

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016153.D
 Acq On : 31 Oct 2023 17:59
 Operator : SY/MD
 Sample : 04699-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:40:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	166148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	116211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88254	56.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.728	113	81951	50.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.185	98	333109	51.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.489	95	112650	51.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4048	3.819	ug/l	94
3) Chloromethane	2.113	50	6486	4.420	ug/l	92
4) Vinyl Chloride	2.253	62	6432	4.247	ug/l	97
5) Bromomethane	2.656	94	4367	4.273	ug/l	95
6) Chloroethane	2.796	64	4432	4.157	ug/l #	85
7) Trichlorofluoromethane	3.125	101	8798	3.848	ug/l	93
8) Diethyl Ether	3.534	74	3406	4.495	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	5743	3.987	ug/l	94
10) Methyl Iodide	4.088	142	6896	4.305	ug/l	94
11) Tert butyl alcohol	4.960	59	4428	38.120	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	5419	4.122	ug/l	97
13) Acrolein	3.735	56	2687	17.366	ug/l	99
14) Allyl chloride	4.485	41	7654	4.070	ug/l #	92
15) Acrylonitrile	5.167	53	7413	22.892	ug/l	96
16) Acetone	3.960	43	10215	23.904	ug/l #	77
17) Carbon Disulfide	4.204	76	13115	3.996	ug/l	96
18) Methyl Acetate	4.479	43	5449	4.358	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	16053	4.293	ug/l	100
20) Methylene Chloride	4.729	84	14585	6.578	ug/l #	82
21) trans-1,2-Dichloroethene	5.228	96	6429	4.198	ug/l	92
22) Diisopropyl ether	6.125	45	18874	4.150	ug/l	90
23) Vinyl Acetate	6.070	43	45923	20.564	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	11591	4.258	ug/l	94
25) 2-Butanone	6.996	43	11048	25.757	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	10447	4.060	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	7824	4.341	ug/l	92
28) Bromochloromethane	7.338	49	4056	3.982	ug/l #	90
29) Tetrahydrofuran	7.350	42	5903	21.954	ug/l	92
30) Chloroform	7.508	83	12632	4.262	ug/l	95
31) Cyclohexane	7.789	56	11659	4.878	ug/l #	56
32) 1,1,1-Trichloroethane	7.710	97	10715	3.942	ug/l	95
36) 1,1-Dichloropropene	7.923	75	8769	3.728	ug/l	95
37) Ethyl Acetate	7.082	43	4814	4.595	ug/l	96
38) Carbon Tetrachloride	7.905	117	8373	3.593	ug/l #	92
39) Methylcyclohexane	9.191	83	10393	3.701	ug/l	99
40) Benzene	8.167	78	28392	4.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2399	3.945	ug/l #	93
42) 1,2-Dichloroethane	8.240	62	8126	4.312	ug/l	92
43) Isopropyl Acetate	8.277	43	8477	4.090	ug/l #	91
44) Trichloroethene	8.947	130	8113	4.105	ug/l	89
45) 1,2-Dichloropropane	9.216	63	6608	4.067	ug/l	98
46) Dibromomethane	9.313	93	3833	4.159	ug/l	98
47) Bromodichloromethane	9.502	83	9645	4.119	ug/l #	97
48) Methyl methacrylate	9.295	41	3614	3.835	ug/l #	87
49) 1,4-Dioxane	9.301	88	1499	23.353	ug/l #	33
51) 4-Methyl-2-Pentanone	10.075	43	22467	21.726	ug/l	90
52) Toluene	10.246	92	18591	4.248	ug/l	90
53) t-1,3-Dichloropropene	10.471	75	9475	4.053	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	11015	4.016	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	5635	4.347	ug/l	93
56) Ethyl methacrylate	10.514	69	6782	4.028	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	9041	4.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	17300	21.191	ug/l	92
59) 2-Hexanone	10.837	43	15136	21.360	ug/l	95
60) Dibromochloromethane	10.990	129	6812	4.189	ug/l	95
61) 1,2-Dibromoethane	11.099	107	5533	4.487	ug/l	95
64) Tetrachloroethene	10.727	164	8724	4.050	ug/l	97
65) Chlorobenzene	11.520	112	19766	4.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	7338	4.118	ug/l	97
67) Ethyl Benzene	11.599	91	33611	3.906	ug/l	99
68) m/p-Xylenes	11.709	106	24994	7.516	ug/l	100
69) o-Xylene	12.038	106	12444	3.919	ug/l	95
70) Styrene	12.050	104	20333	3.852	ug/l	96
71) Bromoform	12.215	173	3884	3.929	ug/l #	97
73) Isopropylbenzene	12.337	105	32122	3.685	ug/l	98
74) N-amyl acetate	12.148	43	7314	3.861	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	5758	4.151	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	7811	7.137	ug/l #	100
77) Bromobenzene	12.611	156	8064	4.085	ug/l	92
78) n-propylbenzene	12.678	91	39006	3.785	ug/l	97
79) 2-Chlorotoluene	12.764	91	22378	3.893	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	26958	3.817	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	2064	4.089	ug/l	94
82) 4-Chlorotoluene	12.861	91	23342	3.955	ug/l	97
83) tert-Butylbenzene	13.081	119	24922	3.944	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	27813	3.980	ug/l	99
85) sec-Butylbenzene	13.257	105	35251	3.801	ug/l	99
86) p-Isopropyltoluene	13.373	119	29132	3.790	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	15984	4.094	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	16156	4.187	ug/l	94
89) n-Butylbenzene	13.703	91	27929	3.954	ug/l	98
90) Hexachloroethane	13.965	117	4842	3.655	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	14220	4.216	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1416	5.704	ug/l	82
93) 1,2,4-Trichlorobenzene	15.013	180	9083	4.363	ug/l	97
94) Hexachlorobutadiene	15.117	225	5122	4.502	ug/l	98
95) Naphthalene	15.245	128	18290	4.522	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	7915	4.451	ug/l	98

