

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016077.D
 Acq On : 26 Oct 2023 12:22
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 03:57:16 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	201683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	42980	21.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.860%#		
35) Dibromofluoromethane	7.716	113	43705	21.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.660%#		
50) Toluene-d8	10.179	98	161628	21.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	42.580%#		
62) 4-Bromofluorobenzene	12.477	95	54343	20.869	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28029	20.137	ug/l	98
3) Chloromethane	2.113	50	34875	20.447	ug/l	100
4) Vinyl Chloride	2.247	62	39256	20.147	ug/l	98
5) Bromomethane	2.631	94	29947	20.677	ug/l	92
6) Chloroethane	2.784	64	27378	20.513	ug/l	99
7) Trichlorofluoromethane	3.119	101	65128	20.887	ug/l	96
8) Diethyl Ether	3.528	74	21924	20.978	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	39282	20.883	ug/l	96
10) Methyl Iodide	4.088	142	49774	20.709	ug/l	96
11) Tert butyl alcohol	4.942	59	33597	139.287	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	36289	21.057	ug/l	90
13) Acrolein	3.723	56	27914	111.755	ug/l	98
14) Allyl chloride	4.473	41	56039	20.801	ug/l	92
15) Acrylonitrile	5.155	53	53783	104.901	ug/l	99
16) Acetone	3.948	43	57771	106.280	ug/l #	89
17) Carbon Disulfide	4.192	76	99629	20.899	ug/l	98
18) Methyl Acetate	4.473	43	39801	20.710	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	101151	20.581	ug/l	99
20) Methylene Chloride	4.710	84	50997	20.676	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	41786	20.917	ug/l	95
22) Diisopropyl ether	6.119	45	123267	20.925	ug/l	91
23) Vinyl Acetate	6.058	43	332718	105.415	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	74231	20.916	ug/l	97
25) 2-Butanone	6.984	43	78579	107.109	ug/l	94
26) 2,2-Dichloropropane	6.978	77	66999	20.307	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	48590	20.711	ug/l	93
28) Bromochloromethane	7.332	49	30586	21.066	ug/l	93
29) Tetrahydrofuran	7.344	42	45153	107.269	ug/l	92
30) Chloroform	7.503	83	78877	21.039	ug/l	98
31) Cyclohexane	7.783	56	64305	20.382	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	70456	20.951	ug/l	98
36) 1,1-Dichloropropene	7.917	75	58878	20.610	ug/l	99
37) Ethyl Acetate	7.070	43	31114	21.249	ug/l #	95
38) Carbon Tetrachloride	7.899	117	62389	20.652	ug/l	96
39) Methylcyclohexane	9.179	83	71596	20.572	ug/l	95
40) Benzene	8.161	78	168694	20.857	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16829m	21.961	ug/l	
42) 1,2-Dichloroethane	8.234	62	49380	21.129	ug/l	93
43) Isopropyl Acetate	8.271	43	57402	20.967	ug/l	93
44) Trichloroethene	8.935	130	47895	21.207	ug/l	97
45) 1,2-Dichloropropane	9.216	63	42669	20.844	ug/l	97
46) Dibromomethane	9.301	93	25651	21.371	ug/l	97
47) Bromodichloromethane	9.496	83	61105	21.050	ug/l	99
48) Methyl methacrylate	9.289	41	26181	20.757	ug/l	87
49) 1,4-Dioxane	9.295	88	6619	440.769	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	156047	108.019	ug/l	93
52) Toluene	10.240	92	108337	20.859	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62030	20.897	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	69967	20.843	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	36301	21.286	ug/l	96
56) Ethyl methacrylate	10.508	69	46099	21.034	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	60135	21.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	120852	110.764	ug/l	94
59) 2-Hexanone	10.831	43	115712	108.736	ug/l	89
60) Dibromochloromethane	10.984	129	43701	20.926	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34693	21.245	ug/l	97
64) Tetrachloroethene	10.721	164	39917	21.004	ug/l	94
65) Chlorobenzene	11.514	112	120326	21.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43740	20.754	ug/l	96
67) Ethyl Benzene	11.593	91	209747	20.924	ug/l	98
68) m/p-Xylenes	11.703	106	164522	42.411	ug/l	95
69) o-Xylene	12.026	106	78457	21.126	ug/l	94
70) Styrene	12.044	104	130942	21.152	ug/l	96
71) Bromoform	12.209	173	26786	20.865	ug/l #	99
73) Isopropylbenzene	12.331	105	207825	20.813	ug/l	100
74) N-amyl acetate	12.142	43	50776	20.854	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	42923	21.028	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29790m	20.424	ug/l	
77) Bromobenzene	12.605	156	48857	20.965	ug/l	97
78) n-propylbenzene	12.672	91	253260	20.947	ug/l	100
79) 2-Chlorotoluene	12.758	91	141215	20.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	173684	20.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13741	20.613	ug/l	95
82) 4-Chlorotoluene	12.855	91	146739	20.896	ug/l	99
83) tert-Butylbenzene	13.075	119	154413	20.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	171941	20.999	ug/l	99
85) sec-Butylbenzene	13.251	105	228356	20.805	ug/l	99
86) p-Isopropyltoluene	13.367	119	191360	20.894	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	98044	20.835	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	97025	20.862	ug/l	99
89) n-Butylbenzene	13.697	91	177976	20.832	ug/l	97
90) Hexachloroethane	13.959	117	36601	20.527	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	87005	20.883	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6846	21.363	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	51433	19.954	ug/l	97
94) Hexachlorobutadiene	15.111	225	31080	20.775	ug/l	97
95) Naphthalene	15.233	128	99971	19.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44226	19.896	ug/l	97

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Response via : Initial Calibration

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

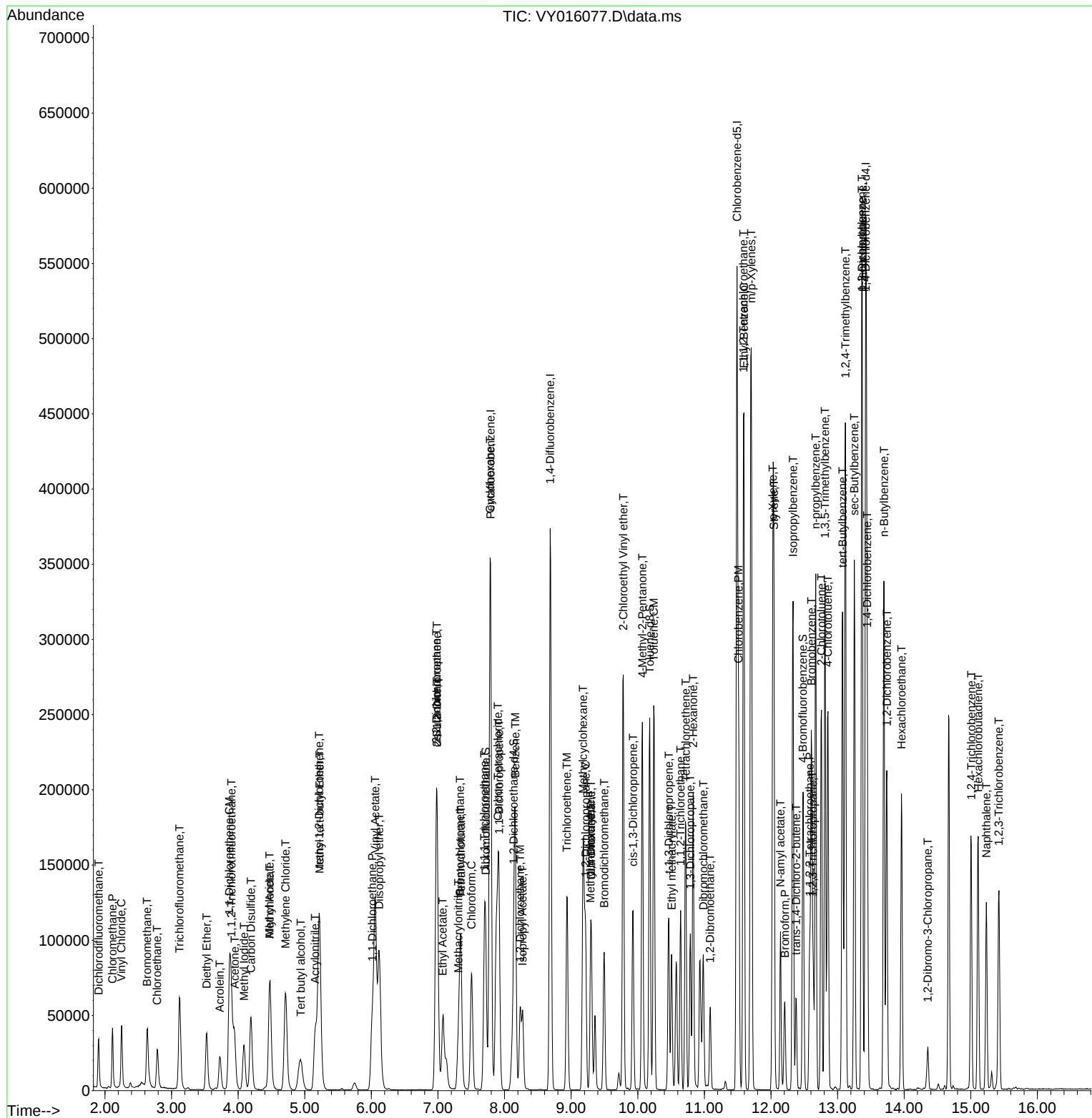
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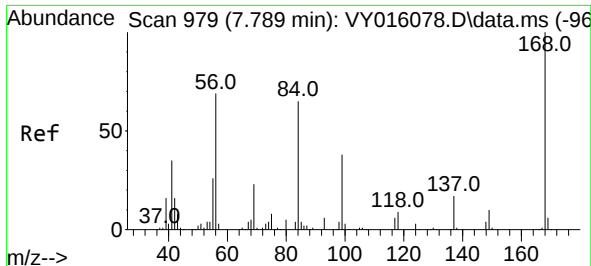
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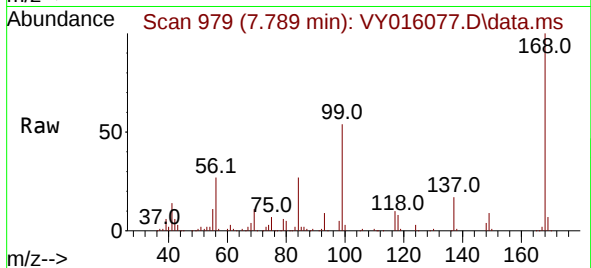
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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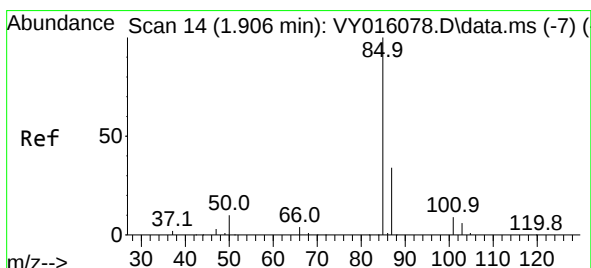
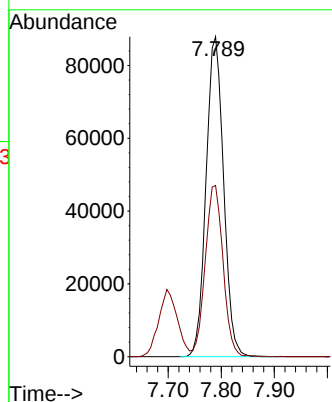
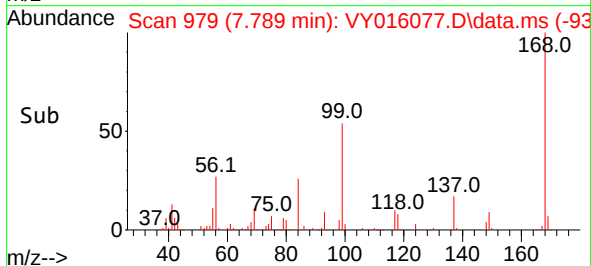
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 20168
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0

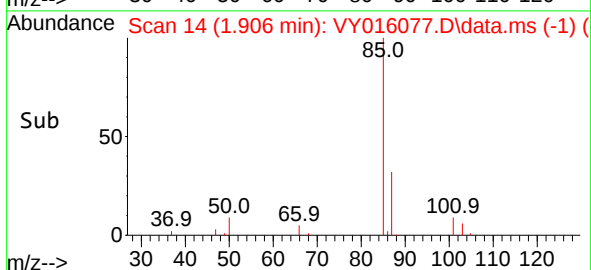
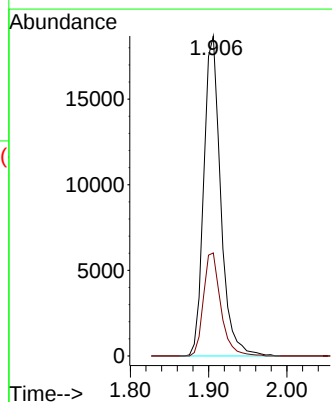
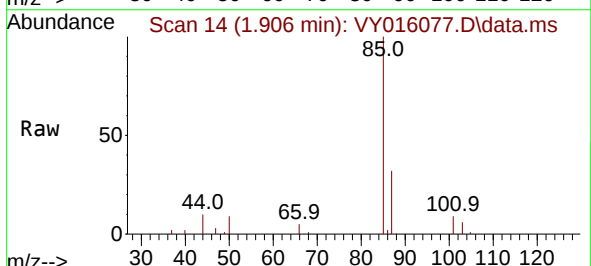
Manual Integrations
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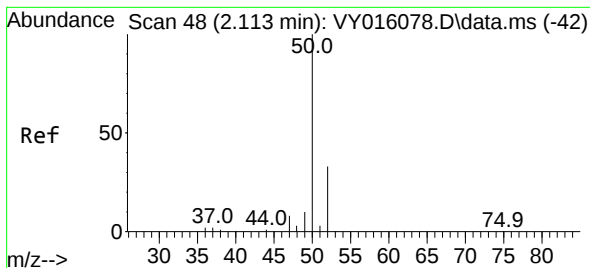
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#2
Dichlorodifluoromethane
Concen: 20.137 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 85 Resp: 28029
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 20.447 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 3487

Ion Ratio Lower Upper

50 100

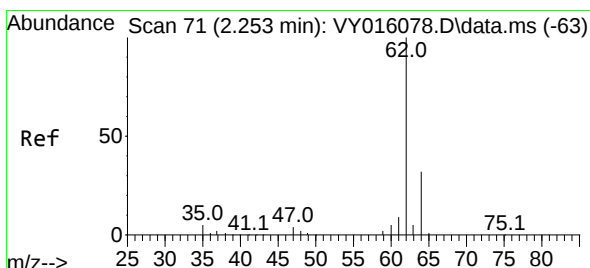
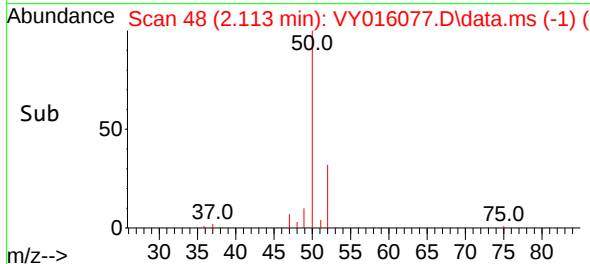
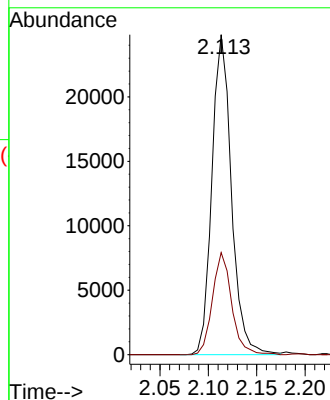
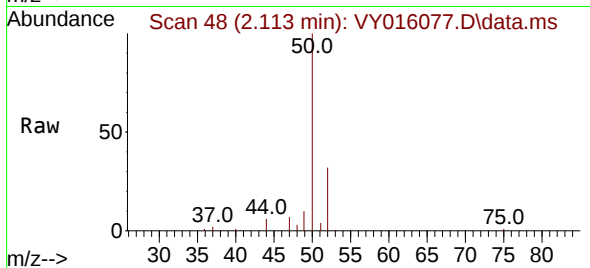
52 31.9 25.4 38.2

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 10/27/2023



#4

Vinyl Chloride

Concen: 20.147 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY016077.D

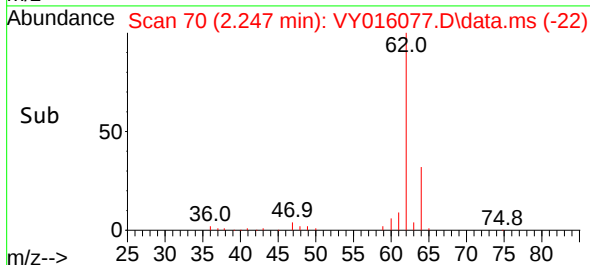
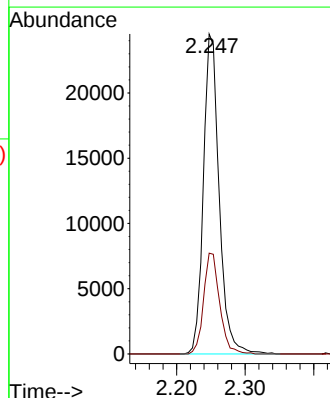
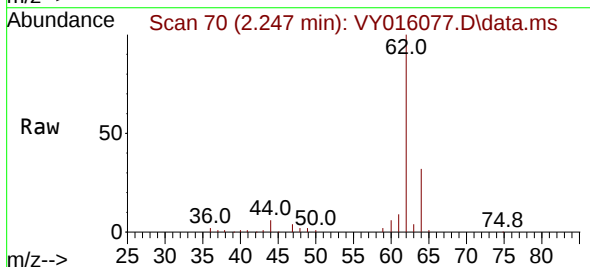
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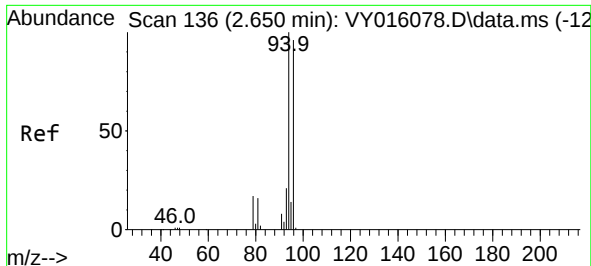
Tgt Ion: 62 Resp: 39256

Ion Ratio Lower Upper

62 100

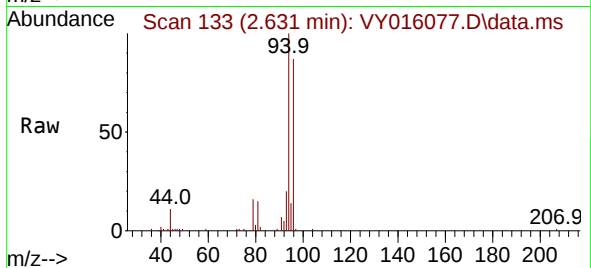
64 31.5 24.3 36.5





#5
Bromomethane
Concen: 20.677 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.018 min
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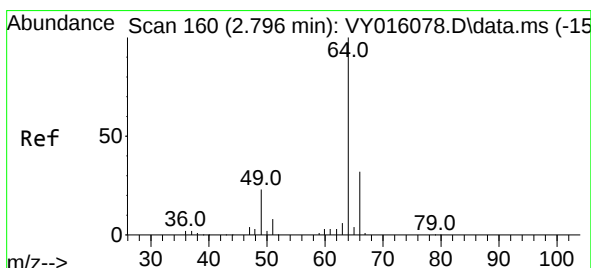
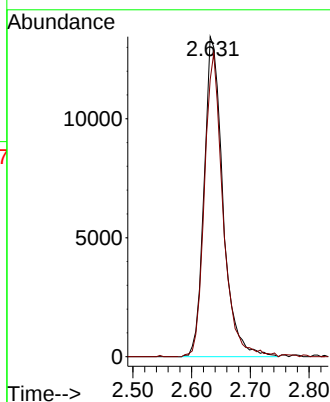
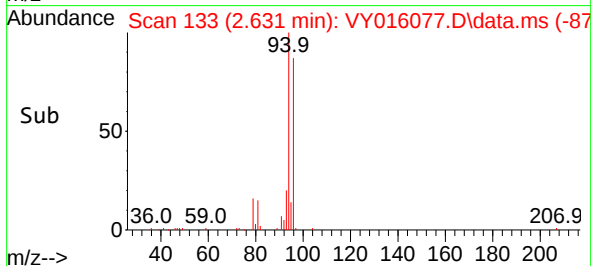
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Tgt Ion: 94 Resp: 2994
Ion Ratio Lower Upper
94 100
96 86.6 75.8 113.6

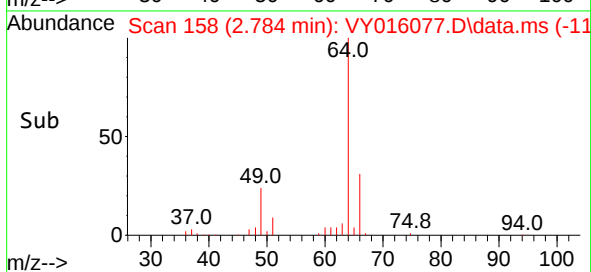
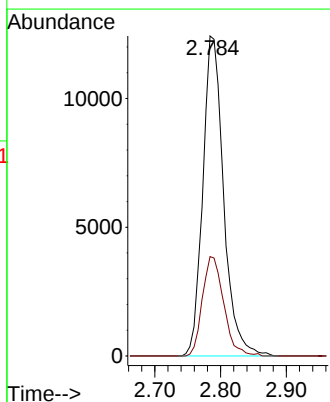
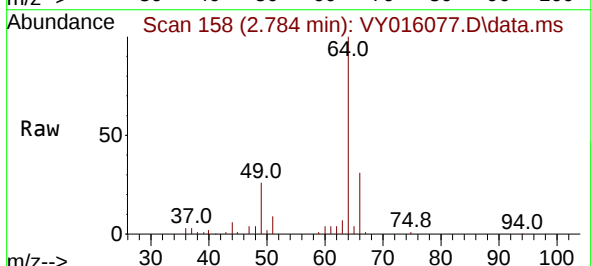
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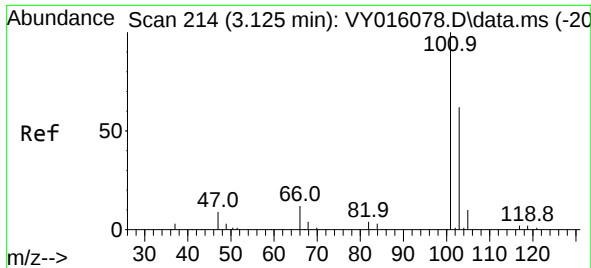
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#6
Chloroethane
Concen: 20.513 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

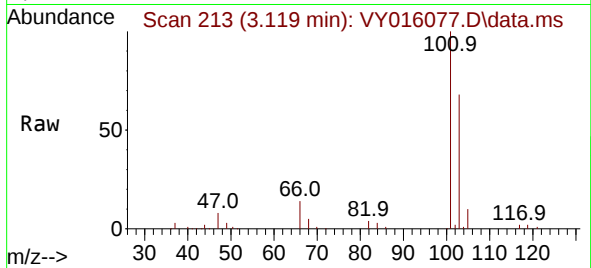
Tgt Ion: 64 Resp: 27378
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.887 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

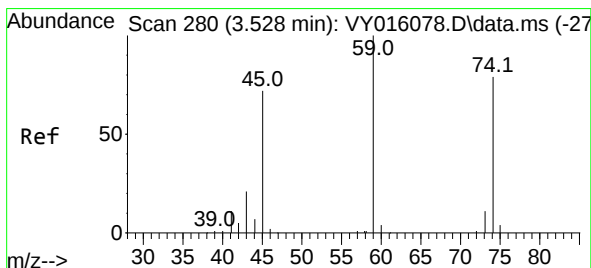
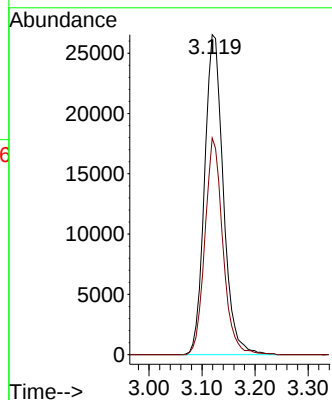
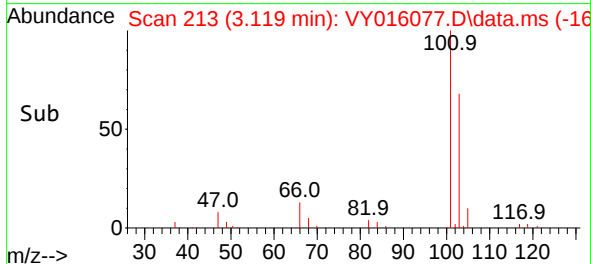
Instrument :
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Tgt Ion:101 Resp: 65128
Ion Ratio Lower Upper
101 100
103 67.7 51.4 77.0

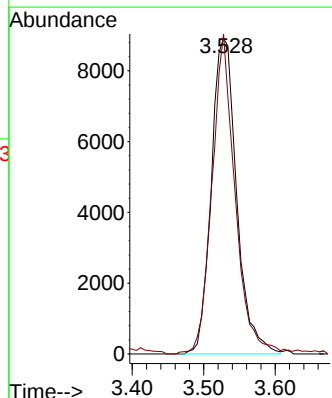
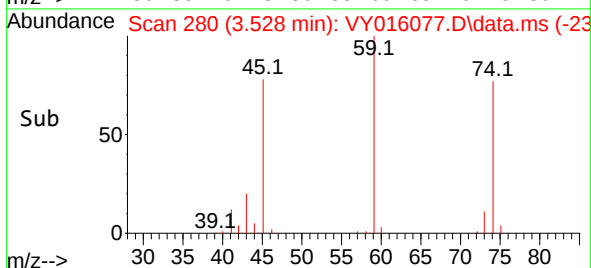
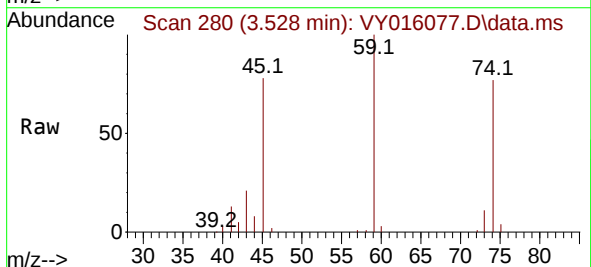
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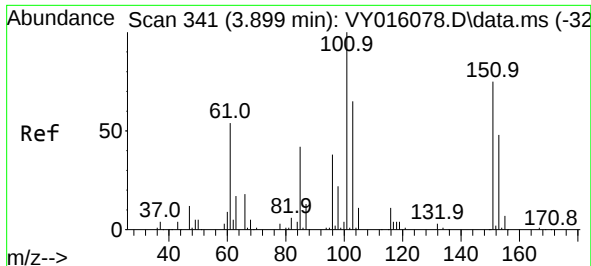
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#8
Diethyl Ether
Concen: 20.978 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 74 Resp: 21924
Ion Ratio Lower Upper
74 100
45 92.7 51.5 154.5





