

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016696.D
 Acq On : 19 Dec 2023 14:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 20 05:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	278307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	238809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	112708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	143540	87.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.240%#			
35) Dibromofluoromethane	7.728	113	153573	93.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 187.380%#			
50) Toluene-d8	10.191	98	572734	96.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 192.960%#			
62) 4-Bromofluorobenzene	12.489	95	158496	93.903	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 187.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	132582	98.382	ug/l	98
3) Chloromethane	2.125	50	238178	100.601	ug/l	99
4) Vinyl Chloride	2.260	62	340264	88.449	ug/l	100
5) Bromomethane	2.662	94	316858	94.928	ug/l	99
6) Chloroethane	2.802	64	251496	87.340	ug/l	96
7) Trichlorofluoromethane	3.137	101	310528	92.094	ug/l	100
8) Diethyl Ether	3.540	74	84974	94.144	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.918	101	168436	92.073	ug/l	96
10) Methyl Iodide	4.107	142	210149	101.155	ug/l	98
11) Tert butyl alcohol	4.966	59	47643	492.282	ug/l	100
12) 1,1-Dichloroethene	3.887	96	157495	94.922	ug/l	98
13) Acrolein	3.741	56	40754	495.436	ug/l	99
14) Allyl chloride	4.491	41	196902	95.042	ug/l #	86
15) Acrylonitrile	5.174	53	169110	467.986	ug/l	98
16) Acetone	3.960	43	153853	509.280	ug/l	93
17) Carbon Disulfide	4.210	76	428955	96.601	ug/l	100
18) Methyl Acetate	4.491	43	138247	96.841	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	395298	98.625	ug/l	97
20) Methylene Chloride	4.729	84	175015	102.855	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	182186	97.088	ug/l	99
22) Diisopropyl ether	6.131	45	461824	97.393	ug/l	97
23) Vinyl Acetate	6.070	43	1134290	489.188	ug/l	98
24) 1,1-Dichloroethane	6.027	63	308938	94.606	ug/l	99
25) 2-Butanone	6.997	43	215147	503.805	ug/l	96
26) 2,2-Dichloropropane	6.990	77	292276	98.555	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	207798	97.975	ug/l	95
28) Bromochloromethane	7.344	49	120100	101.282	ug/l	93
29) Tetrahydrofuran	7.356	42	126806	475.389	ug/l	99
30) Chloroform	7.521	83	329483	94.043	ug/l	98
31) Cyclohexane	7.795	56	245121	90.898	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	298142	95.836	ug/l	97
36) 1,1-Dichloropropene	7.929	75	251974	101.626	ug/l	99
37) Ethyl Acetate	7.082	43	90300	95.090	ug/l	97
38) Carbon Tetrachloride	7.911	117	271892	101.632	ug/l	99
39) Methylcyclohexane	9.197	83	305125	106.887	ug/l	96
40) Benzene	8.173	78	719728	101.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	49482m	98.111	ug/l	
42) 1,2-Dichloroethane	8.246	62	196883	97.670	ug/l	96
43) Isopropyl Acetate	8.283	43	184120	100.947	ug/l	97
44) Trichloroethene	8.953	130	200514	102.282	ug/l	93
45) 1,2-Dichloropropane	9.228	63	172060	101.052	ug/l	98
46) Dibromomethane	9.313	93	96154	100.003	ug/l	99
47) Bromodichloromethane	9.508	83	251362	100.124	ug/l	99
48) Methyl methacrylate	9.301	41	105254	106.361	ug/l #	88
49) 1,4-Dioxane	9.313	88	19009	2147.249	ug/l #	90
51) 4-Methyl-2-Pentanone	10.081	43	486827	520.033	ug/l	96
52) Toluene	10.252	92	454028	104.167	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	239020	106.331	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	275686	103.504	ug/l #	92
55) 1,1,2-Trichloroethane	10.654	97	129501	97.501	ug/l	99
56) Ethyl methacrylate	10.520	69	118777	109.895	ug/l #	88
57) 1,3-Dichloropropane	10.801	76	220031	100.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	382628	492.312	ug/l	96
59) 2-Hexanone	10.843	43	336269	493.030	ug/l	96
60) Dibromochloromethane	10.996	129	166244	103.087	ug/l	99
61) 1,2-Dibromoethane	11.099	107	119837	100.179	ug/l	97
64) Tetrachloroethene	10.734	164	168547	102.320	ug/l	95
65) Chlorobenzene	11.526	112	481379	101.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	191839	104.705	ug/l	98
67) Ethyl Benzene	11.605	91	914631	108.255	ug/l	98
68) m/p-Xylenes	11.715	106	696796	217.571	ug/l	100
69) o-Xylene	12.038	106	318595	108.897	ug/l	99
70) Styrene	12.057	104	464229	109.891	ug/l	99
71) Bromoform	12.221	173	97874	103.139	ug/l #	99
73) Isopropylbenzene	12.343	105	849157	108.965	ug/l	100
74) N-amyl acetate	12.154	43	152560	108.190	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	143410	98.901	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	94070m	96.017	ug/l	
77) Bromobenzene	12.617	156	195862	104.237	ug/l	97
78) n-propylbenzene	12.685	91	993567	107.543	ug/l	99
79) 2-Chlorotoluene	12.770	91	518178	104.708	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	664340	108.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	44847	105.026	ug/l	89
82) 4-Chlorotoluene	12.867	91	535685	104.681	ug/l	98
83) tert-Butylbenzene	13.087	119	600209	109.228	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	671523	109.704	ug/l	99
85) sec-Butylbenzene	13.264	105	856915	108.137	ug/l	99
86) p-Isopropyltoluene	13.379	119	780165	112.609	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	394056	105.978	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	361481	101.477	ug/l	99
89) n-Butylbenzene	13.709	91	688385	108.695	ug/l	98
90) Hexachloroethane	13.971	117	143637	104.030	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	314098	102.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	18032	94.844	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	193615	106.032	ug/l	98
94) Hexachlorobutadiene	15.123	225	118298	102.503	ug/l	99
95) Naphthalene	15.251	128	316840	108.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	160825	104.132	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 2023
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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Manual Integrations

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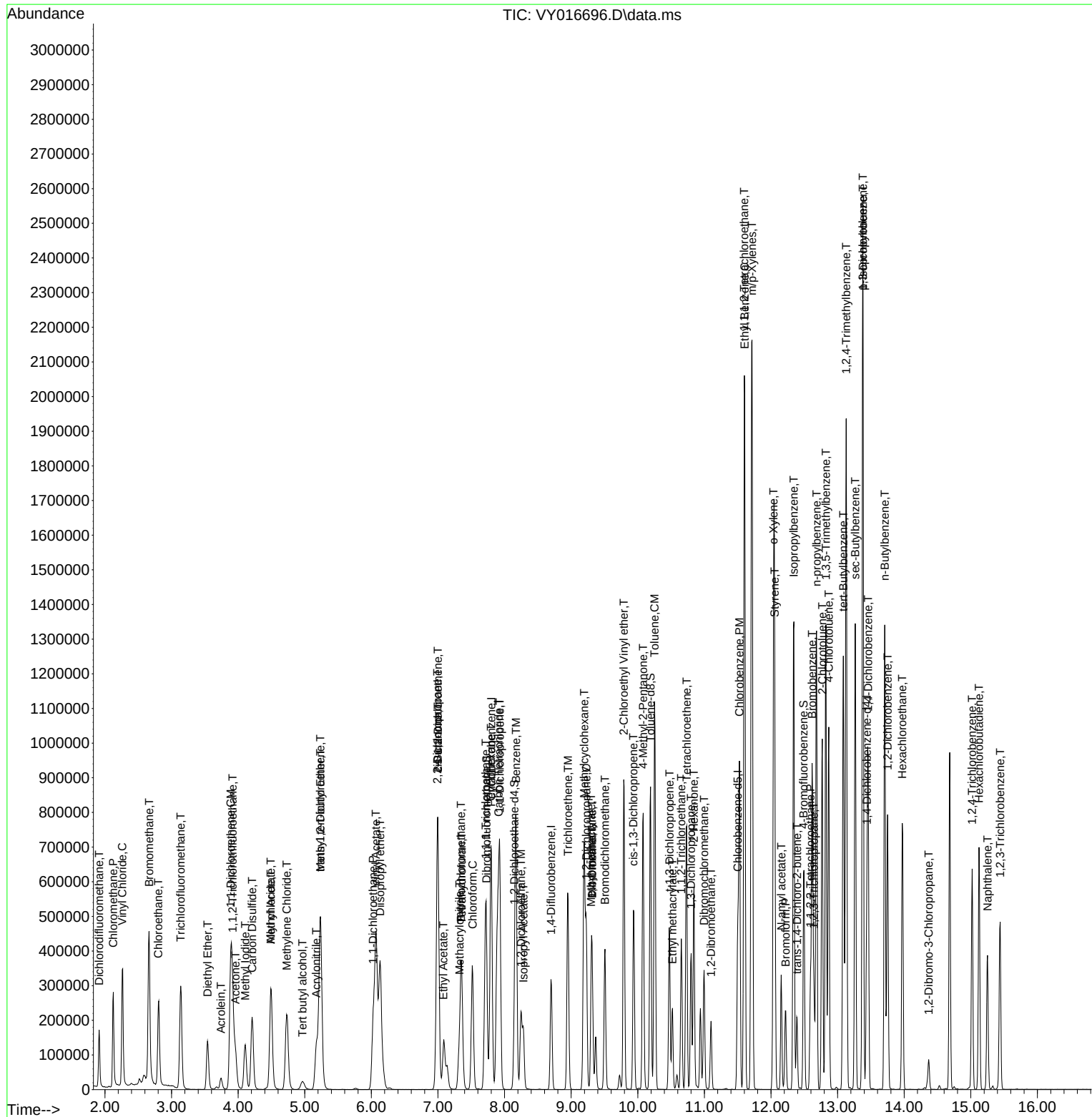
Quant Time: Dec 20 05:31:53 2023

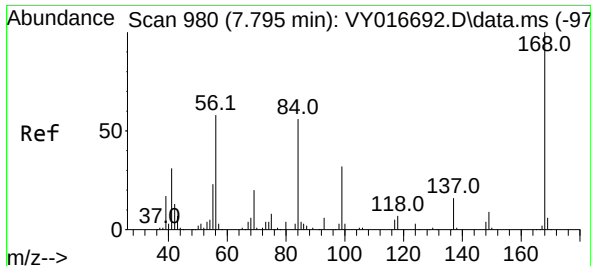
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Quant Title : SW846 8260

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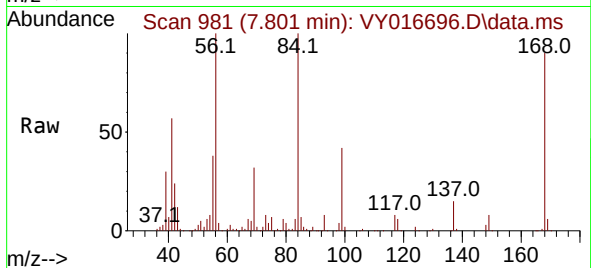
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
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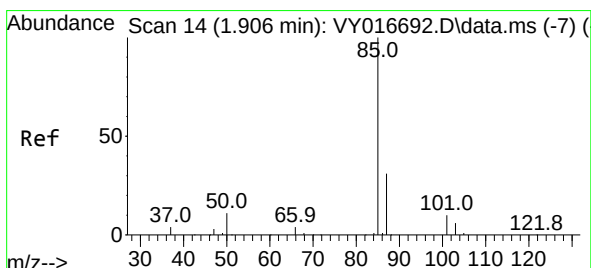
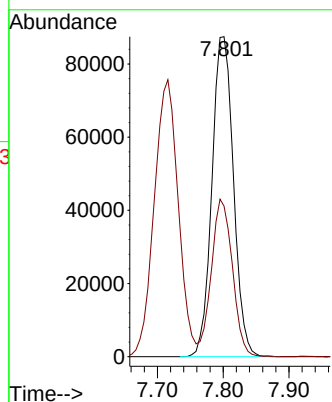
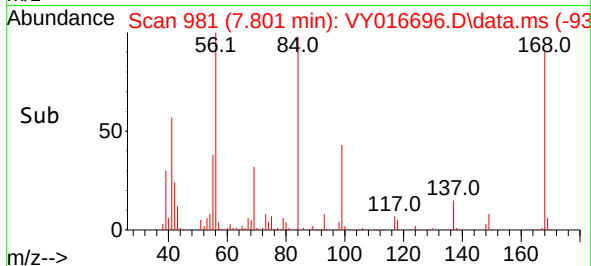
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 199188
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4

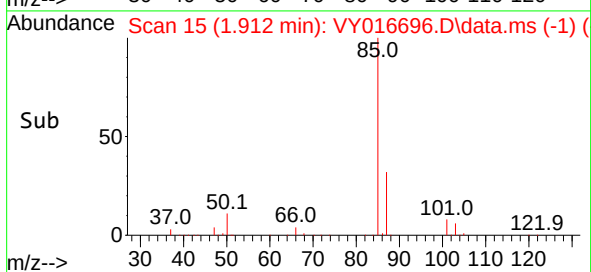
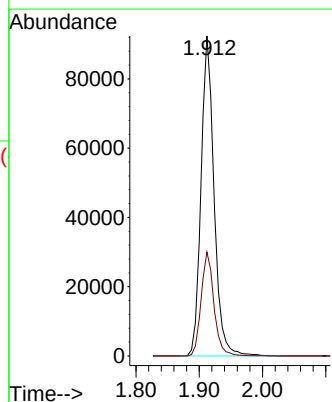
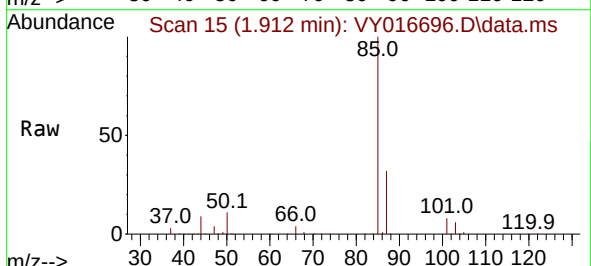
Manual Integrations
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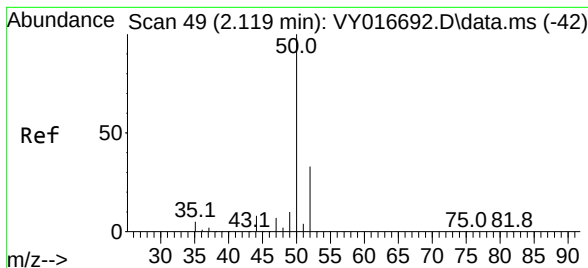
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#2
Dichlorodifluoromethane
Concen: 98.382 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 85 Resp: 132582
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





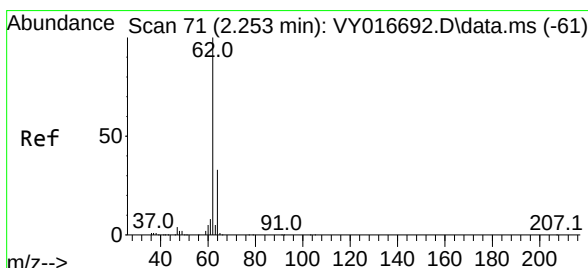
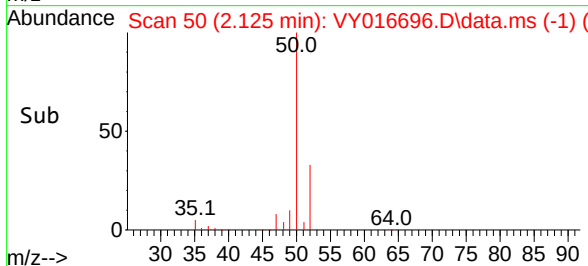
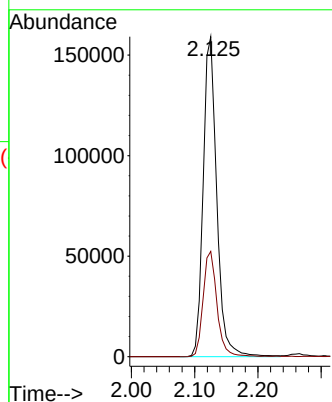
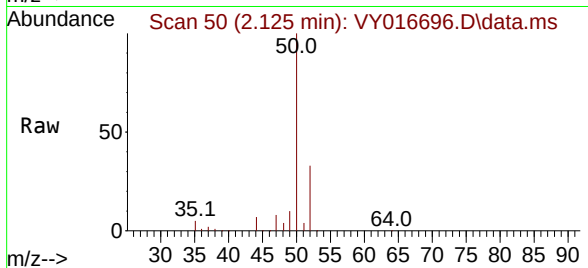
#3
Chloromethane
Concen: 100.601 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 50 Resp: 238178
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

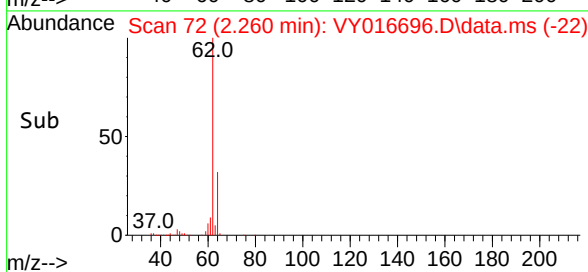
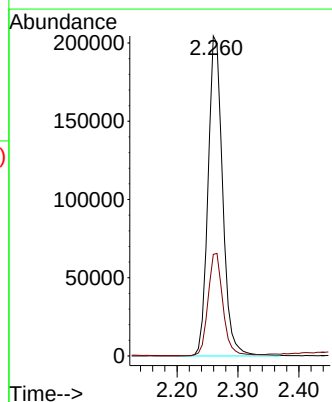
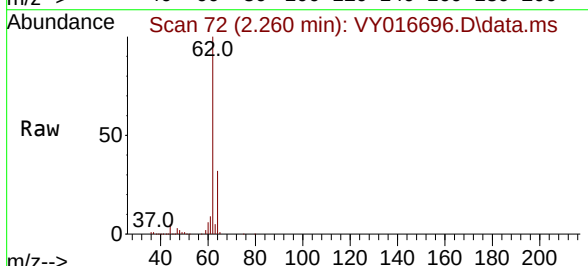
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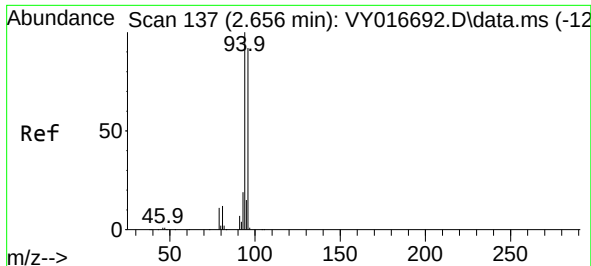
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#4
Vinyl Chloride
Concen: 88.449 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

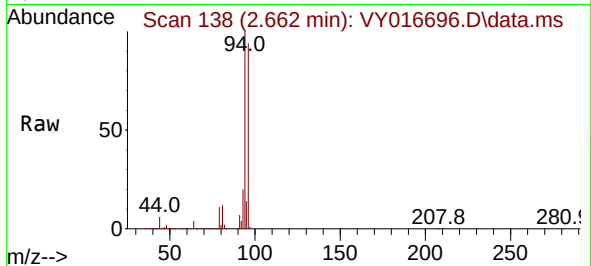
Tgt Ion: 62 Resp: 340264
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





#5
Bromomethane
Concen: 94.928 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY016696.D
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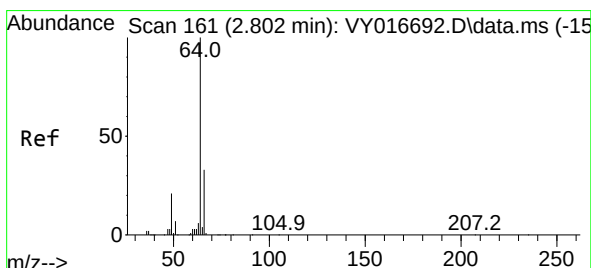
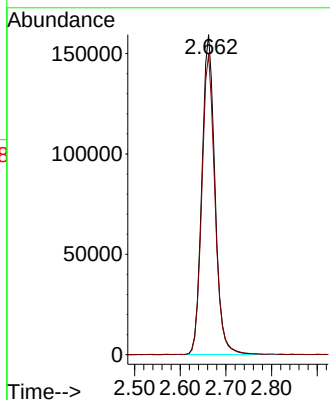
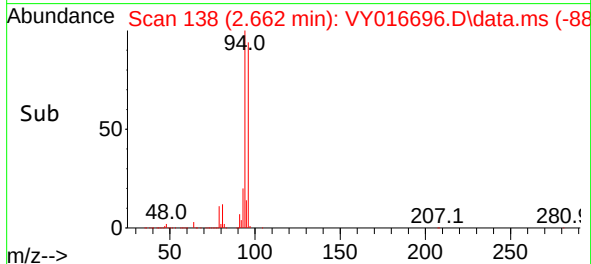
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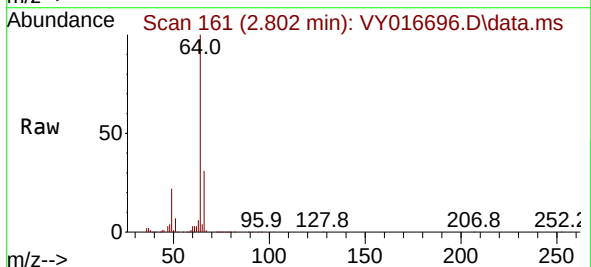
Tgt Ion: 94 Resp: 31685
Ion Ratio Lower Upper
94 100
96 93.8 74.0 111.0

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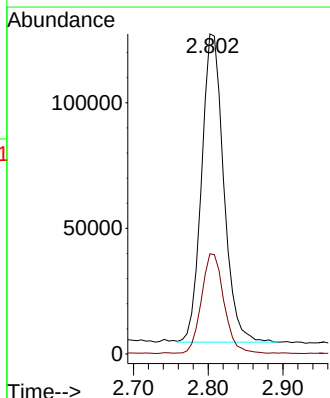
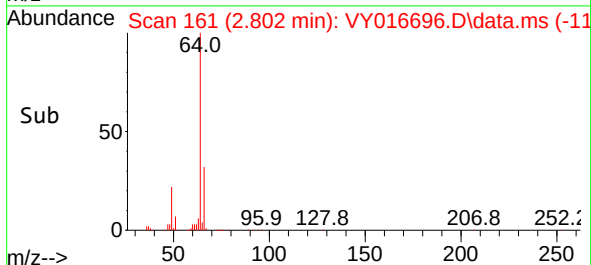
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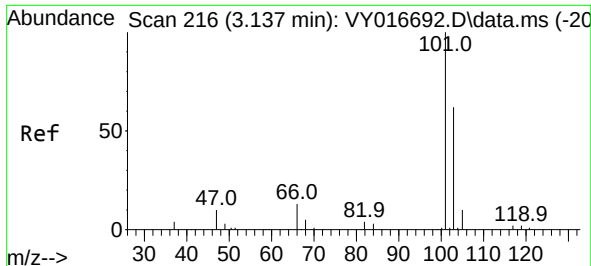


#6
Chloroethane
Concen: 87.340 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



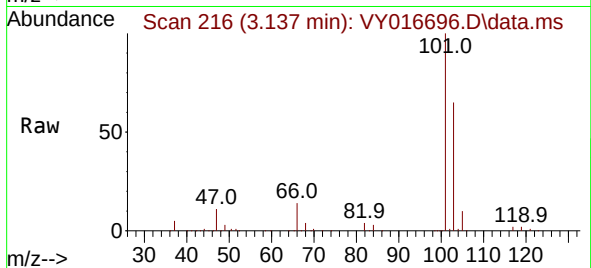
Tgt Ion: 64 Resp: 251496
Ion Ratio Lower Upper
64 100
66 32.2 24.0 36.0





#7
Trichlorofluoromethane
Concen: 92.094 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

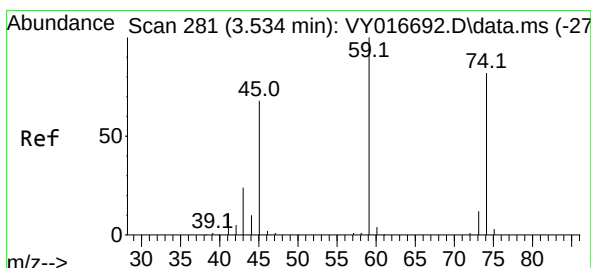
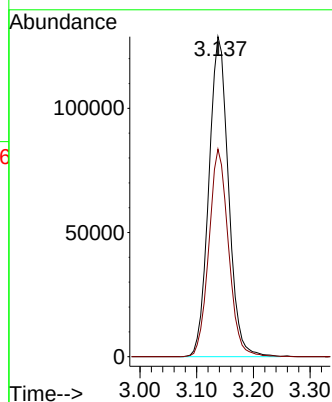
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 310528
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

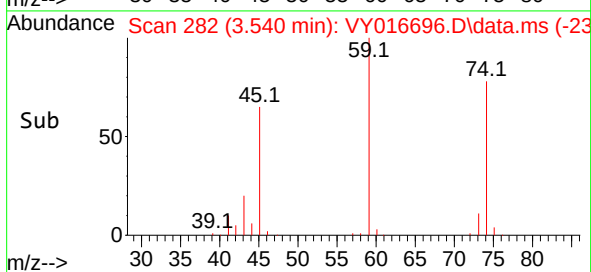
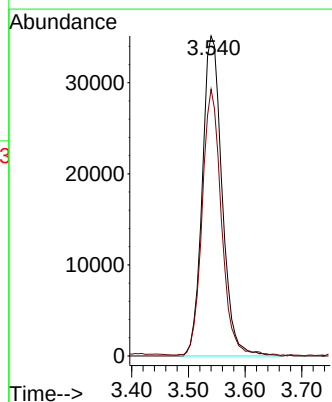
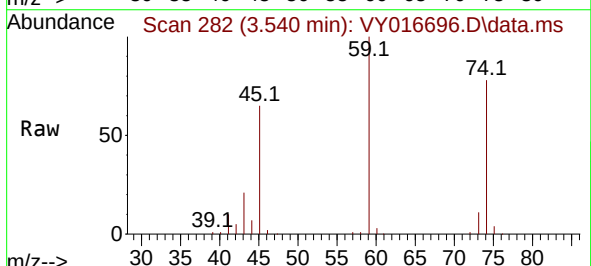
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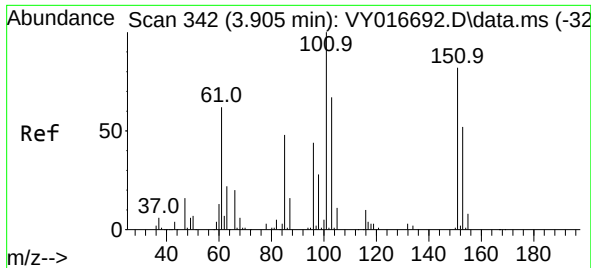
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#8
Diethyl Ether
Concen: 94.144 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 74 Resp: 84974
Ion Ratio Lower Upper
74 100
45 82.0 44.3 132.9