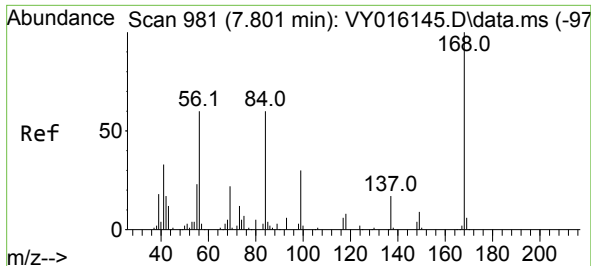
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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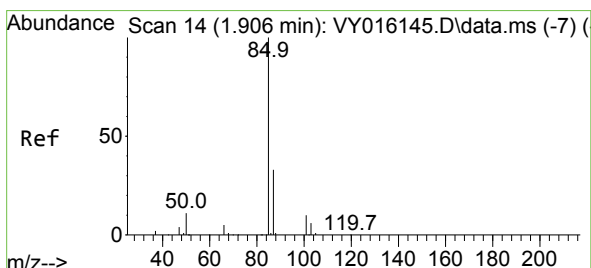
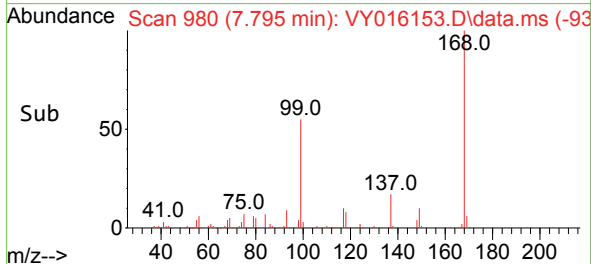
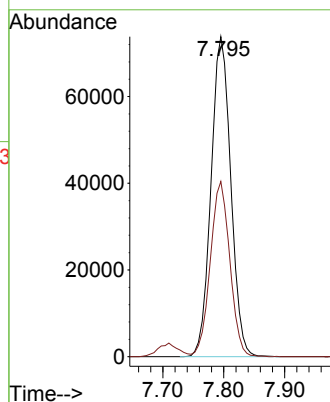
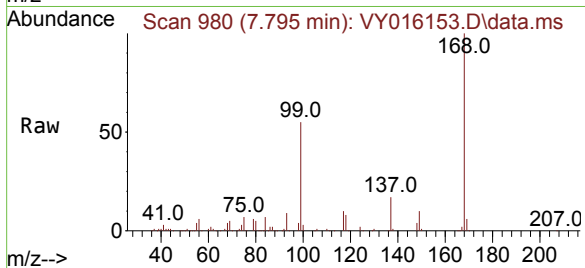
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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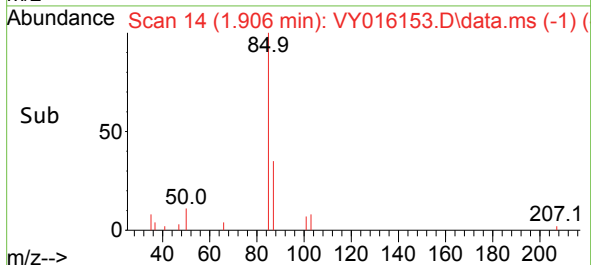
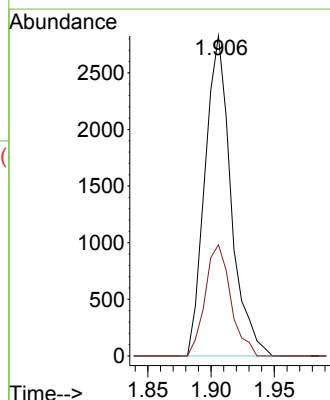
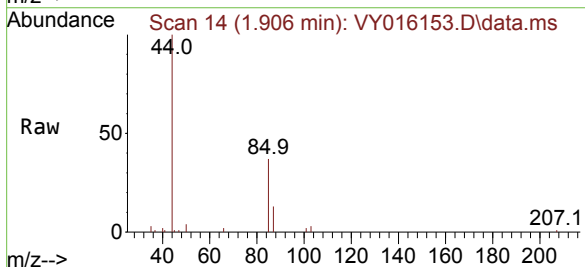
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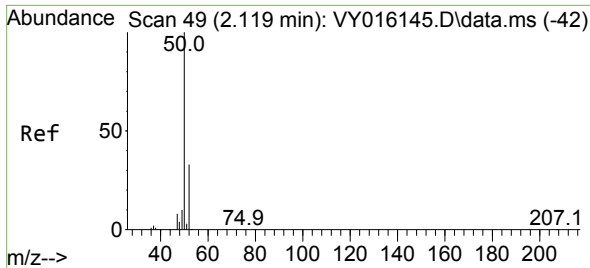
Tgt Ion:168 Resp: 166148
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 3.819 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 85 Resp: 4048
Ion Ratio Lower Upper
85 100
87 34.7 15.6 46.8