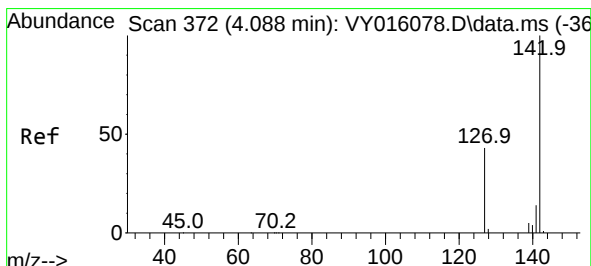
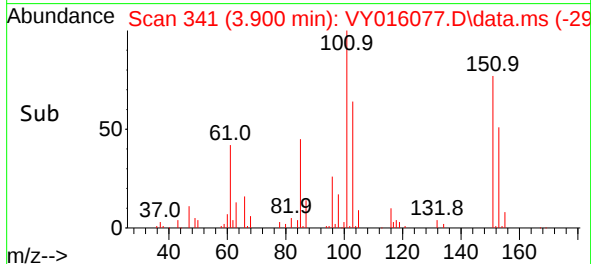
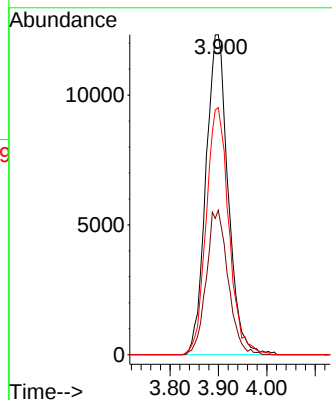
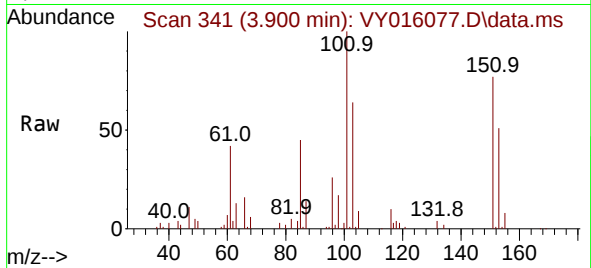
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.883 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3928
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 78.8 67.0 100.6

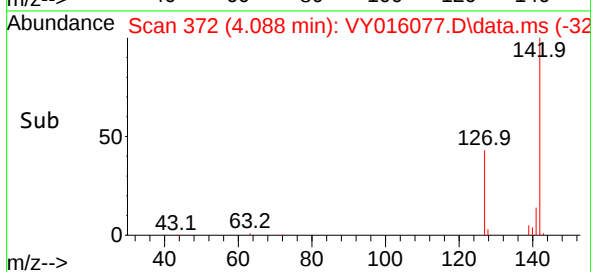
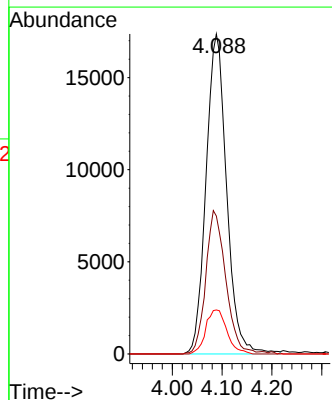
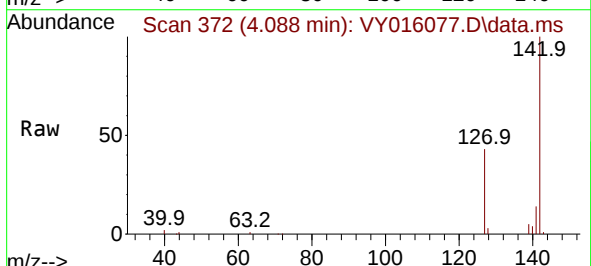
Manual Integrations
APPROVED

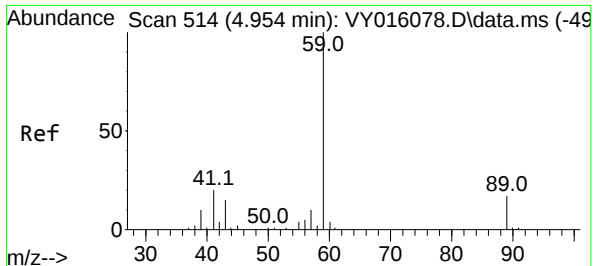
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#10
Methyl Iodide
Concen: 20.709 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:142 Resp: 49774
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 139.287 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 3359

Ion Ratio Lower Upper

59 100

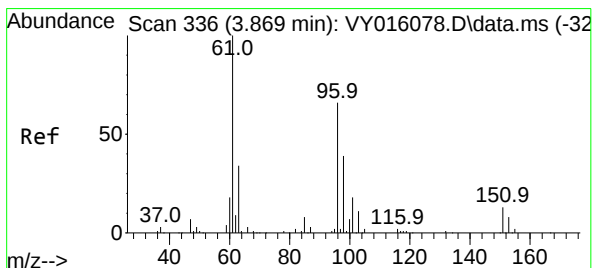
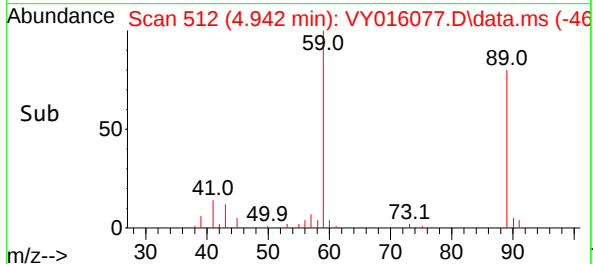
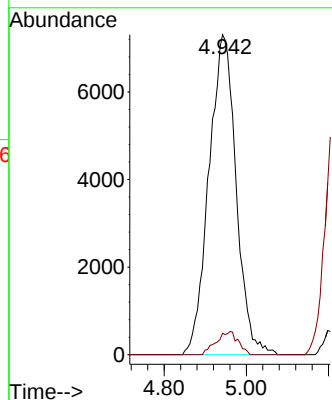
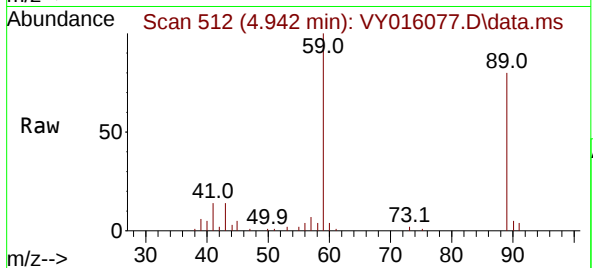
57 5.8 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#12

1,1-Dichloroethene

Concen: 21.057 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

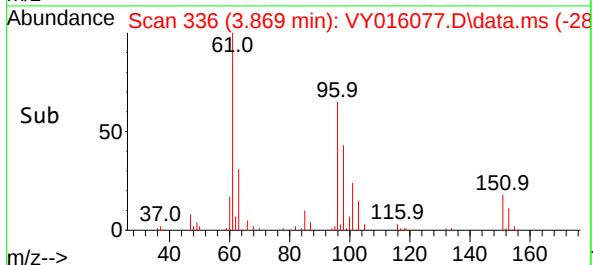
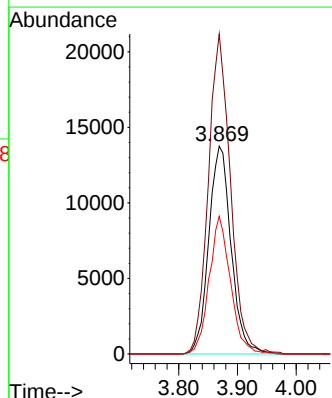
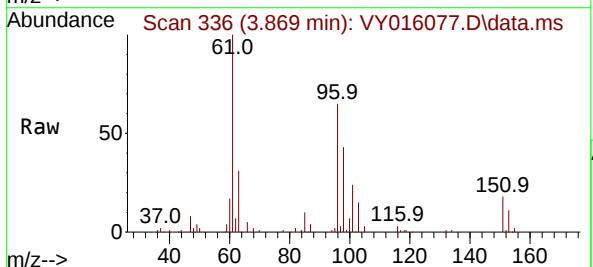
Tgt Ion: 96 Resp: 36289

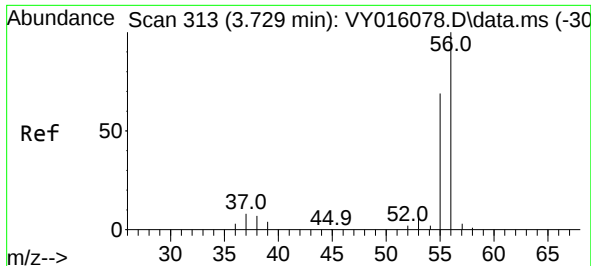
Ion Ratio Lower Upper

96 100

61 154.0 136.4 204.6

98 66.3 49.4 74.2





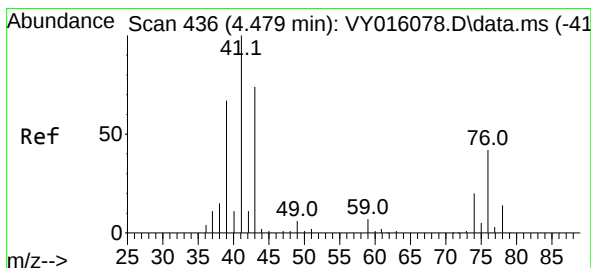
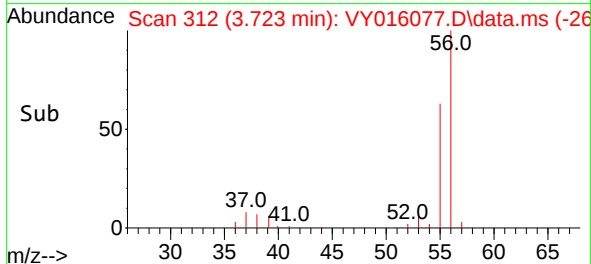
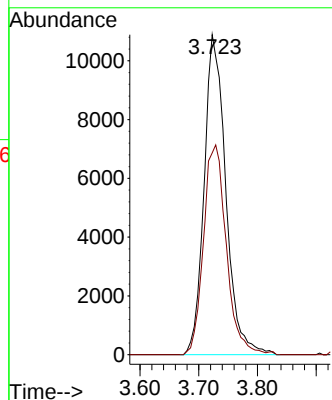
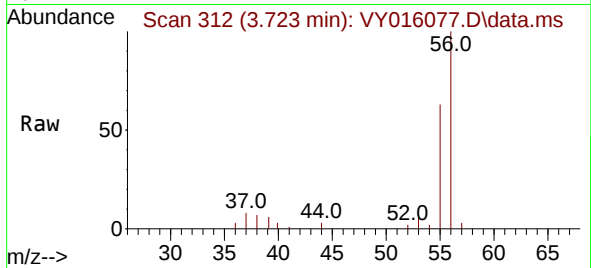
#13
Acrolein
Concen: 111.755 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 27914
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4

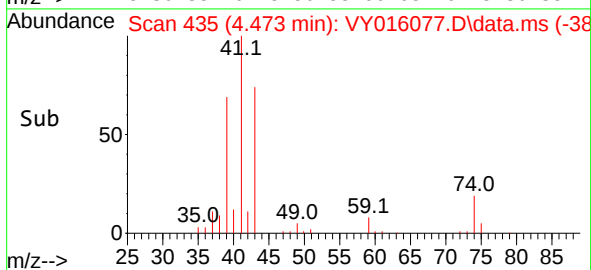
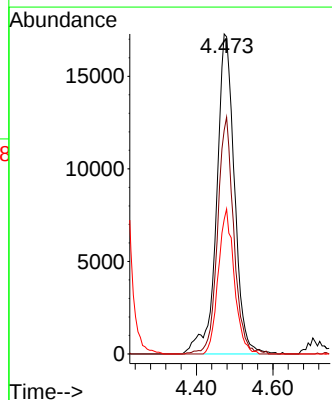
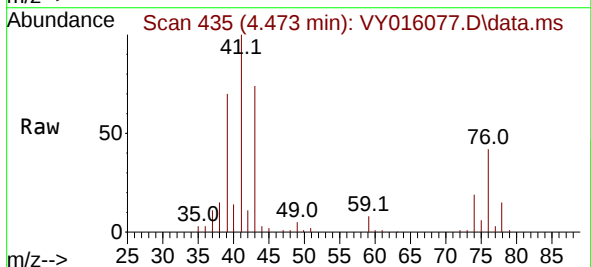
Manual Integrations
APPROVED

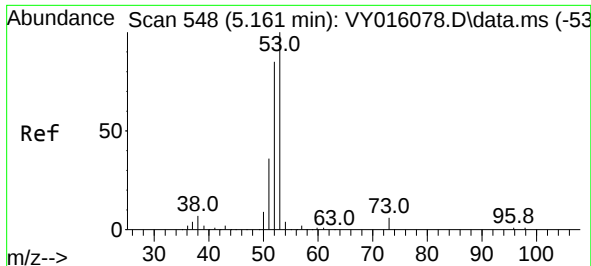
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#14
Allyl chloride
Concen: 20.801 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

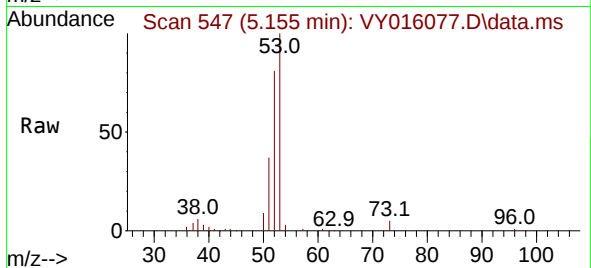
Tgt Ion: 41 Resp: 56039
Ion Ratio Lower Upper
41 100
39 67.2 58.0 87.0
76 40.6 27.4 41.2





#15
Acrylonitrile
Concen: 104.901 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

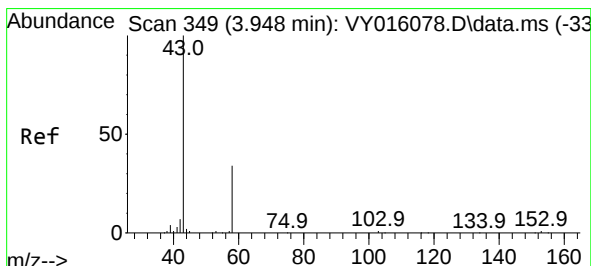
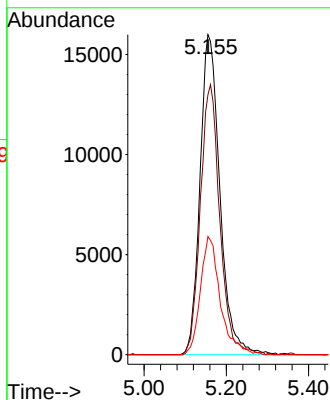
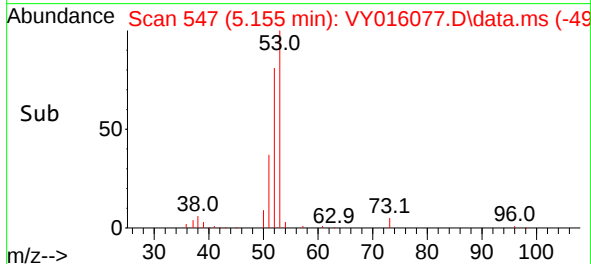
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 5378
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 37.0 29.8 44.6

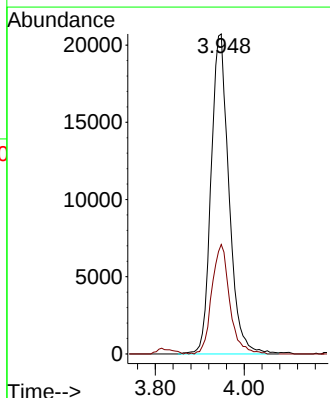
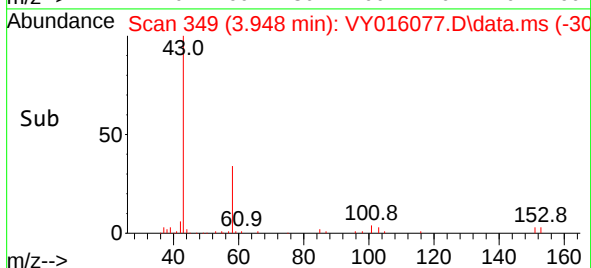
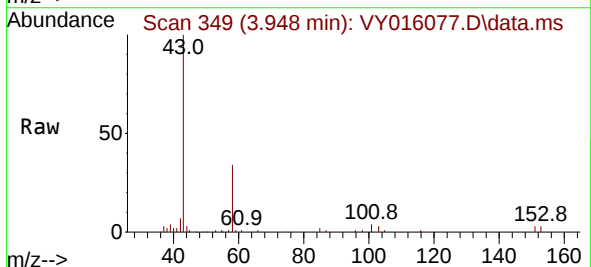
Manual Integrations
APPROVED

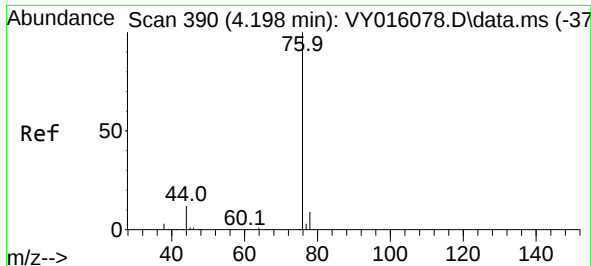
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#16
Acetone
Concen: 106.280 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

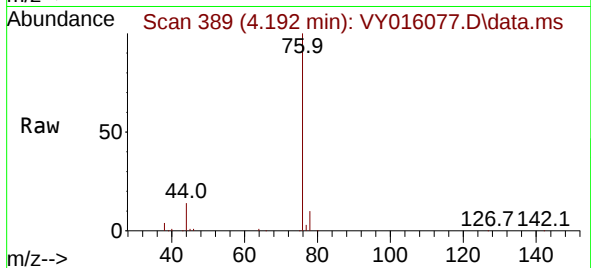
Tgt Ion: 43 Resp: 57771
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





#17
Carbon Disulfide
Concen: 20.899 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

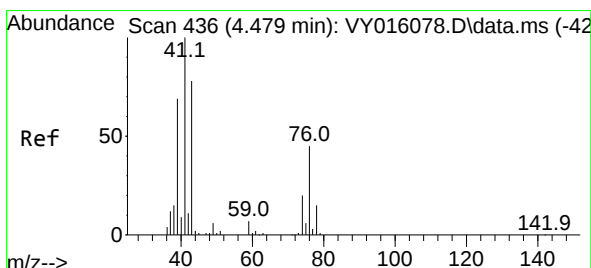
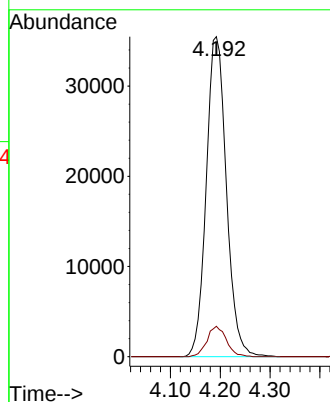
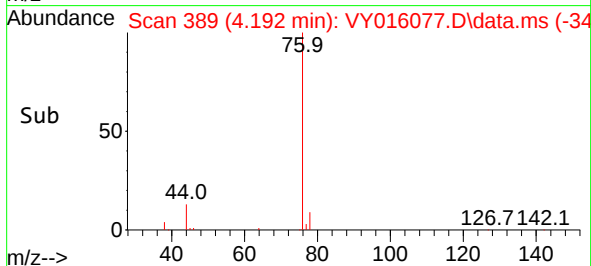
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 99629
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

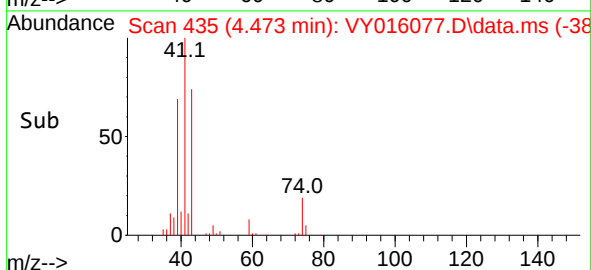
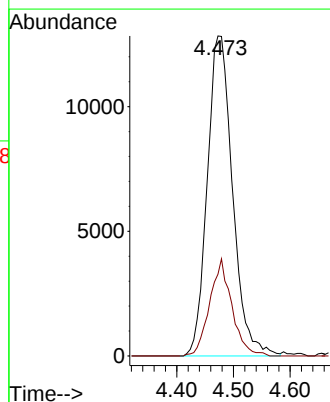
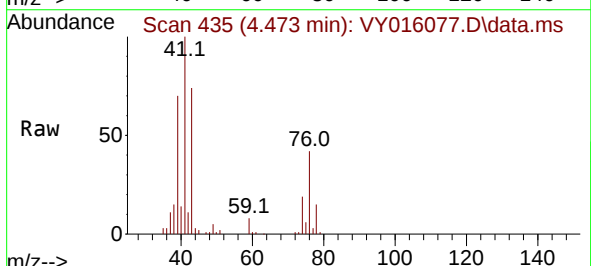
Manual Integrations
APPROVED

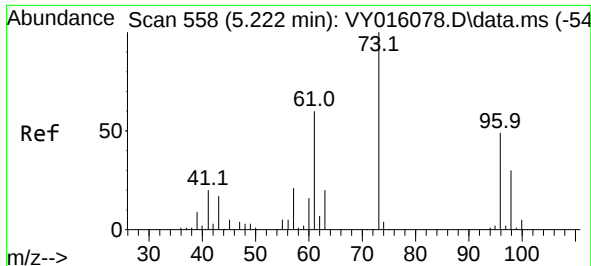
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#18
Methyl Acetate
Concen: 20.710 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 43 Resp: 39801
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#





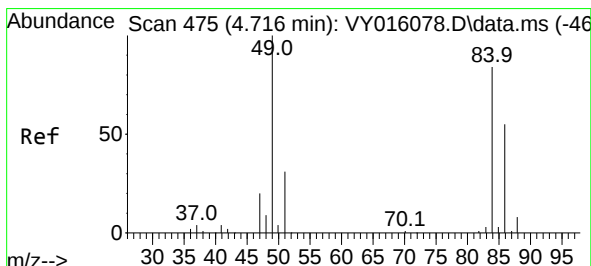
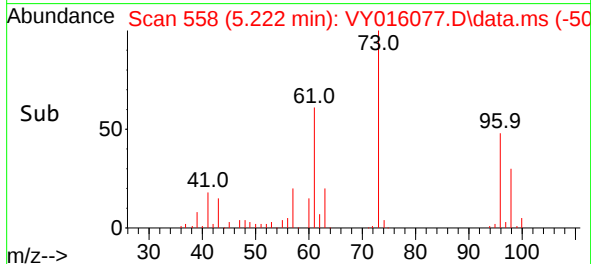
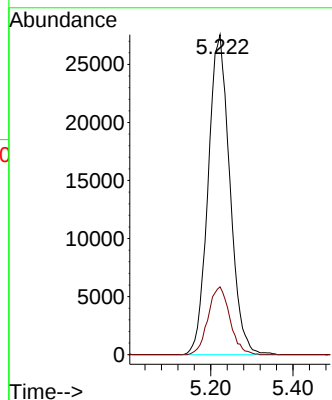
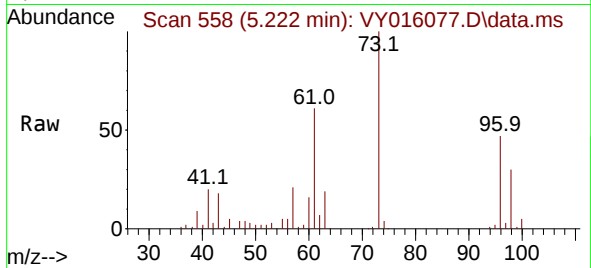
#19
Methyl tert-butyl Ether
Concen: 20.581 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 10115
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

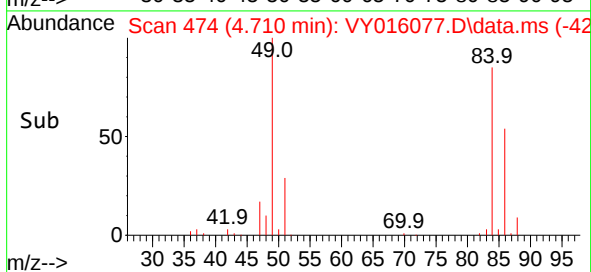
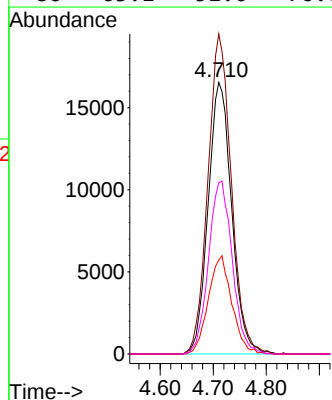
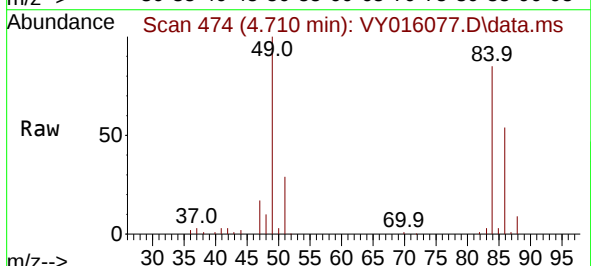
Manual Integrations
APPROVED

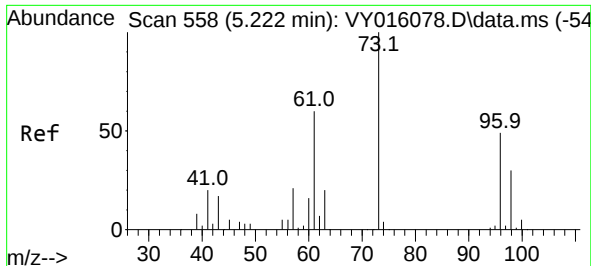
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#20
Methylene Chloride
Concen: 20.676 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

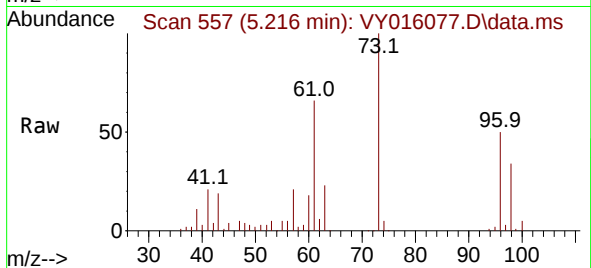
Tgt Ion: 84 Resp: 50997
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 34.5 33.2 49.8
86 63.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.917 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