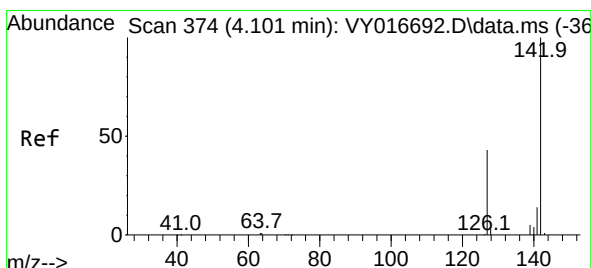
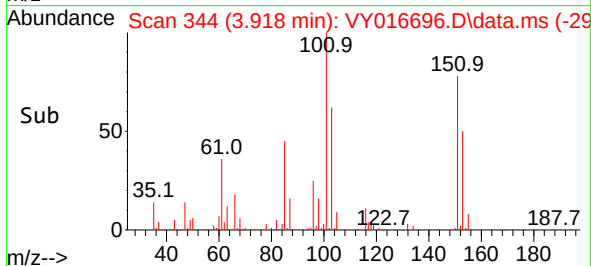
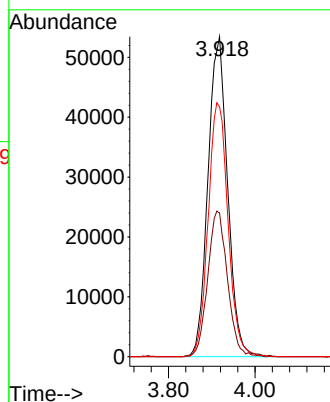
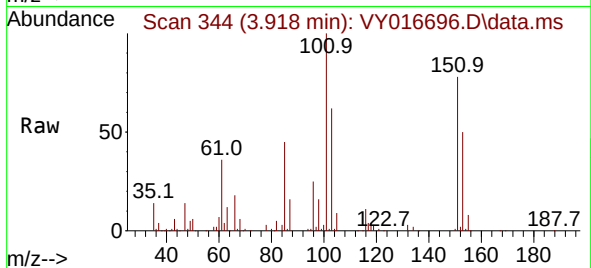
#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.073 ug/l
RT: 3.918 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 168430
Ion Ratio Lower Upper
101 100
85 45.8 35.0 52.4
151 80.4 61.0 91.4

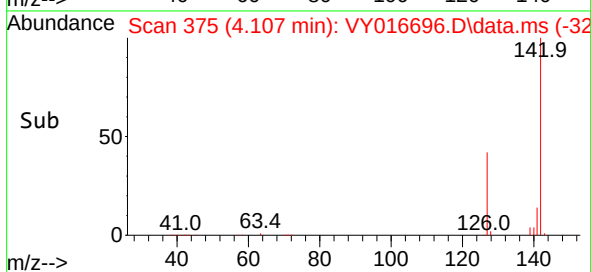
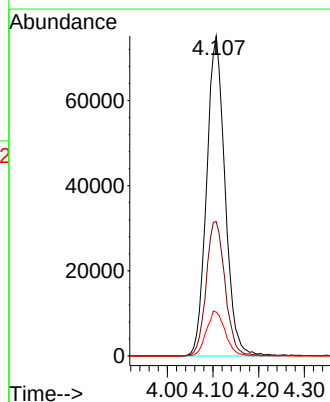
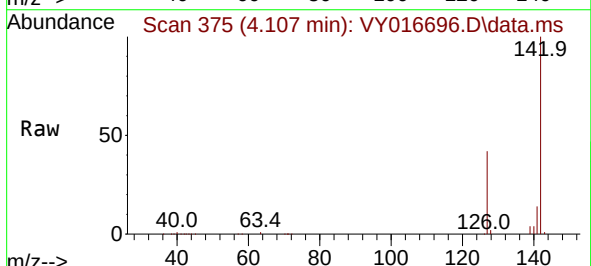
Manual Integrations
APPROVED

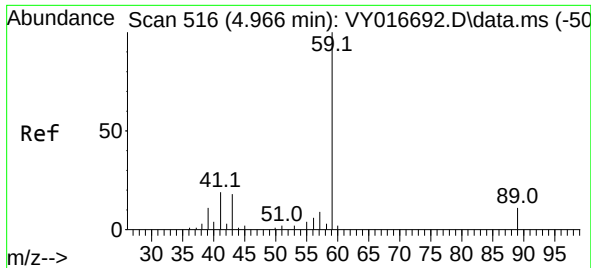
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#10
Methyl Iodide
Concen: 101.155 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:142 Resp: 210149
Ion Ratio Lower Upper
142 100
127 43.1 33.6 50.4
141 14.3 12.0 18.0





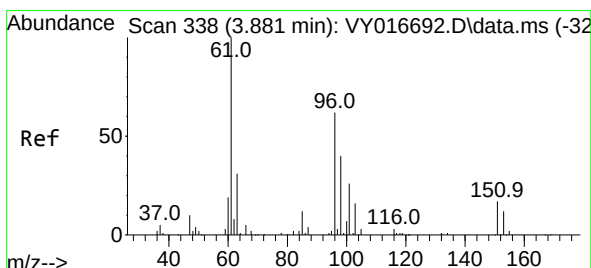
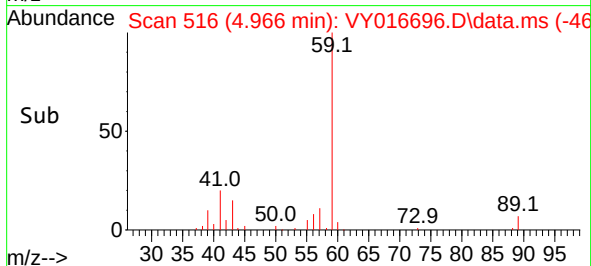
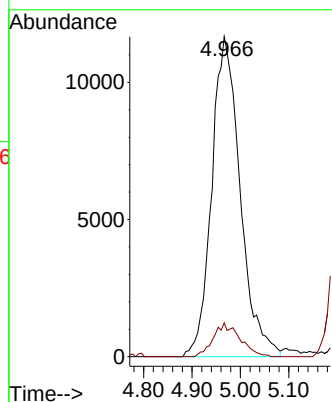
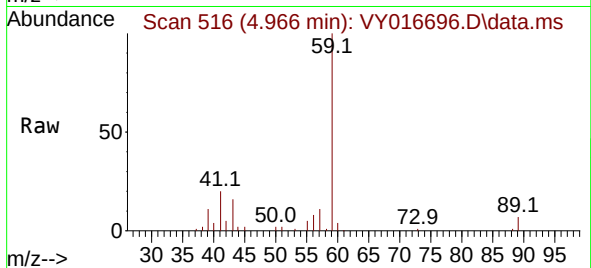
#11
Tert butyl alcohol
Concen: 492.282 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 4764
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

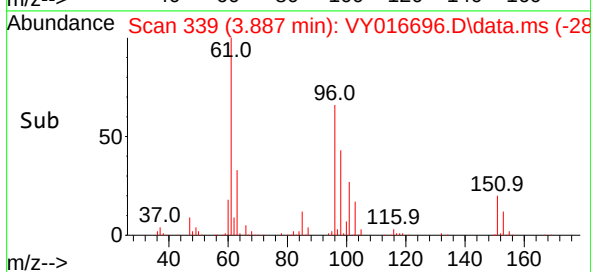
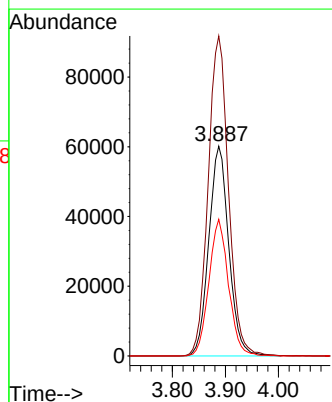
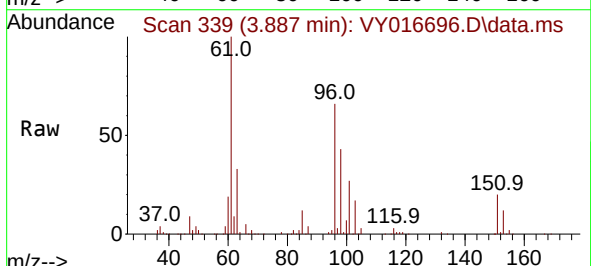
Manual Integrations
APPROVED

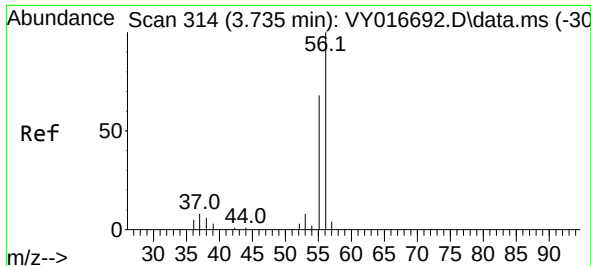
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#12
1,1-Dichloroethene
Concen: 94.922 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 96 Resp: 157495
Ion Ratio Lower Upper
96 100
61 152.6 123.9 185.9
98 65.1 50.1 75.1





#13

Acrolein

Concen: 495.436 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 40754

Ion Ratio Lower Upper

56 100

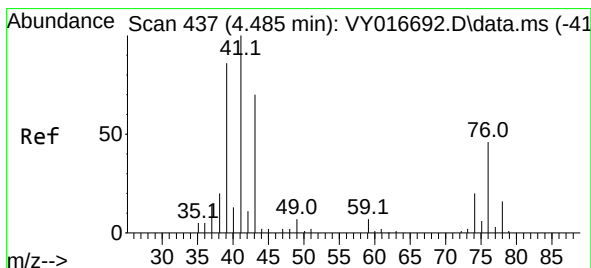
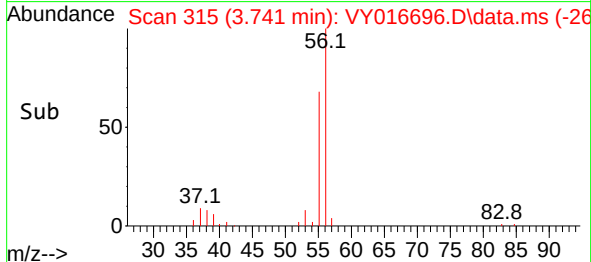
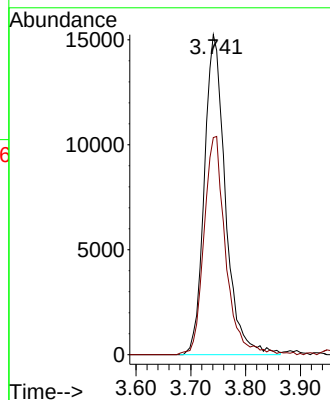
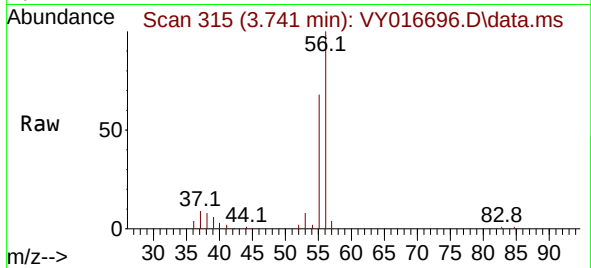
55 70.1 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#14

Allyl chloride

Concen: 95.042 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

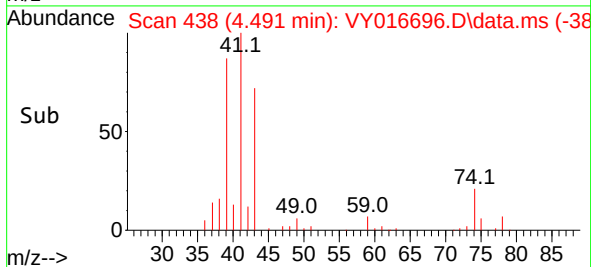
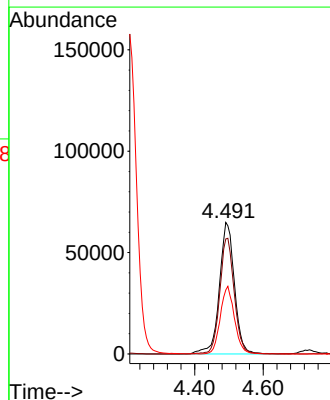
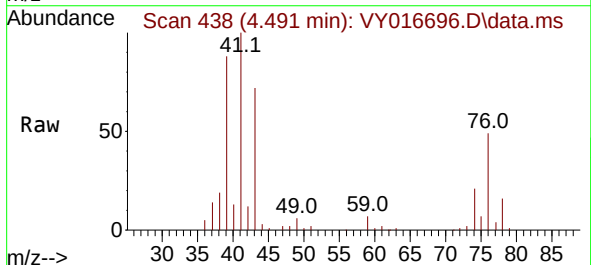
Tgt Ion: 41 Resp: 196902

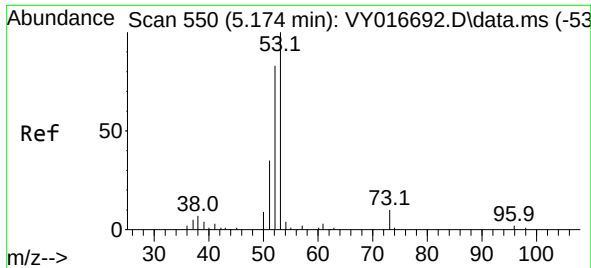
Ion Ratio Lower Upper

41 100

39 84.7 56.4 84.6#

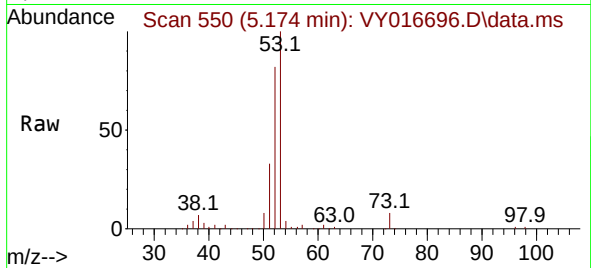
76 48.3 34.3 51.5





#15
Acrylonitrile
Concen: 467.986 ug/l
RT: 5.174 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

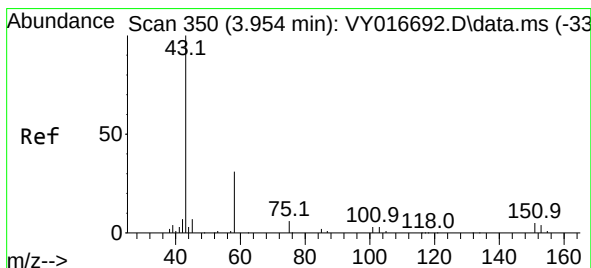
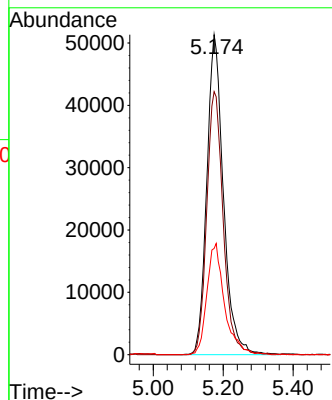
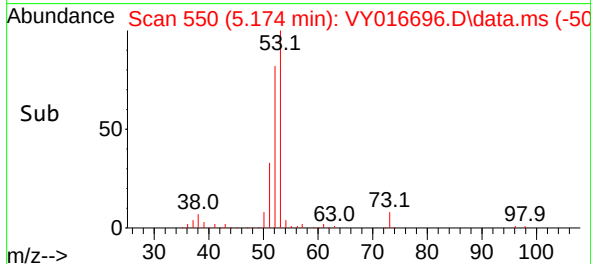
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



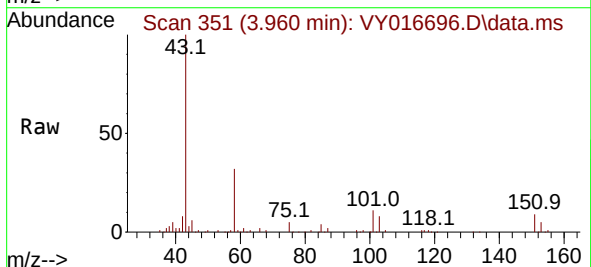
Tgt Ion: 53 Resp: 169110
Ion Ratio Lower Upper
53 100
52 81.4 64.3 96.5
51 36.8 28.3 42.5

Manual Integrations
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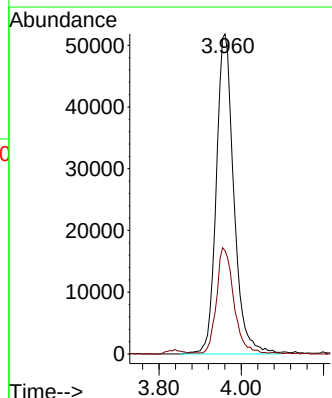
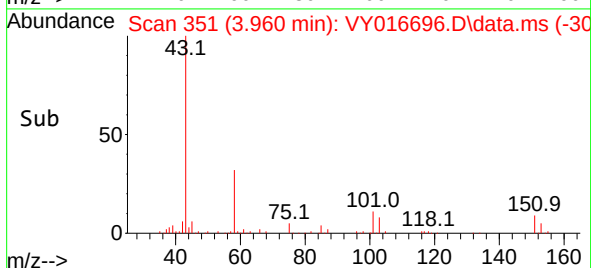
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

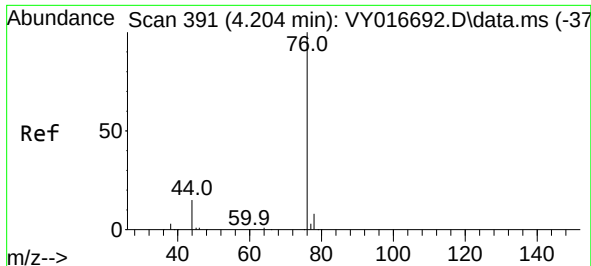


#16
Acetone
Concen: 509.280 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



Tgt Ion: 43 Resp: 153853
Ion Ratio Lower Upper
43 100
58 32.0 29.0 43.4





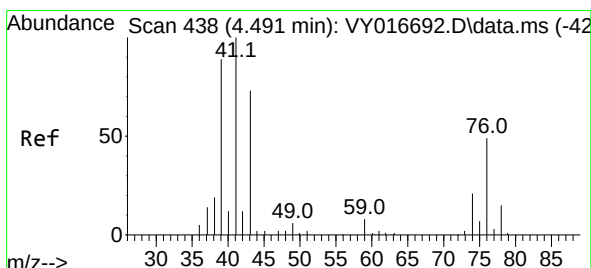
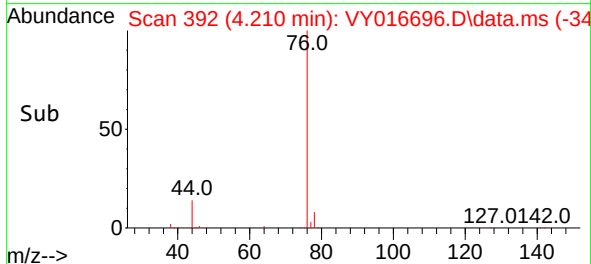
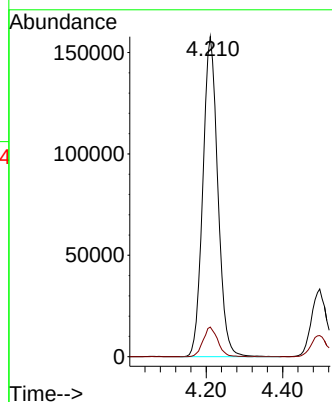
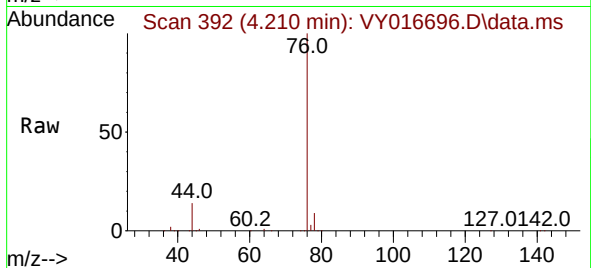
#17
Carbon Disulfide
Concen: 96.601 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 42895
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

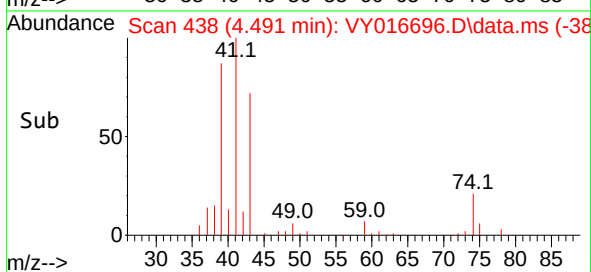
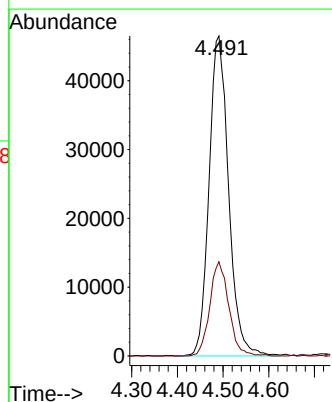
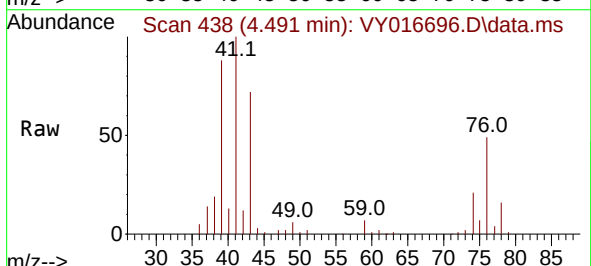
Manual Integrations
APPROVED

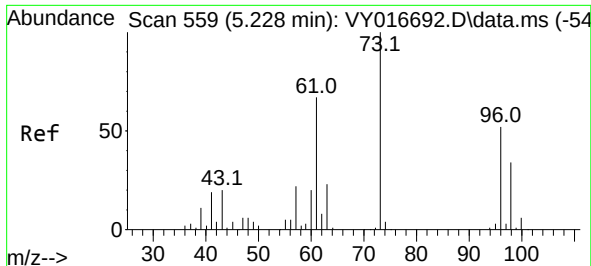
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#18
Methyl Acetate
Concen: 96.841 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

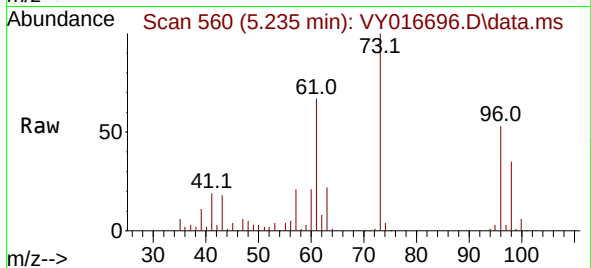
Tgt Ion: 43 Resp: 138247
Ion Ratio Lower Upper
43 100
74 28.6 22.1 33.1





#19
Methyl tert-butyl Ether
Concen: 98.625 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

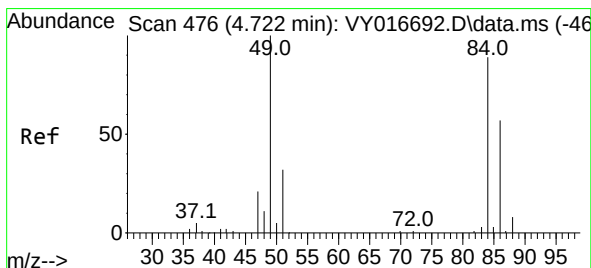
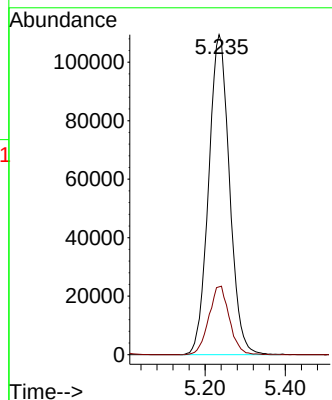
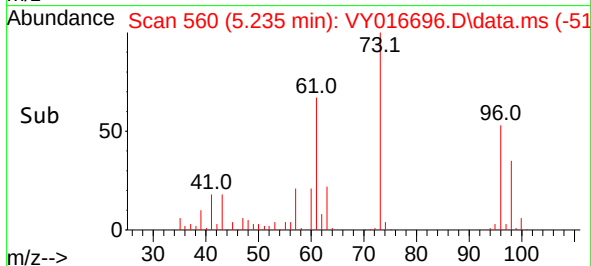
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 395298
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9

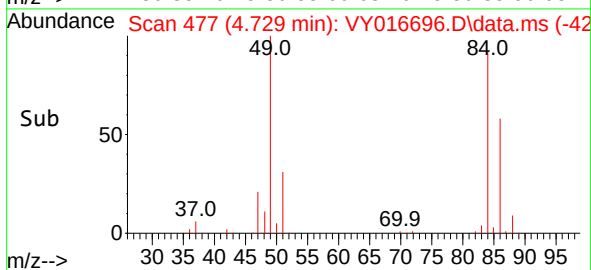
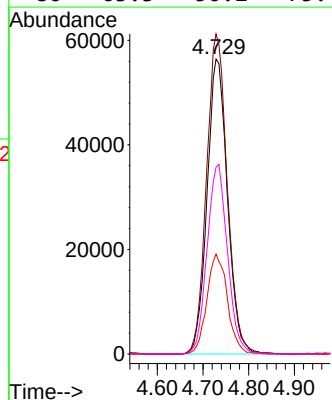
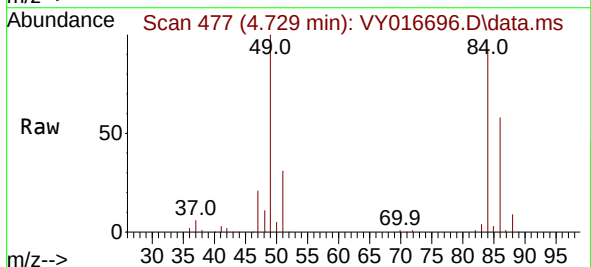
Manual Integrations
APPROVED

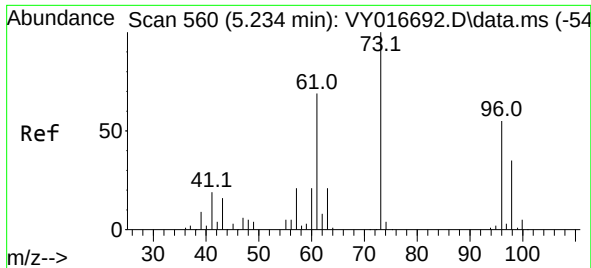
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#20
Methylene Chloride
Concen: 102.855 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

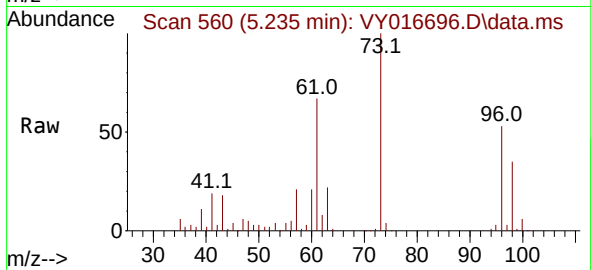
Tgt Ion: 84 Resp: 175015
Ion Ratio Lower Upper
84 100
49 108.5 83.8 125.8
51 33.9 27.2 40.8
86 63.3 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 97.088 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

