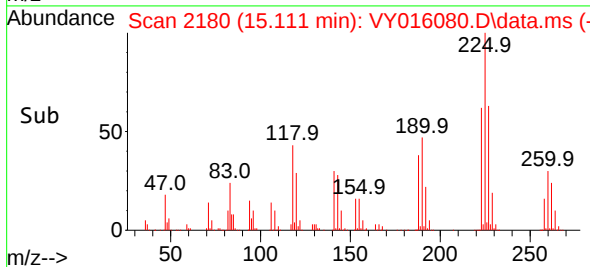
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

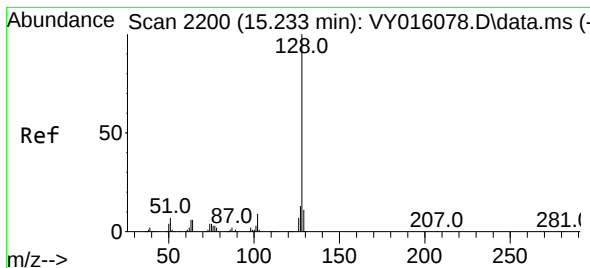


#94
 Hexachlorobutadiene
 Concen: 147.623 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY016080.D
 Acq: 26 Oct 2023 13:49



Tgt Ion:225 Resp: 237428
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.9 95.9
 227 62.9 33.0 98.9





#95

Naphthalene

Concen: 159.424 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

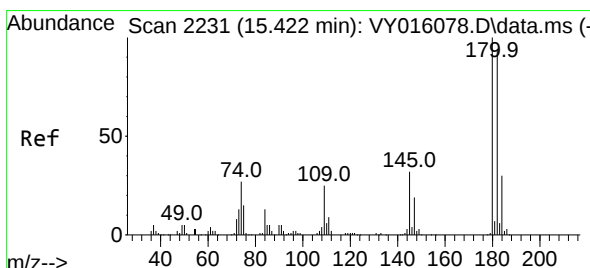
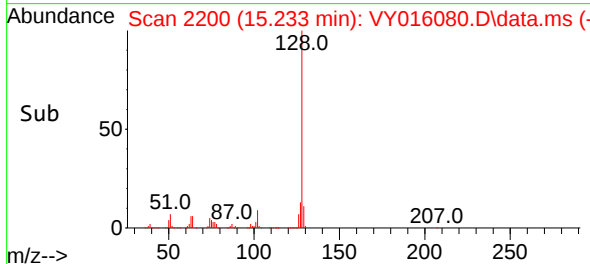
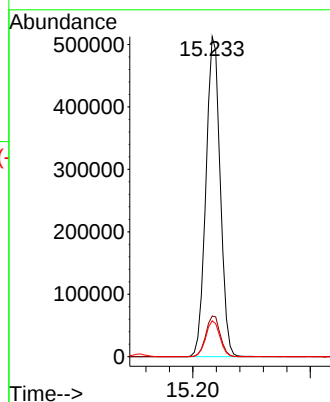
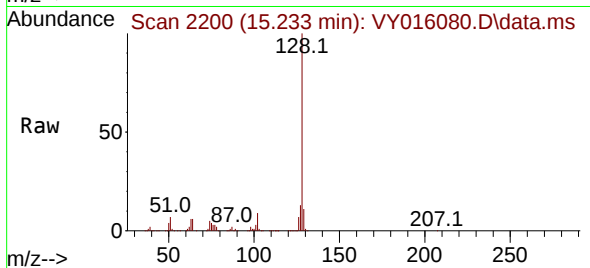
VSTDIC150

Tgt Ion:128 Resp: 861585
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.8 16.2
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 152.937 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016080.D

Acq: 26 Oct 2023 13:49

Tgt Ion:180 Resp: 365478
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 32.2 15.4 46.2