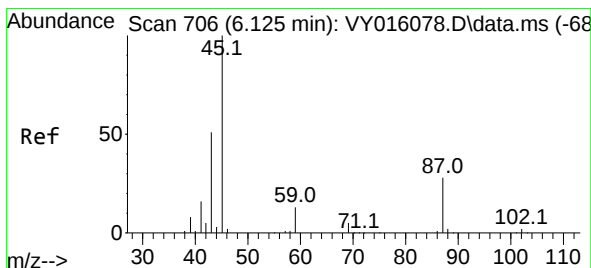
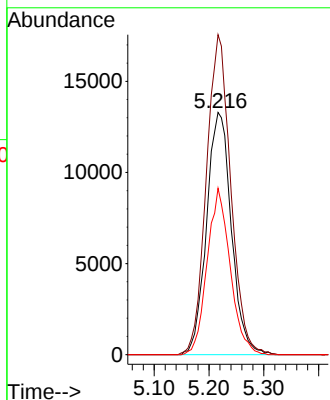
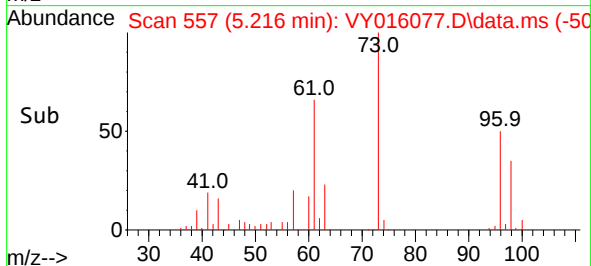
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



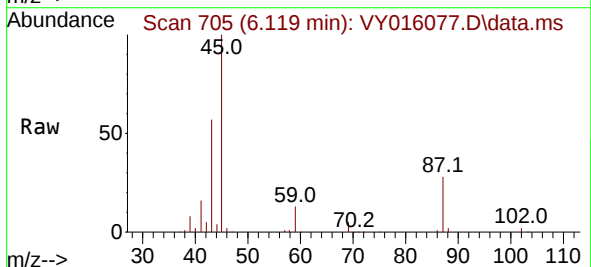
Tgt Ion: 96 Resp: 41780
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 68.7 51.8 77.6

Manual Integrations
APPROVED

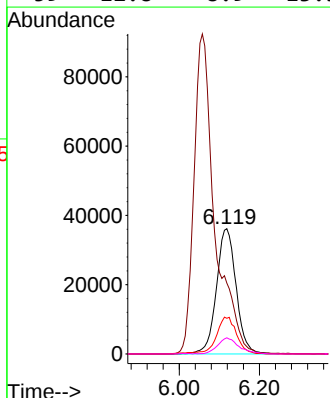
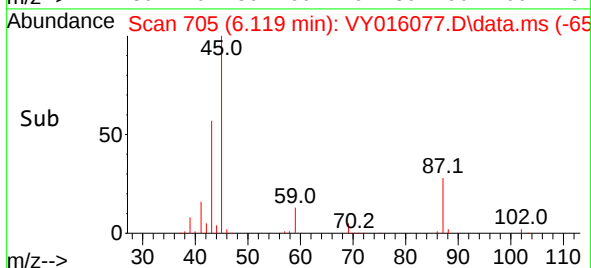
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

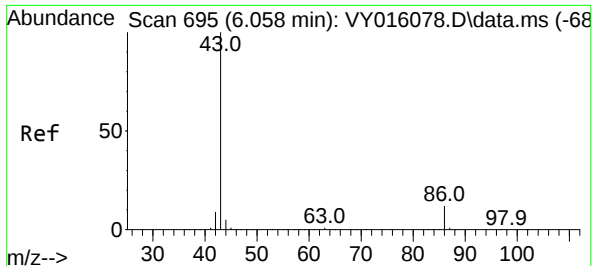


#22
Diisopropyl ether
Concen: 20.925 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



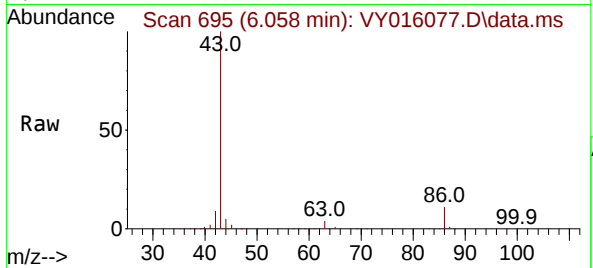
Tgt Ion: 45 Resp: 123267
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 28.4 21.0 31.6
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 105.415 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

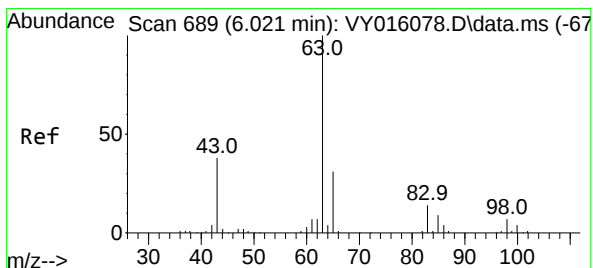
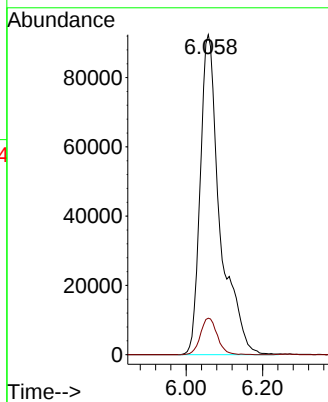
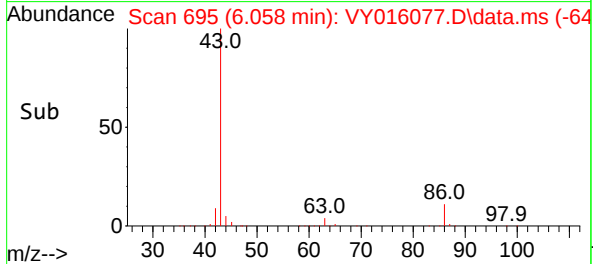
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



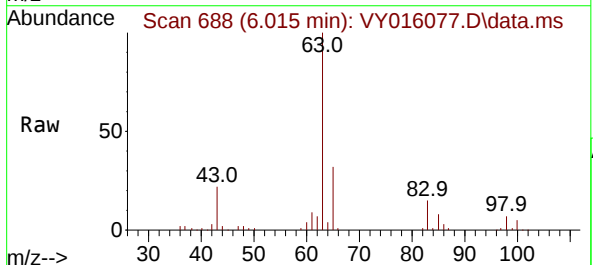
Tgt Ion: 43 Resp: 332718
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3

Manual Integrations
 APPROVED

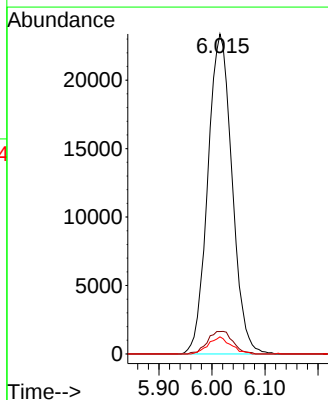
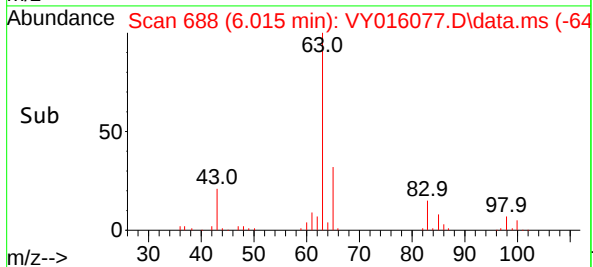
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023

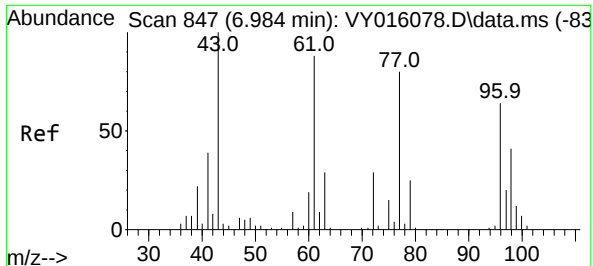


#24
 1,1-Dichloroethane
 Concen: 20.916 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22



Tgt Ion: 63 Resp: 74231
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 5.3 1.8 5.5





#25

2-Butanone

Concen: 107.109 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 78579

Ion Ratio Lower Upper

43 100

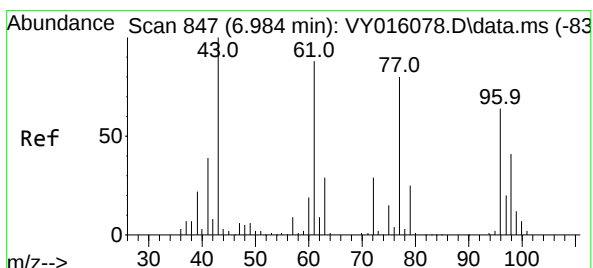
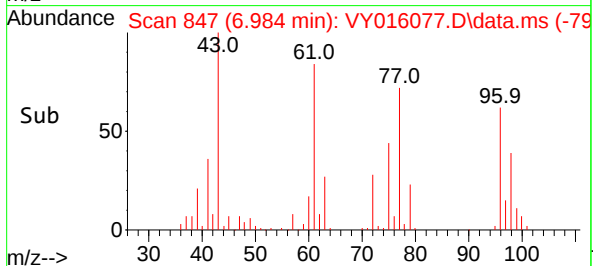
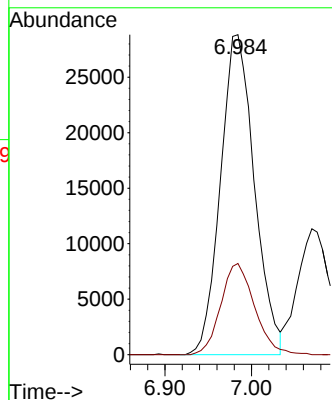
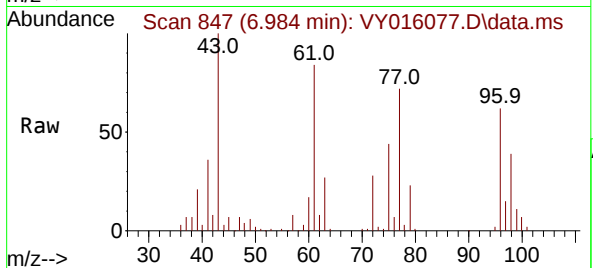
72 28.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#26

2,2-Dichloropropane

Concen: 20.307 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016077.D

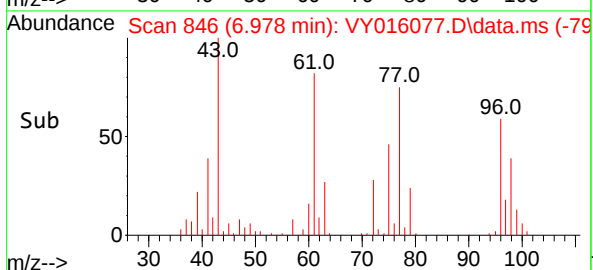
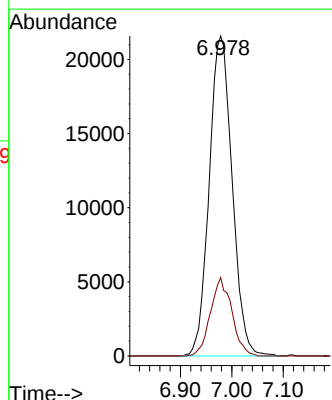
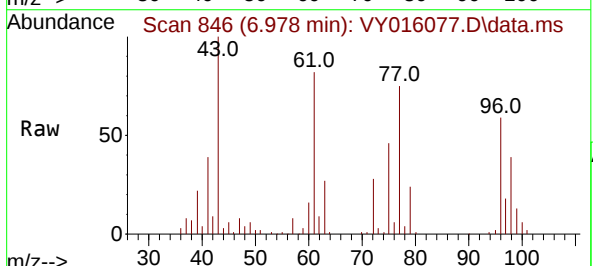
Acq: 26 Oct 2023 12:22

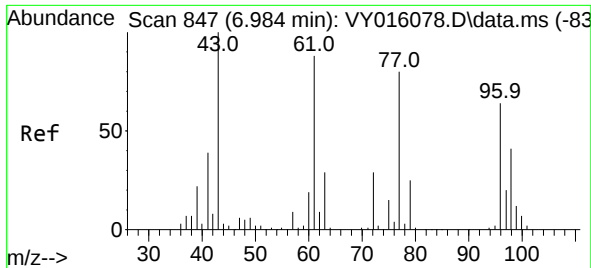
Tgt Ion: 77 Resp: 66999

Ion Ratio Lower Upper

77 100

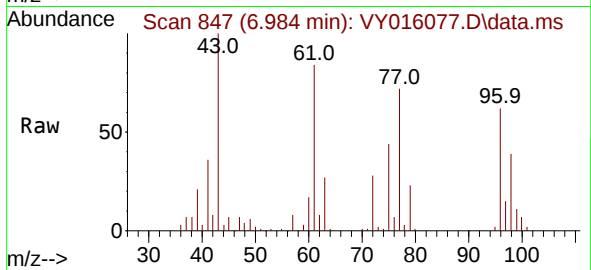
97 22.8 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.711 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

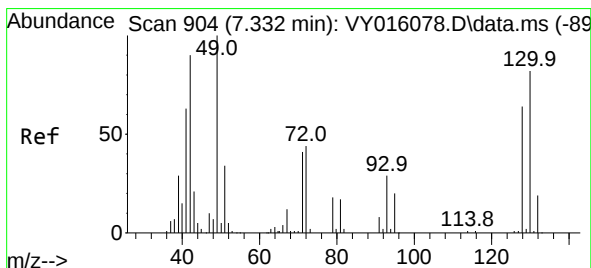
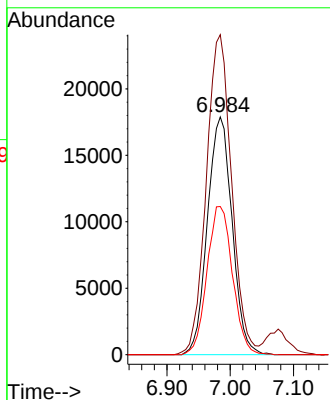
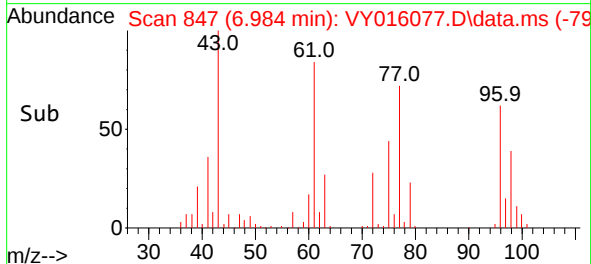
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 48590
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 301.4
 98 64.3 0.0 130.4

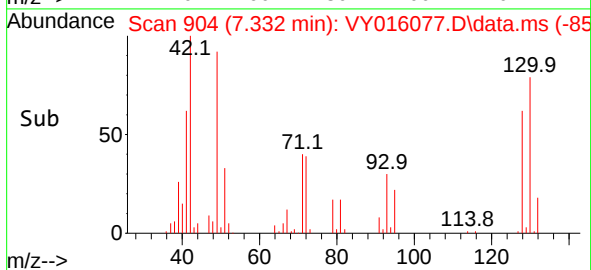
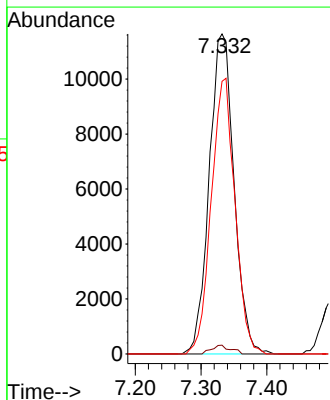
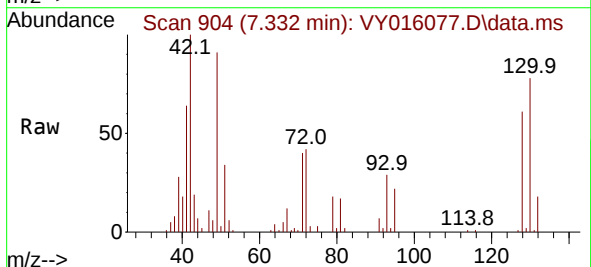
Manual Integrations
 APPROVED

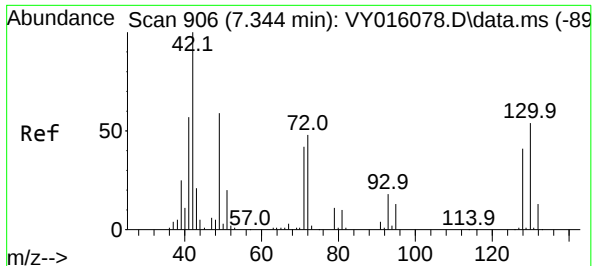
Reviewed By :Mahesh Dadoda 10/27/2023
 Supervised By :Semsettin Yesilyurt 10/27/2023



#28
 Bromochloromethane
 Concen: 21.066 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

Tgt Ion: 49 Resp: 30586
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.269 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

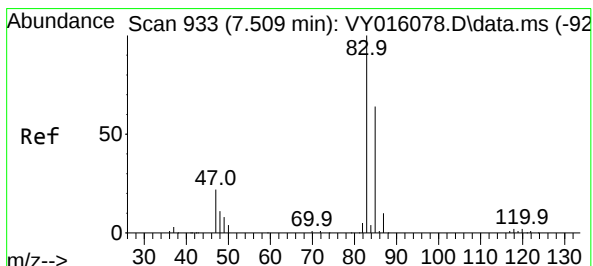
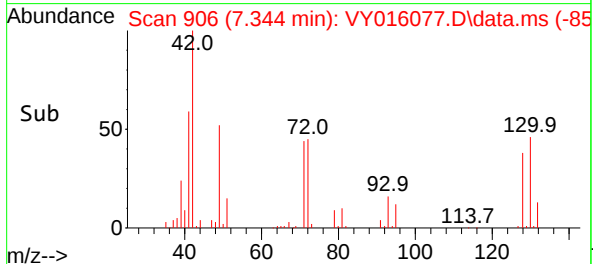
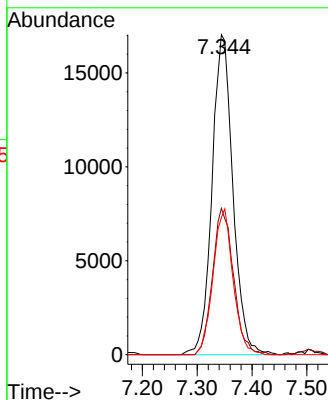
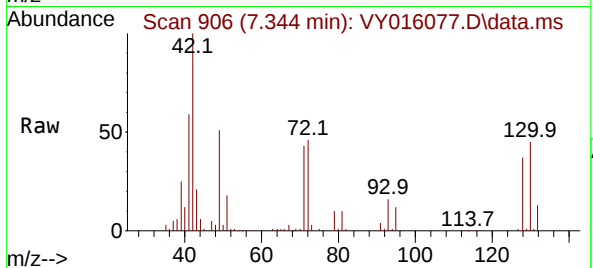
VSTDIC020

Tgt Ion:	42	Resp:	4515
Ion Ratio	Lower	Upper	
42	100		
72	45.8	32.8	49.2
71	43.6	31.0	46.4

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 21.039 ug/l

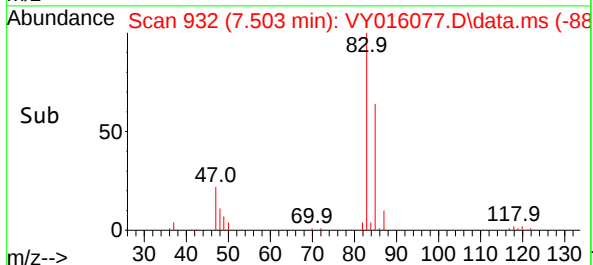
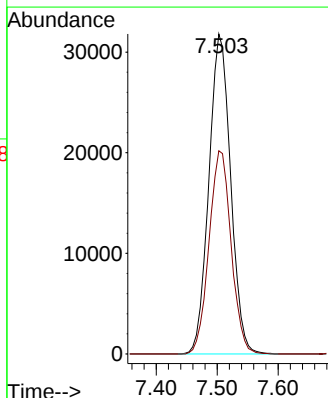
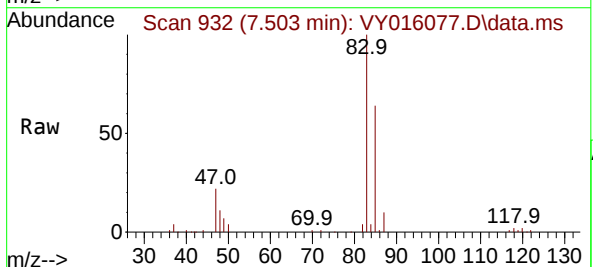
RT: 7.503 min Scan# 932

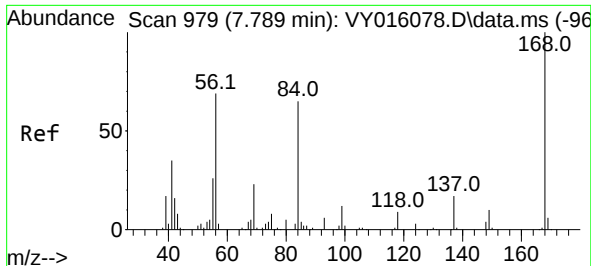
Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

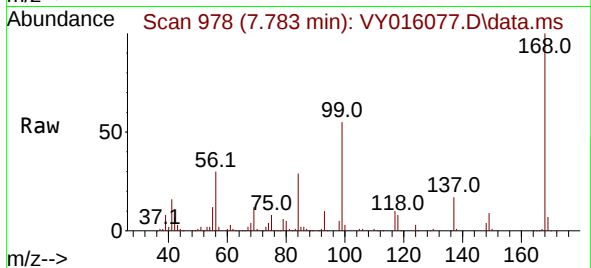
Tgt Ion:	83	Resp:	78877
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.7	74.5





#31
Cyclohexane
Concen: 20.382 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

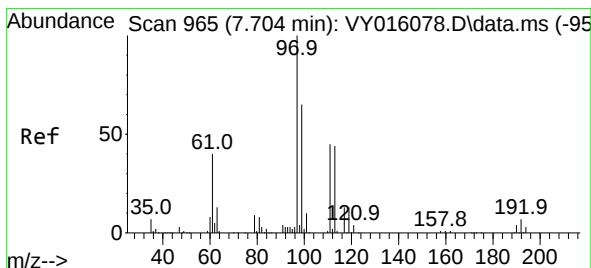
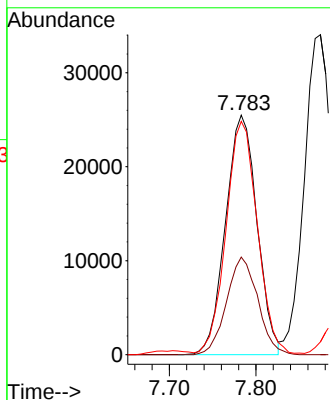
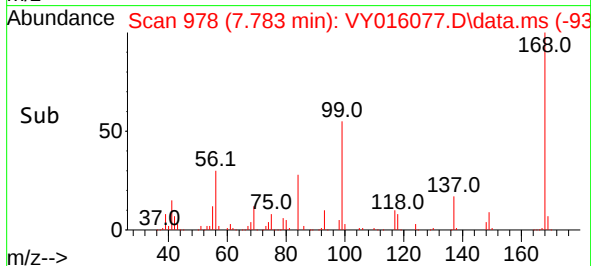
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



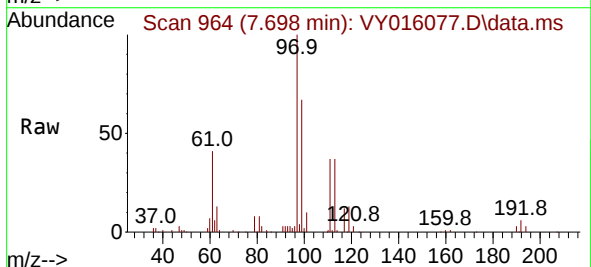
Tgt Ion: 56 Resp: 6430
Ion Ratio Lower Upper
56 100
69 40.7 27.8 41.6
84 95.8 66.4 99.6

Manual Integrations
APPROVED

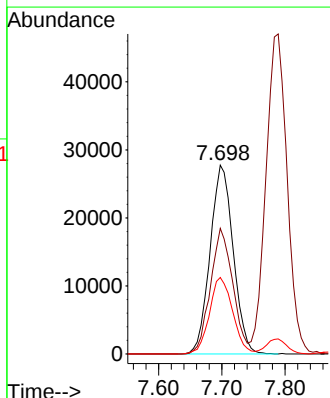
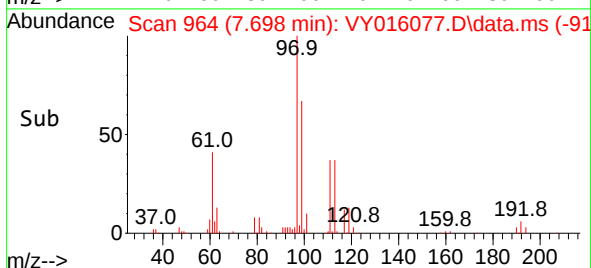
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

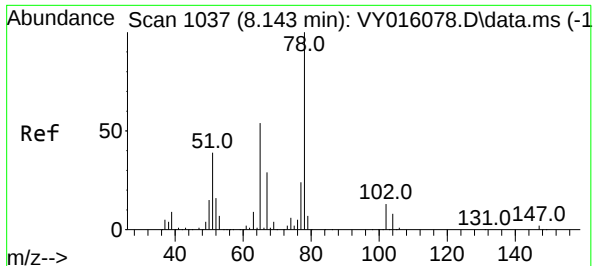


#32
1,1,1-Trichloroethane
Concen: 20.951 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion: 97 Resp: 70456
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 40.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 21.431 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 42980

Ion Ratio Lower Upper

65 100

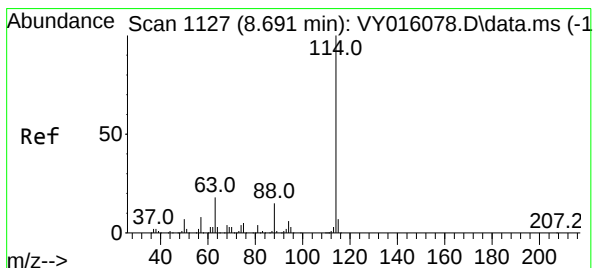
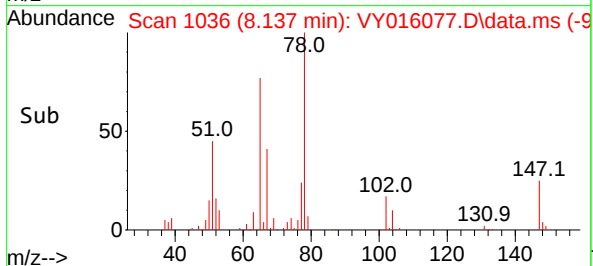
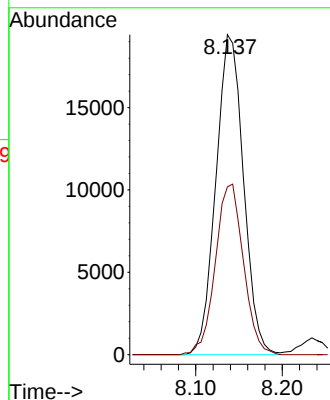
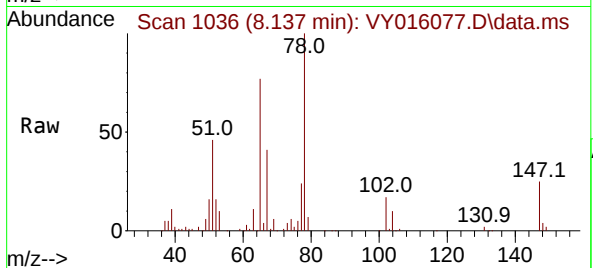
67 54.3 0.0 101.8