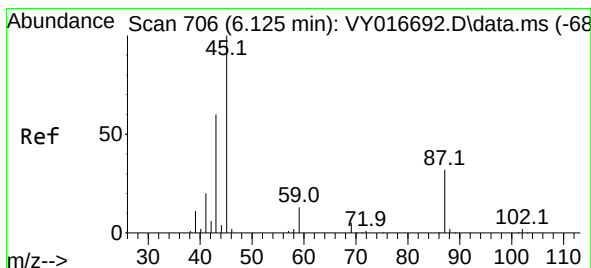
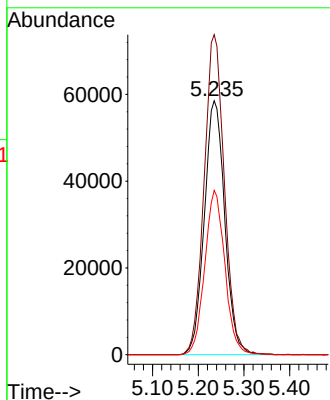
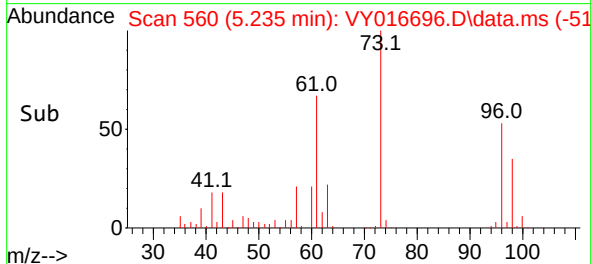
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



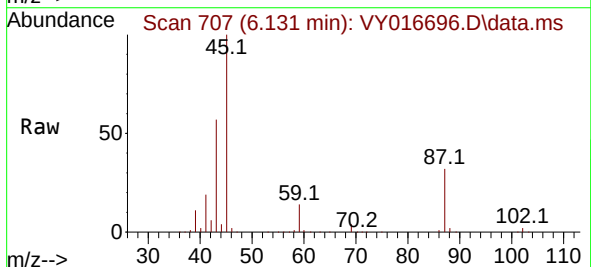
Tgt Ion: 96 Resp: 182180
Ion Ratio Lower Upper
96 100
61 126.0 100.0 150.0
98 64.7 52.2 78.2

Manual Integrations
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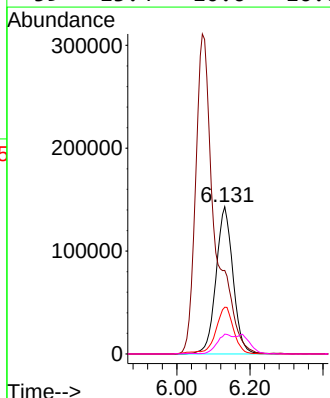
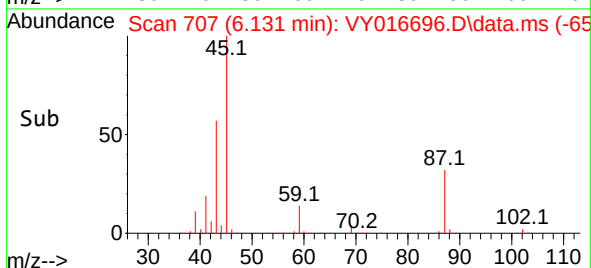
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

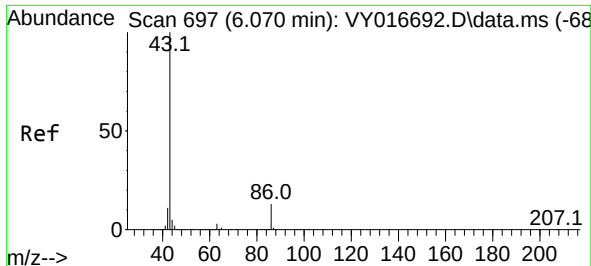


#22
Diisopropyl ether
Concen: 97.393 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



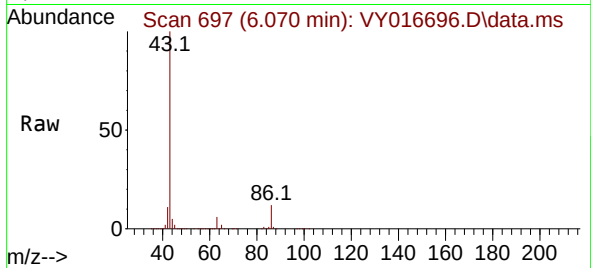
Tgt Ion: 45 Resp: 461824
Ion Ratio Lower Upper
45 100
43 56.6 42.4 63.6
87 31.8 25.0 37.4
59 13.4 10.6 16.0





#23
 Vinyl Acetate
 Concen: 489.188 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016696.D
 Acq: 19 Dec 2023 14:21

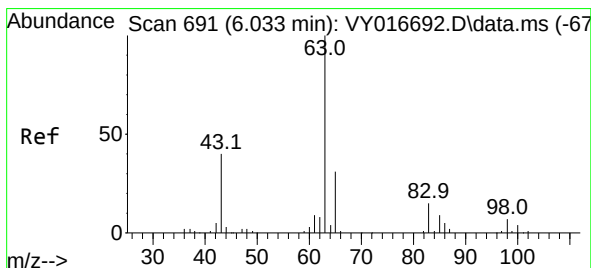
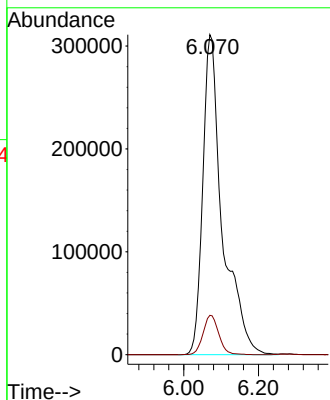
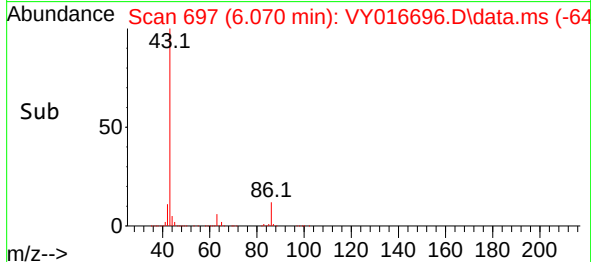
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



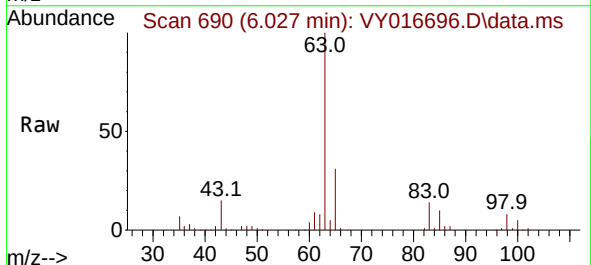
Tgt Ion: 43 Resp: 1134290
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.3 15.5

Manual Integrations
 APPROVED

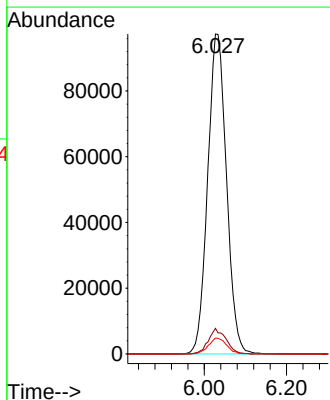
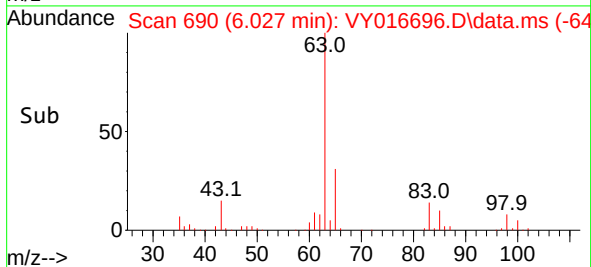
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

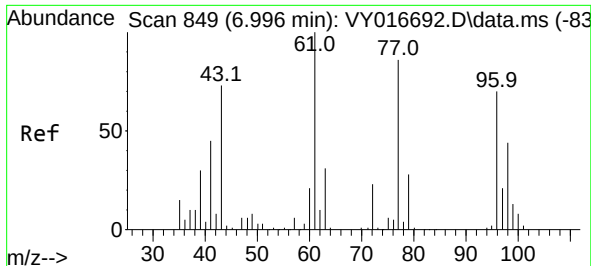


#24
 1,1-Dichloroethane
 Concen: 94.606 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016696.D
 Acq: 19 Dec 2023 14:21



Tgt Ion: 63 Resp: 308938
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 5.0 2.5 7.5





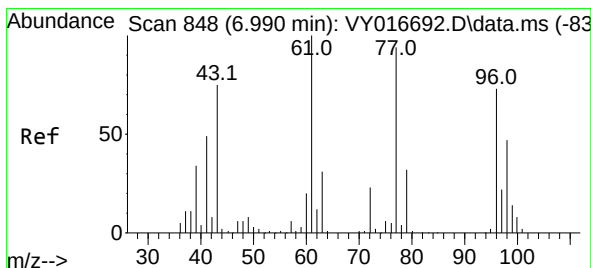
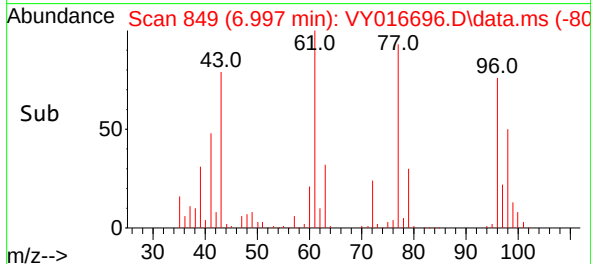
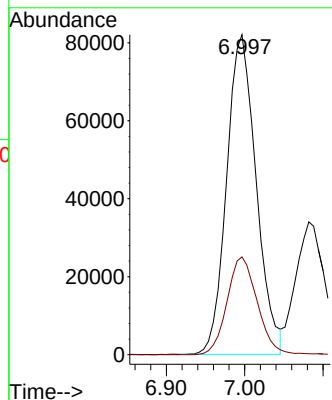
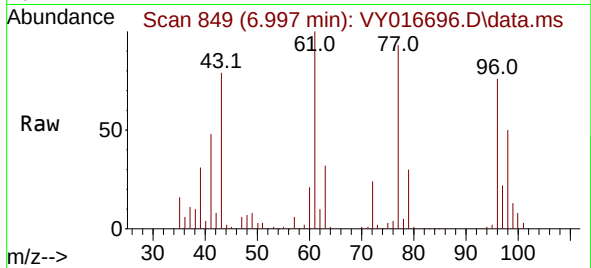
#25
2-Butanone
Concen: 503.805 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 21514
Ion Ratio Lower Upper
43 100
72 30.6 26.3 39.5

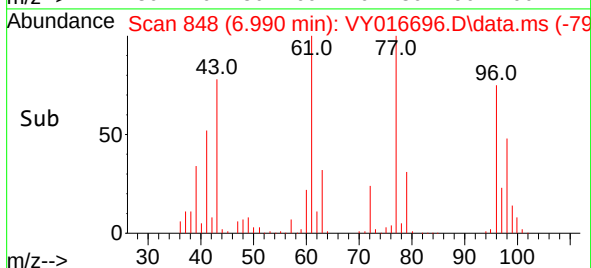
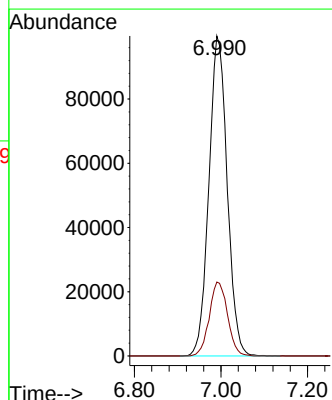
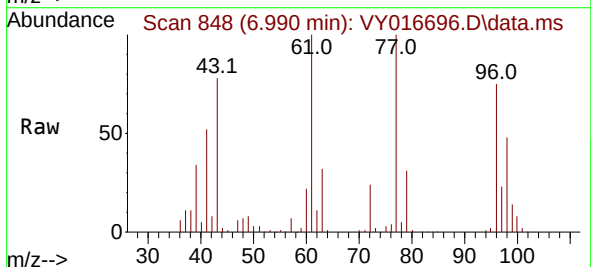
Manual Integrations
APPROVED

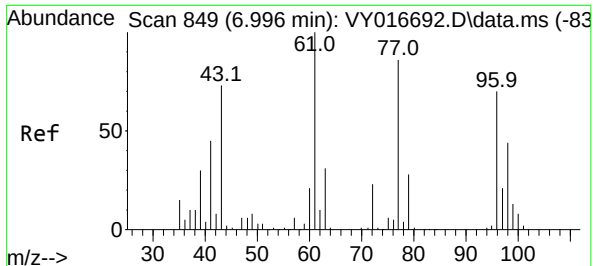
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#26
2,2-Dichloropropane
Concen: 98.555 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 77 Resp: 292276
Ion Ratio Lower Upper
77 100
97 23.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 97.975 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 207798

Ion Ratio Lower Upper

96 100

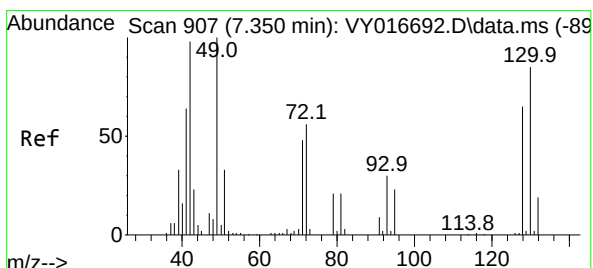
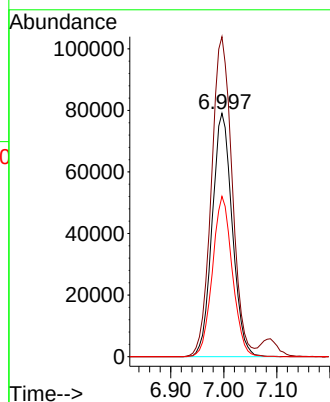
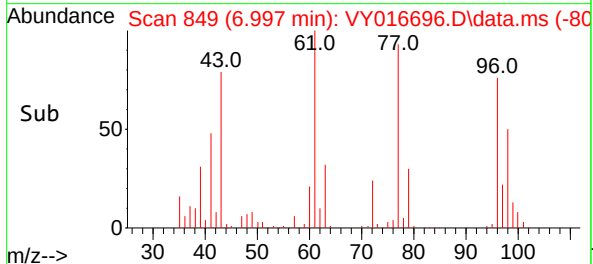
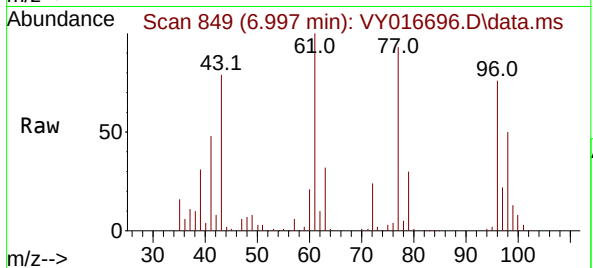
61 135.9 0.0 255.8

98 65.3 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#28

Bromochloromethane

Concen: 101.282 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

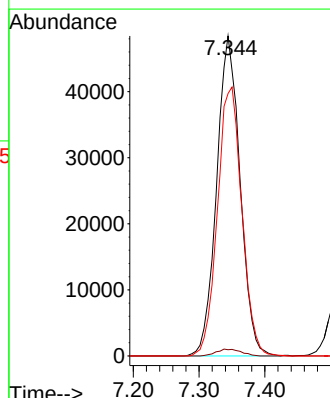
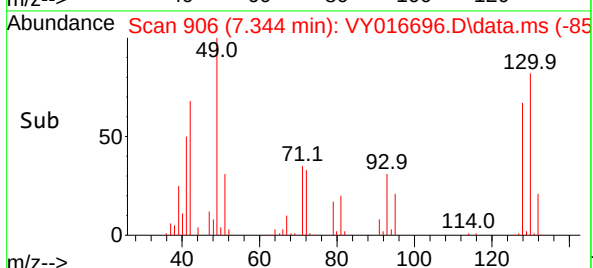
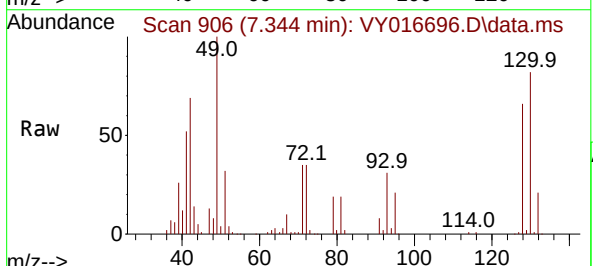
Tgt Ion: 49 Resp: 120100

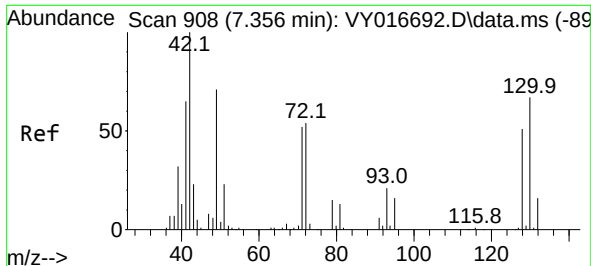
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 87.5 75.9 113.9





#29

Tetrahydrofuran

Concen: 475.389 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 126800

Ion Ratio Lower Upper

42 100

72 51.4 40.3 60.5

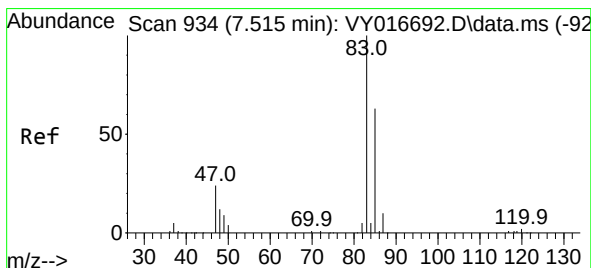
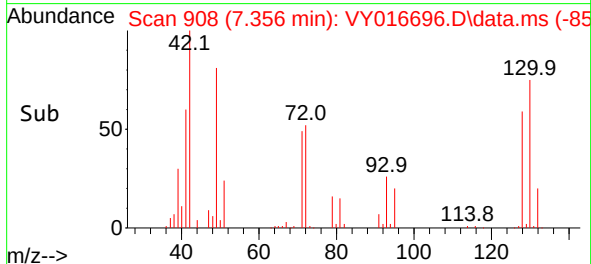
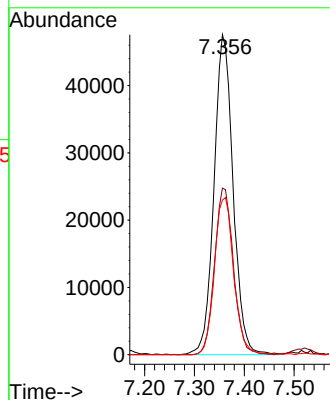
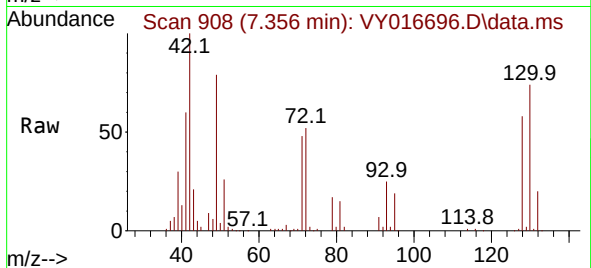
71 49.5 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#30

Chloroform

Concen: 94.043 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016696.D

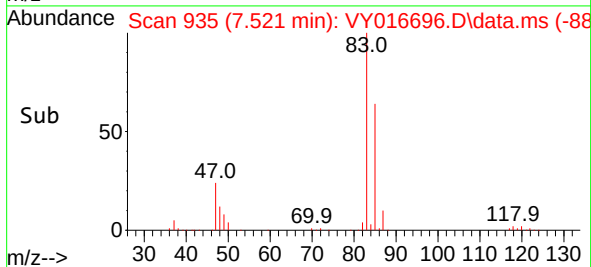
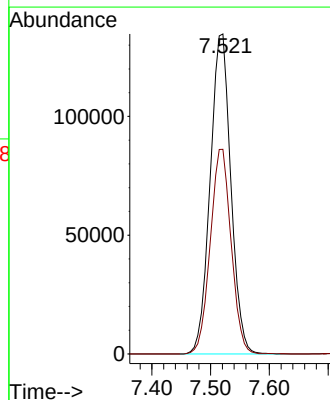
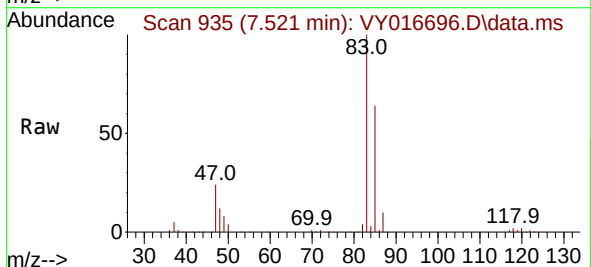
Acq: 19 Dec 2023 14:21

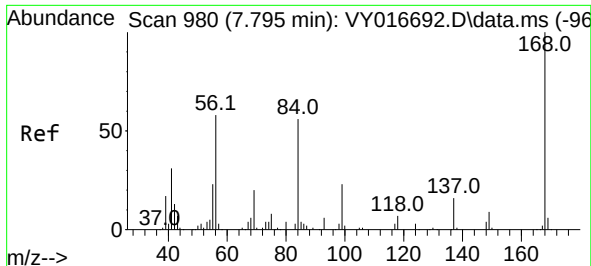
Tgt Ion: 83 Resp: 329483

Ion Ratio Lower Upper

83 100

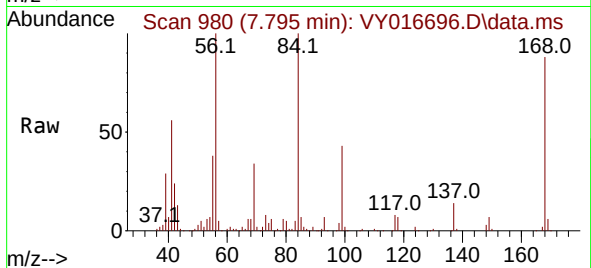
85 63.9 52.6 78.8





#31
Cyclohexane
Concen: 90.898 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

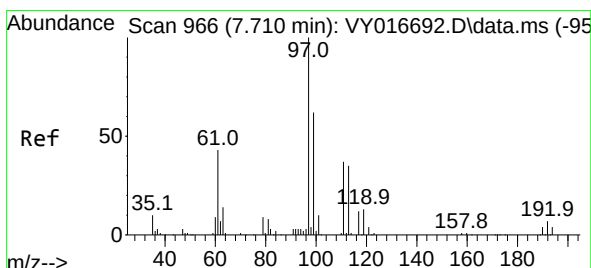
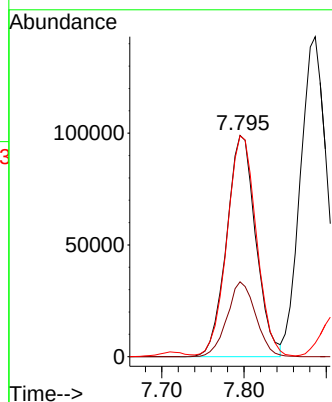
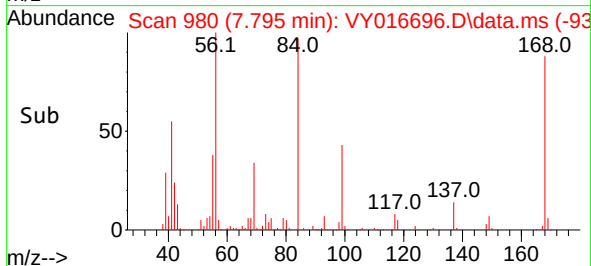
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



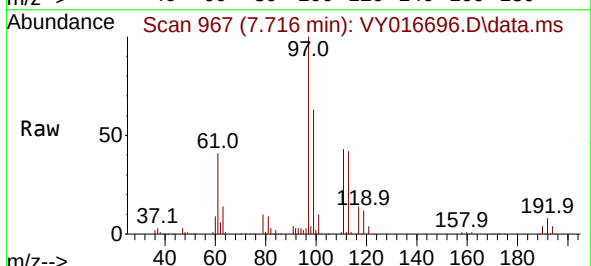
Tgt Ion: 56 Resp: 24512
Ion Ratio Lower Upper
56 100
69 33.8 27.5 41.3
84 98.0 78.1 117.1

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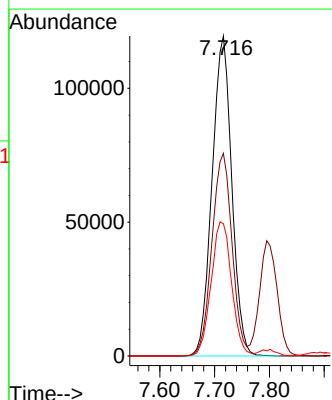
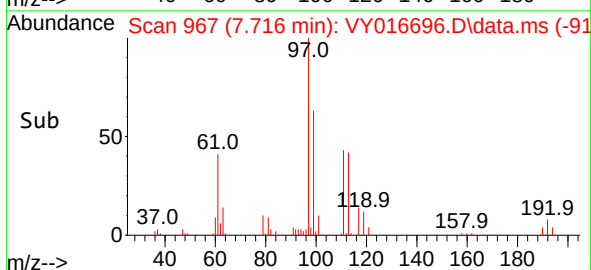
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

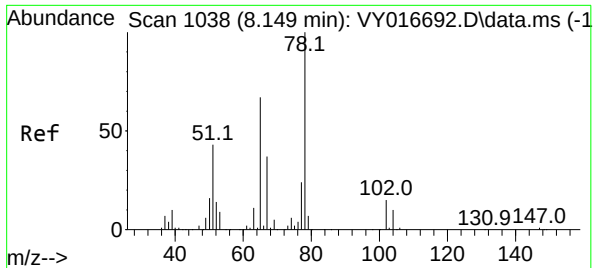


#32
1,1,1-Trichloroethane
Concen: 95.836 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



Tgt Ion: 97 Resp: 298142
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 43.6 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 87.123 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 143540

Ion Ratio Lower Upper

65 100

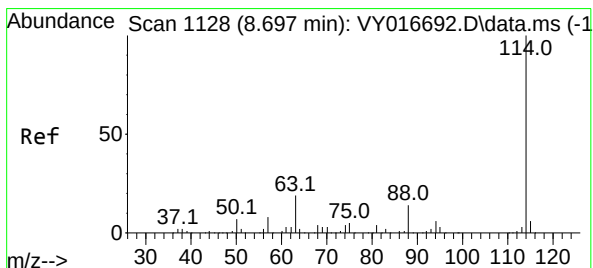
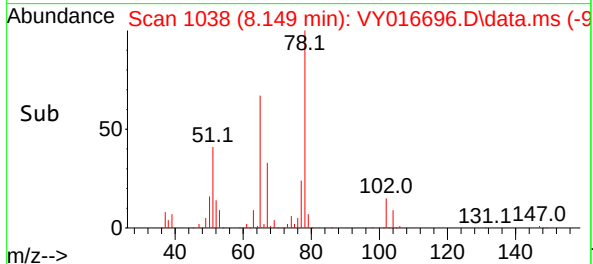
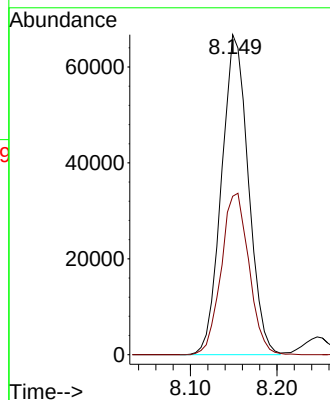
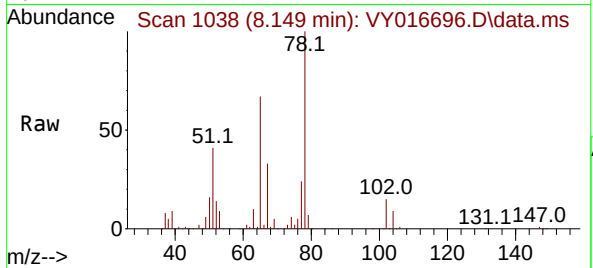
67 52.2 0.0 108.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

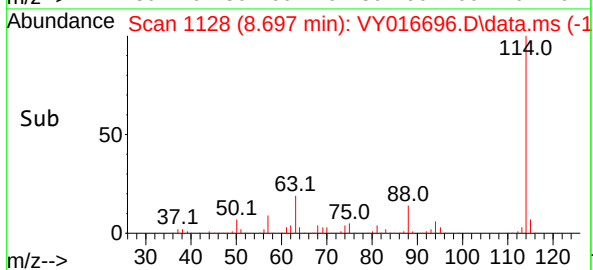
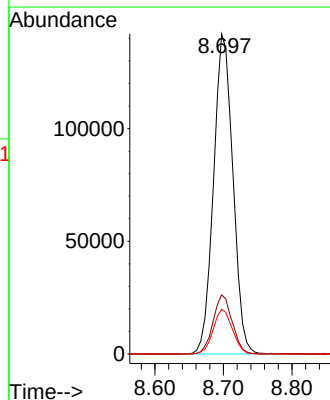
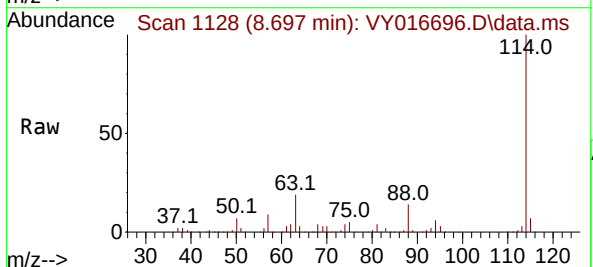
Tgt Ion:114 Resp: 278307

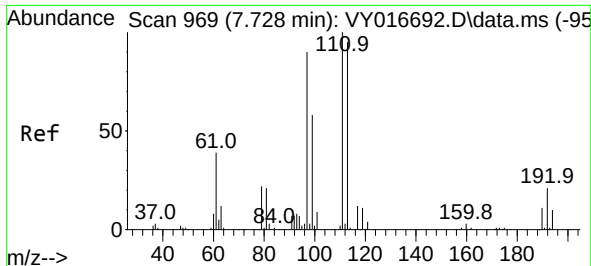
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

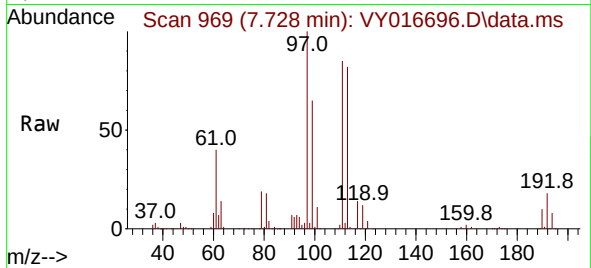
88 13.9 0.0 29.2





#35
Dibromofluoromethane
Concen: 93.692 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

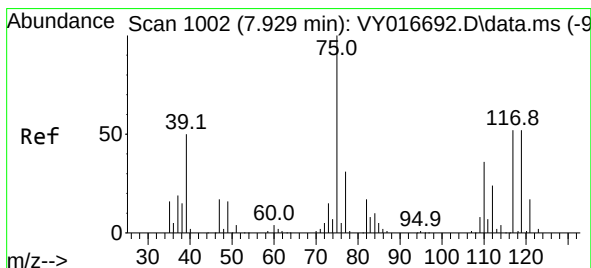
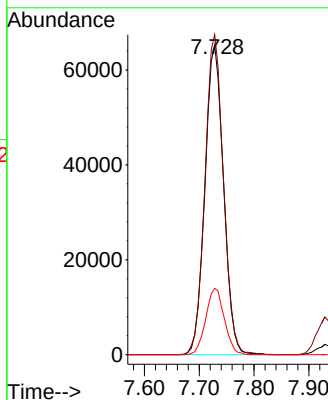
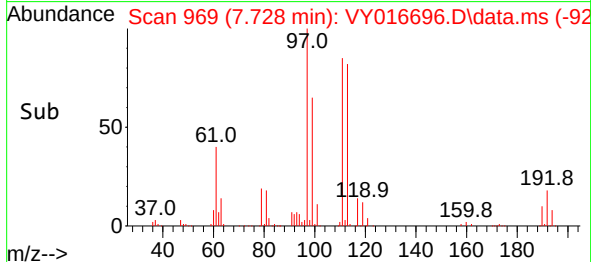
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



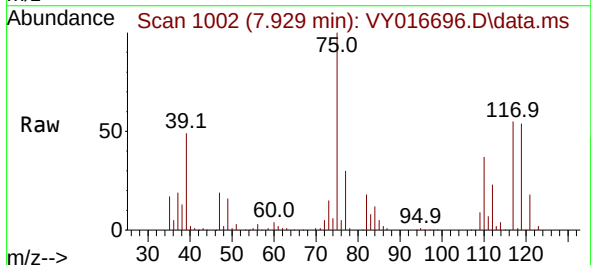
Tgt Ion:113 Resp: 15357
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 21.3 16.2 24.4

Manual Integrations
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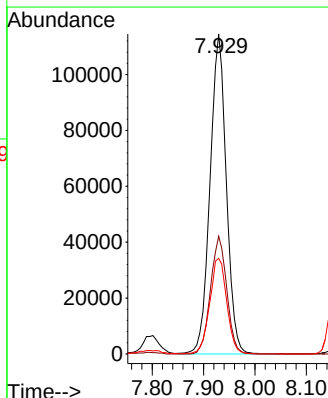
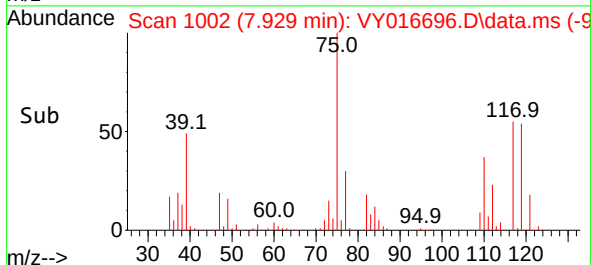
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

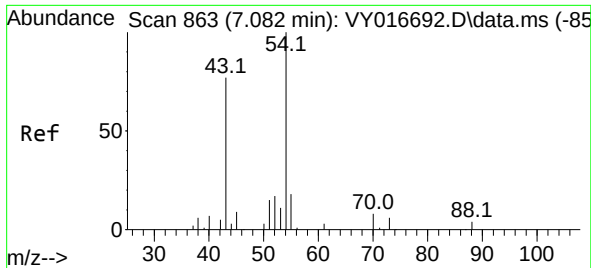


#36
1,1-Dichloropropene
Concen: 101.626 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



Tgt Ion: 75 Resp: 251974
Ion Ratio Lower Upper
75 100
110 36.6 18.9 56.9
77 31.2 25.3 37.9





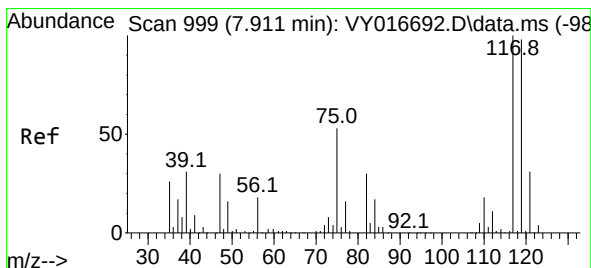
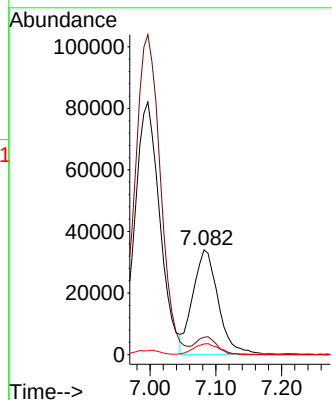
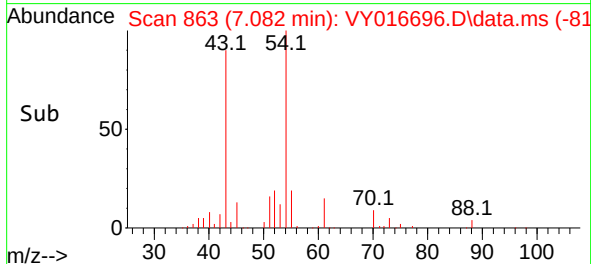
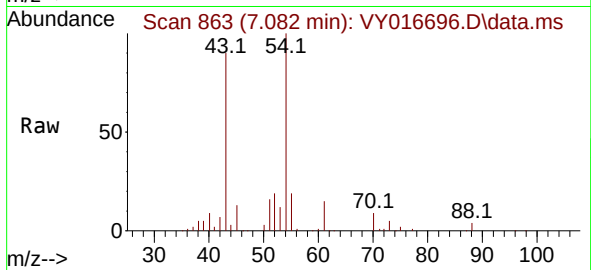
#37
Ethyl Acetate
Concen: 95.090 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 90300
Ion Ratio Lower Upper
43 100
61 15.2 13.0 19.4
70 10.5 9.9 14.9

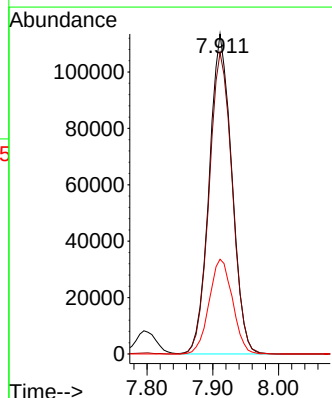
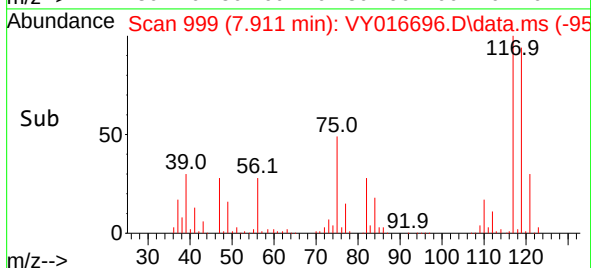
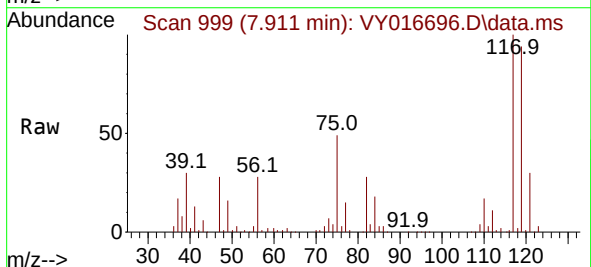
Manual Integrations
APPROVED

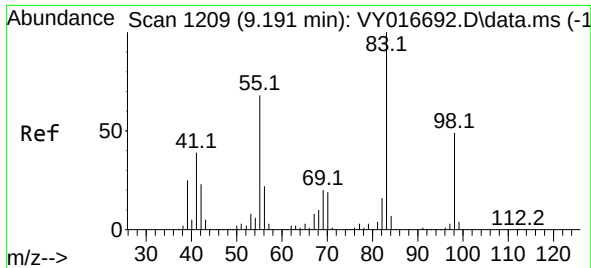
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#38
Carbon Tetrachloride
Concen: 101.632 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:117 Resp: 271892
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.4
121 29.6 24.2 36.4





#39
Methylcyclohexane
Concen: 106.887 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

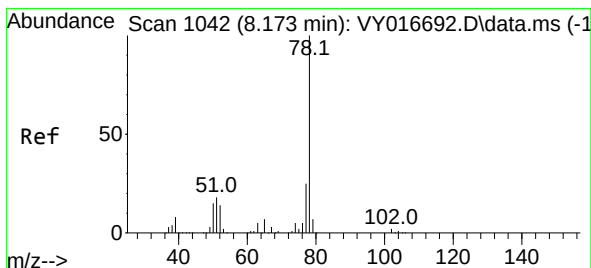
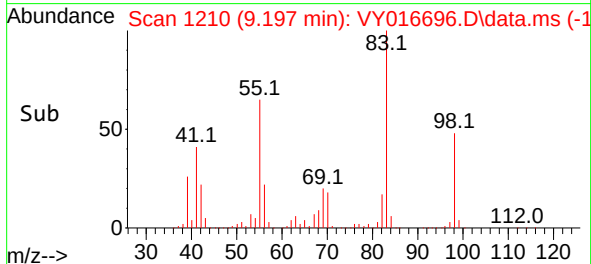
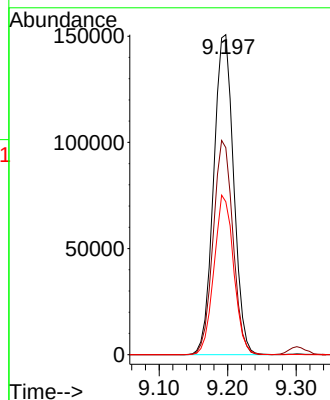
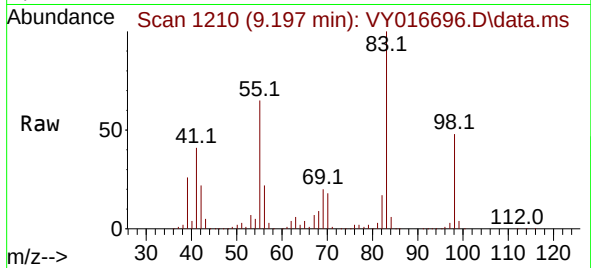
VSTDICC100

Tgt Ion: 83 Resp: 30512
Ion Ratio Lower Upper
83 100
55 64.7 54.6 81.8
98 47.8 40.1 60.1

Manual Integrations

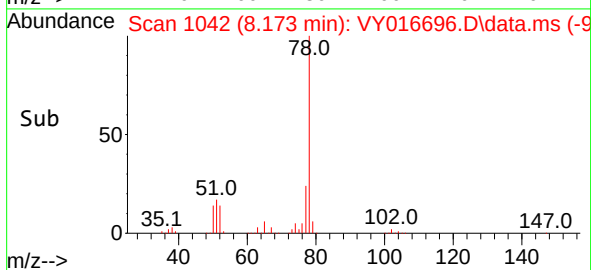
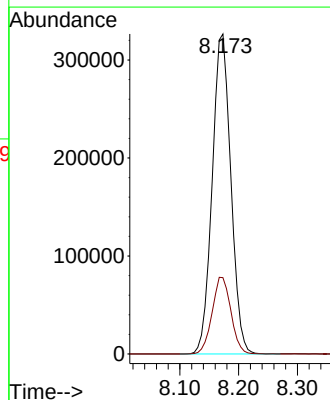
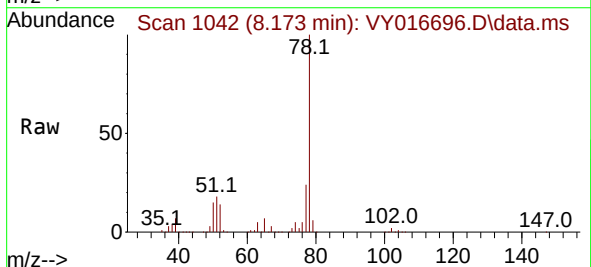
APPROVED

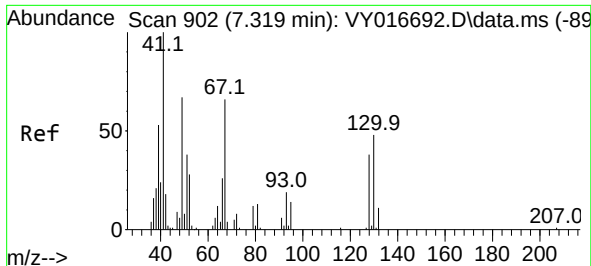
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#40
Benzene
Concen: 101.033 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

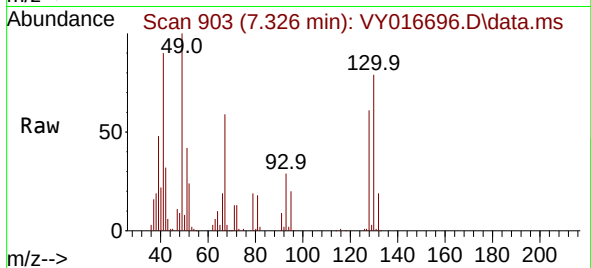
Tgt Ion: 78 Resp: 719728
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 98.111 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

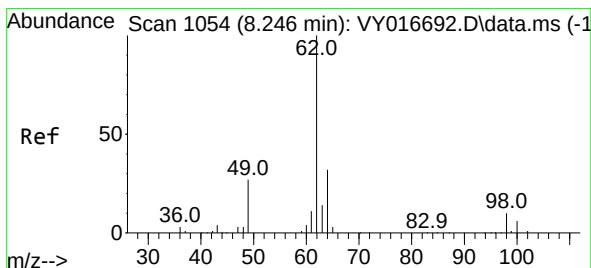
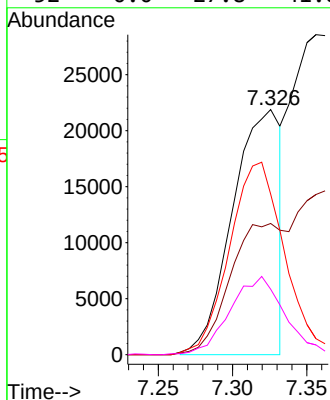
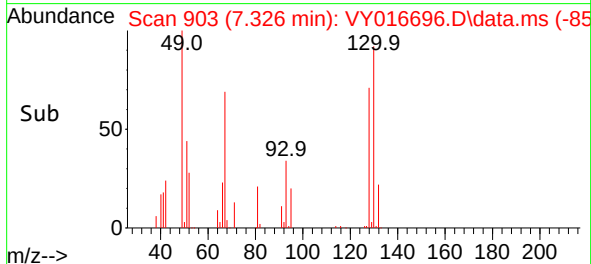
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 4948
Ion Ratio Lower Upper
41 100
39 68.8 47.8 71.6
67 0.0 74.9 112.3
52 0.0 27.8 41.8#

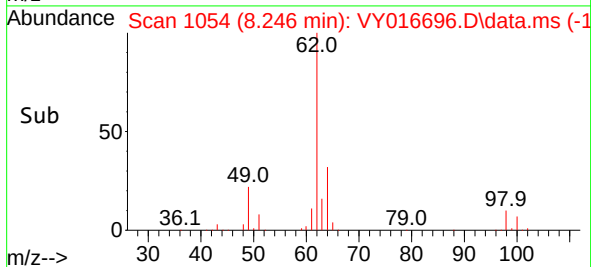
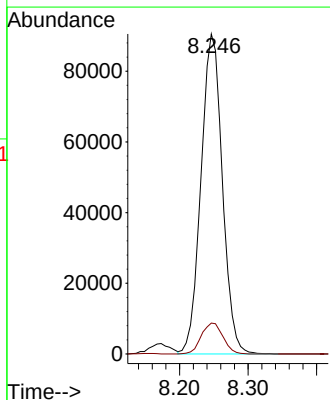
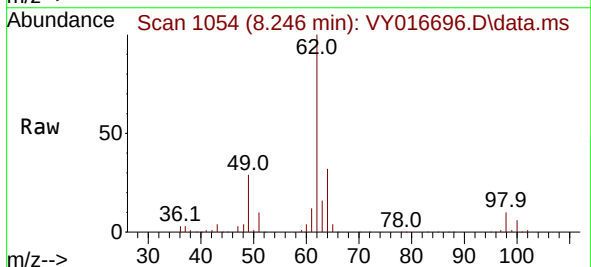
Manual Integrations
APPROVED

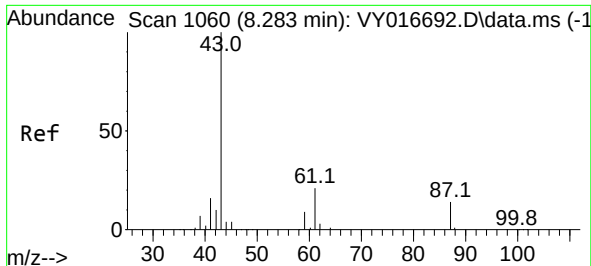
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#42
1,2-Dichloroethane
Concen: 97.670 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 62 Resp: 196883
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.4





#43

Isopropyl Acetate

Concen: 100.947 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

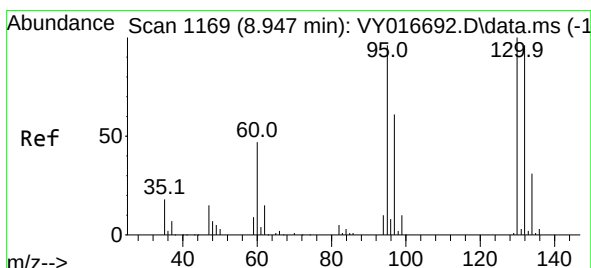
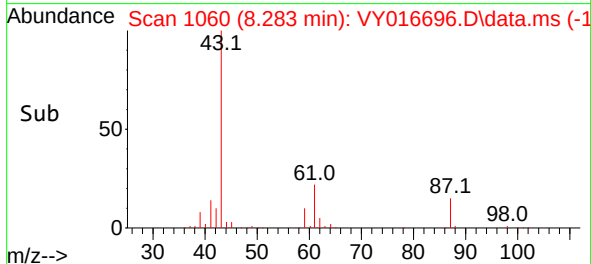
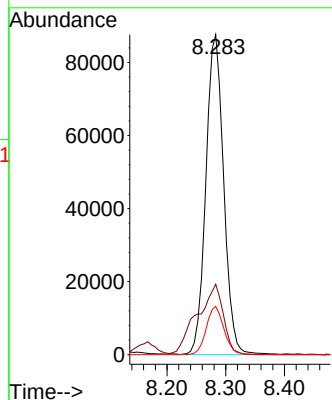
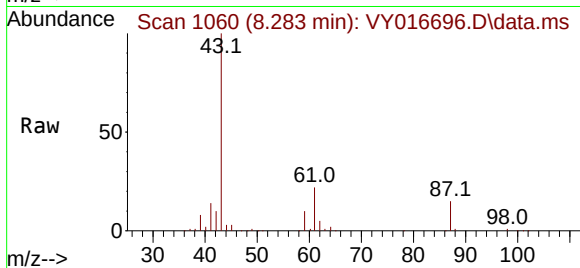
VSTDIC100

Tgt Ion:	43	Resp:	184120
Ion Ratio	Lower	Upper	
43	100		
61	32.5	27.4	41.0
87	15.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#44

Trichloroethene

Concen: 102.282 ug/l

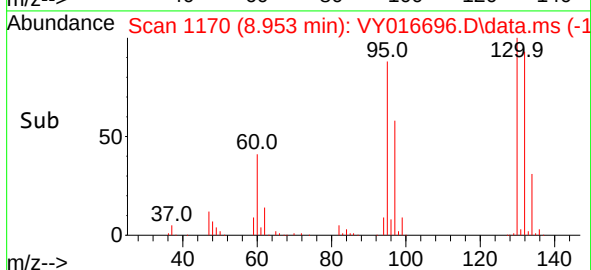
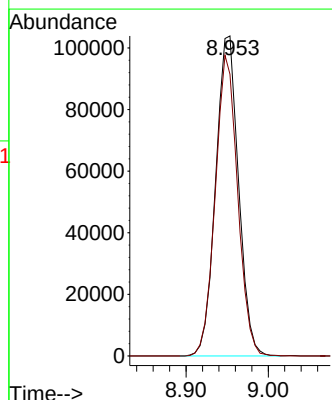
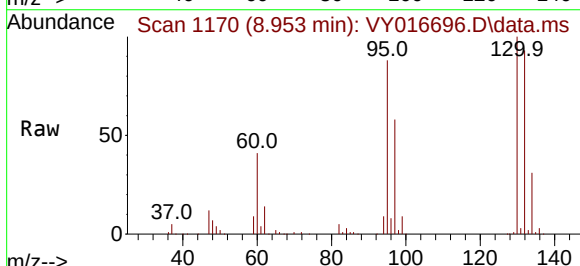
RT: 8.953 min Scan# 1170

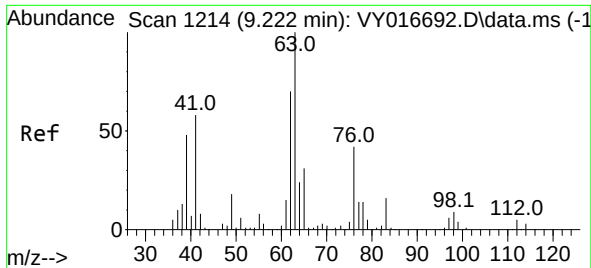
Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Tgt Ion:	130	Resp:	200514
Ion Ratio	Lower	Upper	
130	100		
95	88.0	0.0	189.2





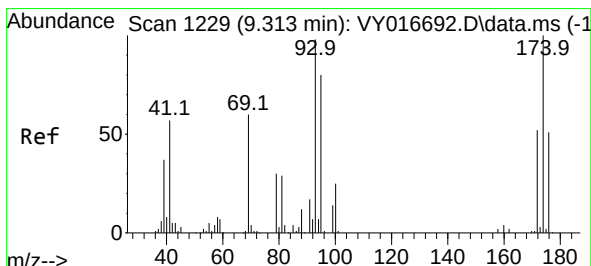
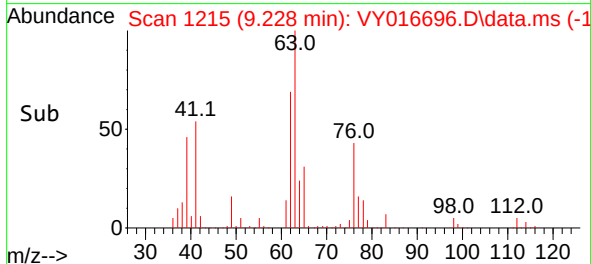
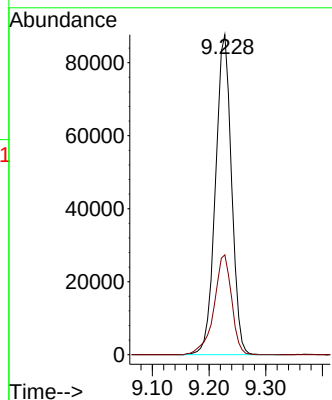
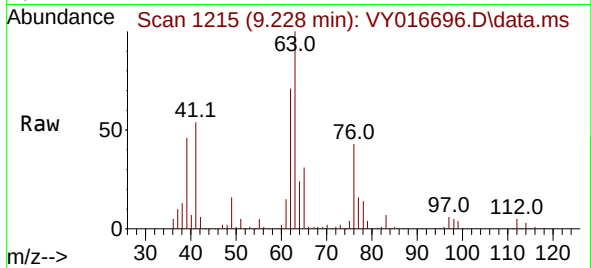
#45
1,2-Dichloropropane
Concen: 101.052 ug/l
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 172060
Ion Ratio Lower Upper
63 100
65 31.2 24.0 36.0