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: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

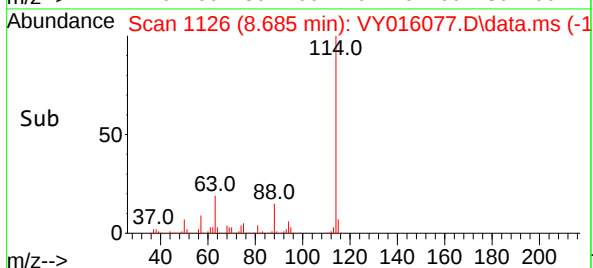
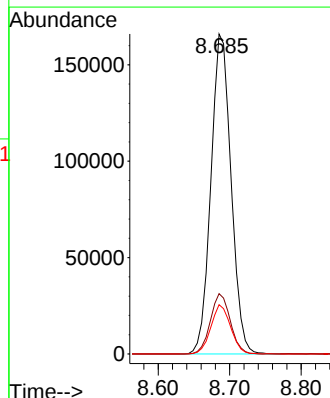
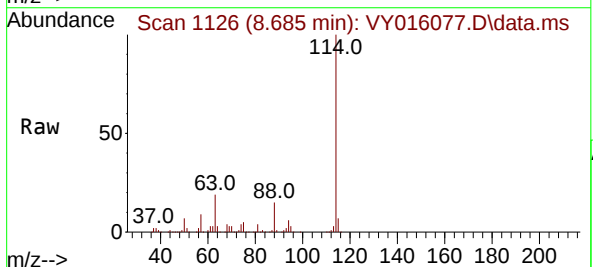
Tgt Ion:114 Resp: 324636

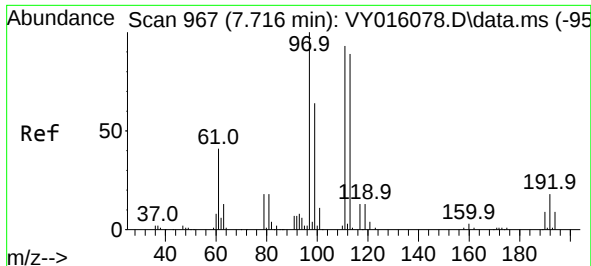
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

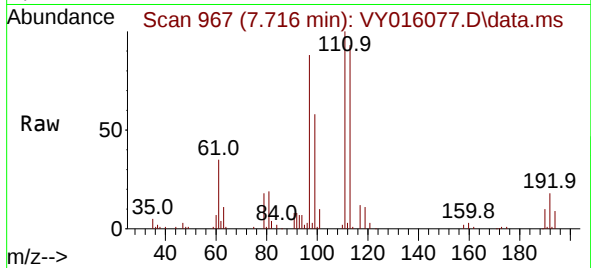
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 21.326 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

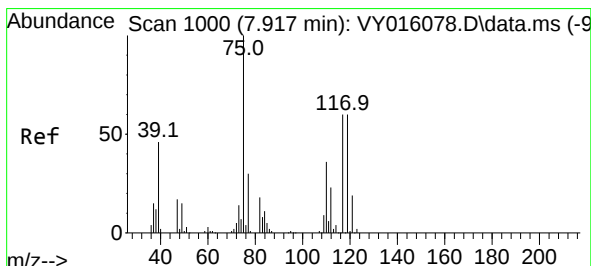
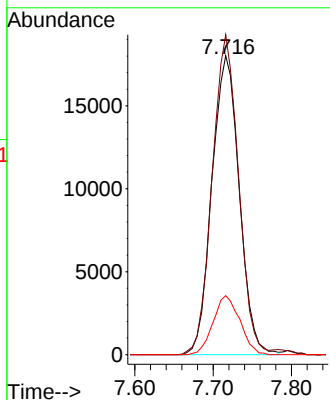
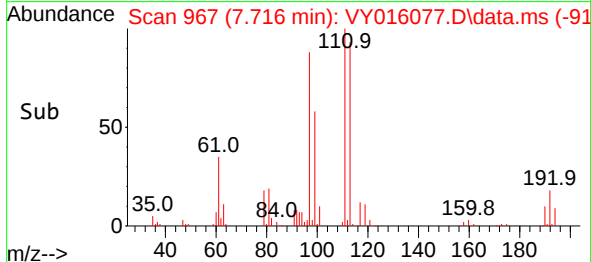
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



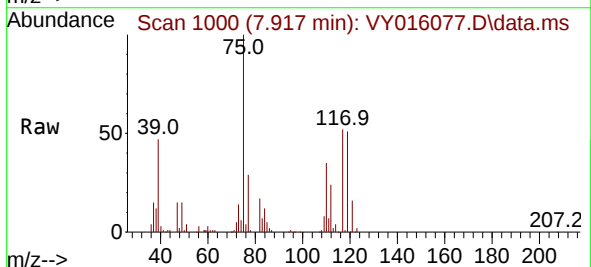
Tgt Ion:113 Resp: 43708
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.3 16.9 25.3

Manual Integrations
APPROVED

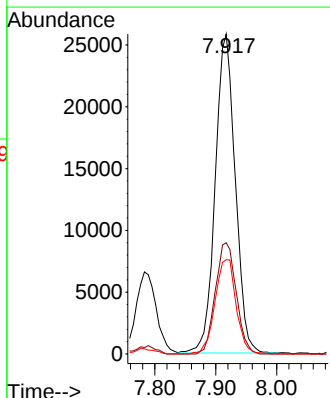
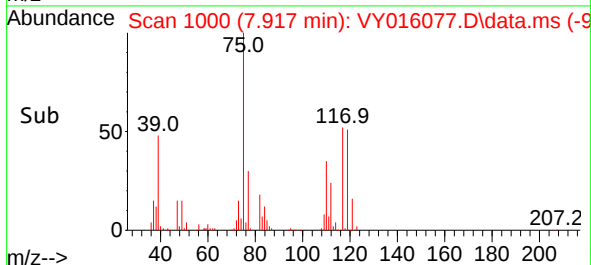
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

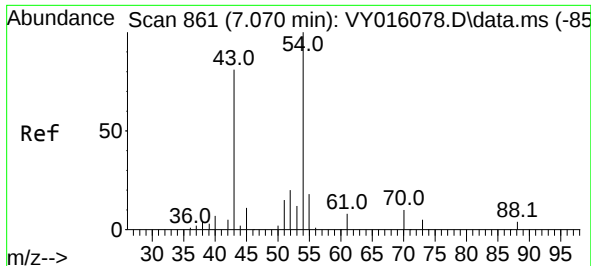


#36
1,1-Dichloropropene
Concen: 20.610 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



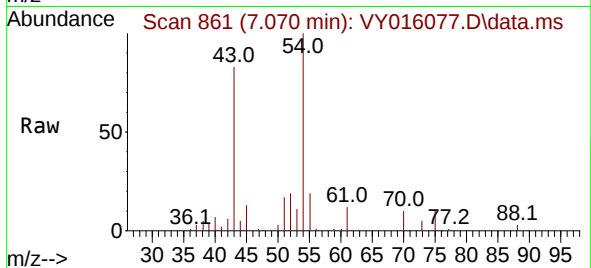
Tgt Ion: 75 Resp: 58878
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 21.249 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

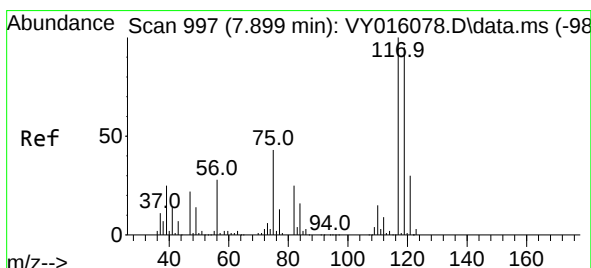
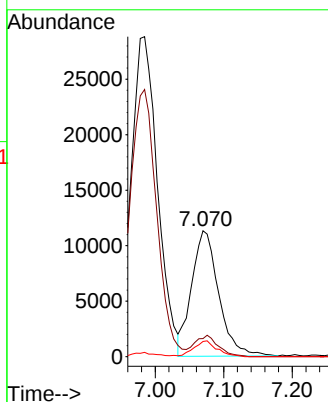
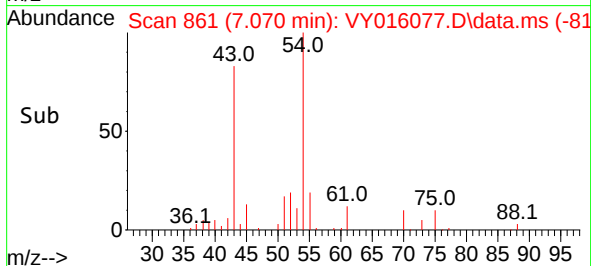
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 31114
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 10.7 7.1 10.7

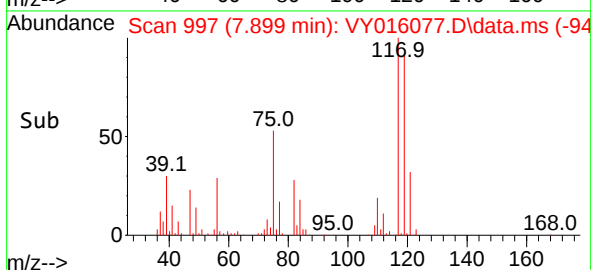
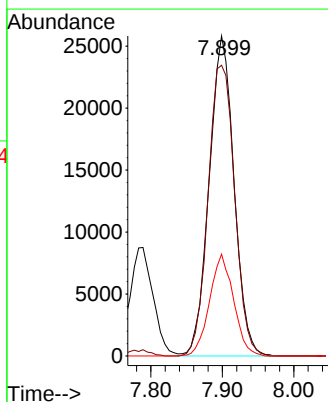
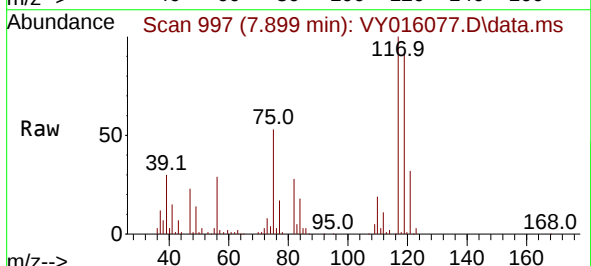
Manual Integrations
APPROVED

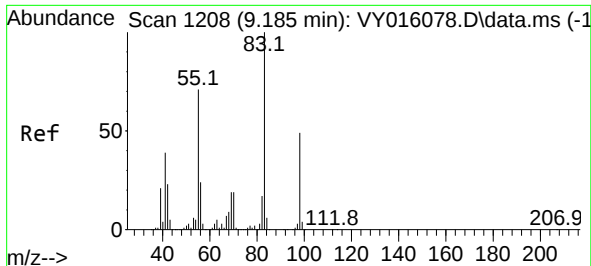
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#38
Carbon Tetrachloride
Concen: 20.652 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:117 Resp: 62389
Ion Ratio Lower Upper
117 100
119 90.9 76.4 114.6
121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.572 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 71590

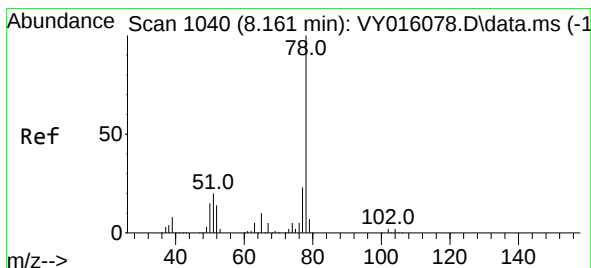
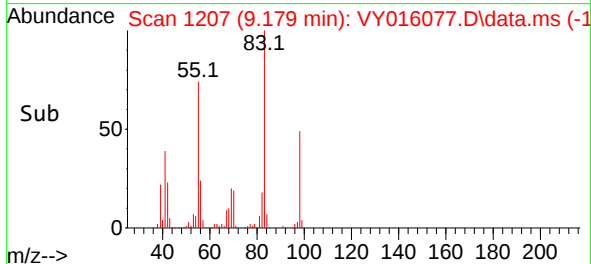
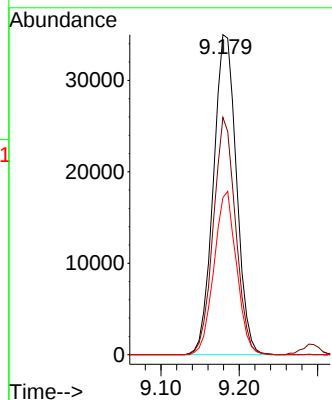
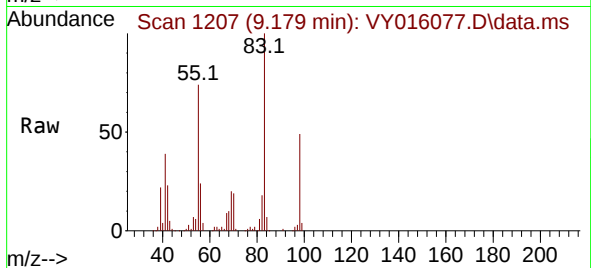
Ion	Ratio	Lower	Upper
83	100		
55	74.1	63.0	94.4
98	49.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#40

Benzene

Concen: 20.857 ug/l

RT: 8.161 min Scan# 1040

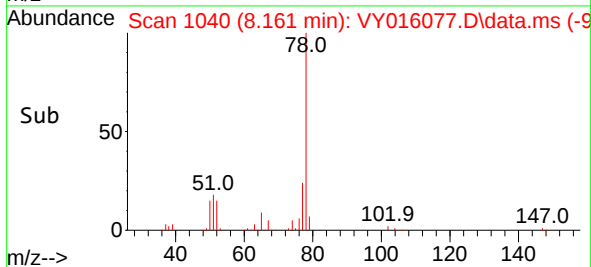
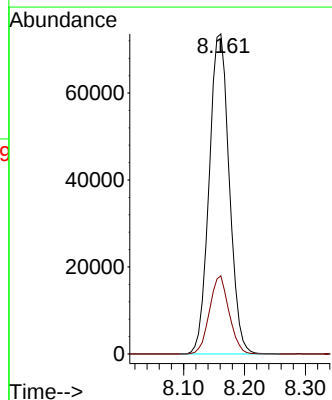
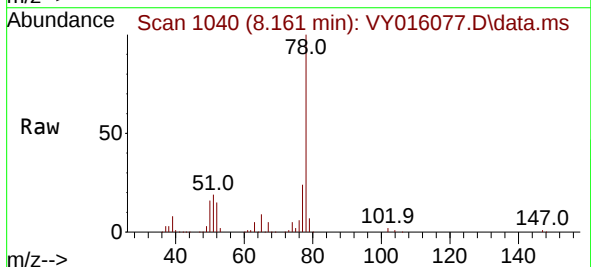
Delta R.T. 0.000 min

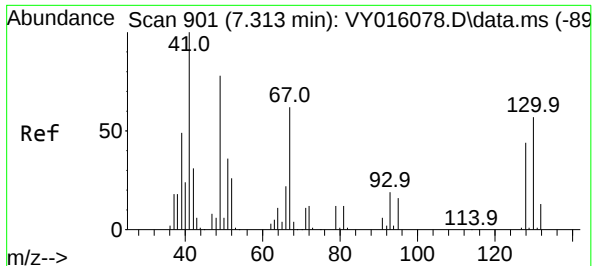
Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion: 78 Resp: 168694

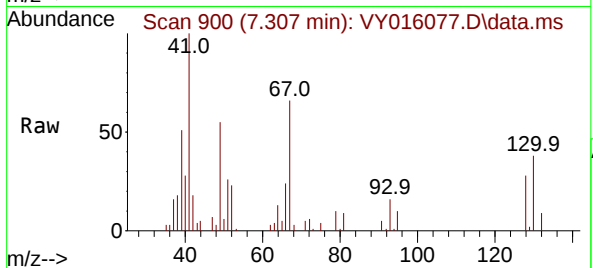
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





#41
Methacrylonitrile
Concen: 21.961 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

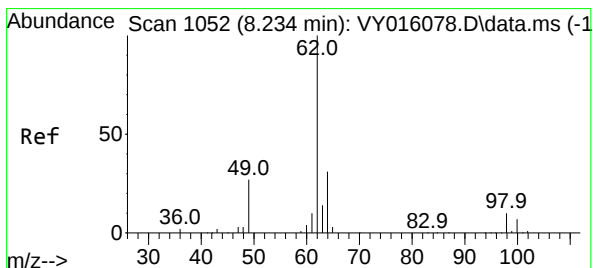
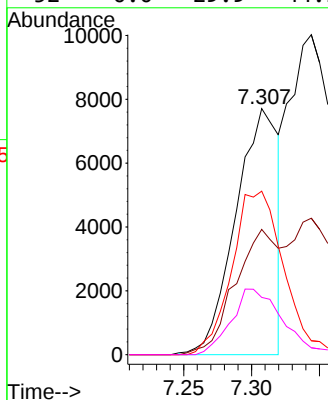
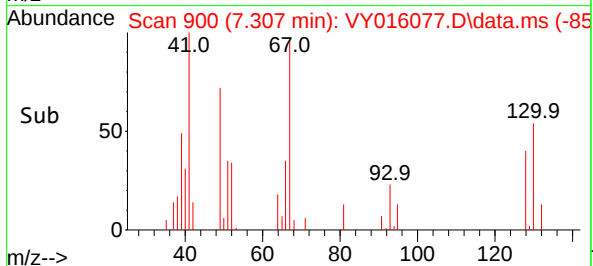
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 16829
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

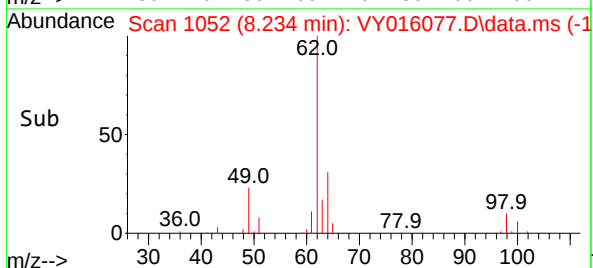
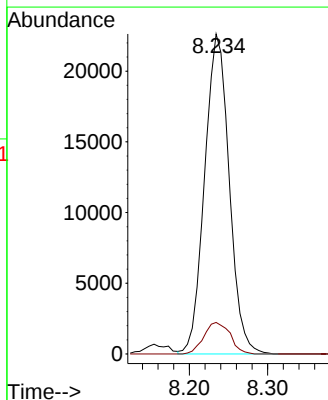
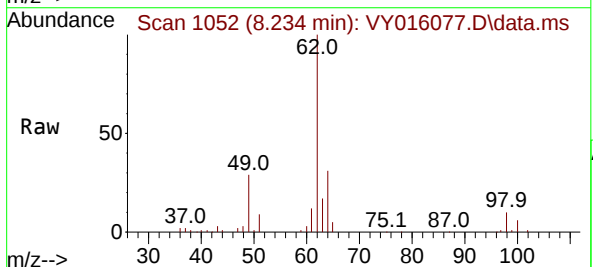
Manual Integrations
APPROVED

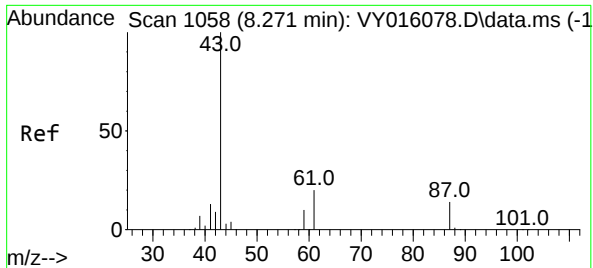
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#42
1,2-Dichloroethane
Concen: 21.129 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

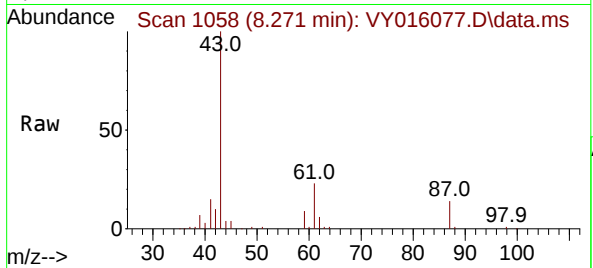
Tgt Ion: 62 Resp: 49380
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.967 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

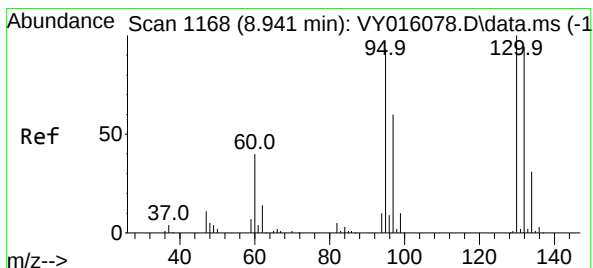
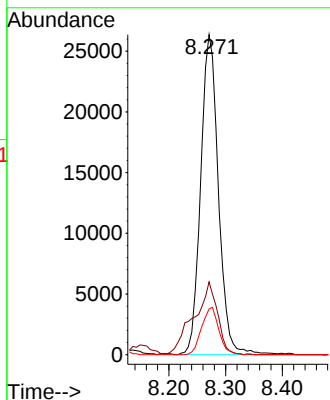
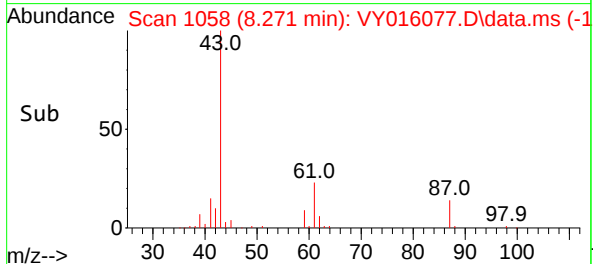
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 5740
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.4 9.8 14.8

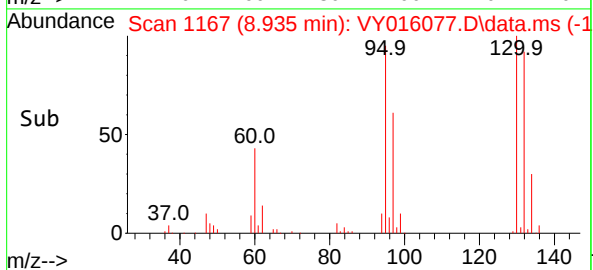
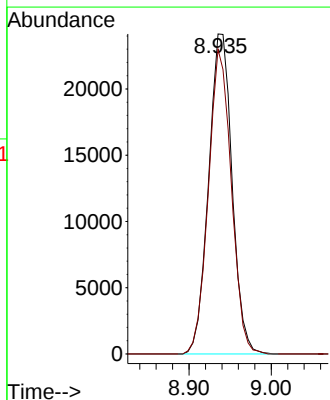
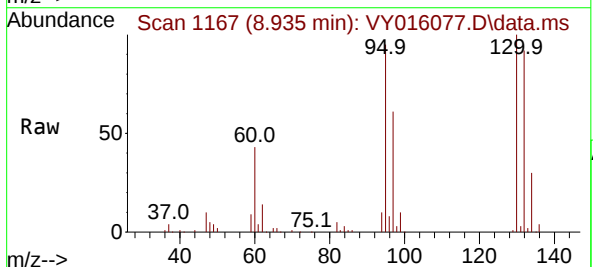
Manual Integrations
APPROVED

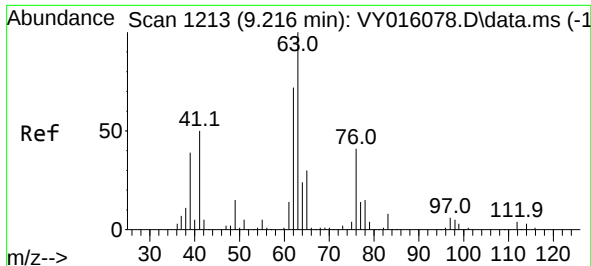
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#44
Trichloroethene
Concen: 21.207 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:130 Resp: 47895
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.844 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4266

Ion Ratio Lower Upper

63 100

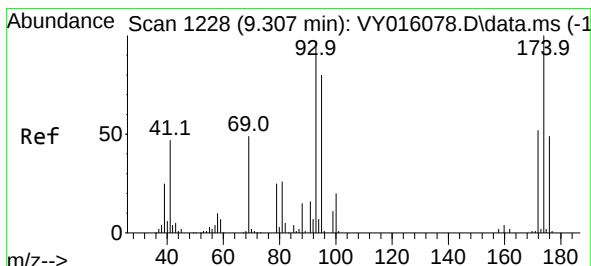
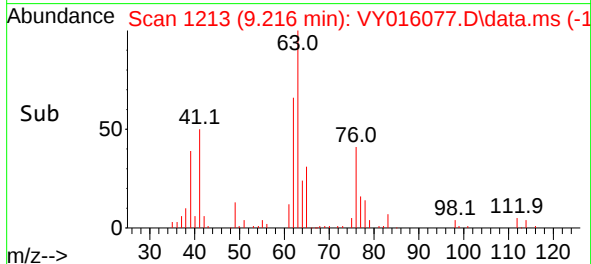
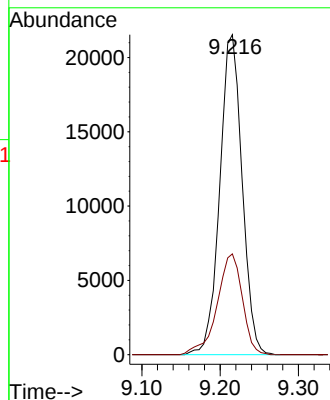
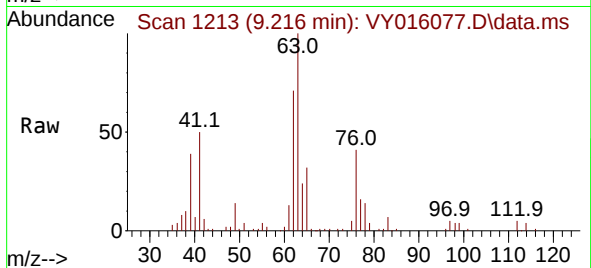
65 31.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#46