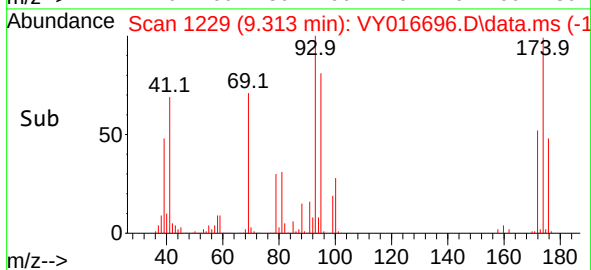
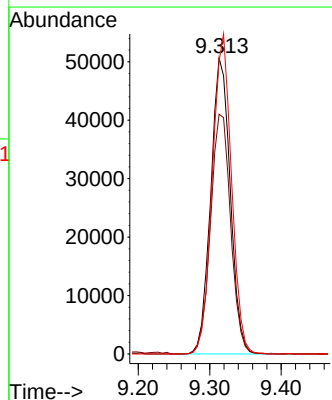
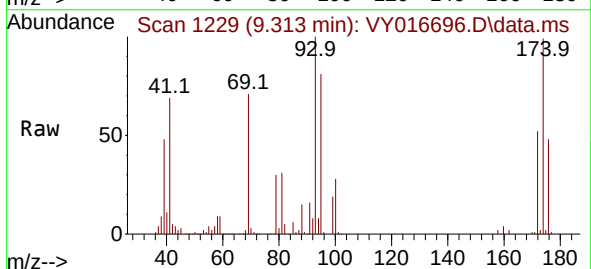
Manual Integrations
APPROVED

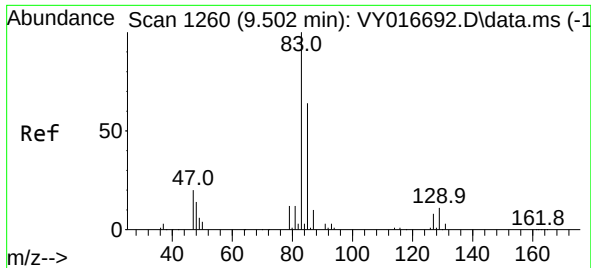
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#46
Dibromomethane
Concen: 100.003 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 93 Resp: 96154
Ion Ratio Lower Upper
93 100
95 83.2 66.9 100.3
174 105.7 85.2 127.8





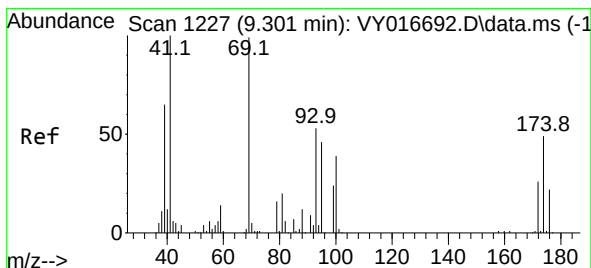
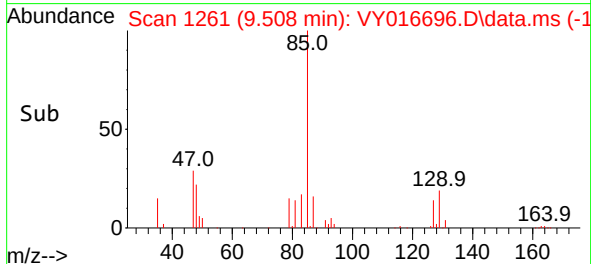
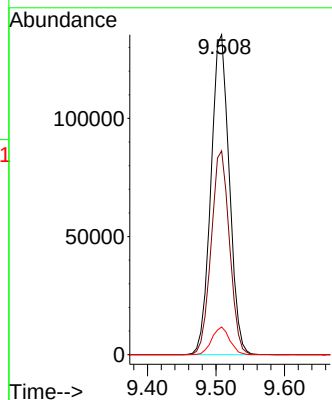
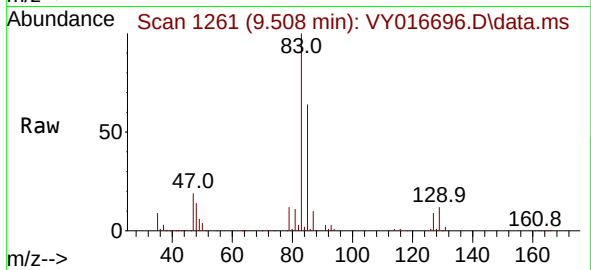
#47
Bromodichloromethane
Concen: 100.124 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 251362
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 8.7 7.3 10.9

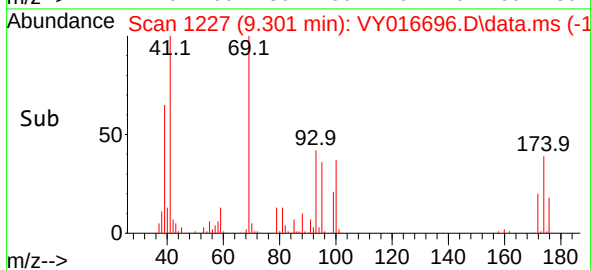
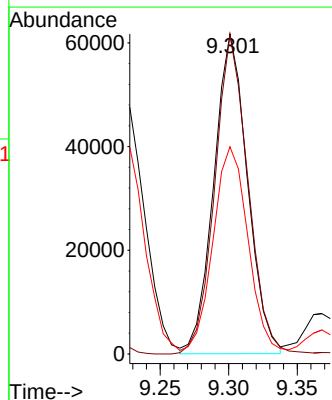
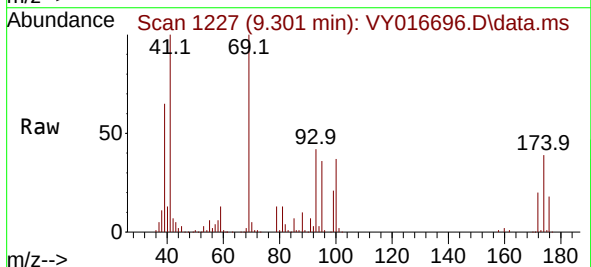
Manual Integrations
APPROVED

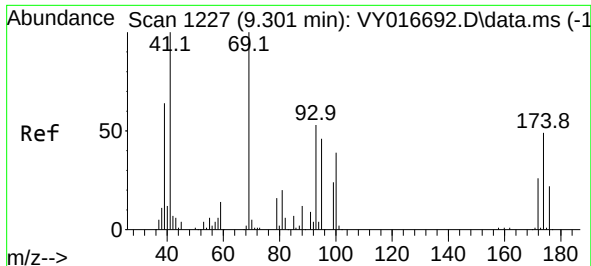
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#48
Methyl methacrylate
Concen: 106.361 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 41 Resp: 105254
Ion Ratio Lower Upper
41 100
69 98.2 85.5 128.3
39 65.3 40.9 61.3#





#49

1,4-Dioxane

Concen: 2147.249 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 19009

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0

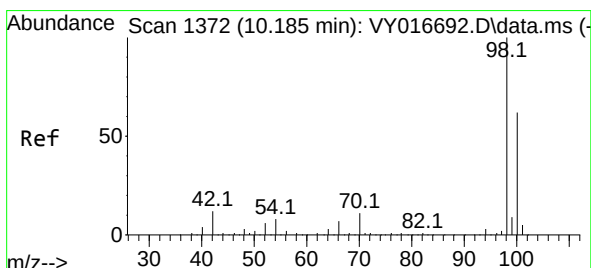
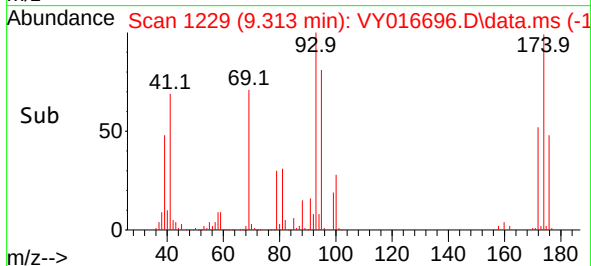
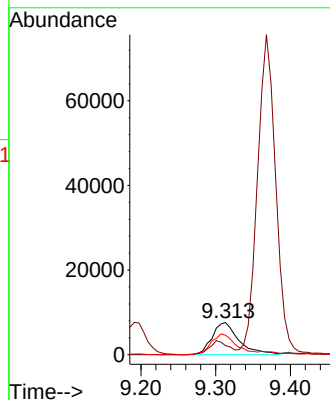
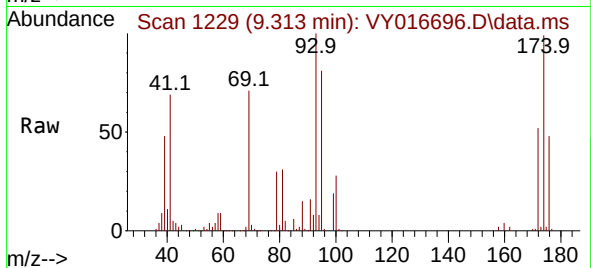
58 59.5 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#50

Toluene-d8

Concen: 96.481 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016696.D

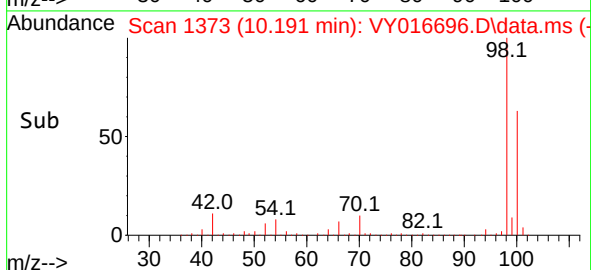
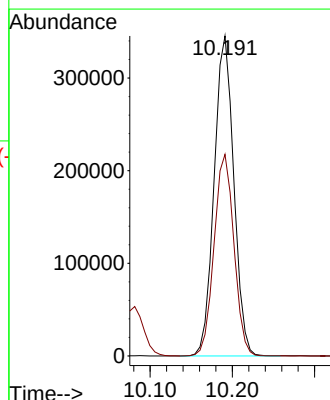
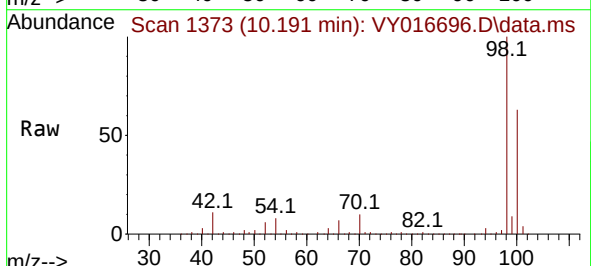
Acq: 19 Dec 2023 14:21

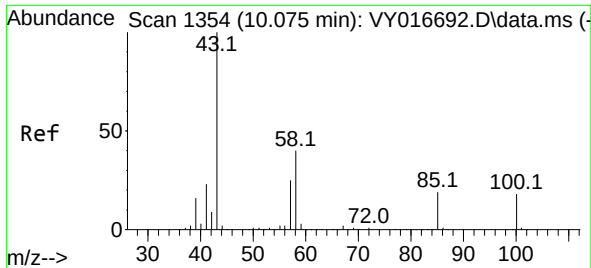
Tgt Ion: 98 Resp: 572734

Ion Ratio Lower Upper

98 100

100 63.7 52.5 78.7





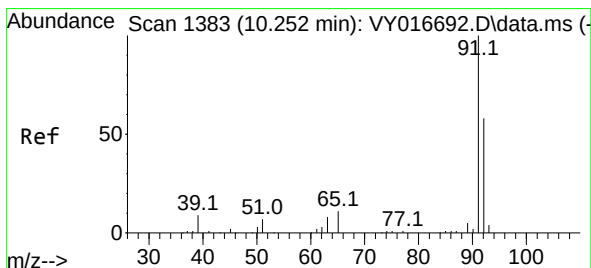
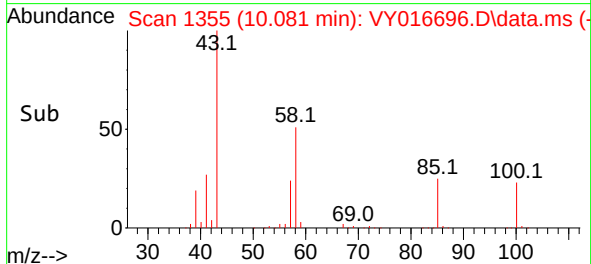
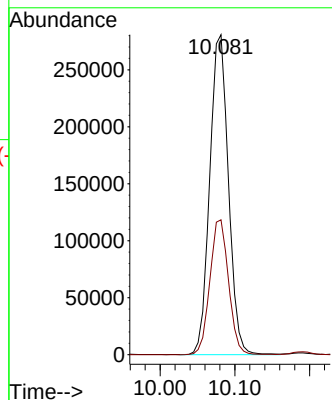
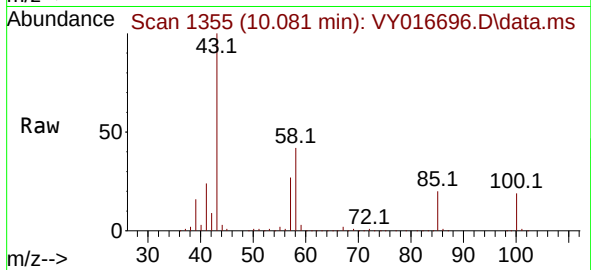
#51
4-Methyl-2-Pentanone
Concen: 520.033 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 48682
Ion Ratio Lower Upper
43 100
58 42.2 35.8 53.8

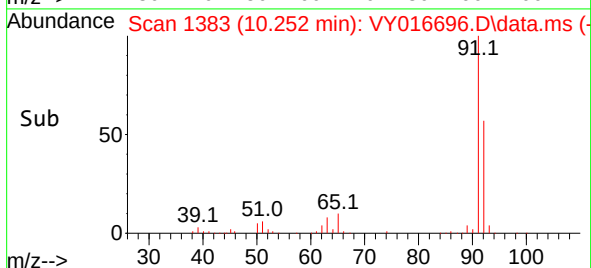
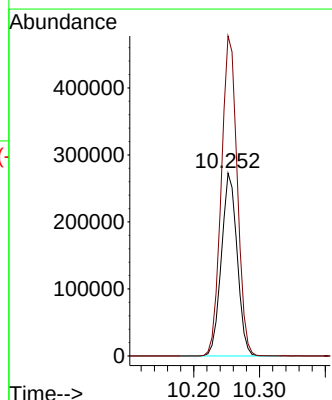
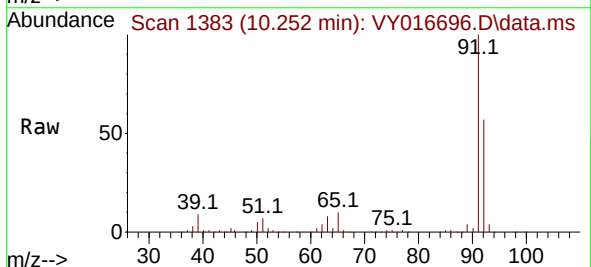
Manual Integrations
APPROVED

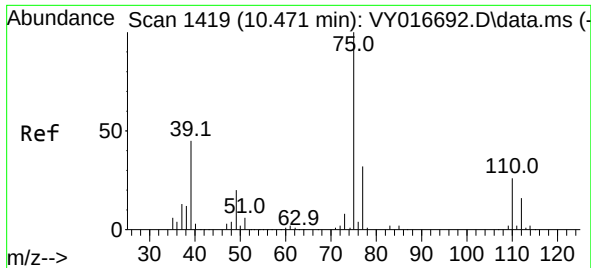
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#52
Toluene
Concen: 104.167 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

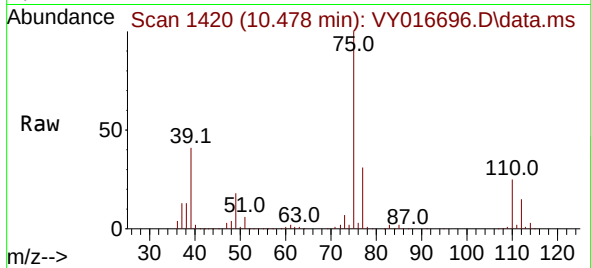
Tgt Ion: 92 Resp: 454028
Ion Ratio Lower Upper
92 100
91 177.4 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 106.331 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

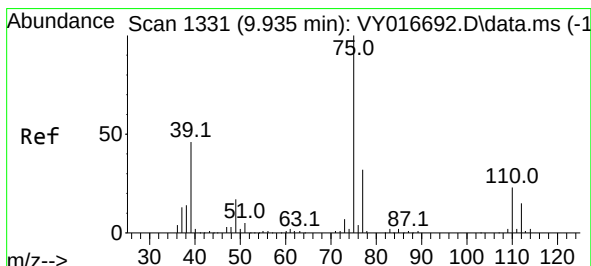
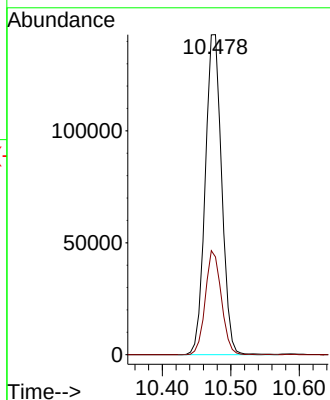
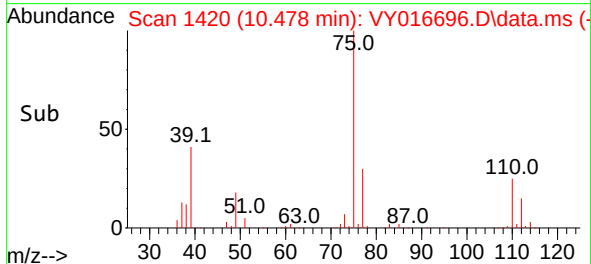
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 239020
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8

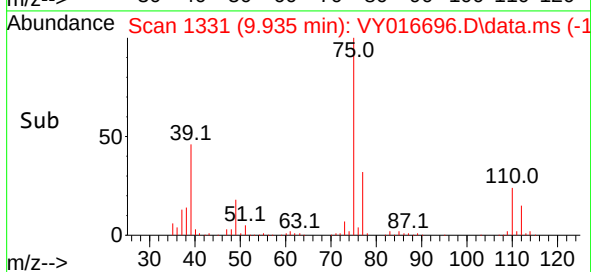
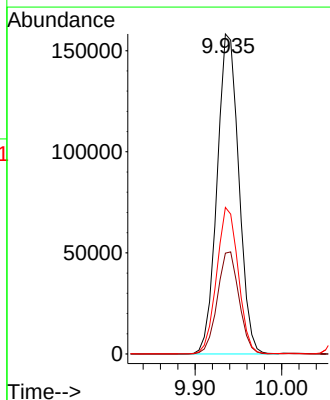
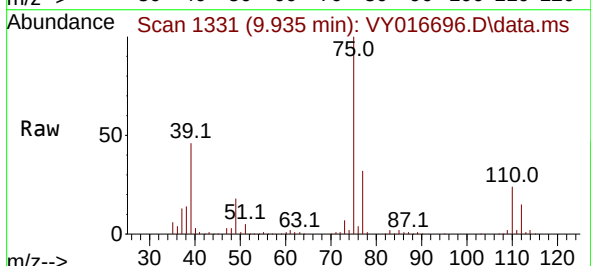
Manual Integrations
APPROVED

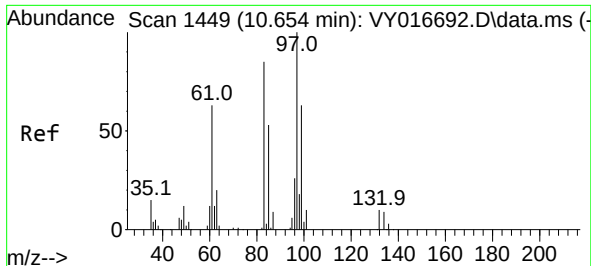
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#54
cis-1,3-Dichloropropene
Concen: 103.504 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

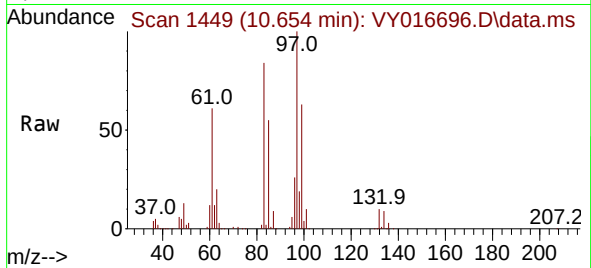
Tgt Ion: 75 Resp: 275686
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 45.8 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 97.501 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

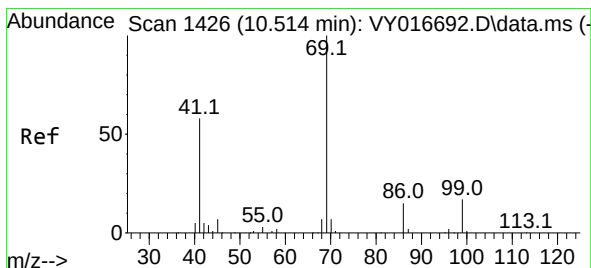
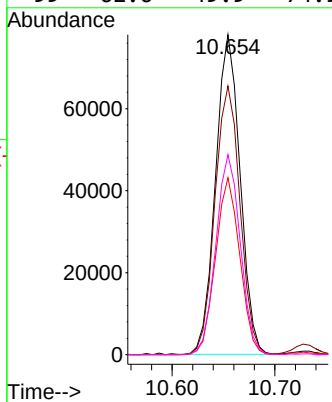
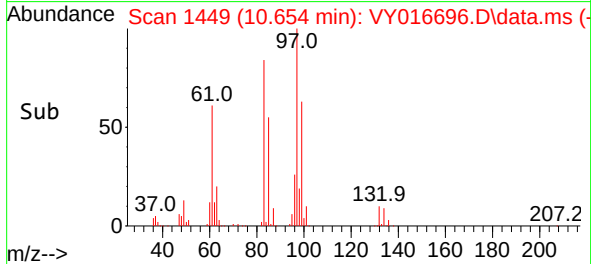
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 97	Resp: 12950
Ion Ratio	Lower Upper
97 100	
83 84.1	65.8 98.6
85 55.4	43.4 65.2
99 62.6	49.9 74.9

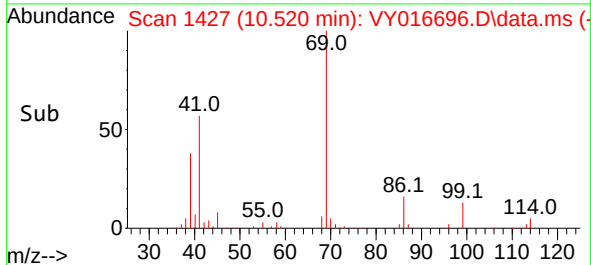
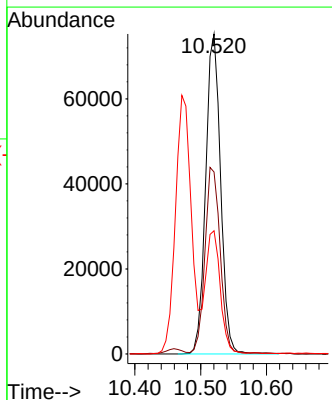
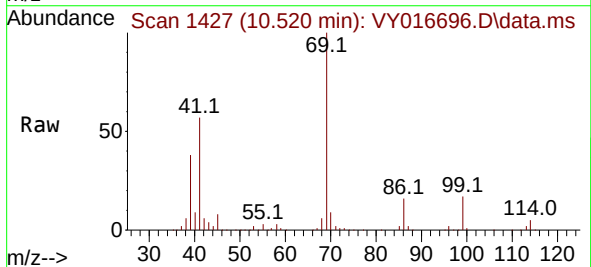
Manual Integrations
APPROVED

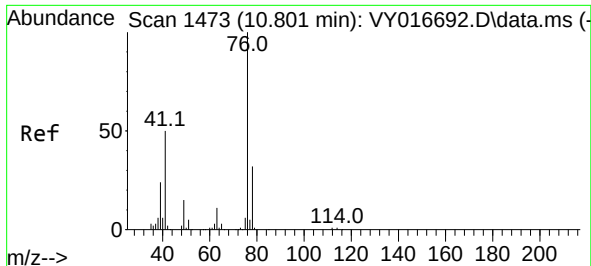
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#56
Ethyl methacrylate
Concen: 109.895 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 69	Resp: 118777
Ion Ratio	Lower Upper
69 100	
41 60.2	44.6 67.0
39 38.7	21.5 32.3





#57

1,3-Dichloropropane

Concen: 100.396 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 22003

Ion Ratio Lower Upper

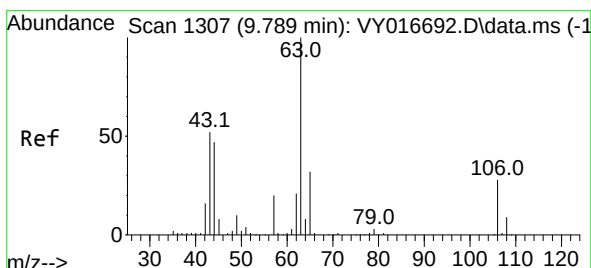
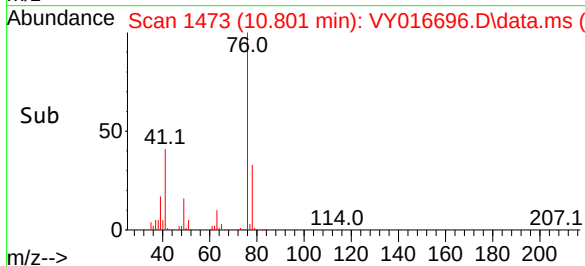
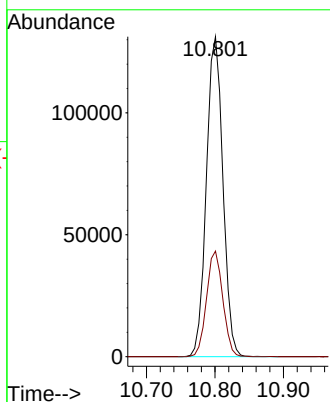
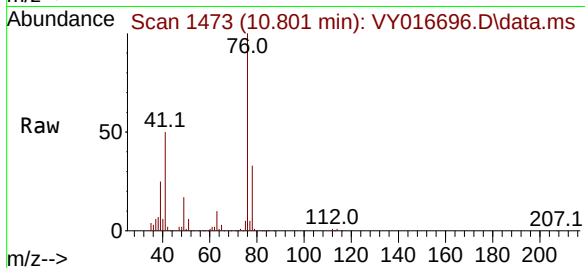
76 100

78 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 492.312 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016696.D

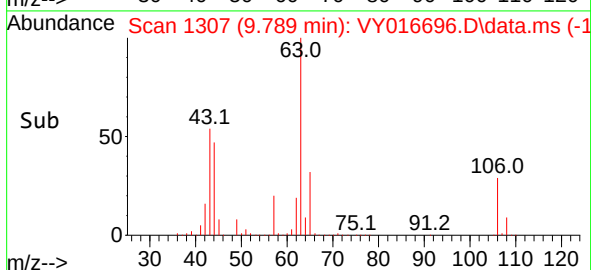
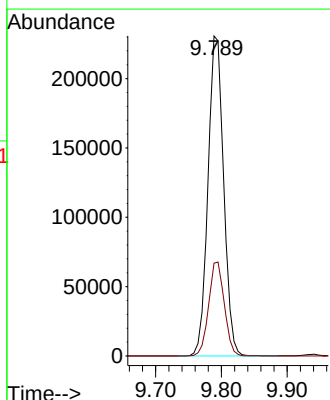
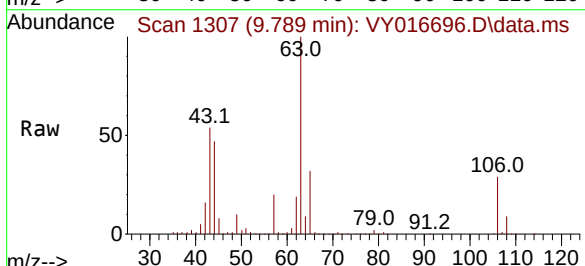
Acq: 19 Dec 2023 14:21

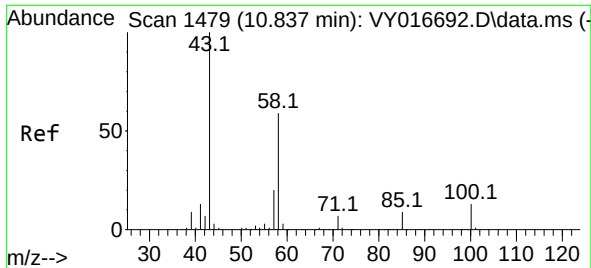
Tgt Ion: 63 Resp: 382628

Ion Ratio Lower Upper

63 100

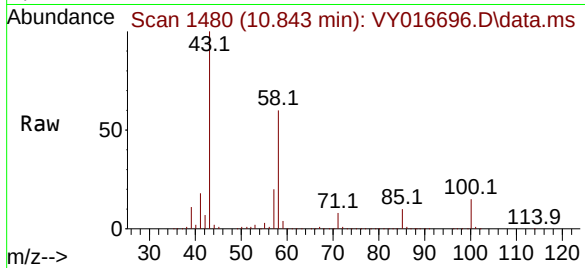
106 29.4 25.4 38.2





#59
2-Hexanone
Concen: 493.030 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

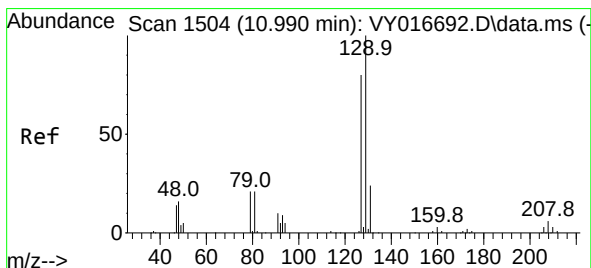
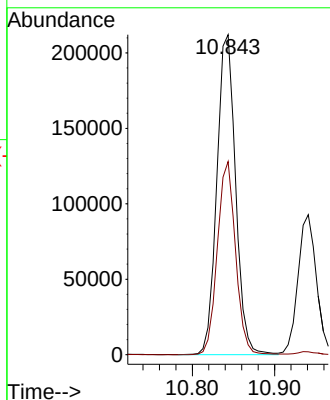
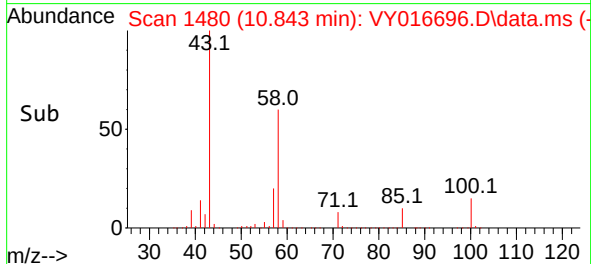
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



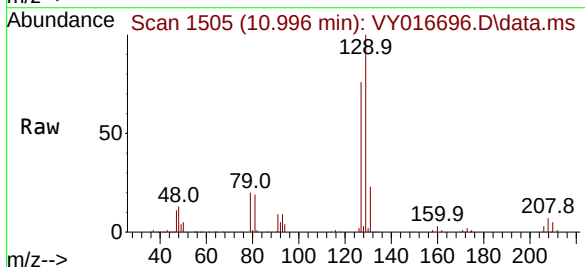
Tgt Ion: 43 Resp: 336269
Ion Ratio Lower Upper
43 100
58 58.6 30.8 92.4

Manual Integrations
APPROVED

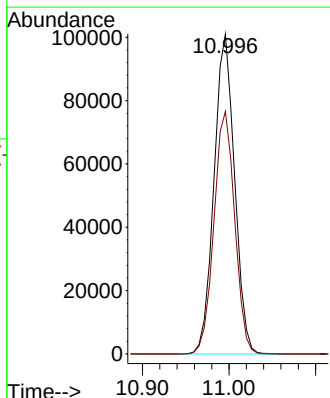
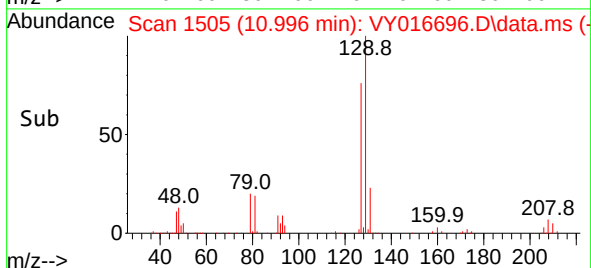
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

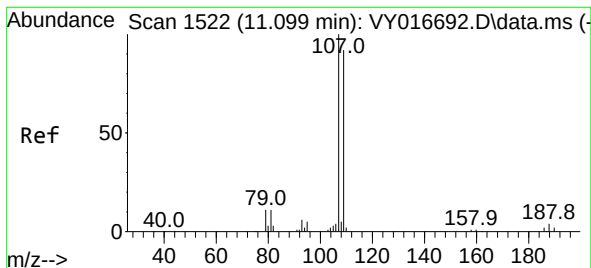


#60
Dibromochloromethane
Concen: 103.087 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



Tgt Ion:129 Resp: 166244
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9





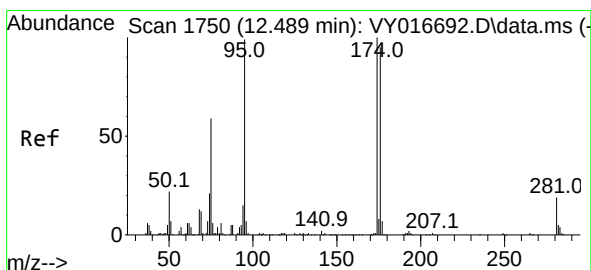
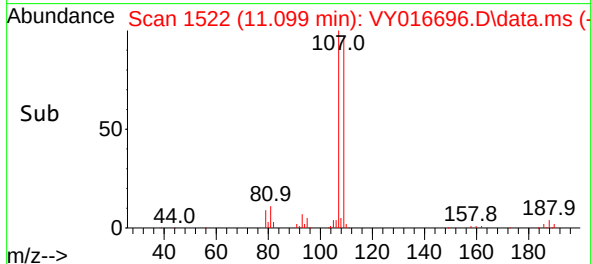
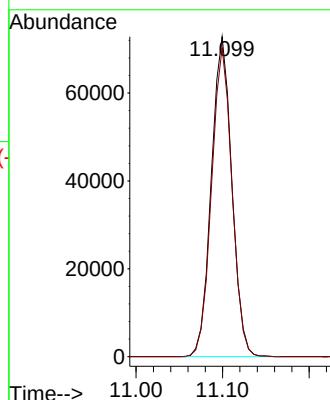
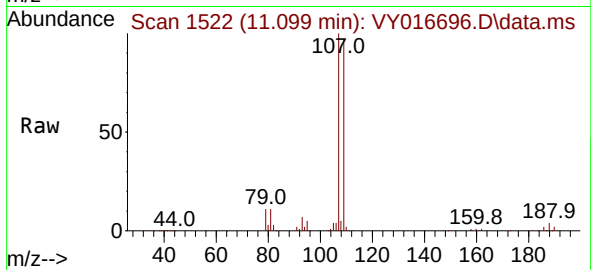
#61
1,2-Dibromoethane
Concen: 100.179 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 11983
Ion Ratio Lower Upper
107 100
109 95.9 74.7 112.1

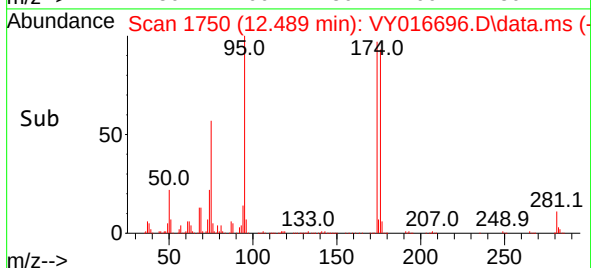
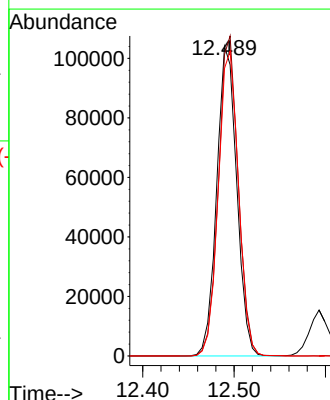
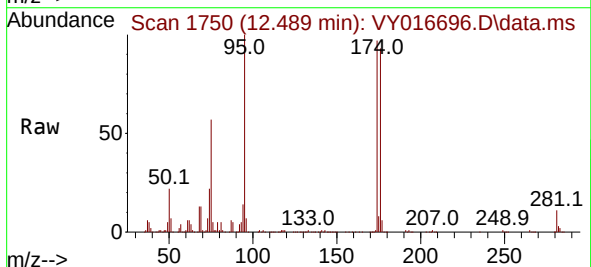
Manual Integrations
APPROVED

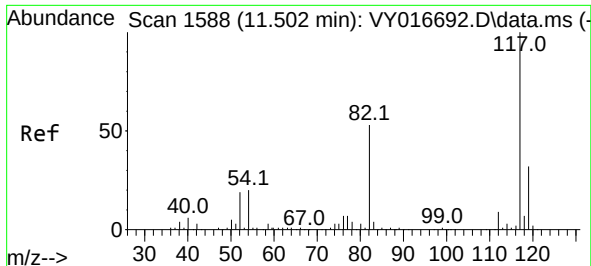
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#62
4-Bromofluorobenzene
Concen: 93.903 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

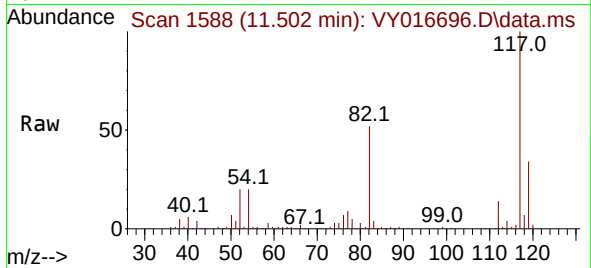
Tgt Ion: 95 Resp: 158496
Ion Ratio Lower Upper
95 100
174 102.1 0.0 181.0
176 99.1 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

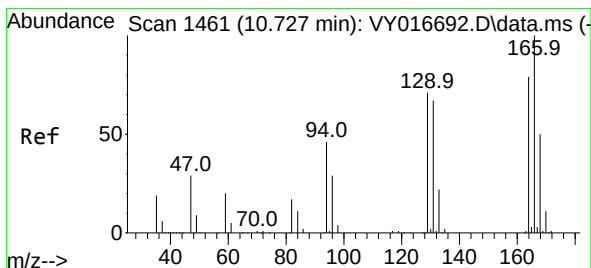
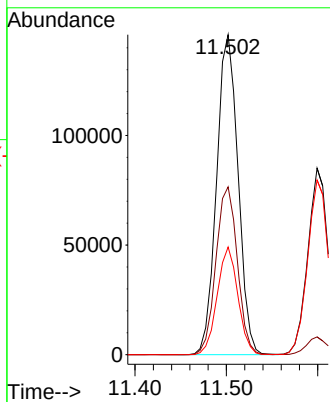
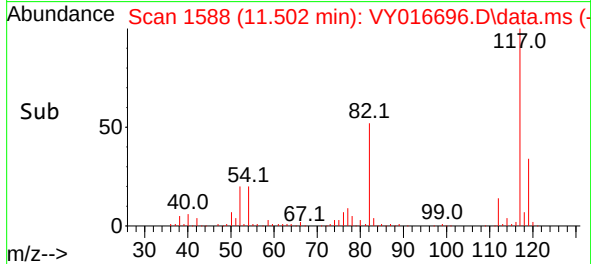
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 238809
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 33.6 25.8 38.8

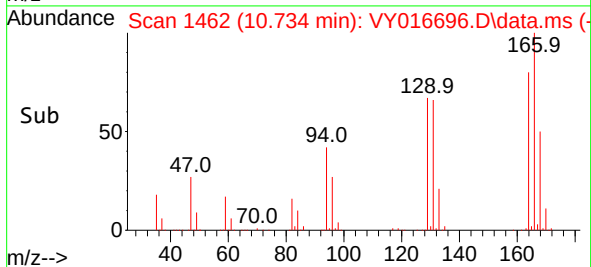
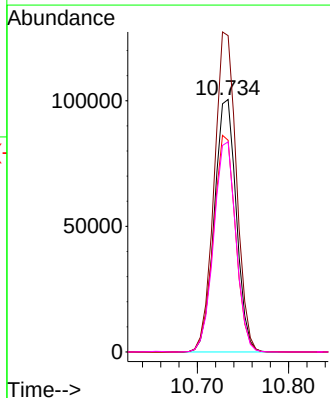
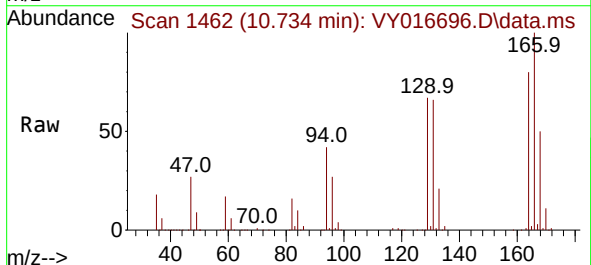
Manual Integrations
APPROVED

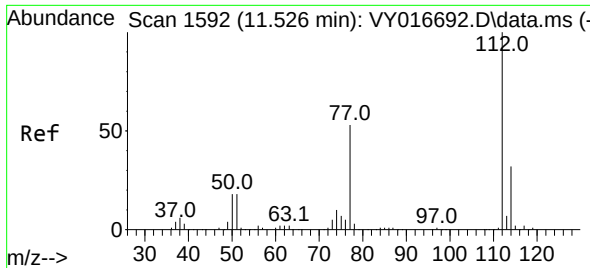
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#64
Tetrachloroethene
Concen: 102.320 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:164 Resp: 168547
Ion Ratio Lower Upper
164 100
166 125.3 103.9 155.9
129 83.8 71.4 107.2
131 83.2 69.9 104.9





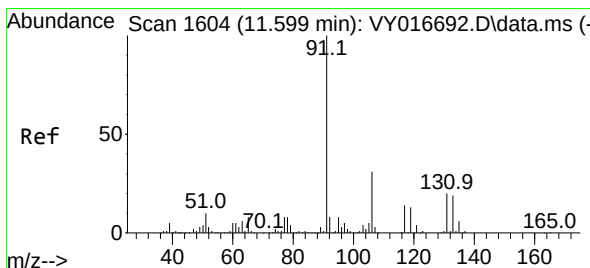
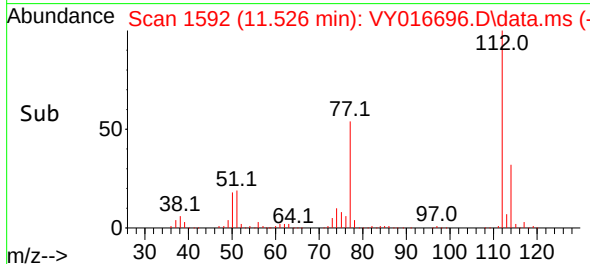
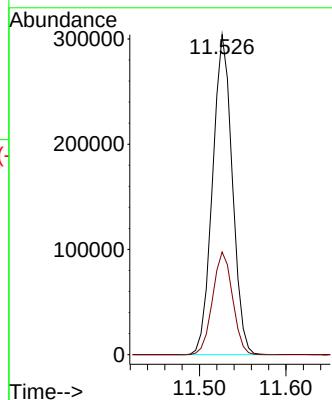
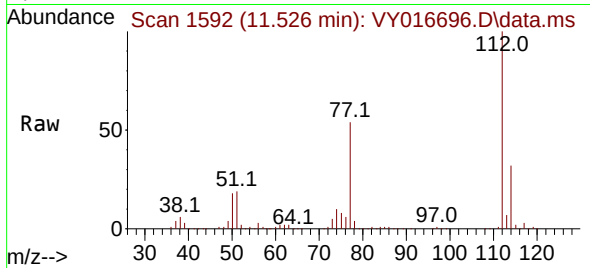
#65
Chlorobenzene
Concen: 101.787 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 481379
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

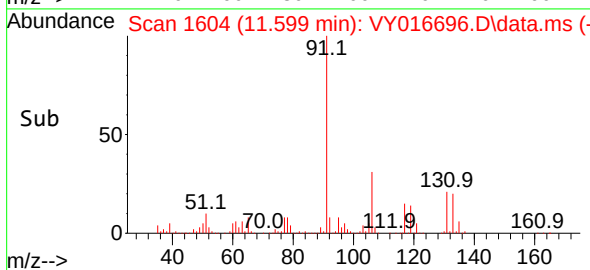
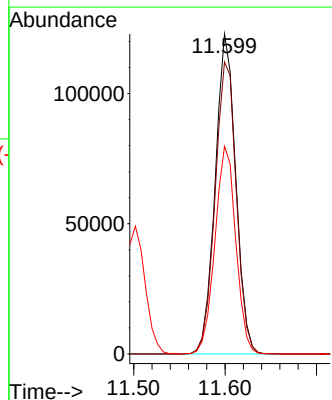
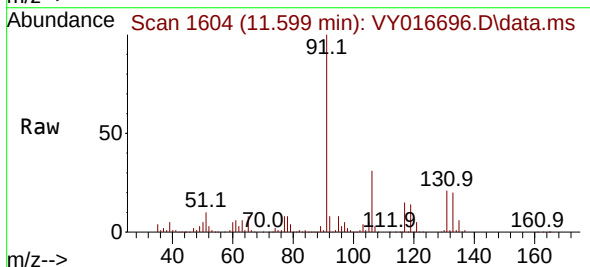
Manual Integrations
APPROVED

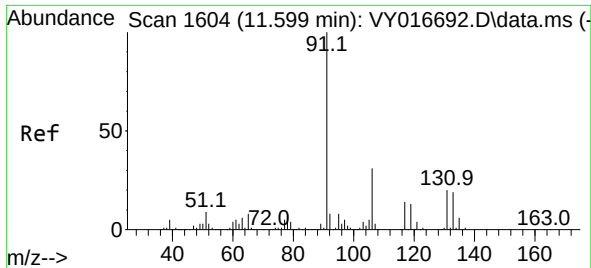
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 104.705 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:131 Resp: 191839
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.6
119 66.0 32.9 98.7





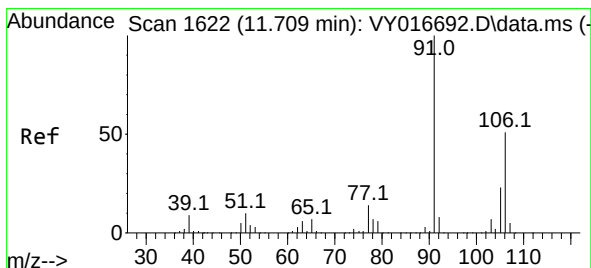
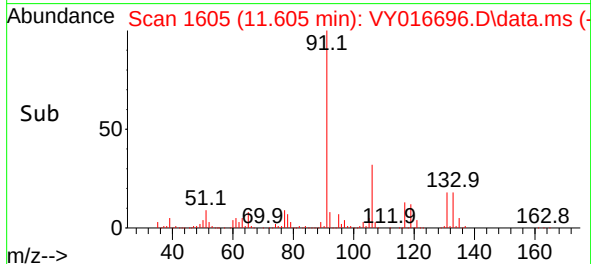
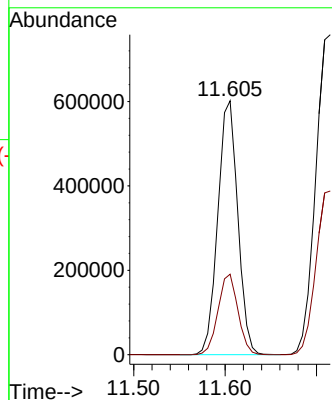
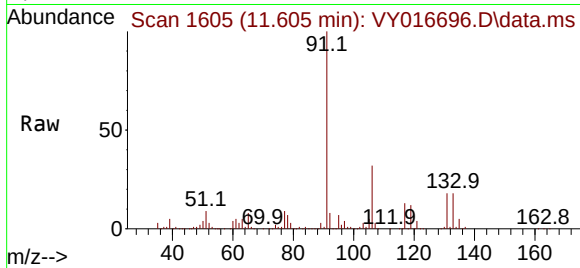
#67
Ethyl Benzene
Concen: 108.255 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 91463
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1

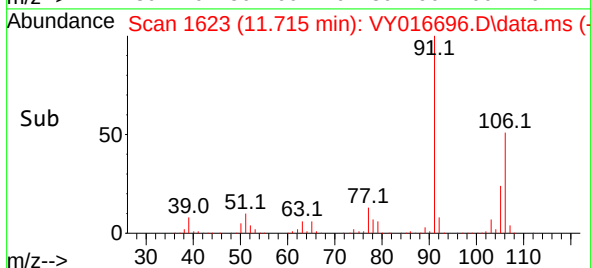
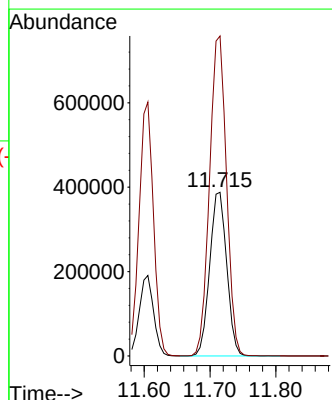
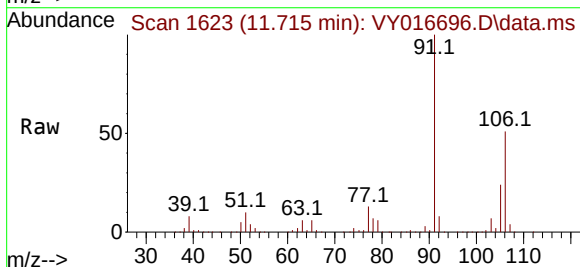
Manual Integrations
APPROVED

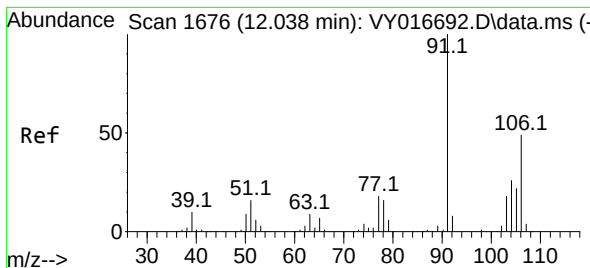
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#68
m/p-Xylenes
Concen: 217.571 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:106 Resp: 696796
Ion Ratio Lower Upper
106 100
91 194.9 156.2 234.2





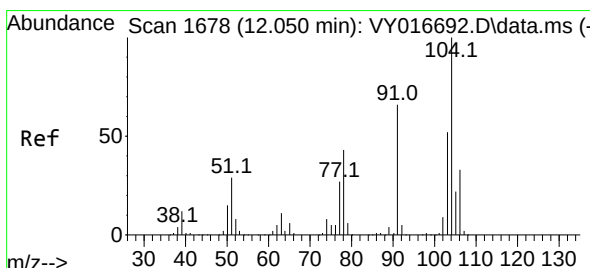
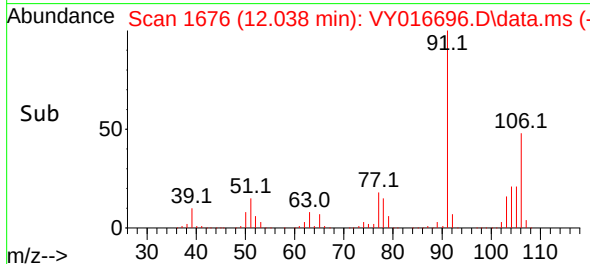
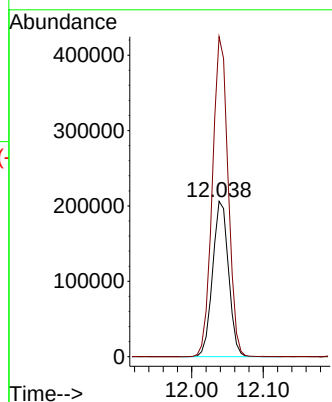
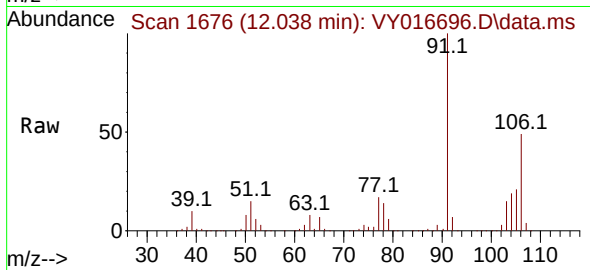
#69
o-Xylene
Concen: 108.897 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 31859
Ion Ratio Lower Upper
106 100
91 203.7 102.8 308.4

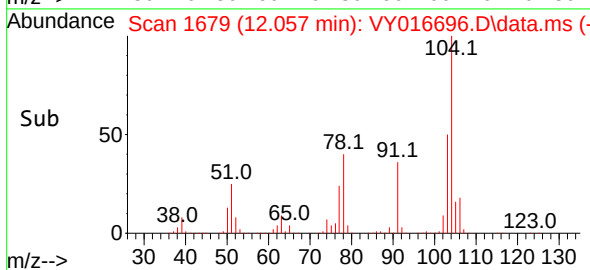
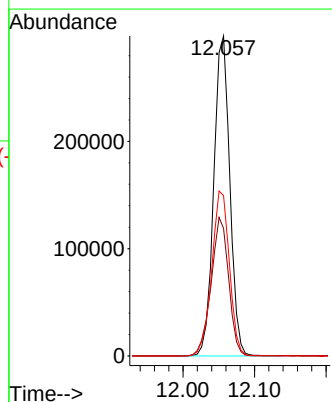
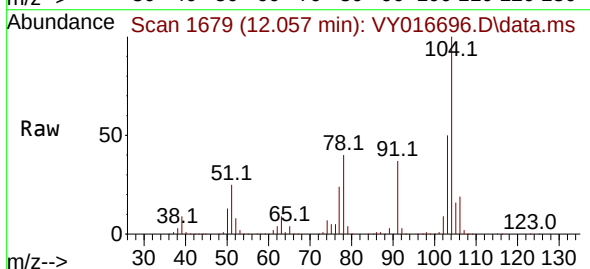
Manual Integrations
APPROVED

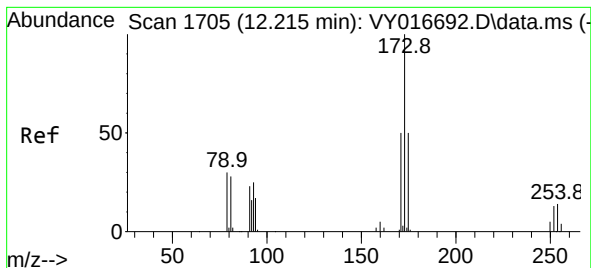
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#70
Styrene
Concen: 109.891 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:104 Resp: 464229
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 56.7 44.3 66.5