Dibromomethane

Concen: 21.371 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

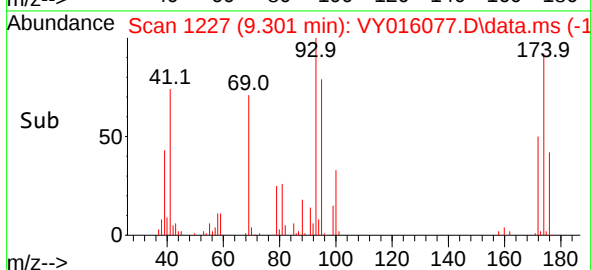
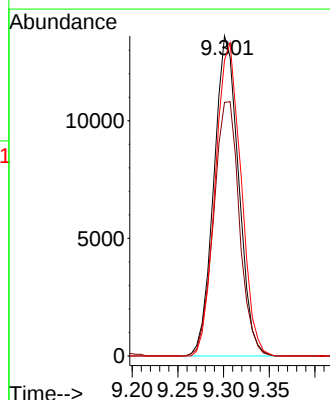
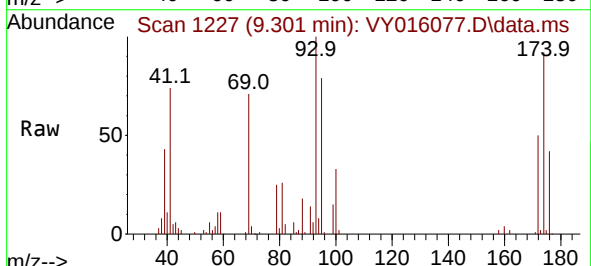
Tgt Ion: 93 Resp: 25651

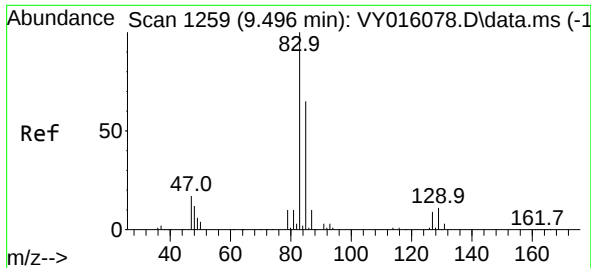
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 101.2 84.8 127.2





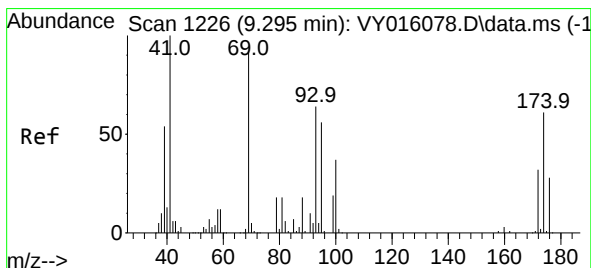
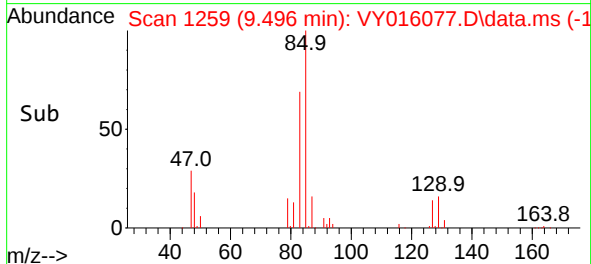
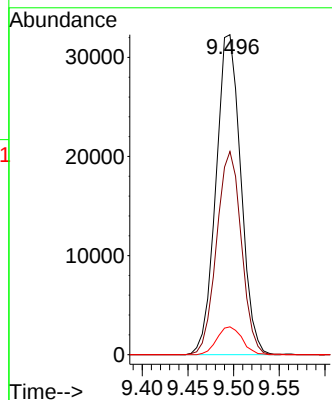
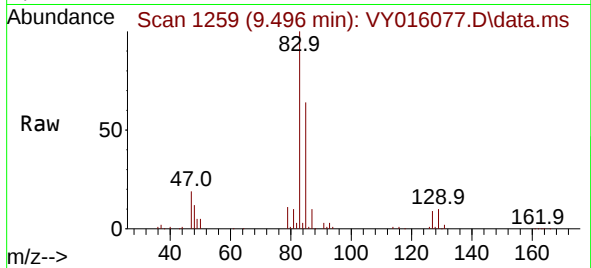
#47
Bromodichloromethane
Concen: 21.050 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 6110
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.7 7.1 10.7

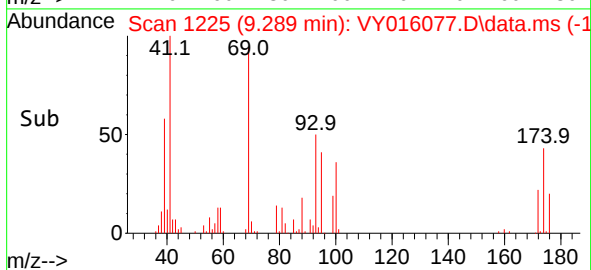
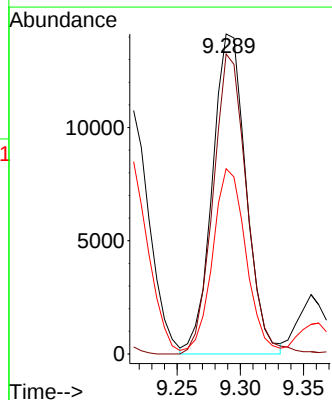
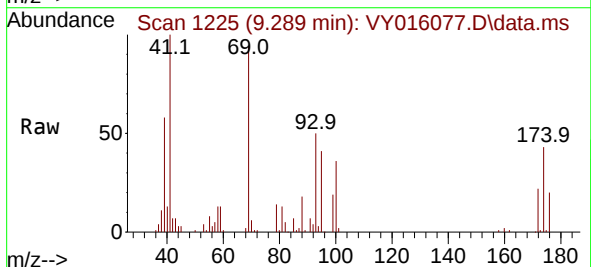
Manual Integrations
APPROVED

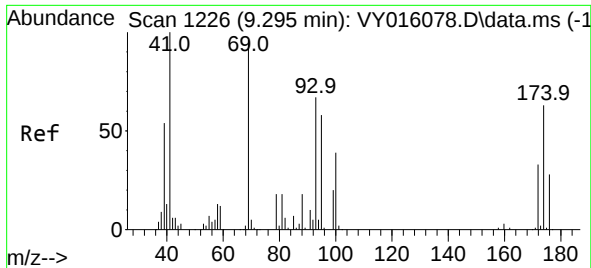
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#48
Methyl methacrylate
Concen: 20.757 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

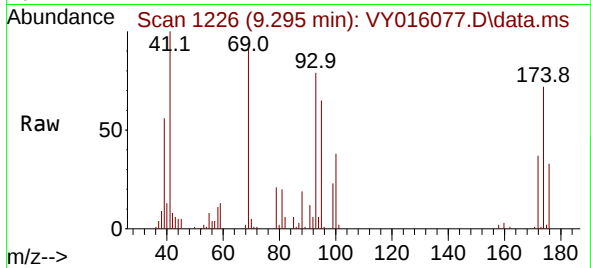
Tgt Ion: 41 Resp: 26181
Ion Ratio Lower Upper
41 100
69 93.3 64.5 96.7
39 55.4 50.8 76.2





#49
1,4-Dioxane
Concen: 440.769 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

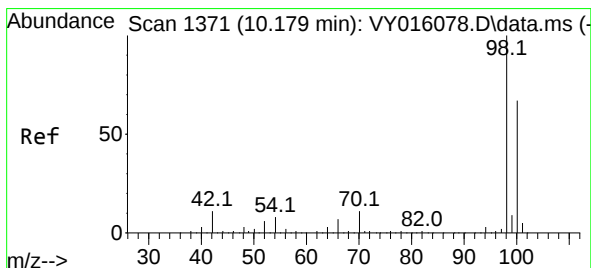
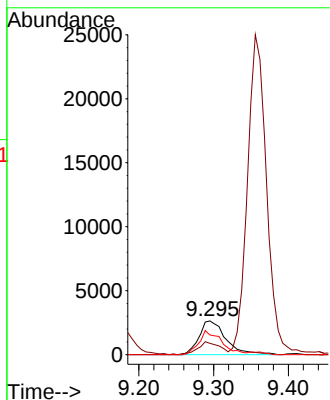
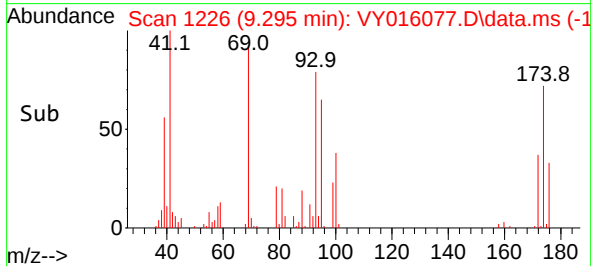
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



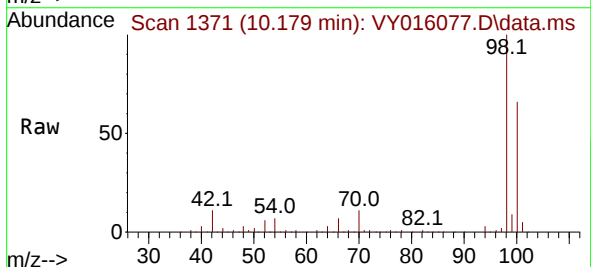
Tgt Ion: 88 Resp: 6619
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0
58 60.0 30.9 46.3

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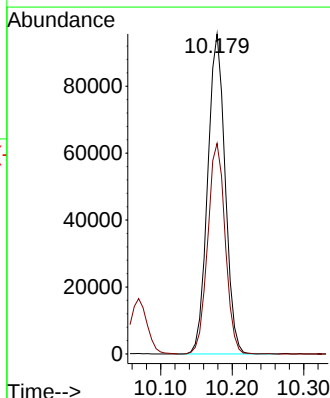
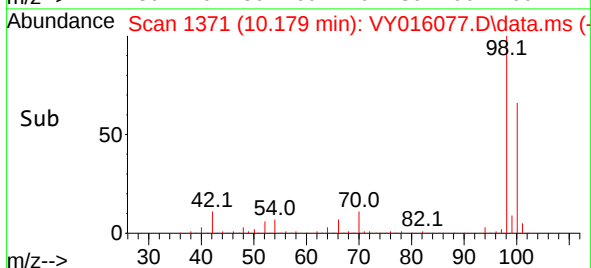
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

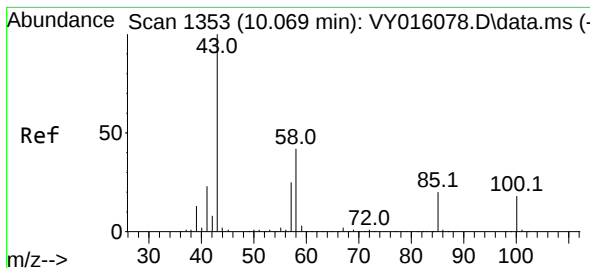


#50
Toluene-d8
Concen: 21.291 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion: 98 Resp: 161628
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1





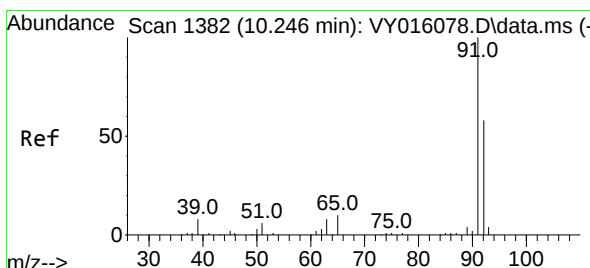
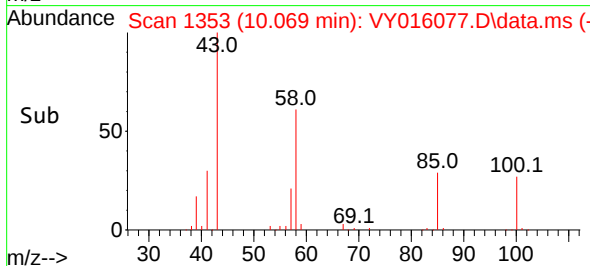
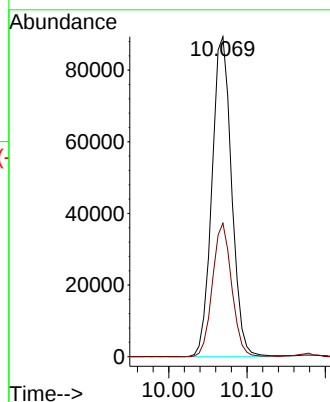
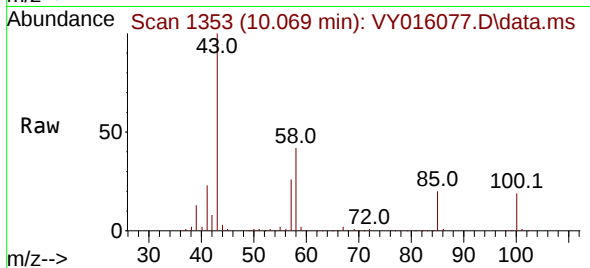
#51
4-Methyl-2-Pentanone
Concen: 108.019 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 15604
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6

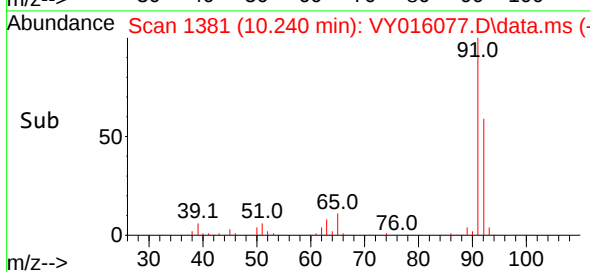
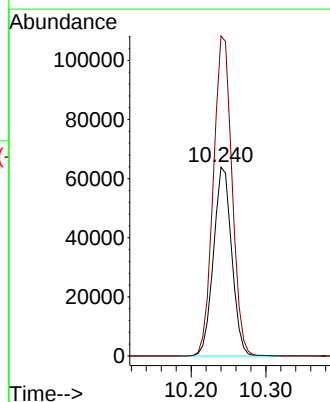
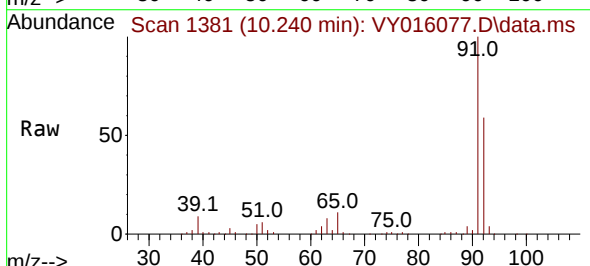
Manual Integrations
APPROVED

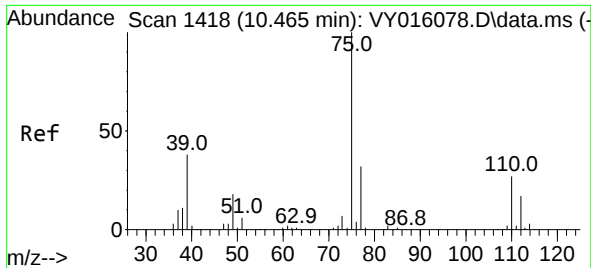
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#52
Toluene
Concen: 20.859 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 92 Resp: 108337
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6





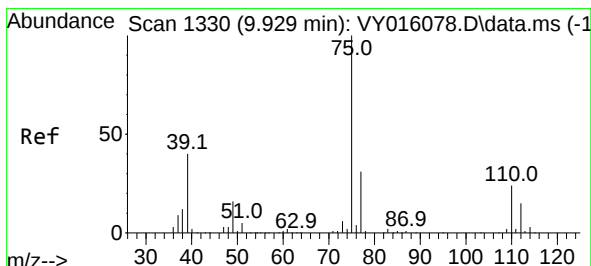
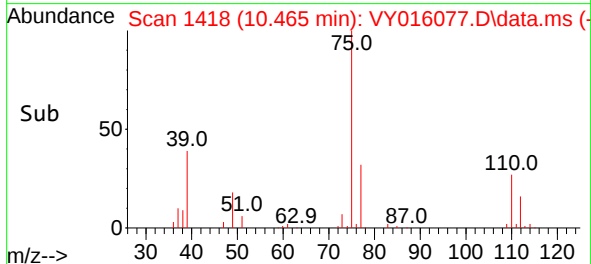
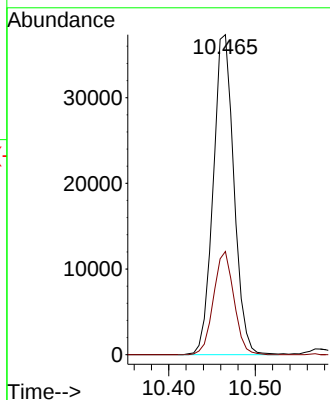
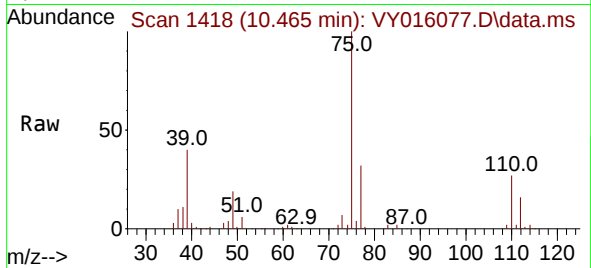
#53
t-1,3-Dichloropropene
Concen: 20.897 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 62030
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

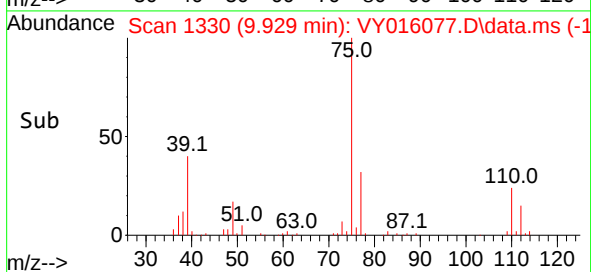
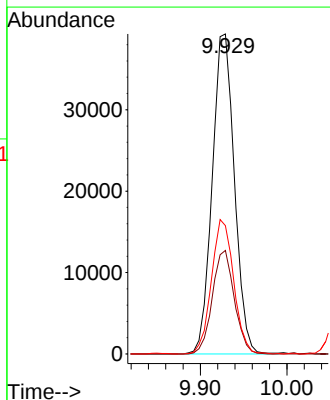
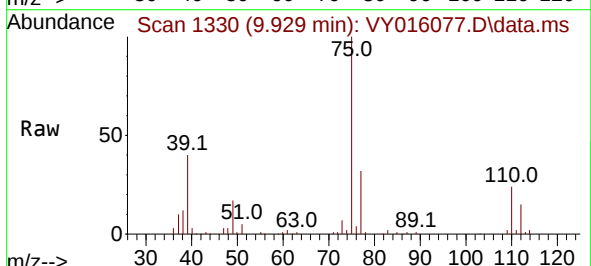
Manual Integrations
APPROVED

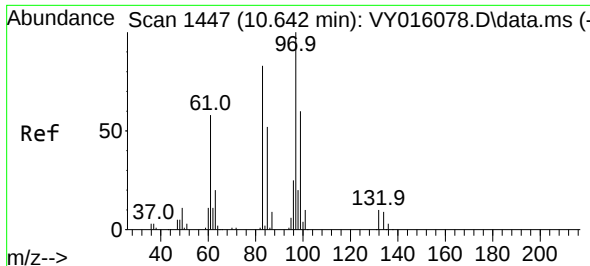
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#54
cis-1,3-Dichloropropene
Concen: 20.843 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

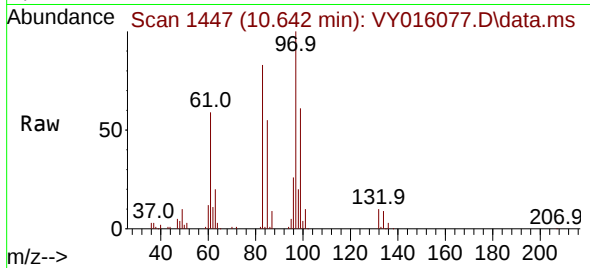
Tgt Ion: 75 Resp: 69967
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 40.1 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.286 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

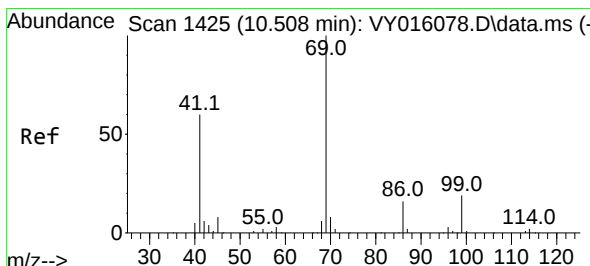
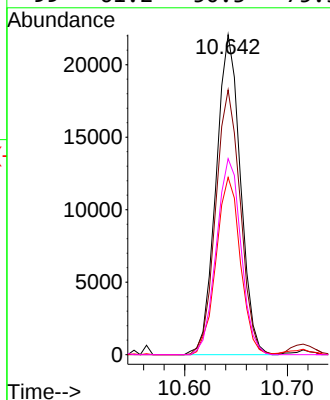
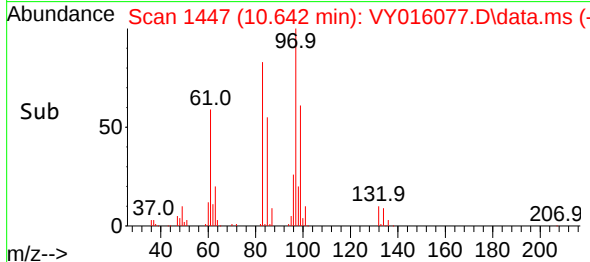
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	72.0	108.0
85	55.4	45.4	68.0
99	61.2	50.3	75.5

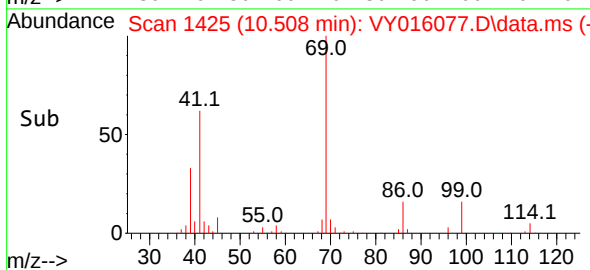
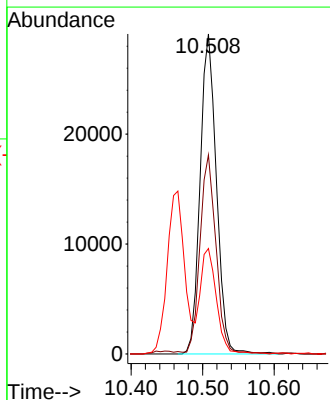
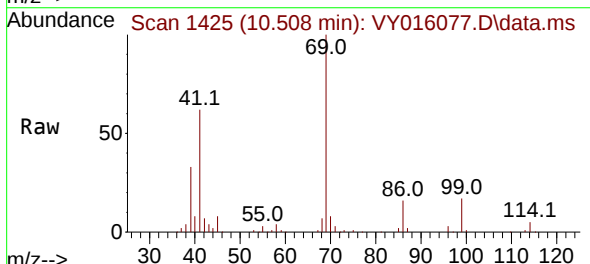
Manual Integrations
APPROVED

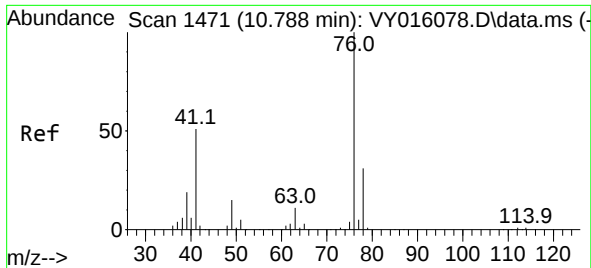
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#56
Ethyl methacrylate
Concen: 21.034 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.9	57.6	86.4
39	32.0	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 21.095 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6013

Ion Ratio Lower Upper

76 100

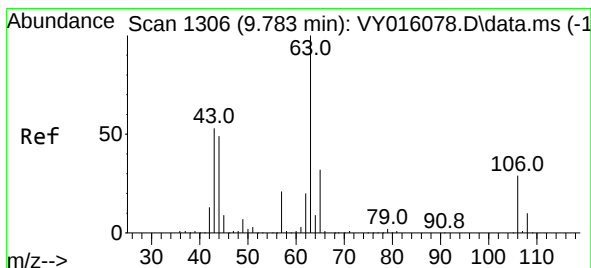
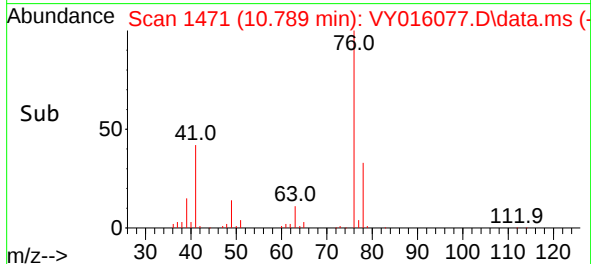
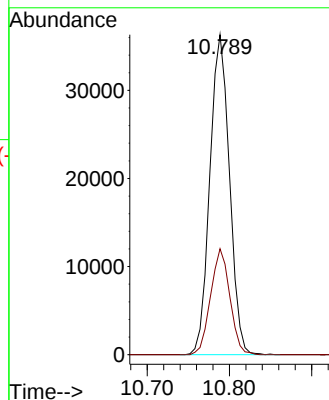
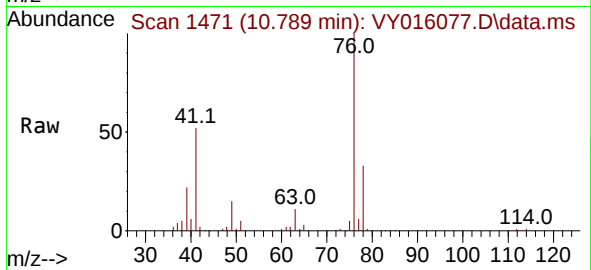
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.764 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016077.D

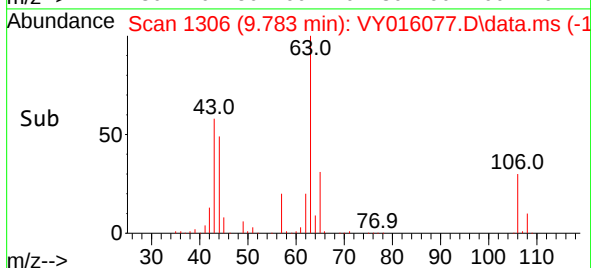
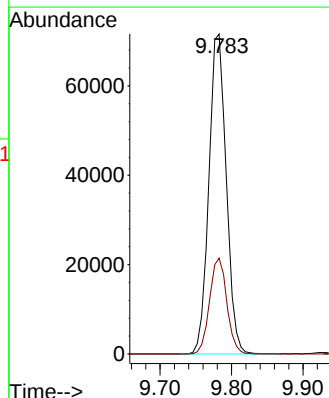
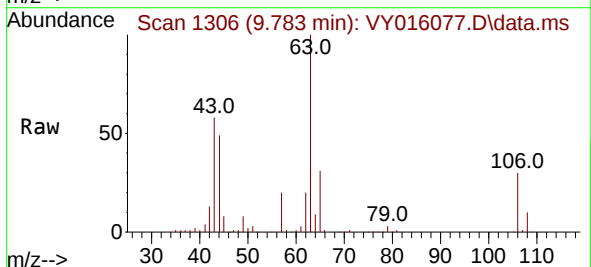
Acq: 26 Oct 2023 12:22