#71

Bromoform

Concen: 103.139 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 97874

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

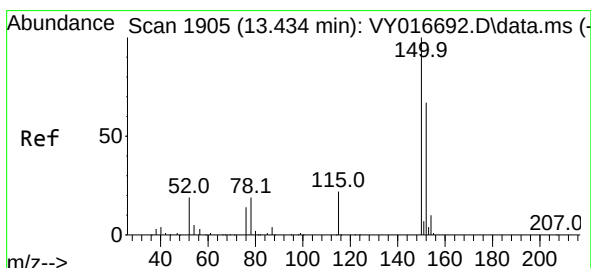
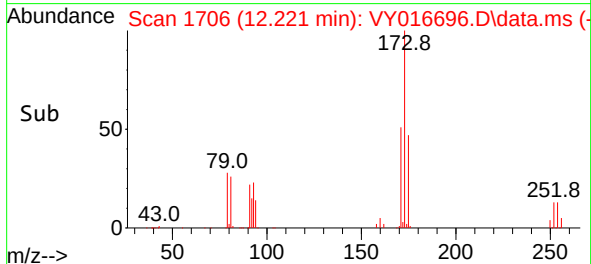
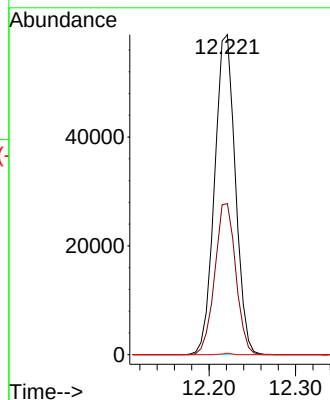
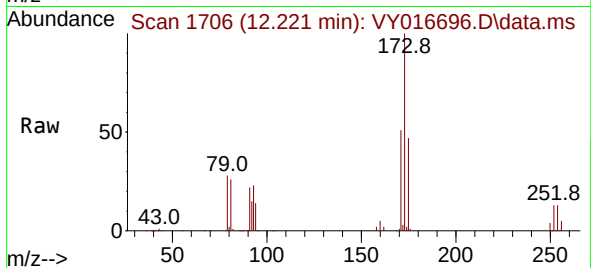
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

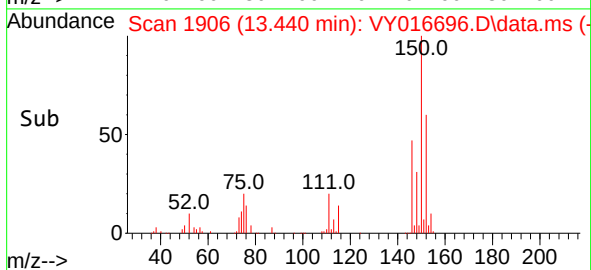
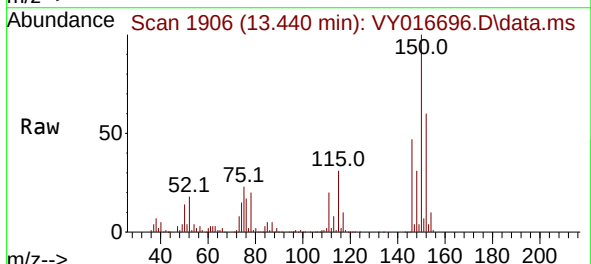
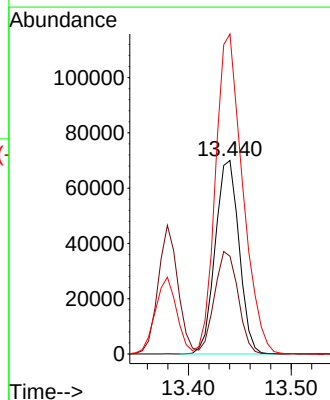
Tgt Ion:152 Resp: 112708

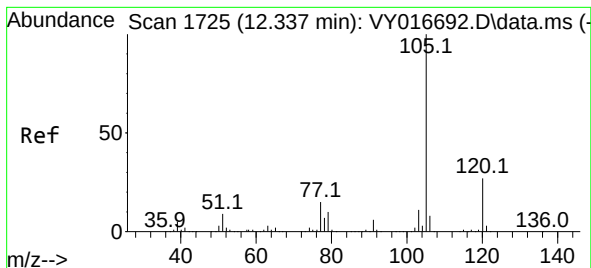
Ion Ratio Lower Upper

152 100

115 52.4 28.2 84.7

150 187.9 0.0 350.6





#73

Isopropylbenzene

Concen: 108.965 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 84915

Ion Ratio Lower Upper

105 100

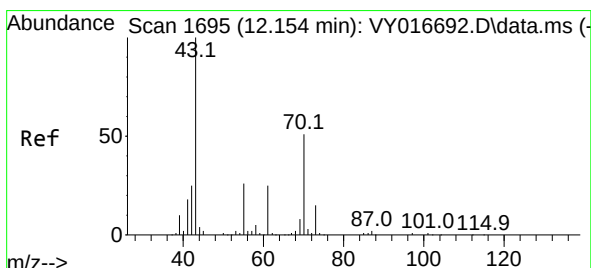
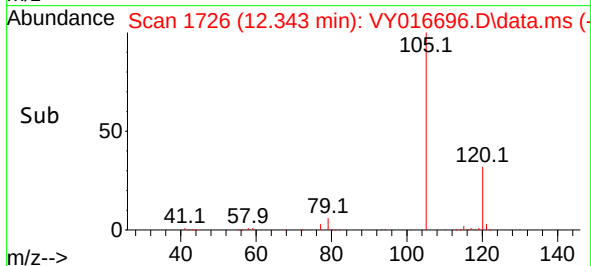
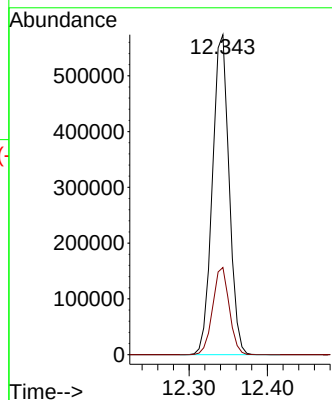
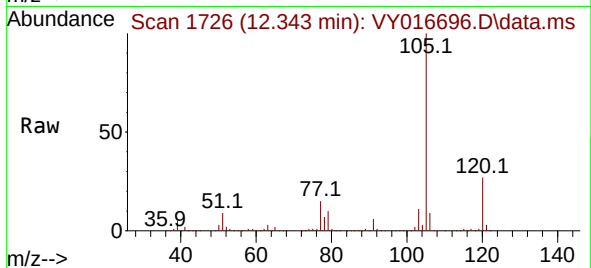
120 27.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#74

N-ethyl acetate

Concen: 108.190 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Tgt Ion: 43 Resp: 152560

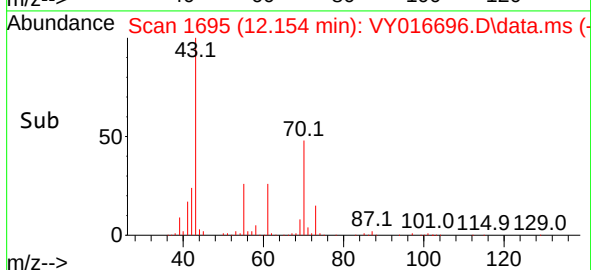
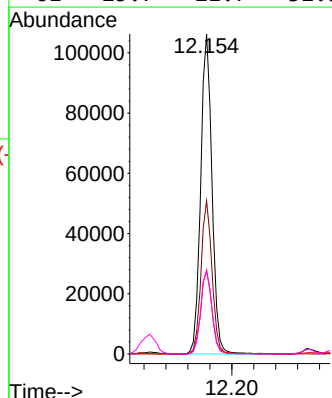
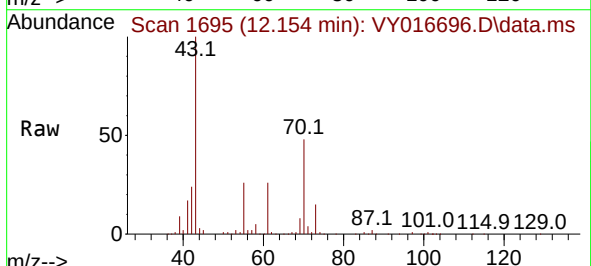
Ion Ratio Lower Upper

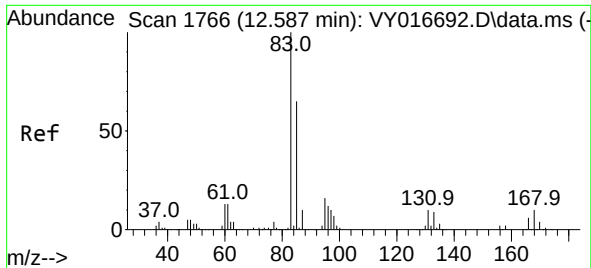
43 100

70 46.8 41.2 61.8

55 26.1 22.2 33.2

61 25.7 21.7 32.5





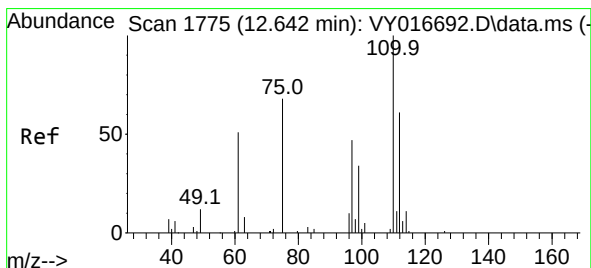
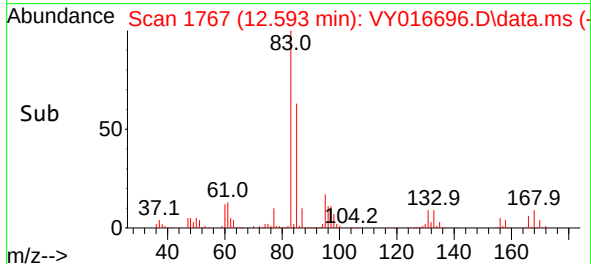
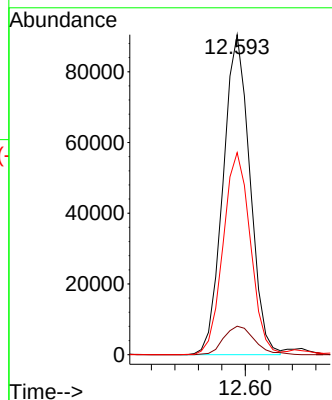
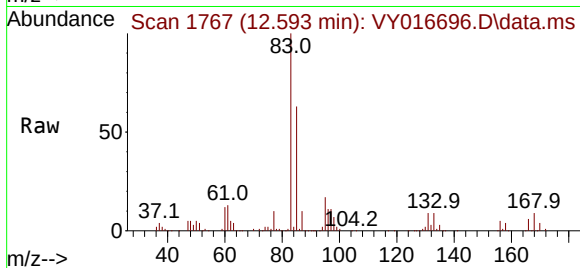
#75
1,1,2,2-Tetrachloroethane
Concen: 98.901 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 143410
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.4
85 64.3 32.0 96.0

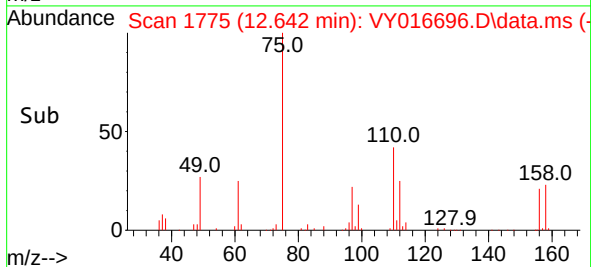
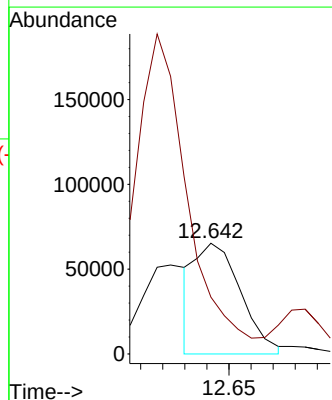
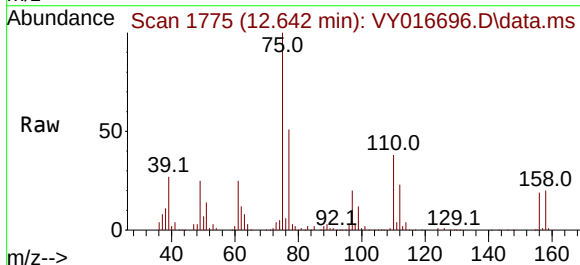
Manual Integrations
APPROVED

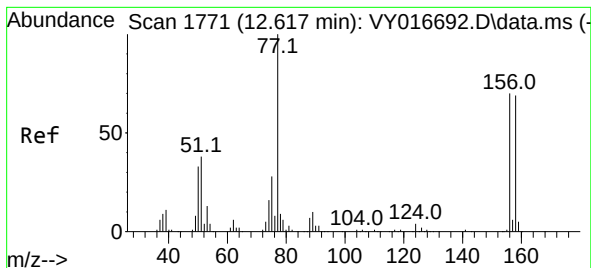
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#76
1,2,3-Trichloropropane
Concen: 96.017 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 75 Resp: 94070
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 104.237 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 195862

Ion Ratio Lower Upper

156 100

77 160.8 83.5 250.7

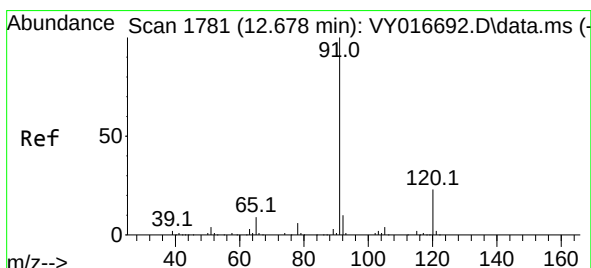
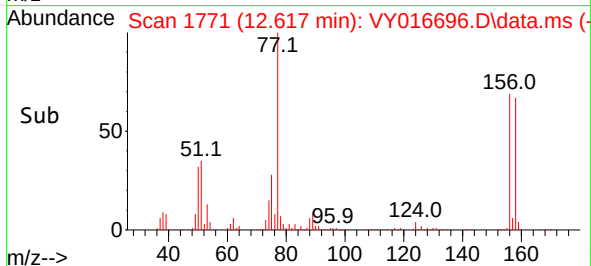
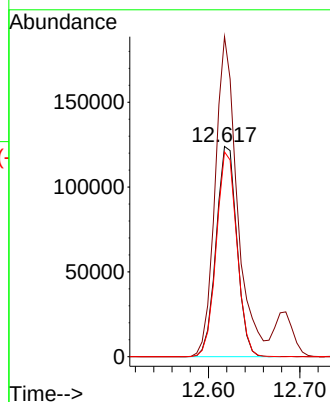
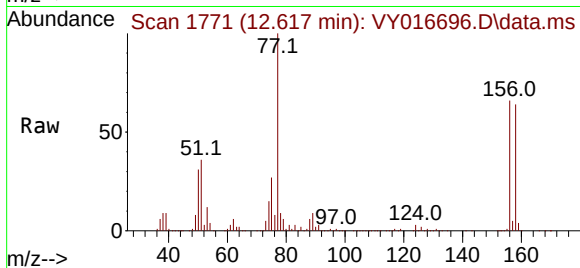
158 96.7 49.0 147.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#78

n-propylbenzene

Concen: 107.543 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016696.D

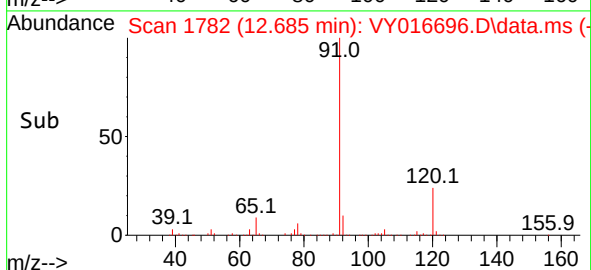
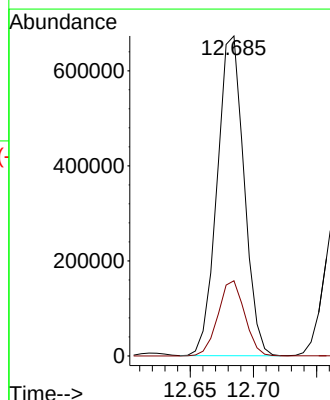
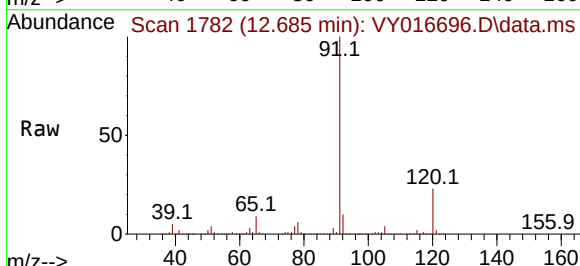
Acq: 19 Dec 2023 14:21

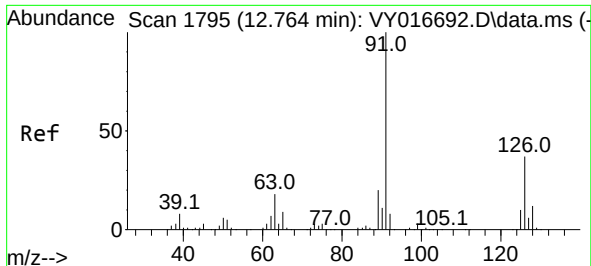
Tgt Ion: 91 Resp: 993567

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.7





#79

2-Chlorotoluene

Concen: 104.708 ug/l

RT: 12.770 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 518178

Ion Ratio Lower Upper

91 100

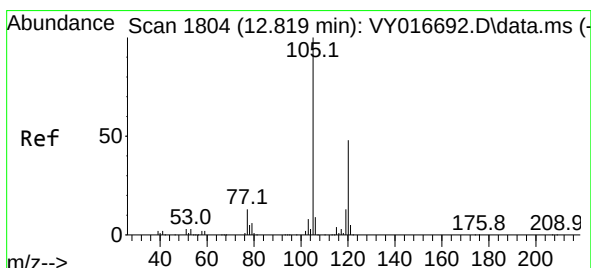
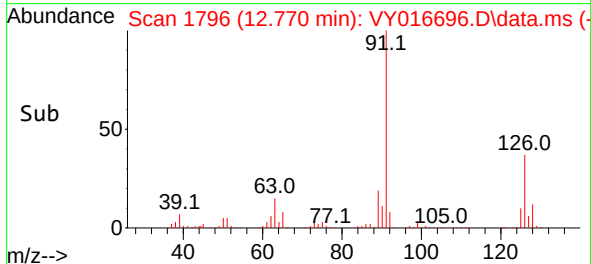
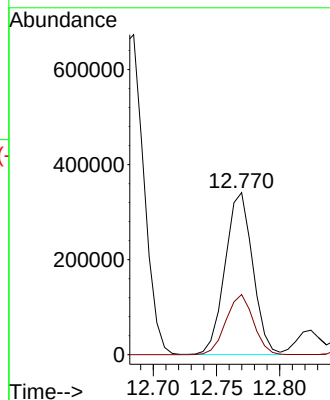
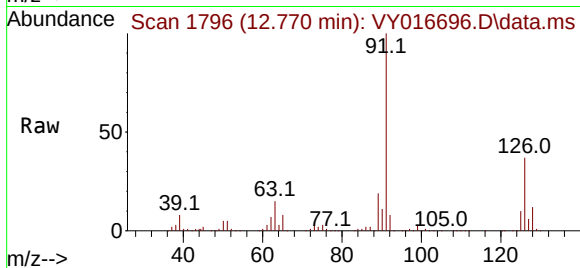
126 36.9 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#80

1,3,5-Trimethylbenzene

Concen: 108.789 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016696.D

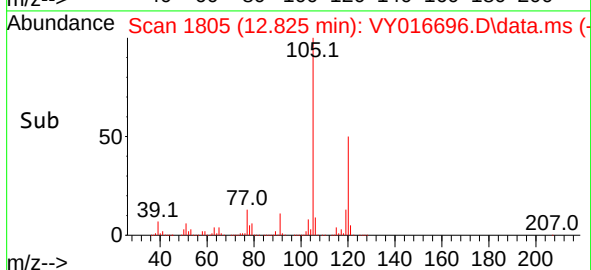
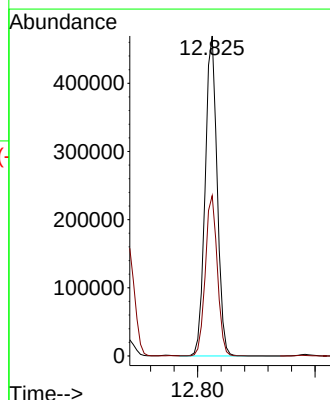
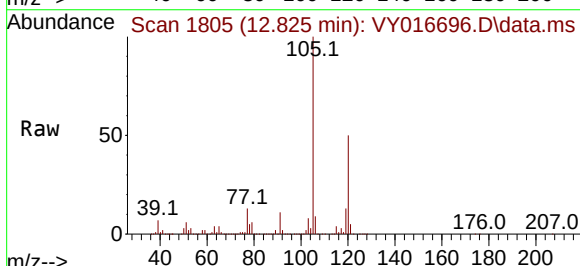
Acq: 19 Dec 2023 14:21

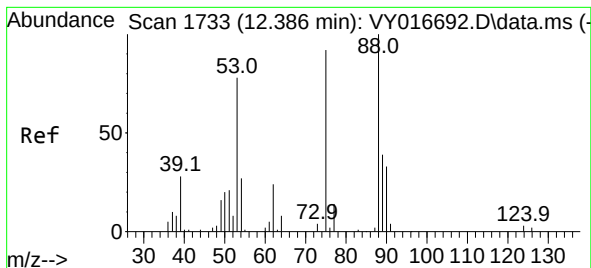
Tgt Ion:105 Resp: 664340

Ion Ratio Lower Upper

105 100

120 50.2 25.2 75.6





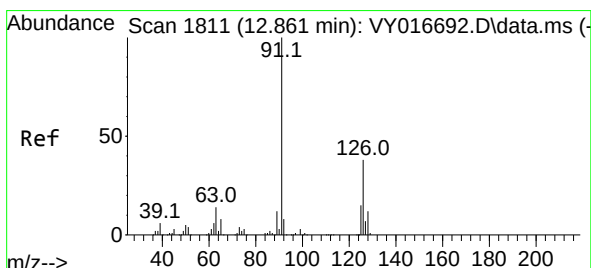
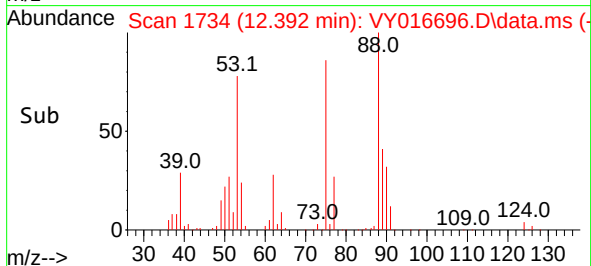
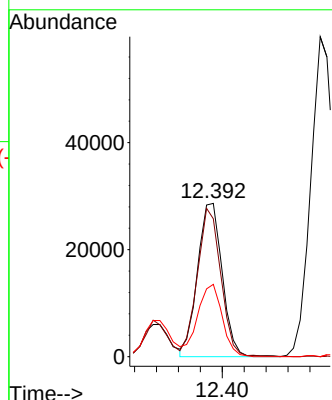
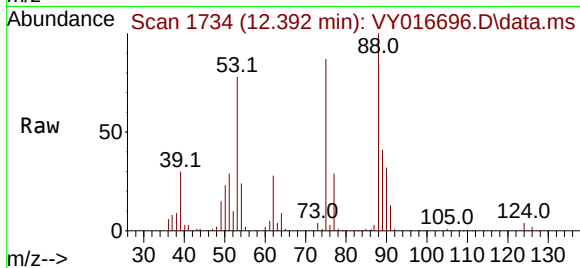
#81
trans-1,4-Dichloro-2-butene
Concen: 105.026 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 4484
Ion Ratio Lower Upper
75 100
53 92.5 62.9 94.3
89 47.2 35.8 53.8

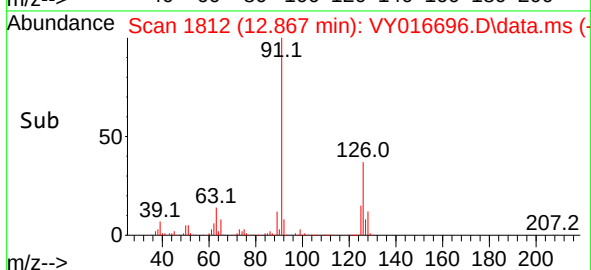
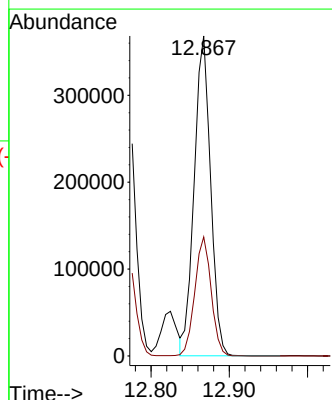
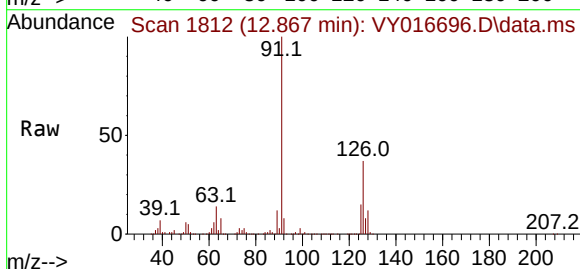
Manual Integrations
APPROVED

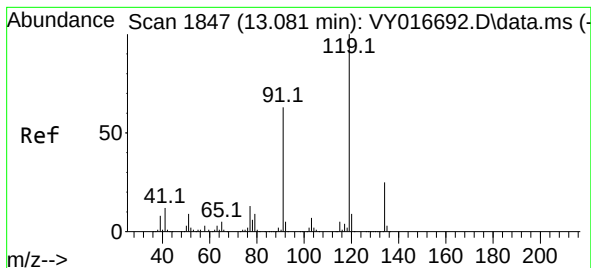
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#82
4-Chlorotoluene
Concen: 104.681 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 91 Resp: 535685
Ion Ratio Lower Upper
91 100
126 37.3 18.0 54.0





#83

tert-Butylbenzene

Concen: 109.228 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:119 Resp: 600209

Ion Ratio Lower Upper

119 100

91 59.3 30.8 92.3

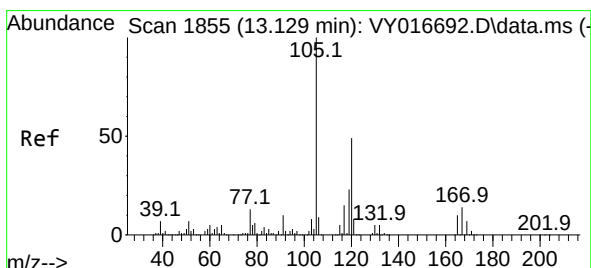
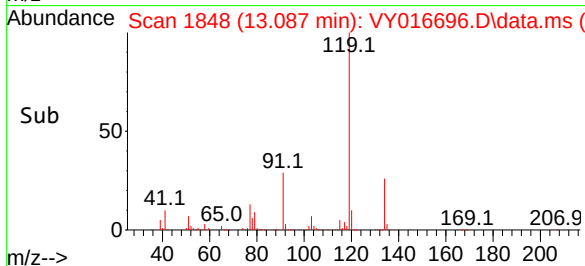
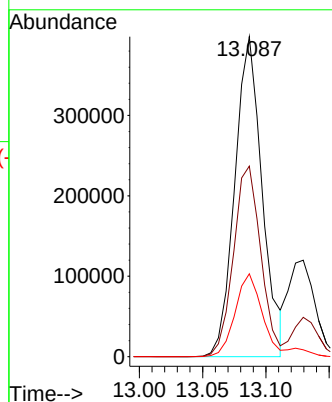
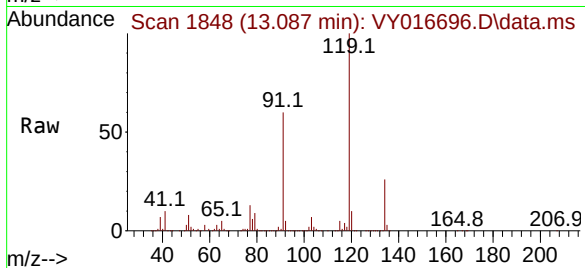
134 25.7 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 109.704 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016696.D

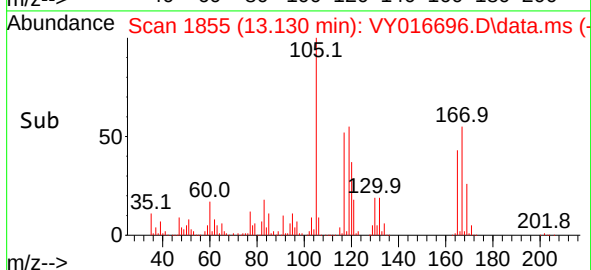
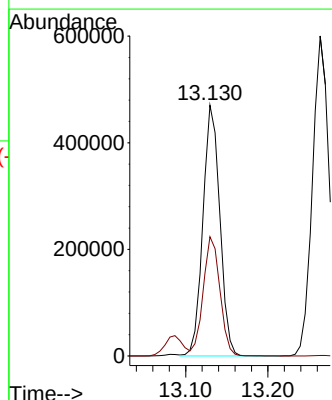
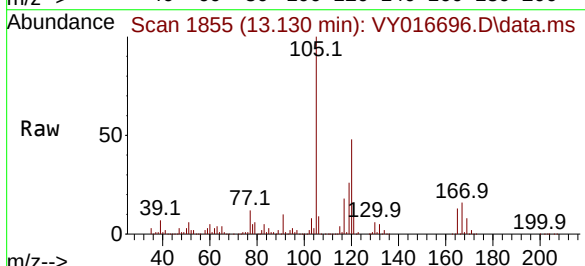
Acq: 19 Dec 2023 14:21

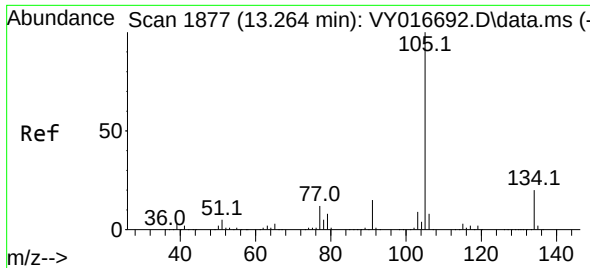
Tgt Ion:105 Resp: 671523

Ion Ratio Lower Upper

105 100

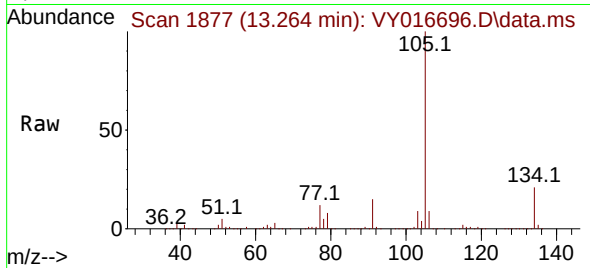
120 46.9 23.2 69.5





#85
 sec-Butylbenzene
 Concen: 108.137 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016696.D
 Acq: 19 Dec 2023 14:21

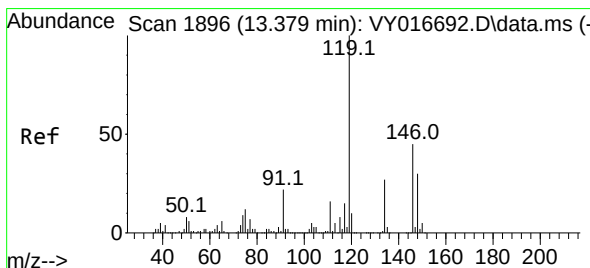
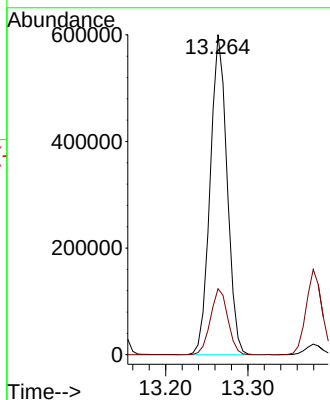
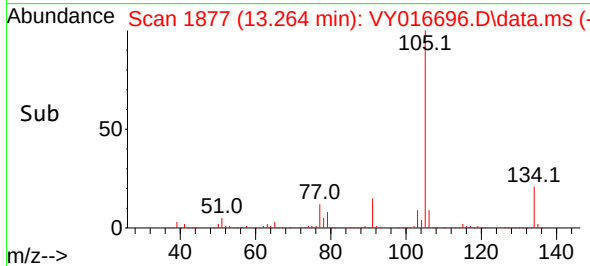
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



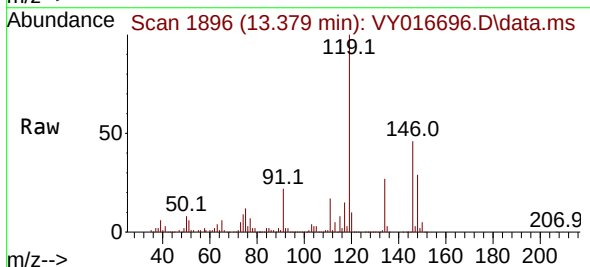
Tgt Ion:105 Resp: 856915
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations
 APPROVED

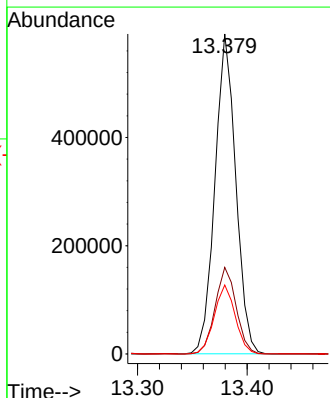
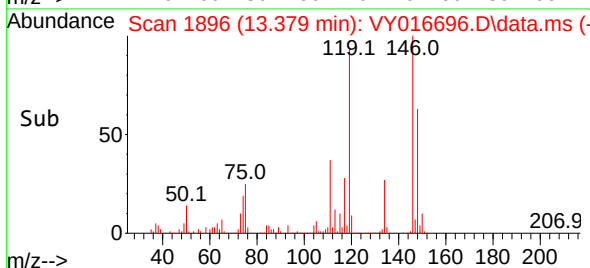
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

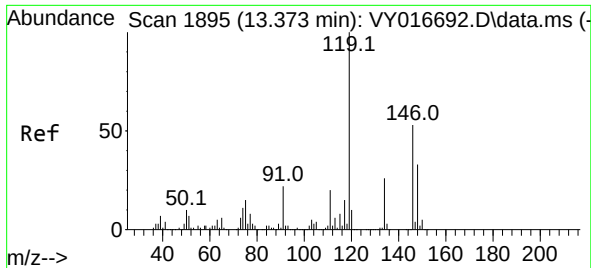


#86
 p-Isopropyltoluene
 Concen: 112.609 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016696.D
 Acq: 19 Dec 2023 14:21



Tgt Ion:119 Resp: 780165
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.1
 91 21.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 105.978 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 394050

Ion Ratio Lower Upper

146 100

111 37.0 19.1 57.1

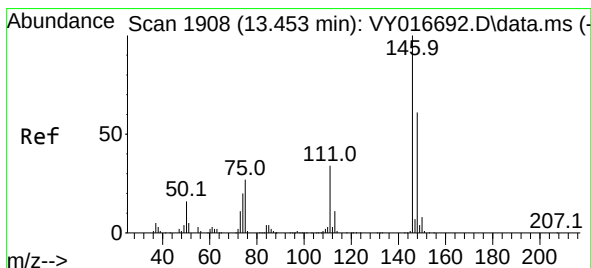
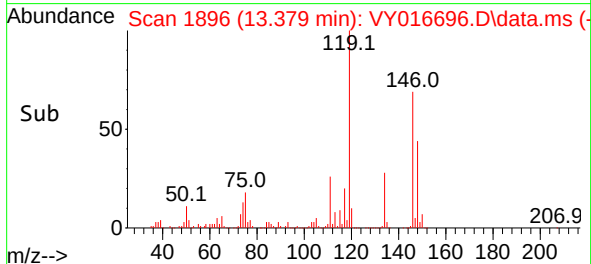
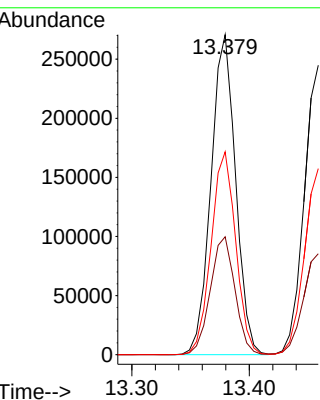
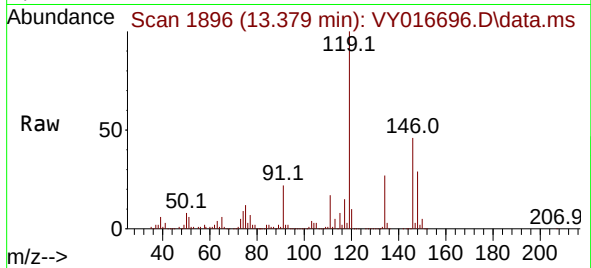
148 63.5 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#88

1,4-Dichlorobenzene

Concen: 101.477 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

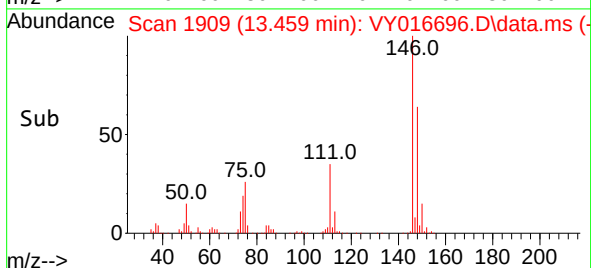
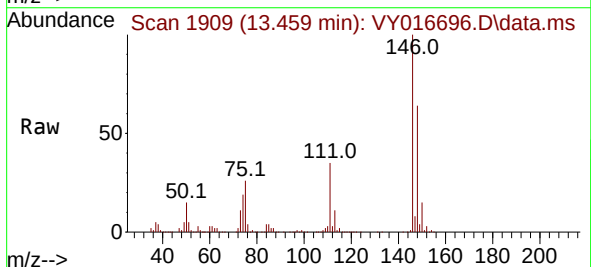
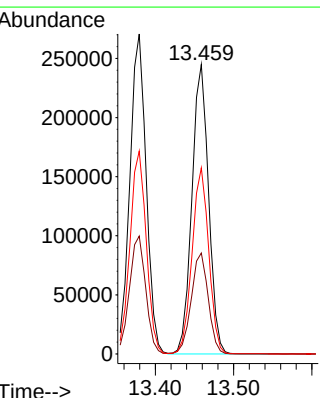
Tgt Ion:146 Resp: 361481

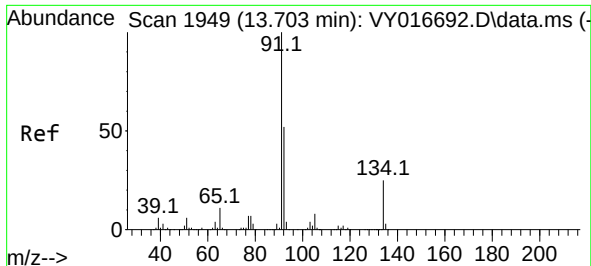
Ion Ratio Lower Upper

146 100

111 35.5 18.4 55.4

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 108.695 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

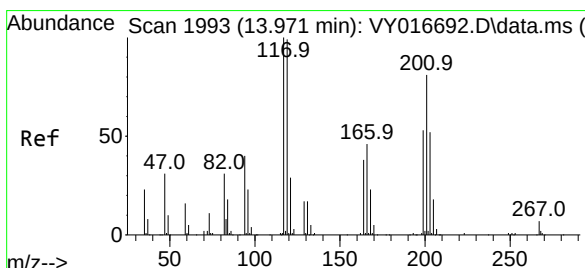
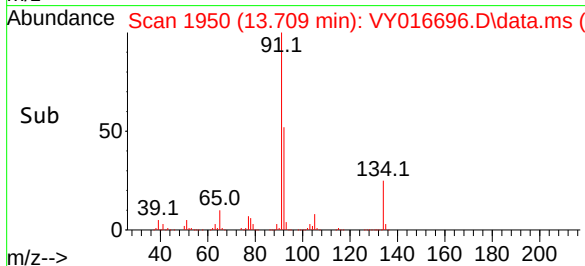
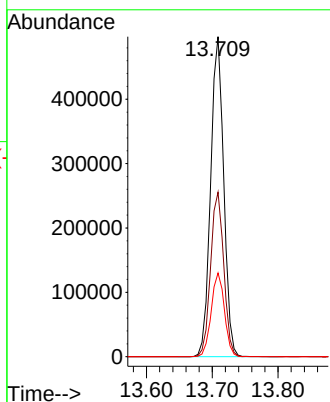
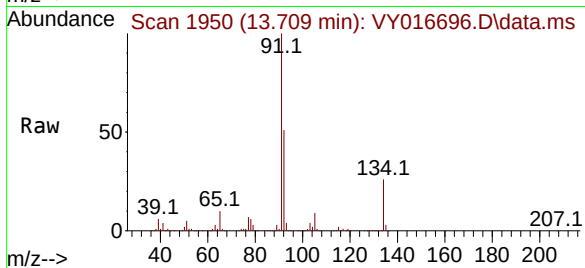
Tgt Ion: 91 Resp: 68838

Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.5	79.5
134	26.4	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#90

Hexachloroethane

Concen: 104.030 ug/l

RT: 13.971 min Scan# 1993

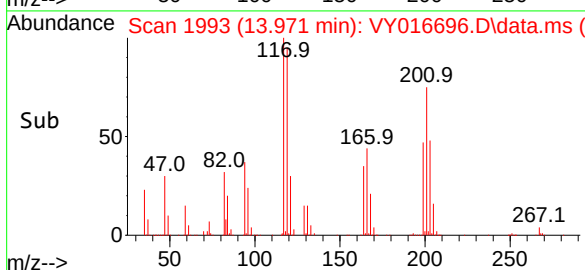
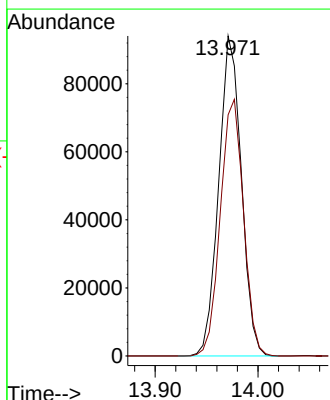
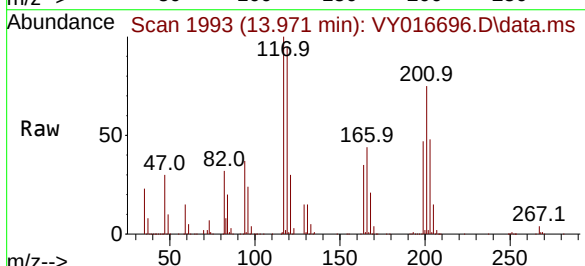
Delta R.T. 0.000 min

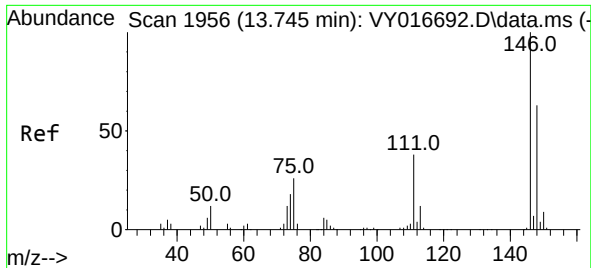
Lab File: VY016696.D

Acq: 19 Dec 2023 14:21

Tgt Ion:117 Resp: 143637

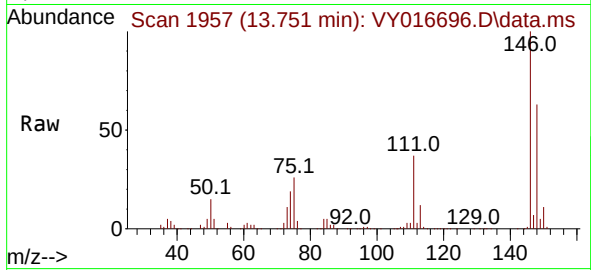
Ion	Ratio	Lower	Upper
117	100		
201	82.2	41.5	124.5





#91
1,2-Dichlorobenzene
Concen: 102.822 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

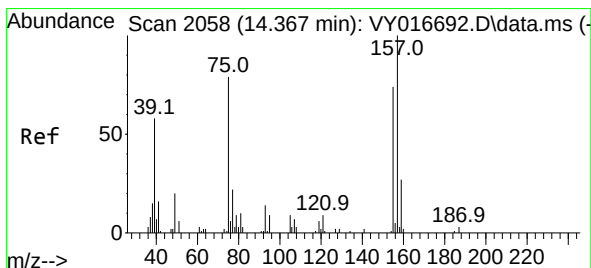
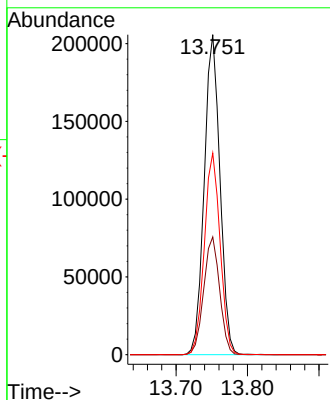
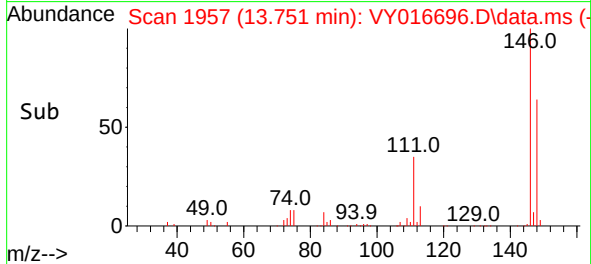
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



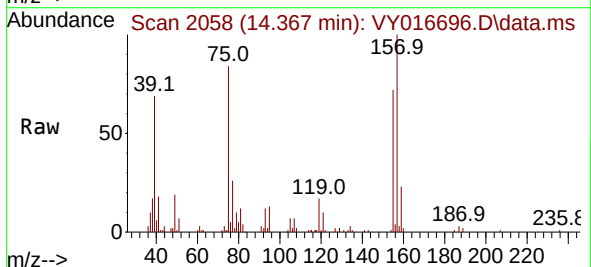
Tgt Ion:146 Resp: 314098
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 63.2 31.8 95.3

Manual Integrations
APPROVED

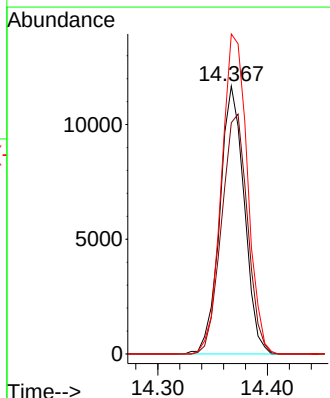
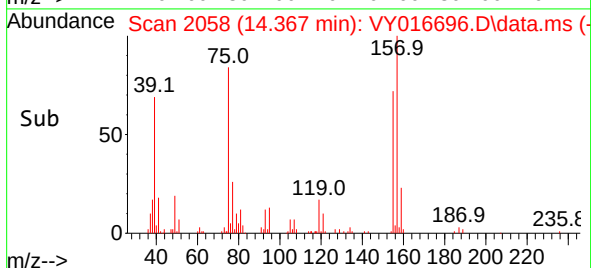
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

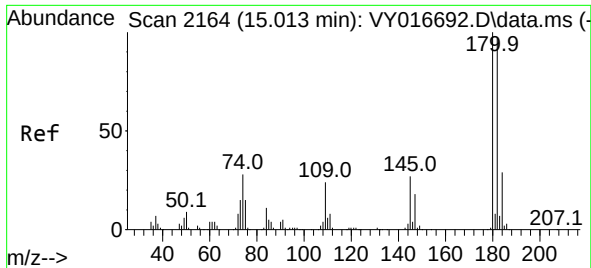


#92
1,2-Dibromo-3-Chloropropane
Concen: 94.844 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21



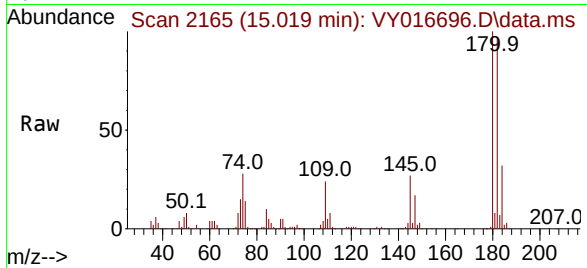
Tgt Ion: 75 Resp: 18032
Ion Ratio Lower Upper
75 100
155 95.0 49.4 148.2
157 126.7 64.4 193.2





#93
1,2,4-Trichlorobenzene
Concen: 106.032 ug/l
RT: 15.019 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

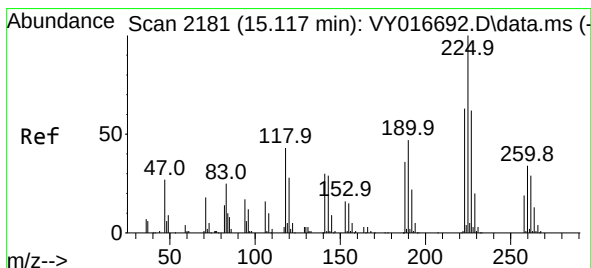
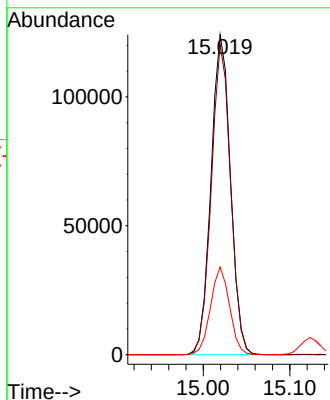
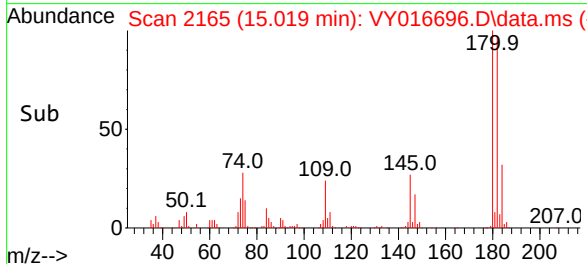
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 19361
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 26.8 14.8 44.4

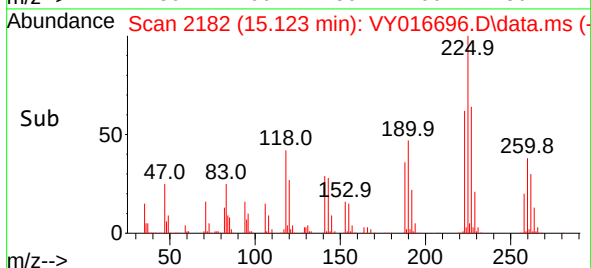
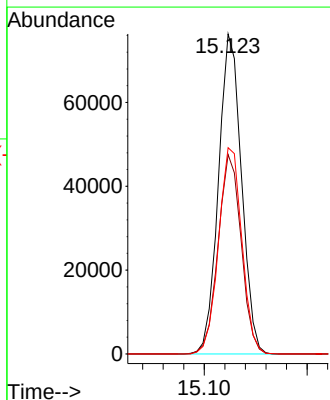
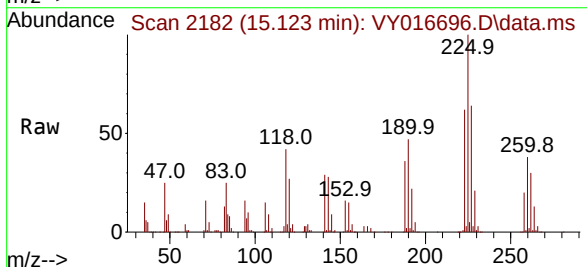
Manual Integrations
APPROVED

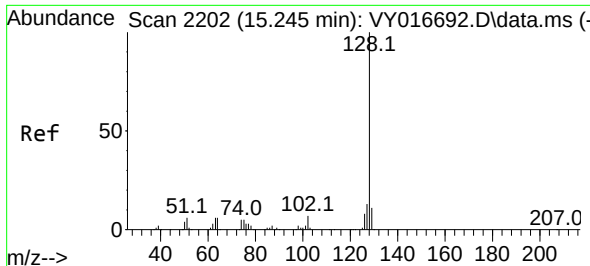
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#94
Hexachlorobutadiene
Concen: 102.503 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

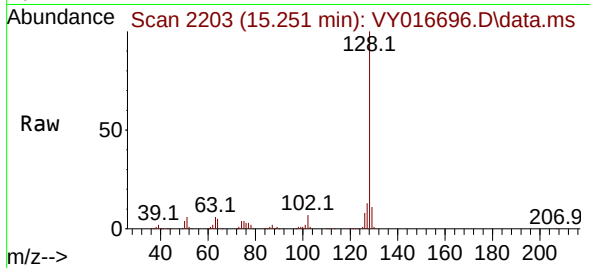
Tgt Ion:225 Resp: 118298
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.2
227 65.2 31.9 95.9





#95
Naphthalene
Concen: 108.396 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

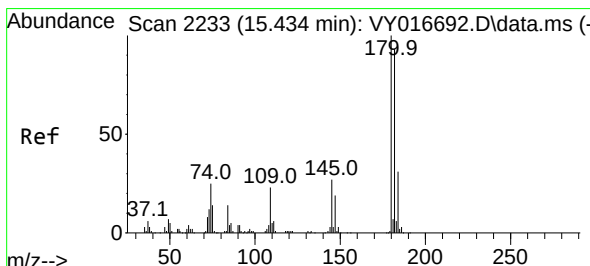
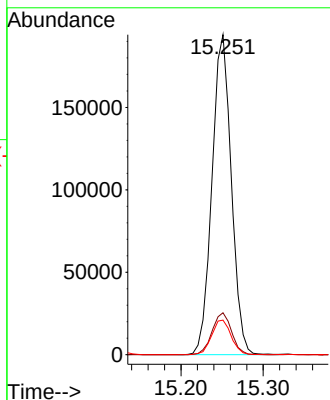
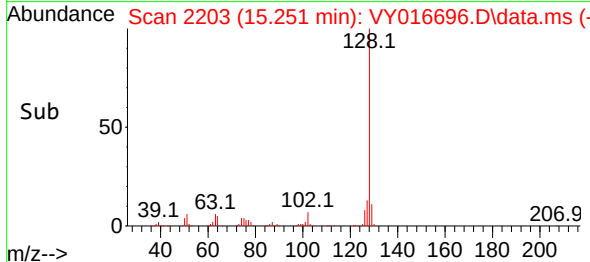
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 316840
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 104.132 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016696.D
Acq: 19 Dec 2023 14:21

Tgt Ion:180 Resp: 160825
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 28.1 15.5 46.5