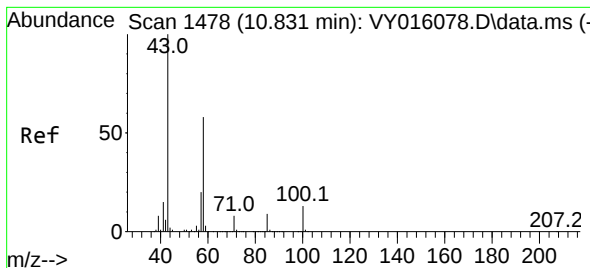
Tgt Ion: 63 Resp: 120852

Ion Ratio Lower Upper

63 100

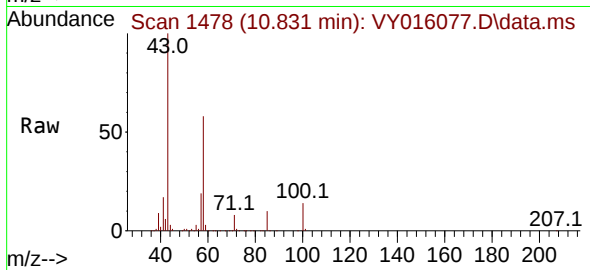
106 29.7 21.2 31.8





#59
2-Hexanone
Concen: 108.736 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

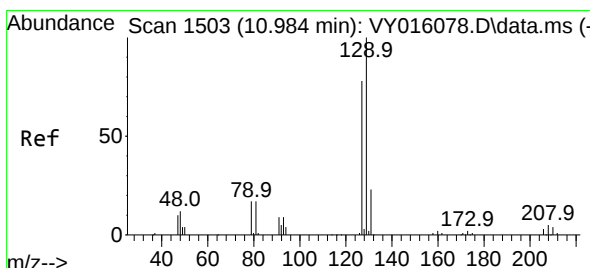
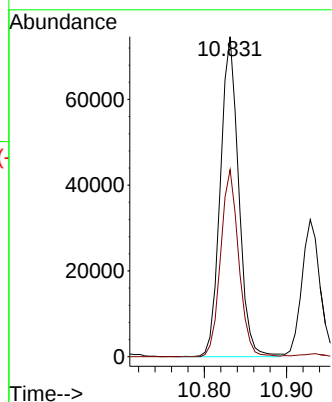
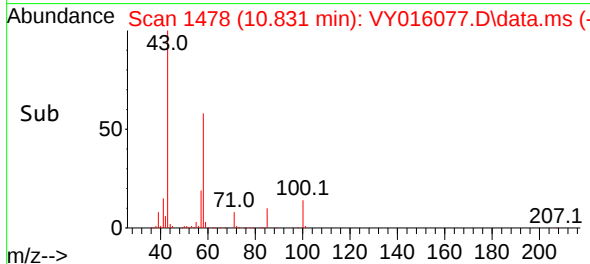
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 115712
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3

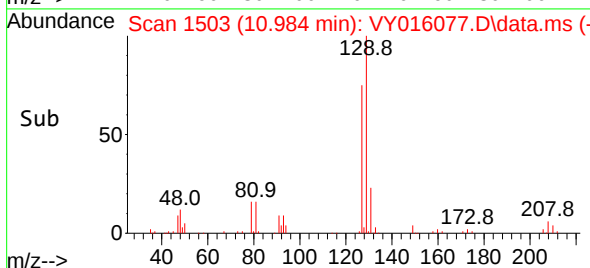
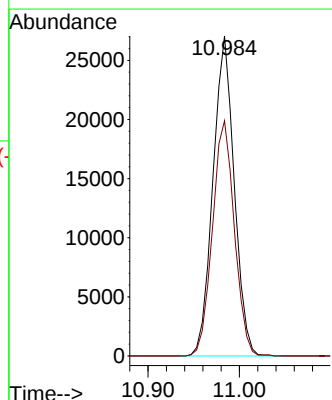
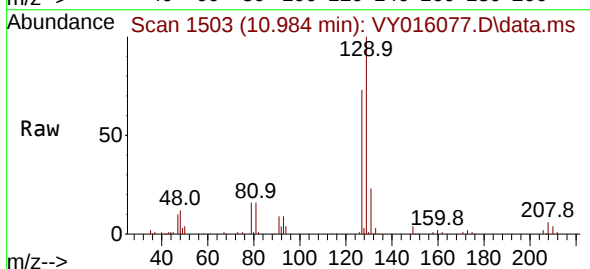
Manual Integrations
APPROVED

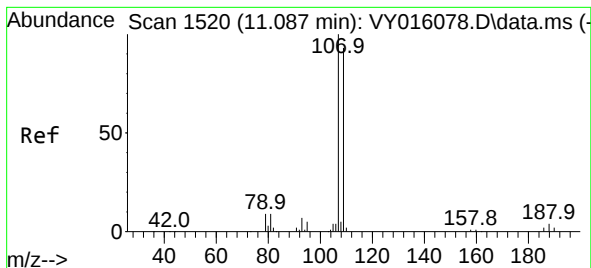
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#60
Dibromochloromethane
Concen: 20.926 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

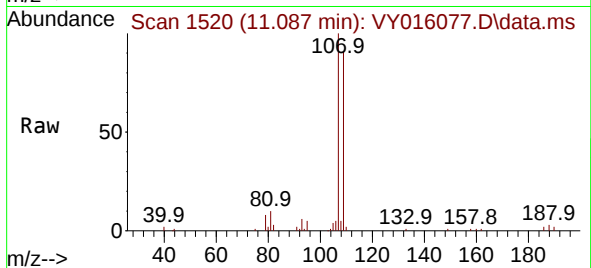
Tgt Ion:129 Resp: 43701
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.245 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

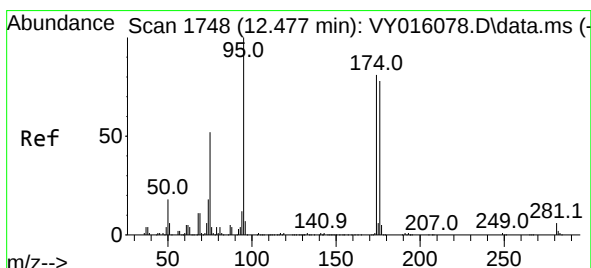
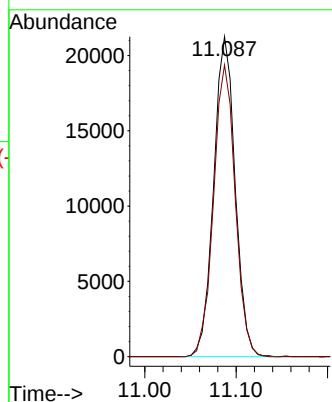
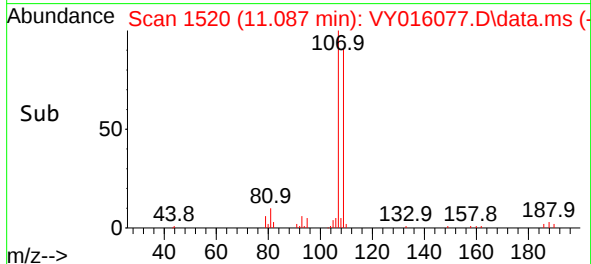
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



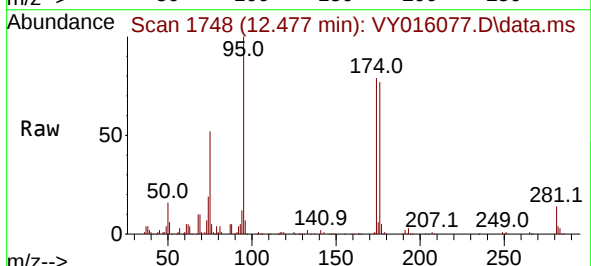
Tgt Ion:107 Resp: 3469
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4

Manual Integrations
APPROVED

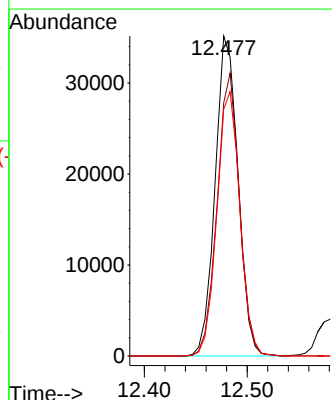
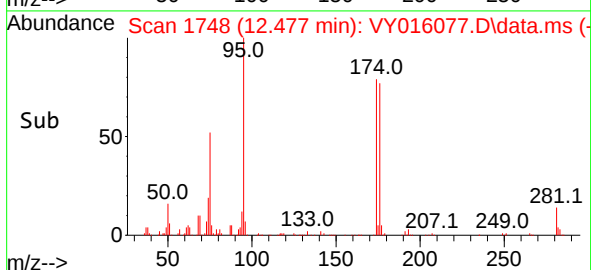
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

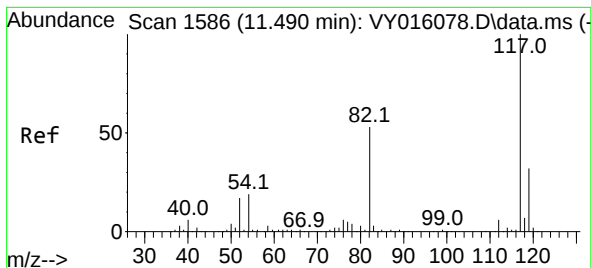


#62
4-Bromofluorobenzene
Concen: 20.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



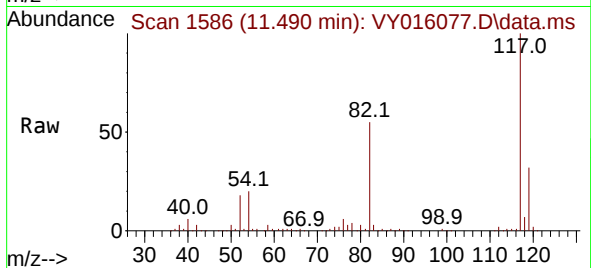
Tgt Ion: 95 Resp: 54343
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

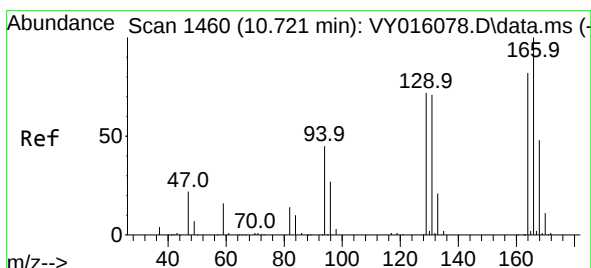
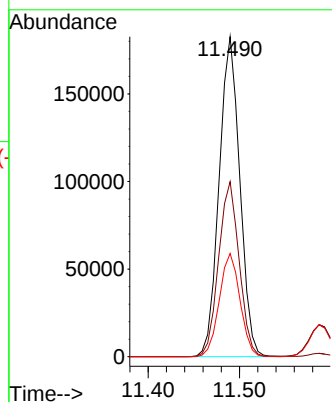
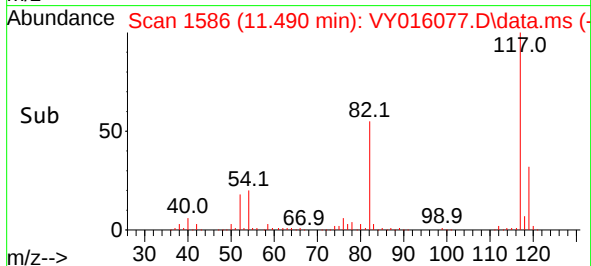
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



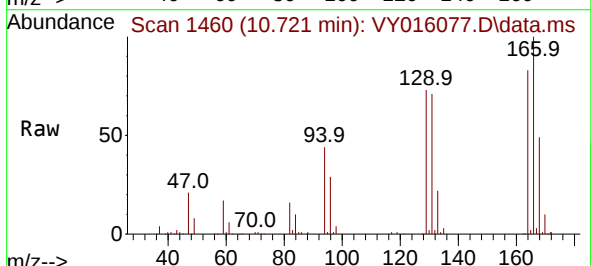
Tgt Ion:117 Resp: 287178
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.3 26.3 39.5

Manual Integrations
APPROVED

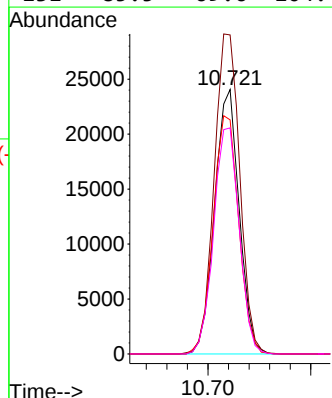
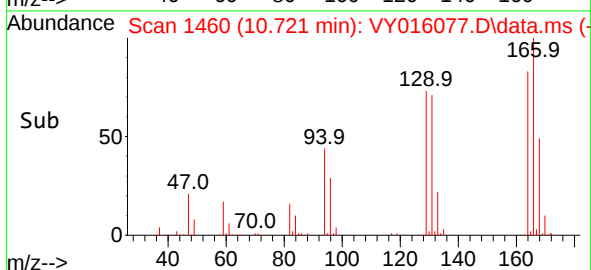
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

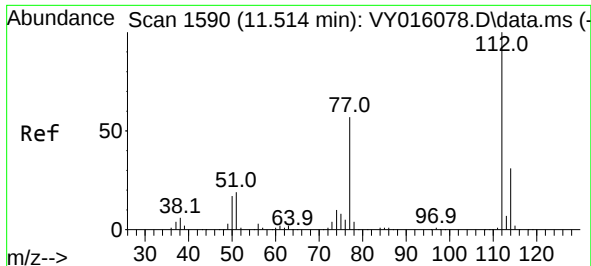


#64
Tetrachloroethene
Concen: 21.004 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



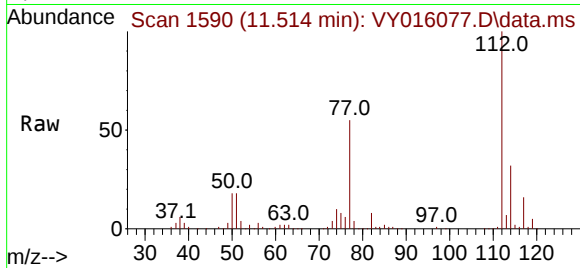
Tgt Ion:164 Resp: 39917
Ion Ratio Lower Upper
164 100
166 120.6 103.0 154.6
129 88.5 77.2 115.8
131 85.5 69.6 104.4





#65
Chlorobenzene
Concen: 21.321 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

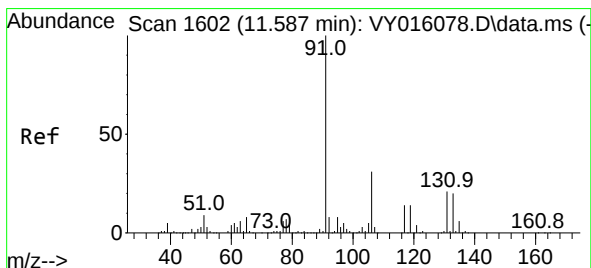
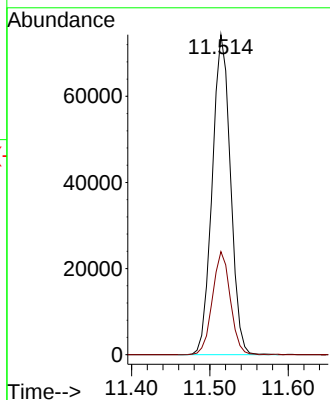
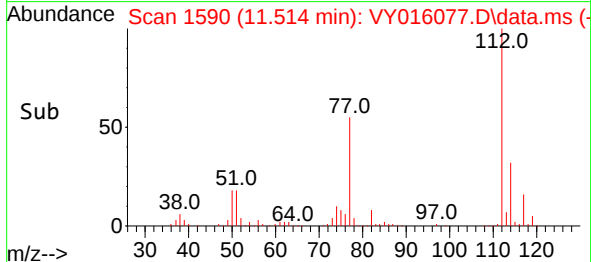
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 120320
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

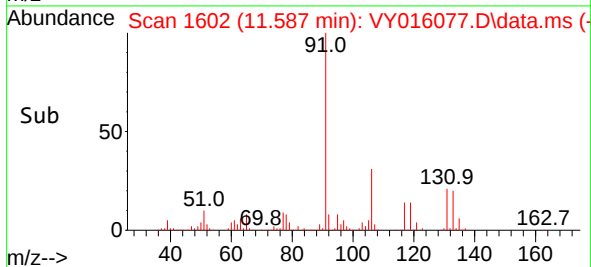
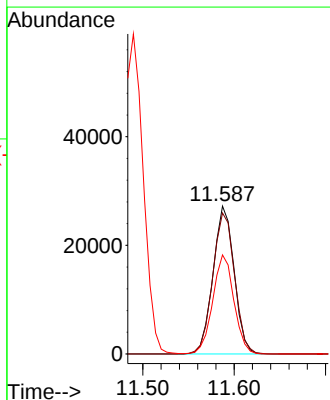
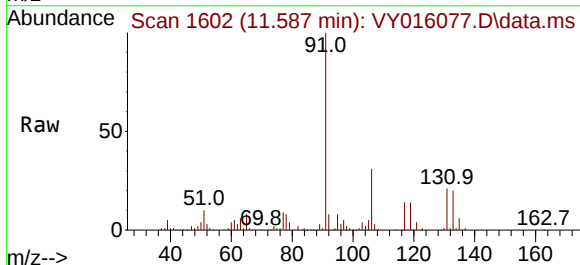
Manual Integrations
APPROVED

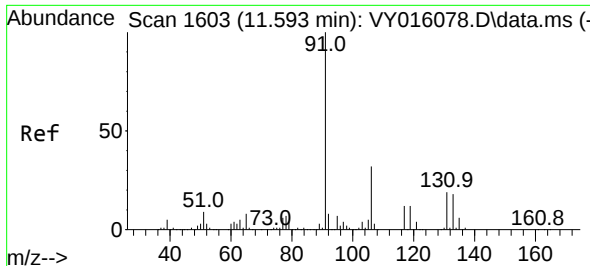
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.754 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

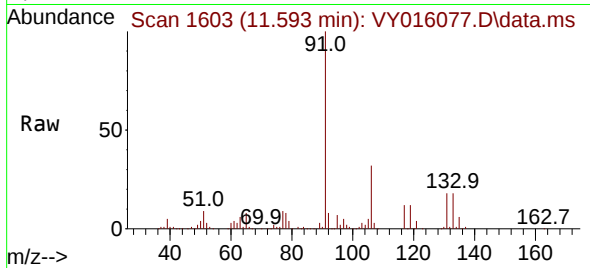
Tgt Ion:131 Resp: 43740
Ion Ratio Lower Upper
131 100
133 98.7 47.5 142.6
119 67.1 31.6 94.7





#67
Ethyl Benzene
Concen: 20.924 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

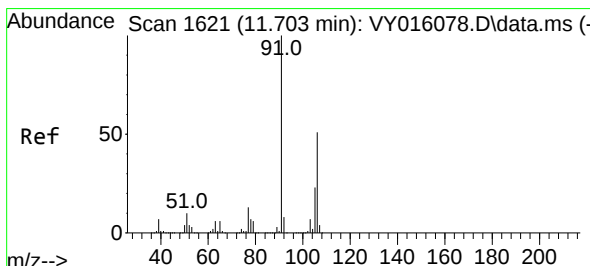
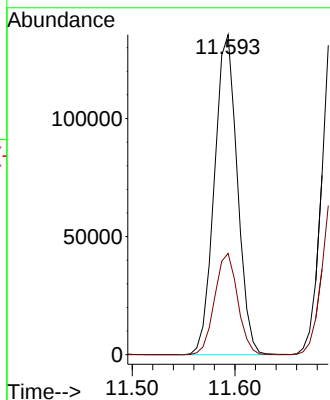
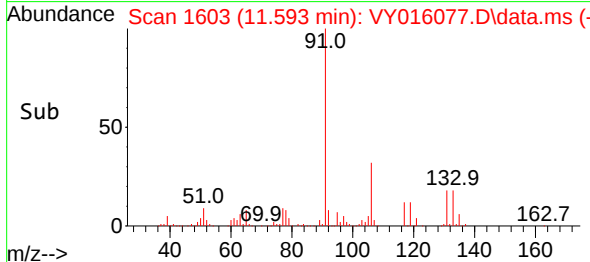
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



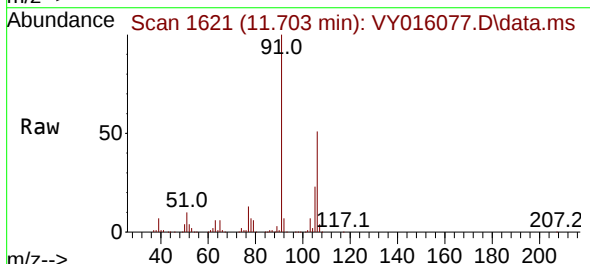
Tgt Ion: 91 Resp: 20974
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

Manual Integrations
APPROVED

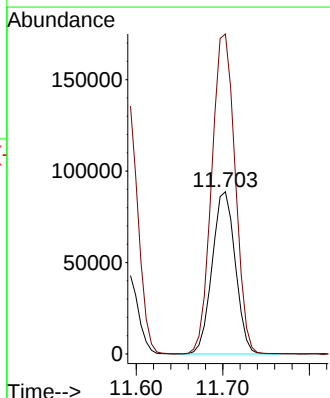
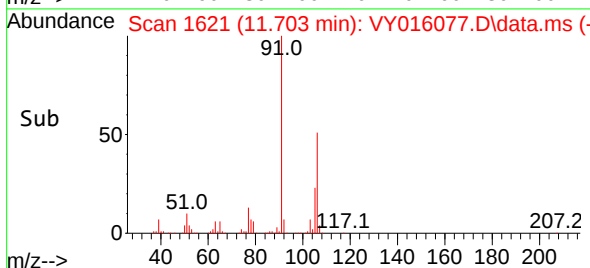
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

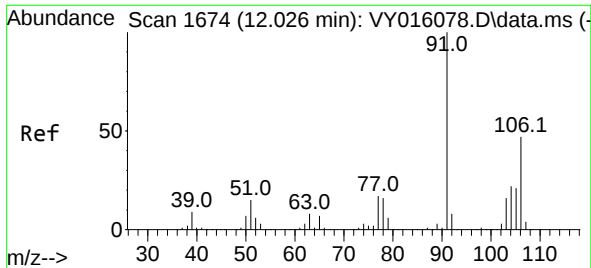


#68
m/p-Xylenes
Concen: 42.411 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion:106 Resp: 164522
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1





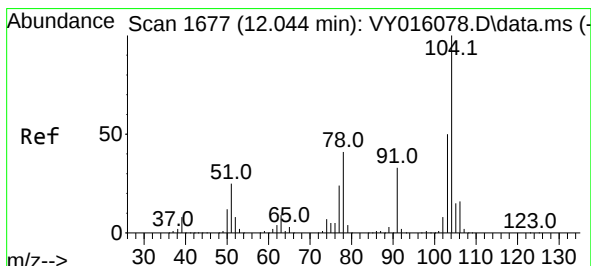
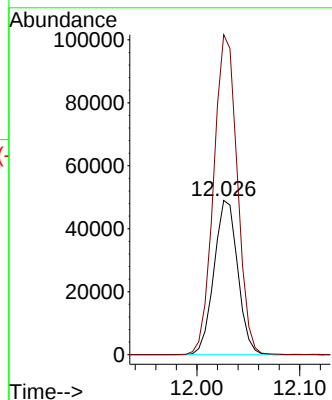
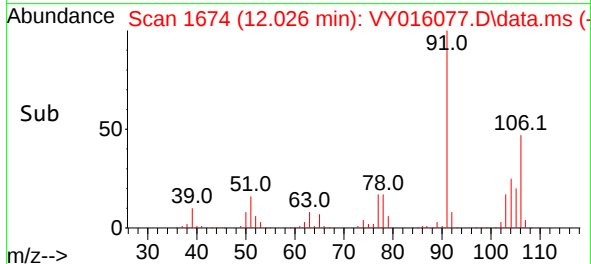
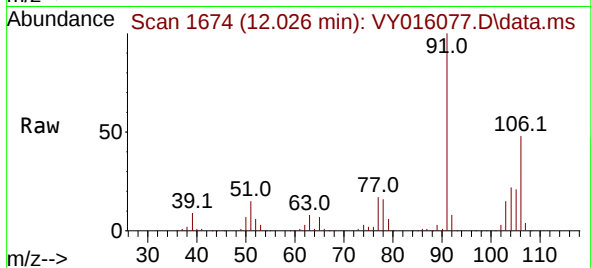
#69
o-Xylene
Concen: 21.126 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 7845
Ion Ratio Lower Upper
106 100
91 207.3 108.1 324.3

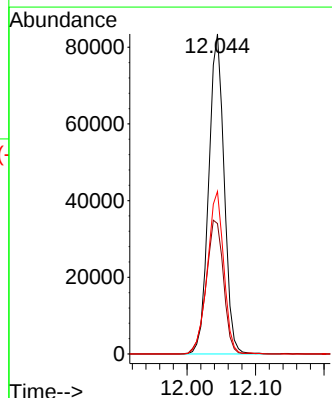
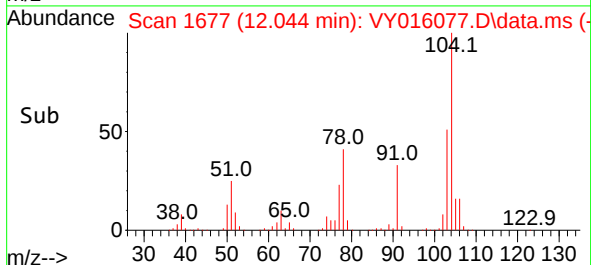
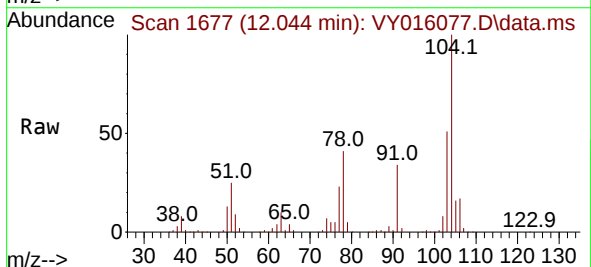
Manual Integrations
APPROVED

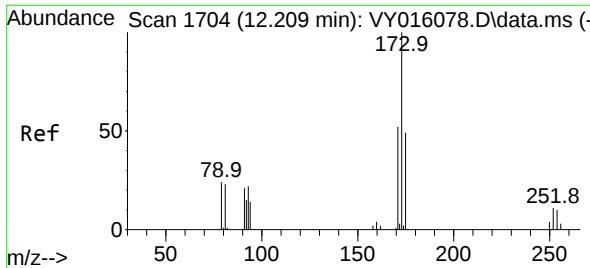
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#70
Styrene
Concen: 21.152 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

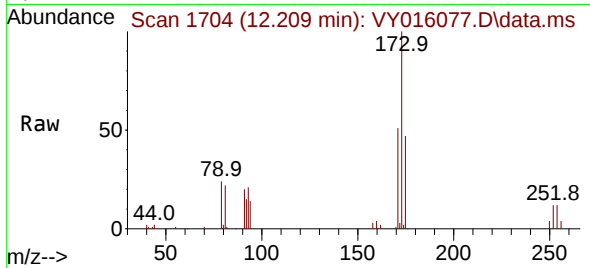
Tgt Ion:104 Resp: 130942
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 54.1 44.6 67.0





#71
Bromoform
Concen: 20.865 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

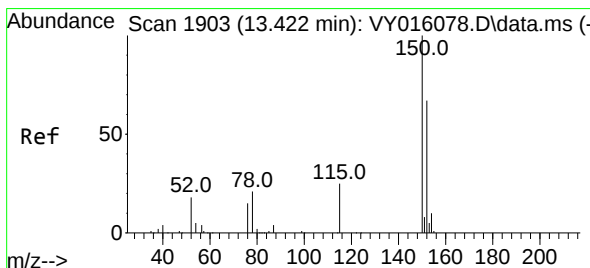
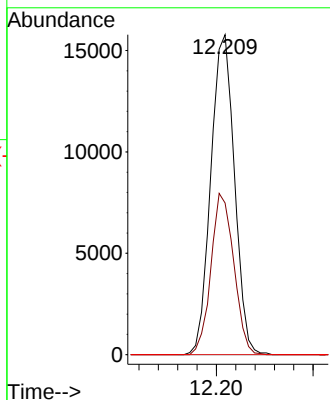
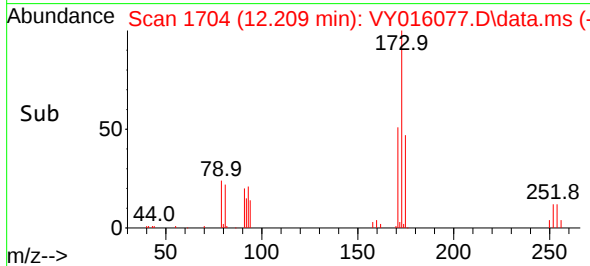
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 26780
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.2 0.2

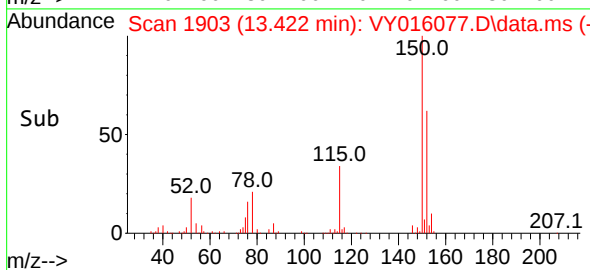
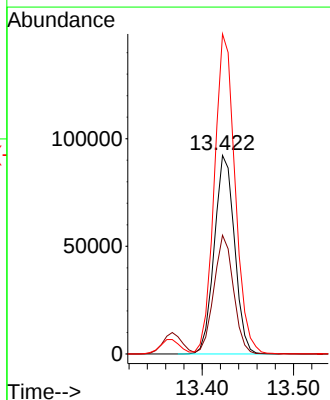
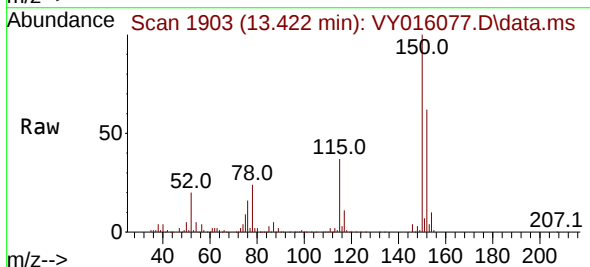
Manual Integrations
APPROVED

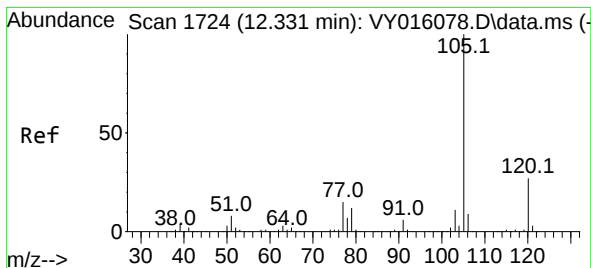
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:152 Resp: 141887
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 165.1 0.0 348.8





#73

Isopropylbenzene

Concen: 20.813 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 207825

Ion Ratio Lower Upper

105 100

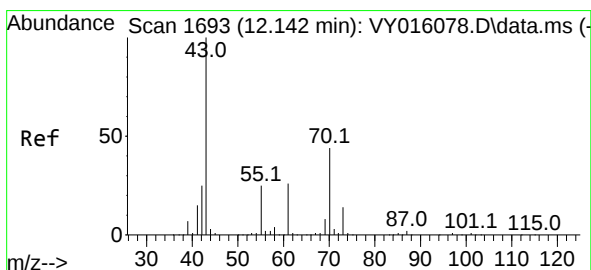
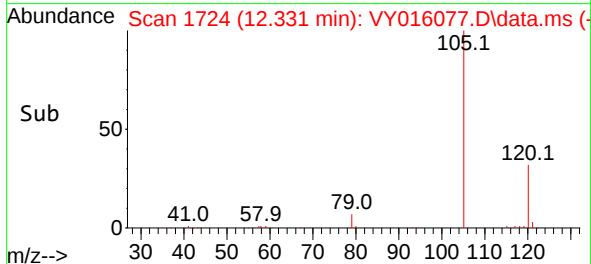
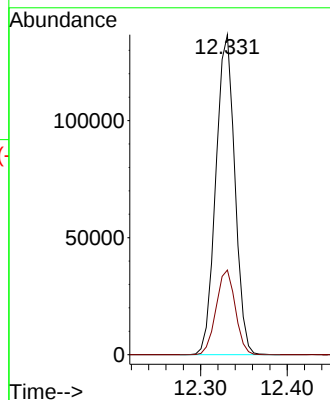
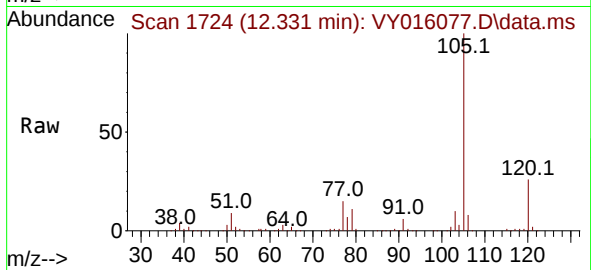
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#74

N-ethyl acetate

Concen: 20.854 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion: 43 Resp: 50776

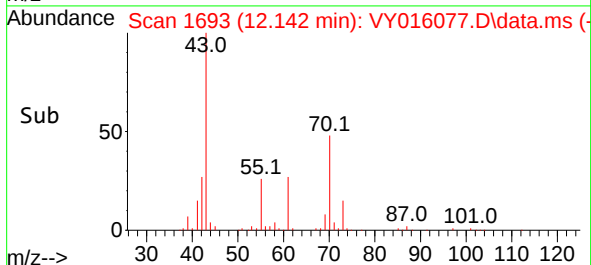
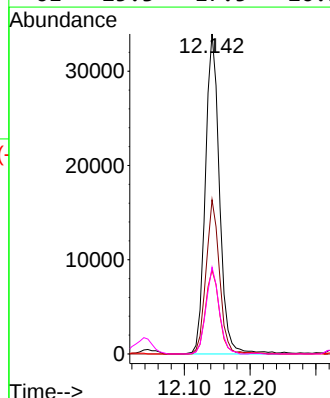
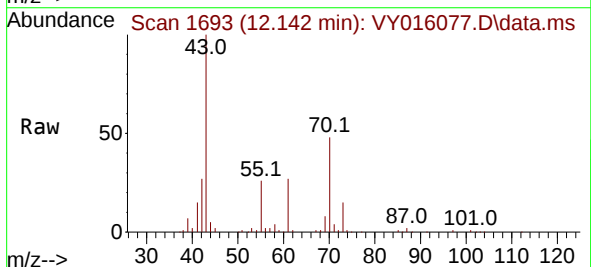
Ion Ratio Lower Upper

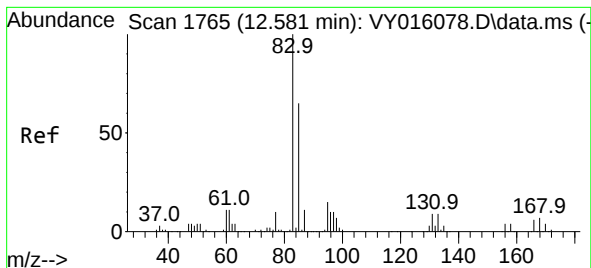
43 100

70 46.0 29.7 44.5

55 25.4 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.028 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

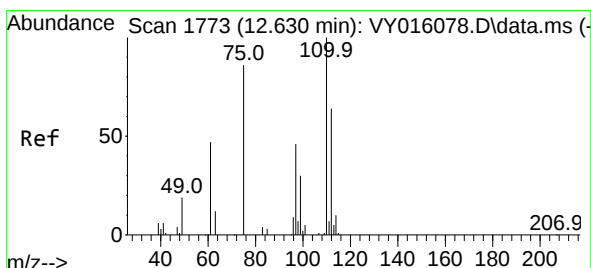
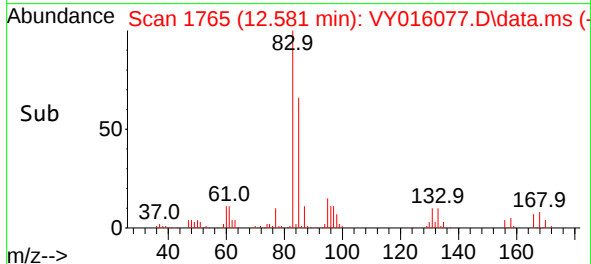
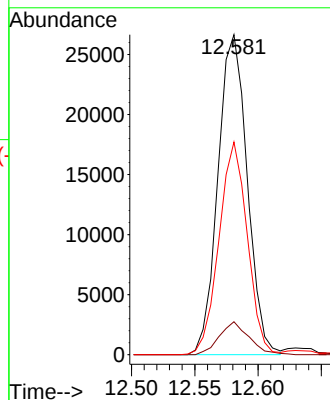
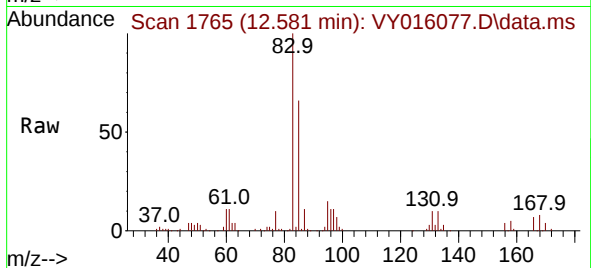
VSTDIC020

Tgt Ion:	83	Resp:	4292
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	64.2	31.8	95.4

Manual Integrations

APPROVED

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



#76

1,2,3-Trichloropropane

Concen: 20.424 ug/l m

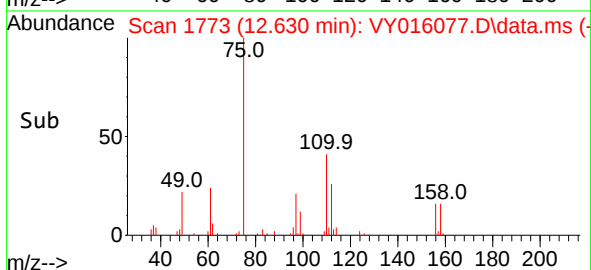
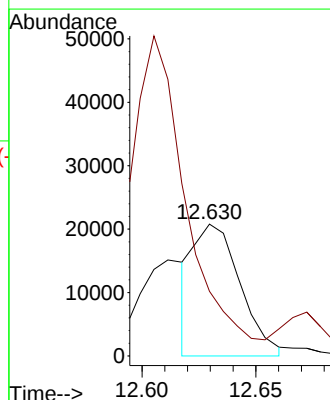
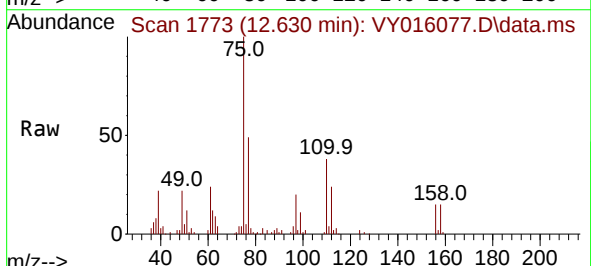
RT: 12.630 min Scan# 1773

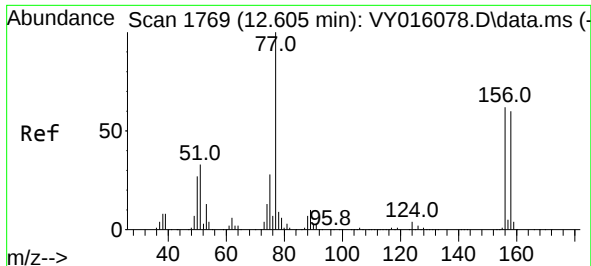
Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

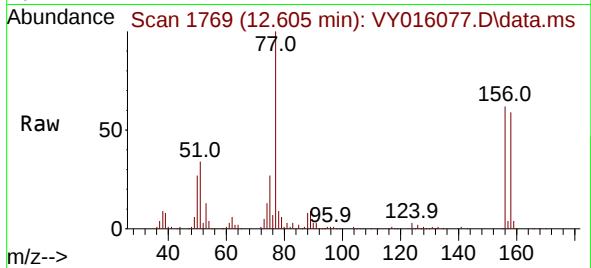
Tgt Ion:	75	Resp:	29790
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 20.965 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

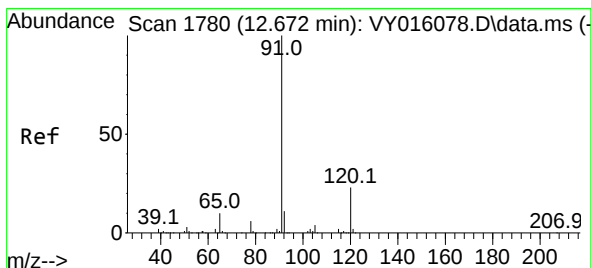
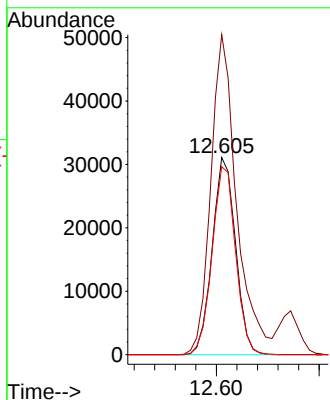
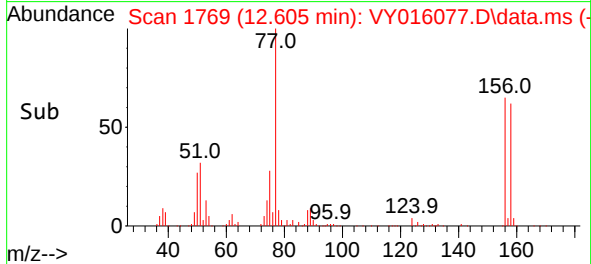
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



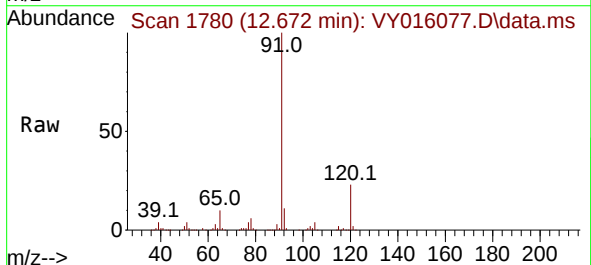
Tgt Ion:156 Resp: 4885
Ion Ratio Lower Upper
156 100
77 179.9 92.8 278.6
158 96.2 48.4 145.3

Manual Integrations
APPROVED

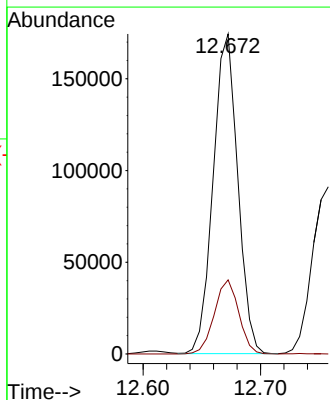
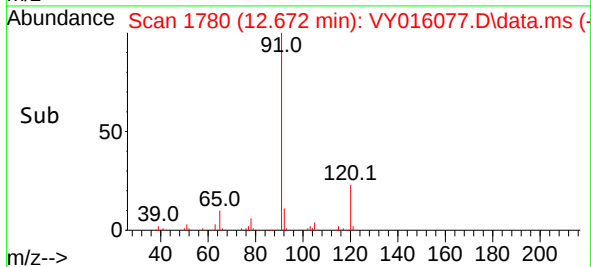
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

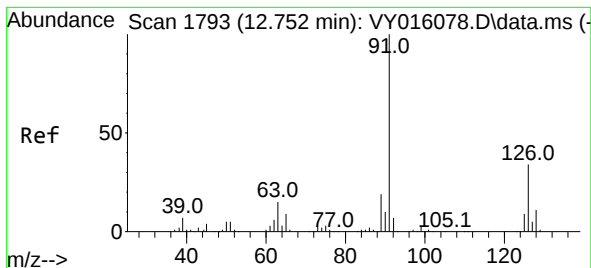


#78
n-propylbenzene
Concen: 20.947 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion: 91 Resp: 253260
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.855 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 141215

Ion Ratio Lower Upper

91 100

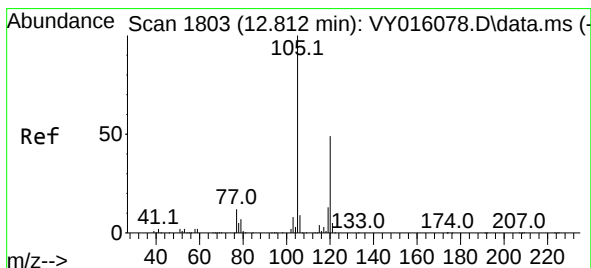
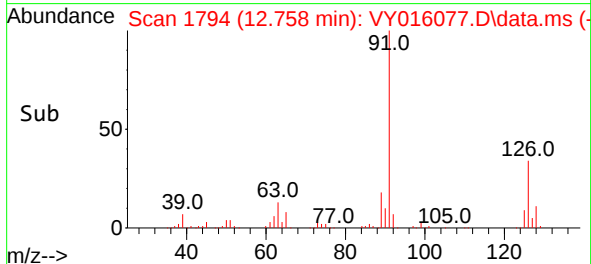
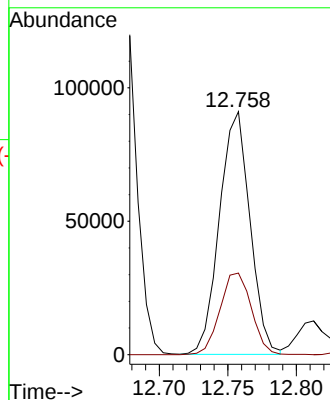
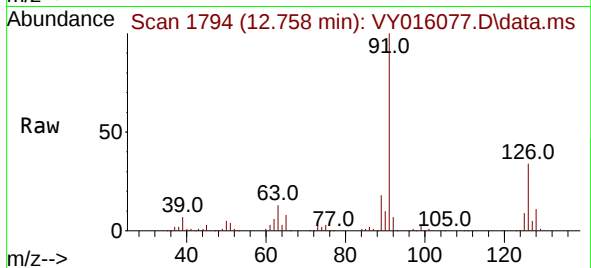
126 34.6 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.950 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY016077.D

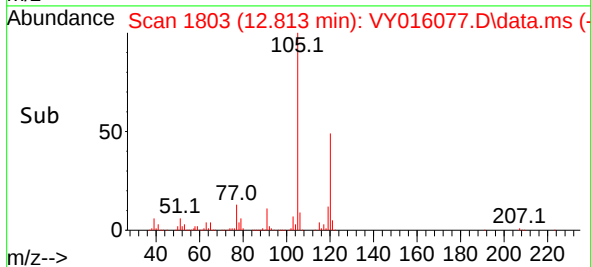
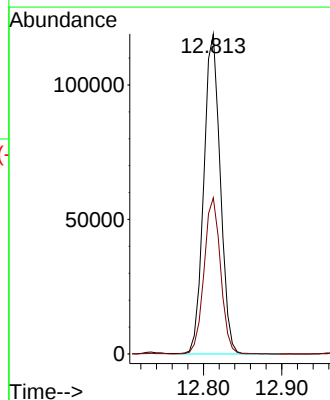
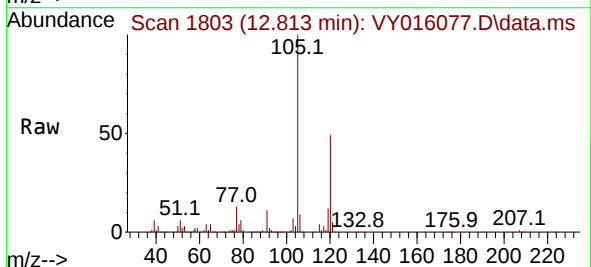
Acq: 26 Oct 2023 12:22

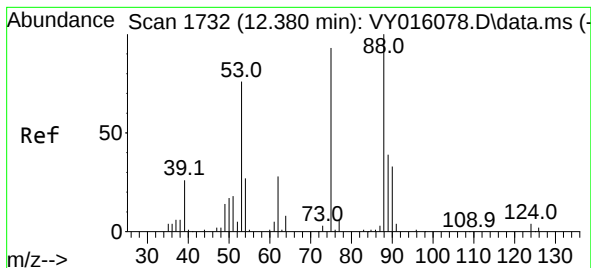
Tgt Ion:105 Resp: 173684

Ion Ratio Lower Upper

105 100

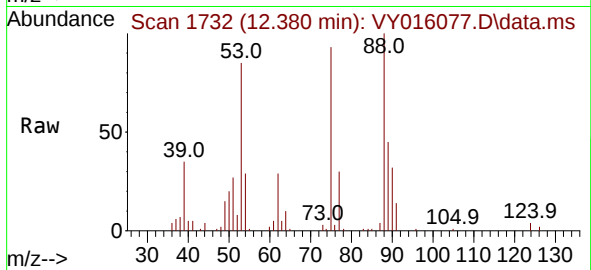
120 48.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.613 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

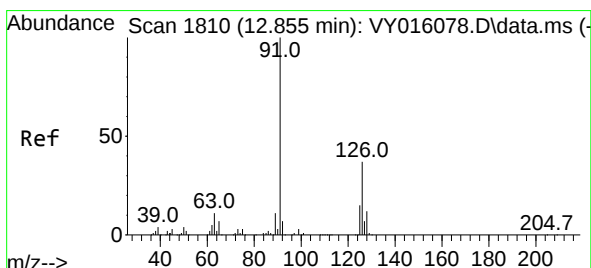
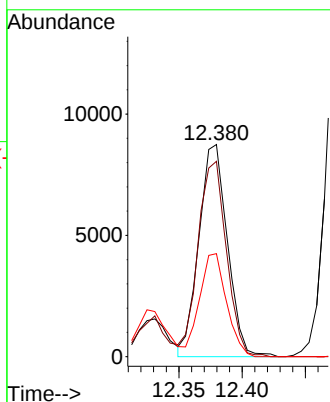
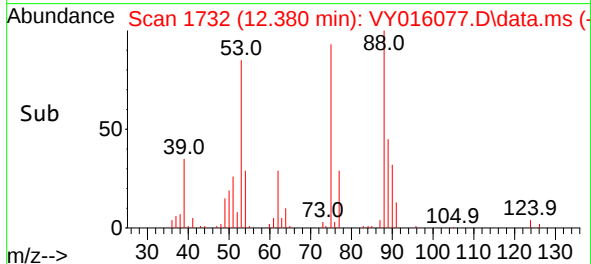
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 1374
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 45.5 37.4 56.0

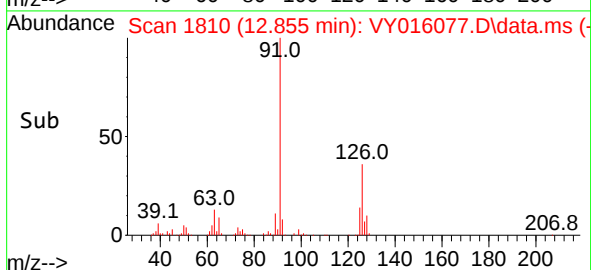
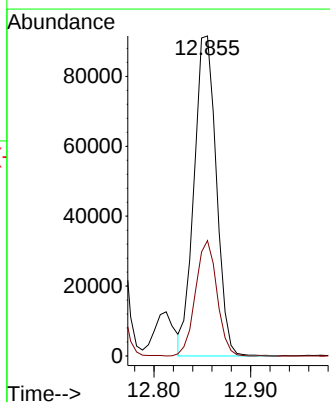
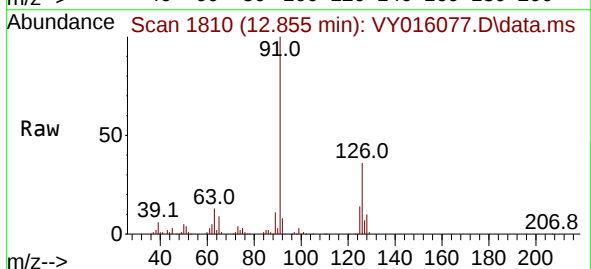
Manual Integrations
APPROVED

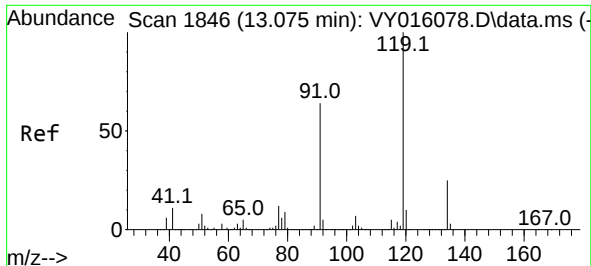
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#82
4-Chlorotoluene
Concen: 20.896 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

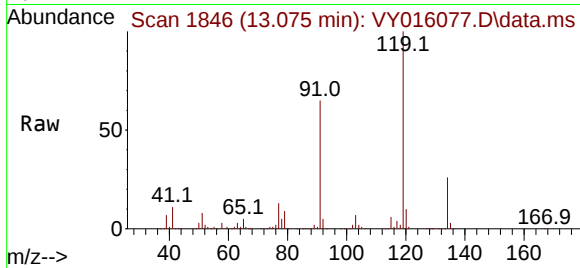
Tgt Ion: 91 Resp: 146739
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.954 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

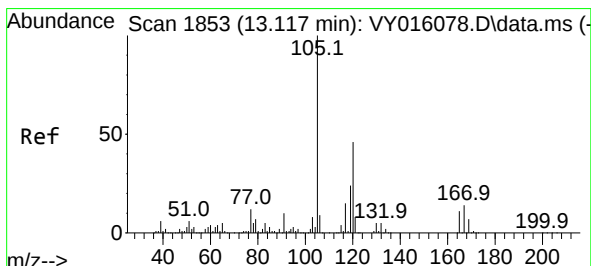
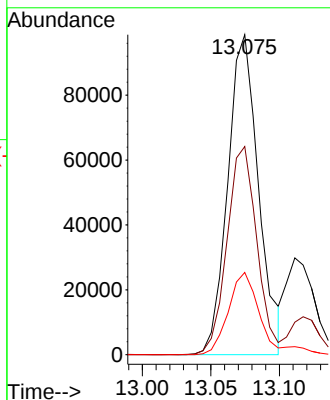
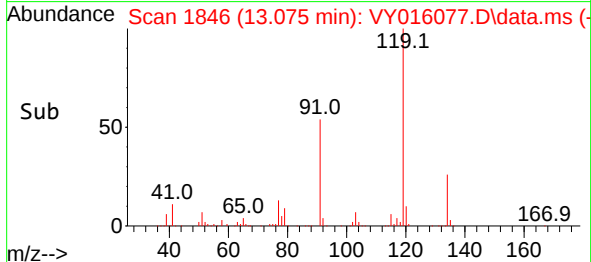
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



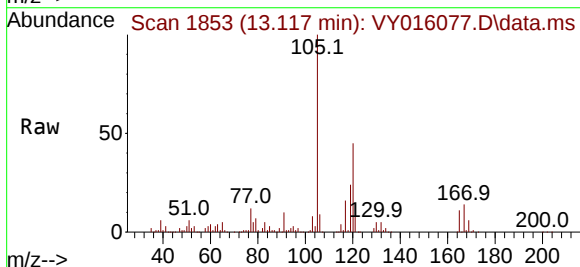
Tgt Ion:119 Resp: 15441
Ion Ratio Lower Upper
119 100
91 63.0 32.9 98.6
134 26.9 13.0 38.9

Manual Integrations
APPROVED

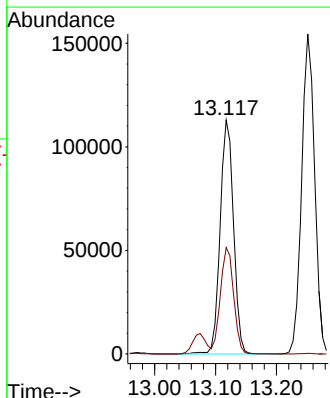
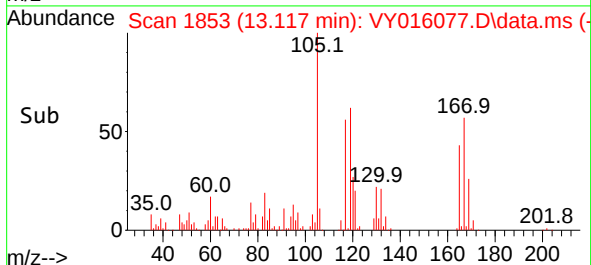
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

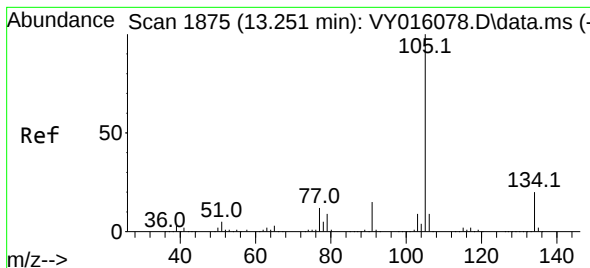


#84
1,2,4-Trimethylbenzene
Concen: 20.999 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion:105 Resp: 171941
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.805 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 228350

Ion Ratio Lower Upper

105 100

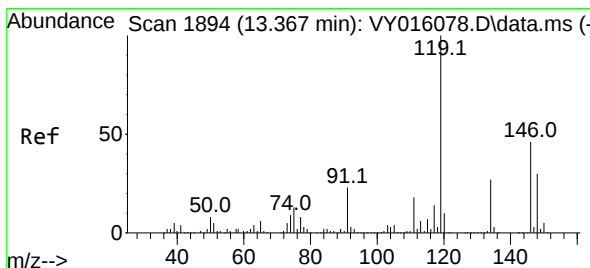
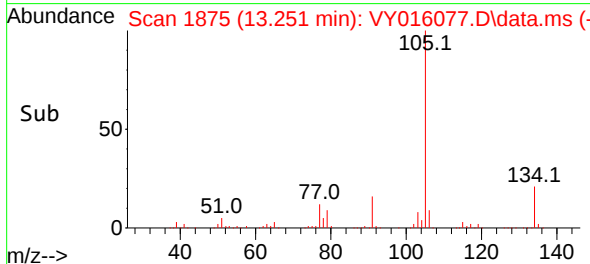
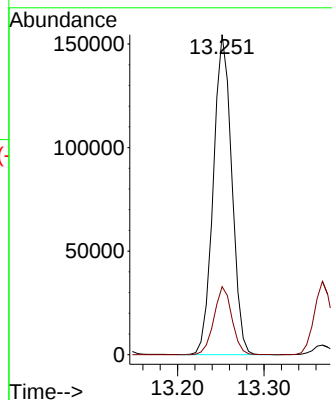
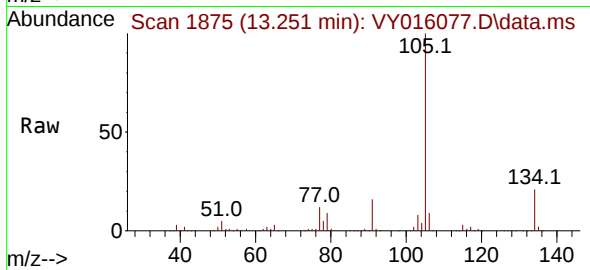
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/27/2023

Supervised By :Semsettin Yesilyurt 10/27/2023



#86

p-Isopropyltoluene

Concen: 20.894 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

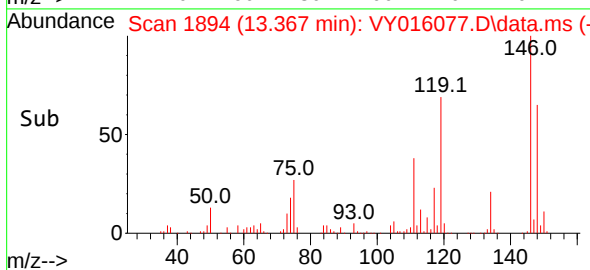
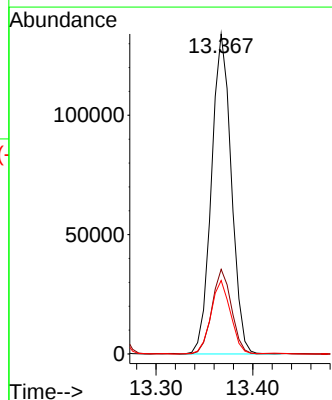
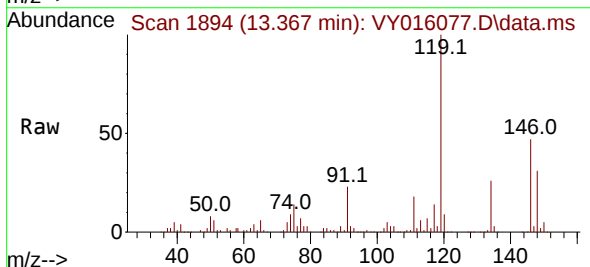
Tgt Ion:119 Resp: 191360

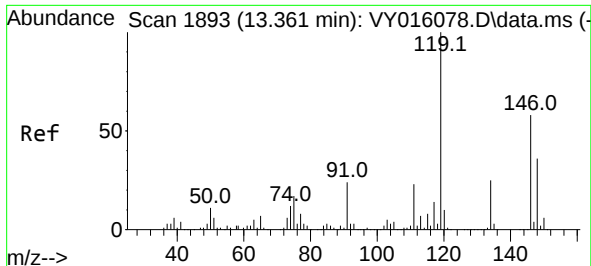
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.835 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

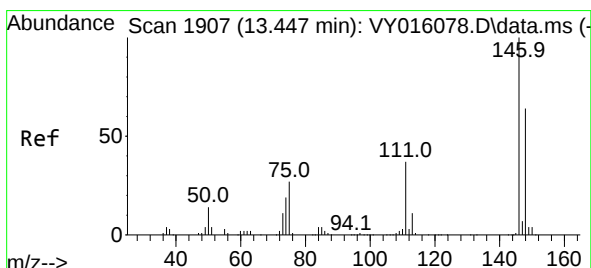
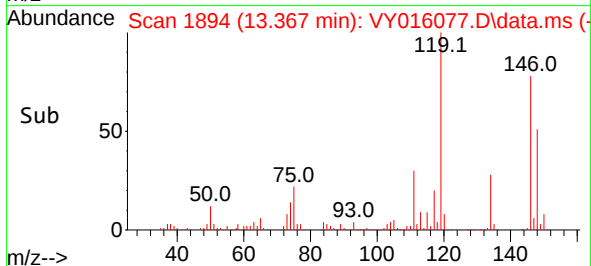
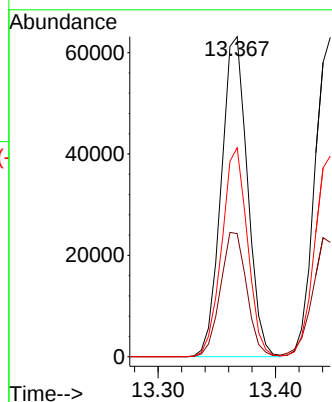
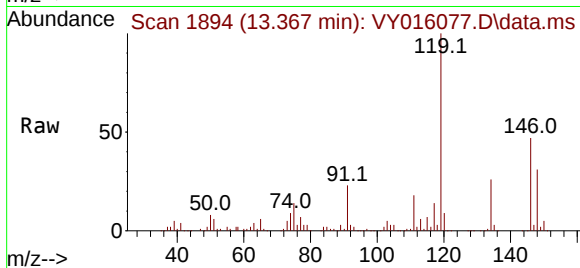
Tgt Ion:146 Resp: 9804

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.9	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: 20.862 ug/l

RT: 13.447 min Scan# 1907

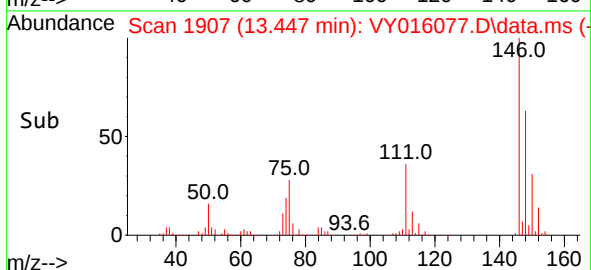
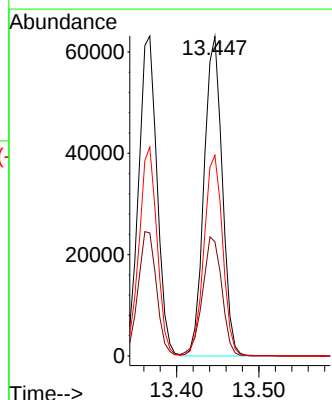
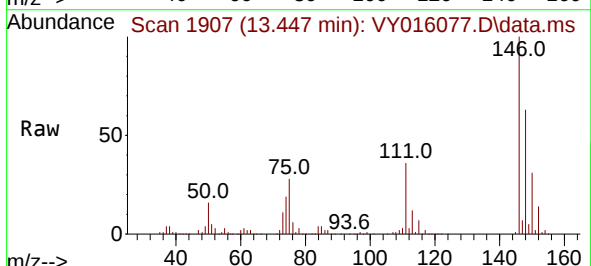
Delta R.T. 0.000 min

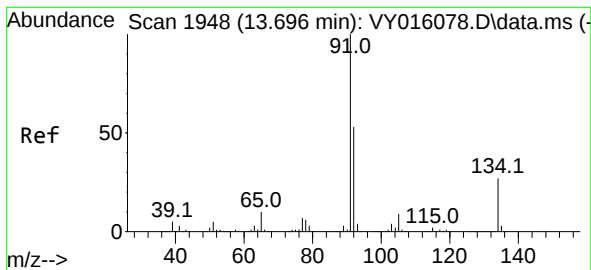
Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion:146 Resp: 97025

Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.7
148	64.5	32.1	96.5





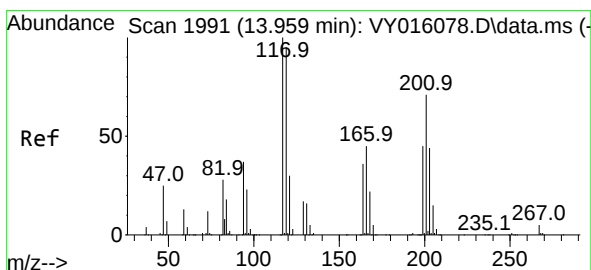
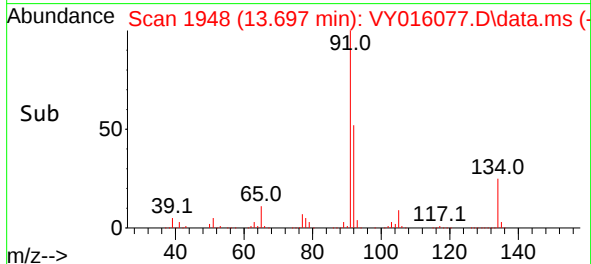
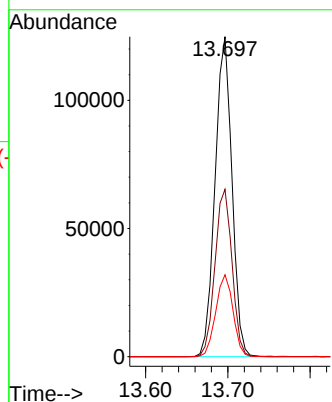
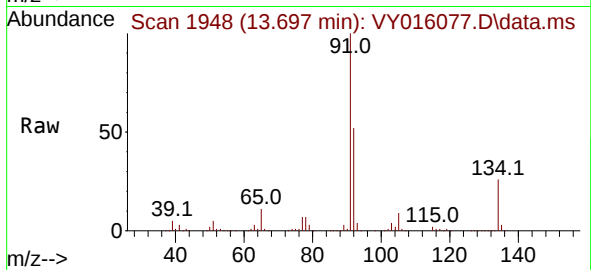
#89
n-Butylbenzene
Concen: 20.832 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 177970
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 26.1 12.6 37.6

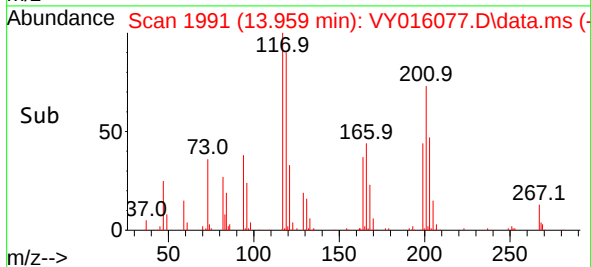
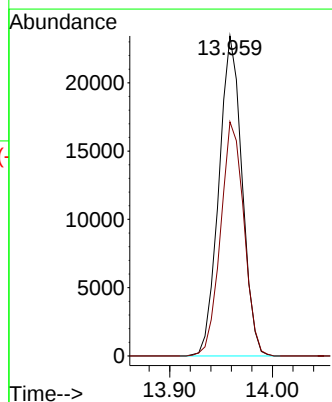
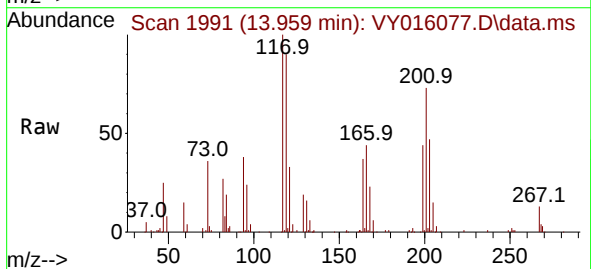
Manual Integrations
APPROVED

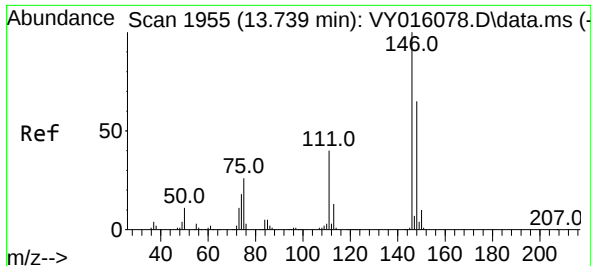
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023



#90
Hexachloroethane
Concen: 20.527 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

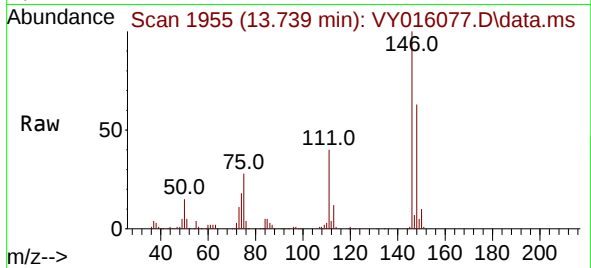
Tgt Ion:117 Resp: 36601
Ion Ratio Lower Upper
117 100
201 73.9 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 20.883 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

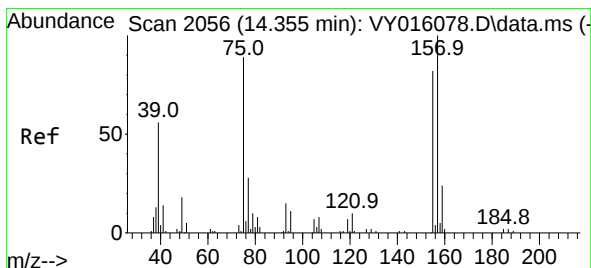
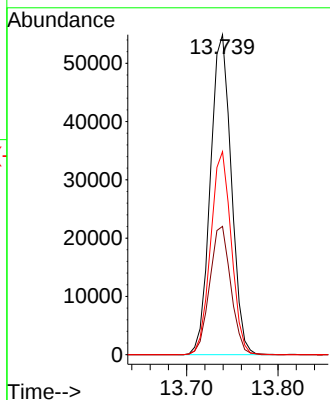
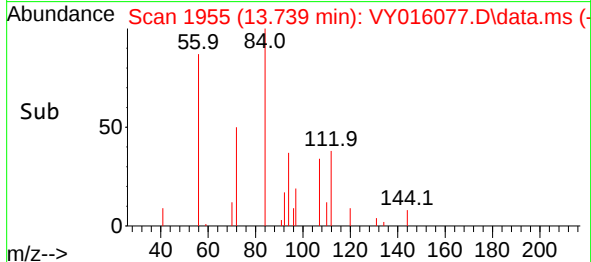
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



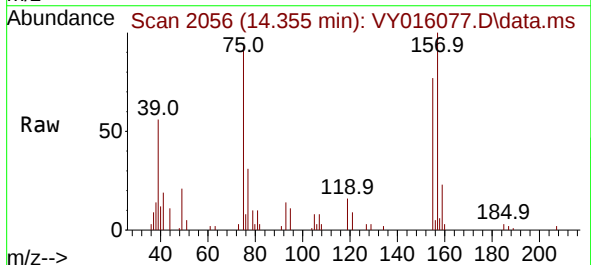
Tgt Ion:146 Resp: 8700
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 62.8 32.0 96.2

Manual Integrations
APPROVED

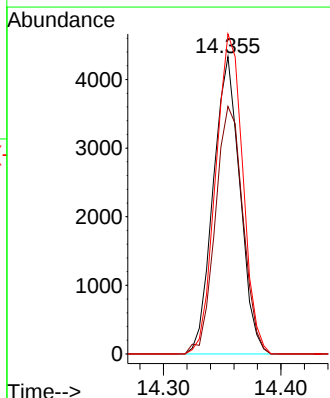
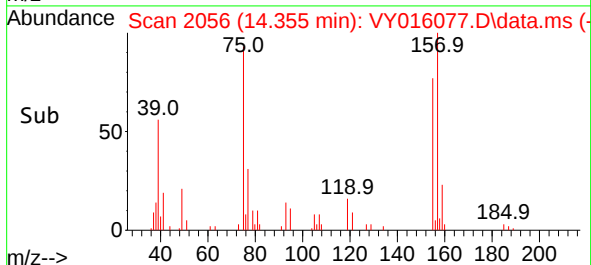
Reviewed By :Mahesh Dadoda 10/27/2023
Supervised By :Semsettin Yesilyurt 10/27/2023

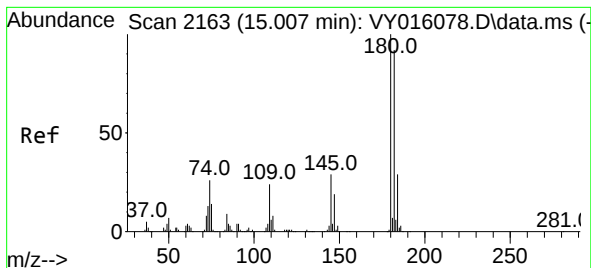


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.363 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22



Tgt Ion: 75 Resp: 6846
Ion Ratio Lower Upper
75 100
155 86.2 41.5 124.6
157 109.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.954 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

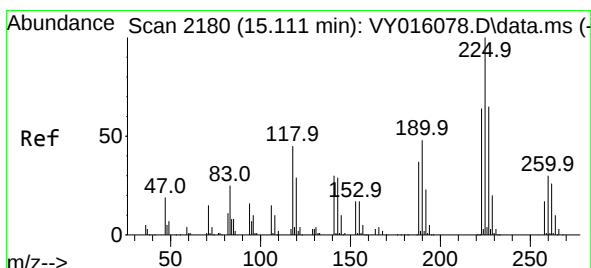
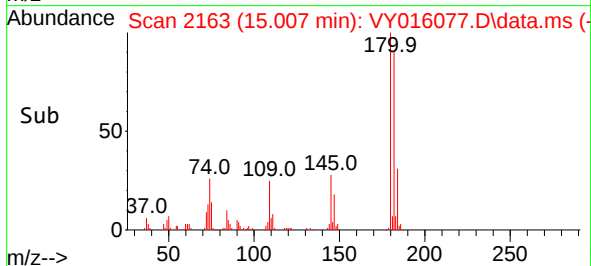
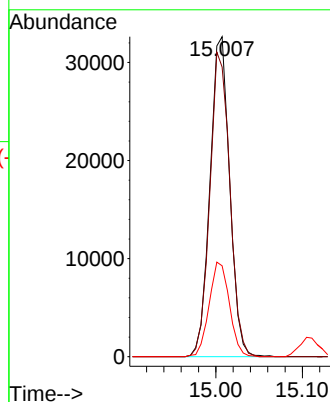
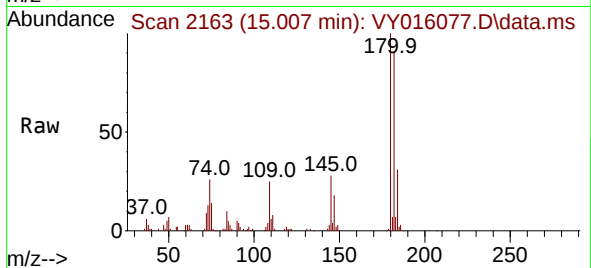
VSTDIC020

Tgt Ion:180	Resp:	5143
Ion Ratio	Lower	Upper
180	100	
182	96.7	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: 20.775 ug/l

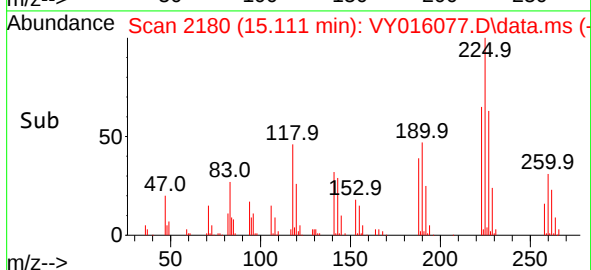
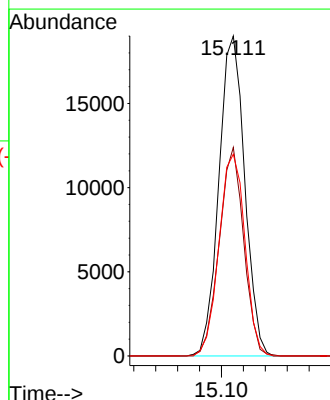
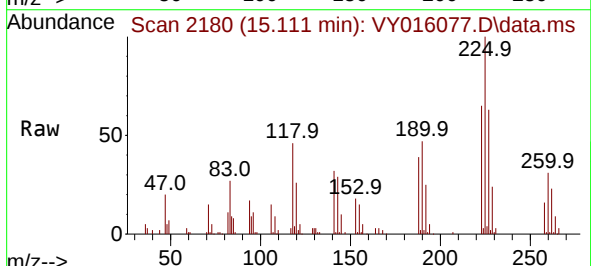
RT: 15.111 min Scan# 2180

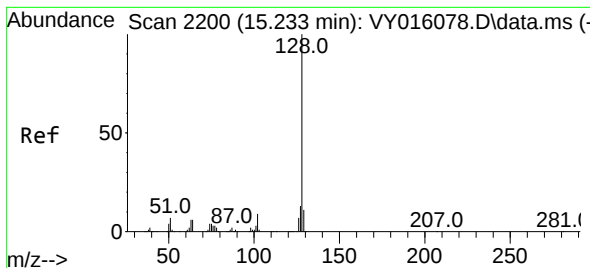
Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion:225	Resp:	31080
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.9 95.9
227	63.4	33.0 98.9





#95

Naphthalene

Concen: 19.887 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

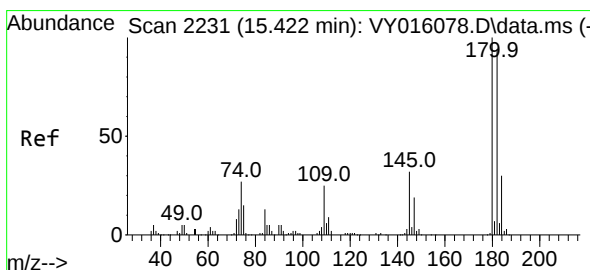
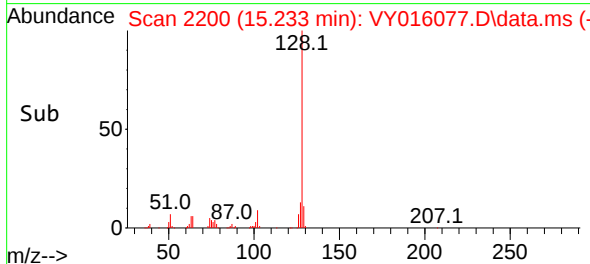
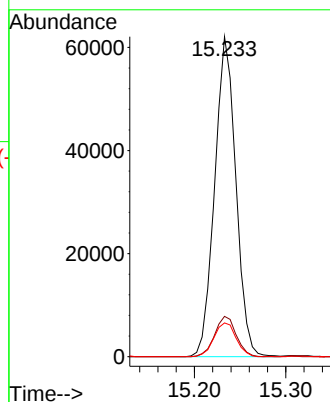
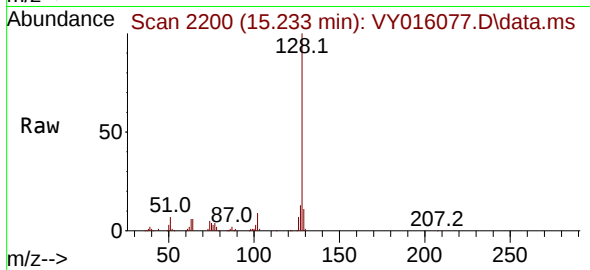
VSTDIC020

Tgt Ion:	128	Resp:	9997
Ion Ratio	Lower	Upper	
128	100		
127	12.9	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: 19.896 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion:	180	Resp:	44226
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.3	141.8
145	32.5	15.4	46.2