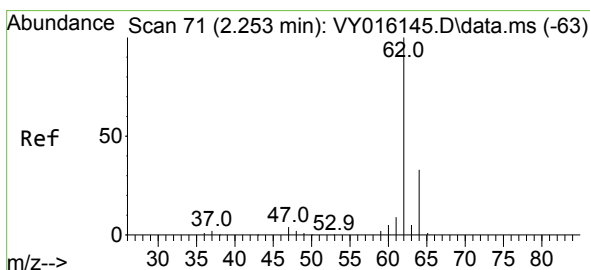
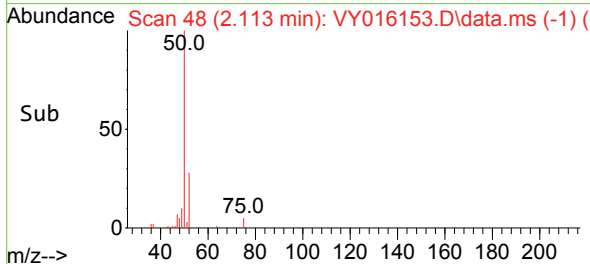
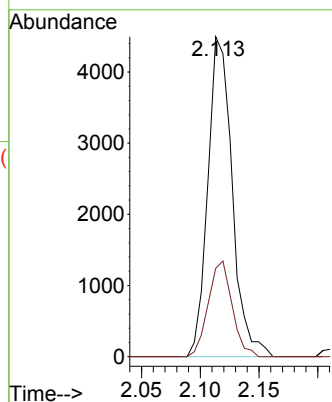
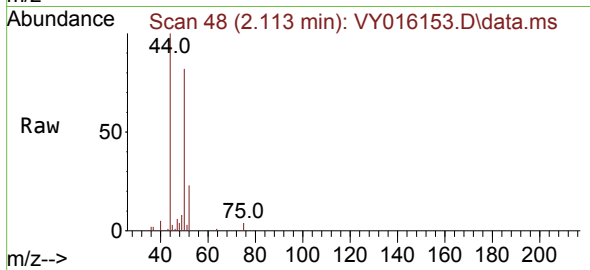




#3
Chloromethane
Concen: 4.420 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

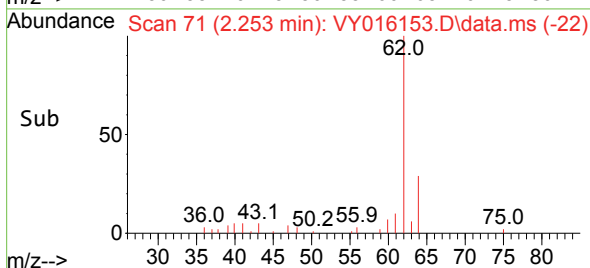
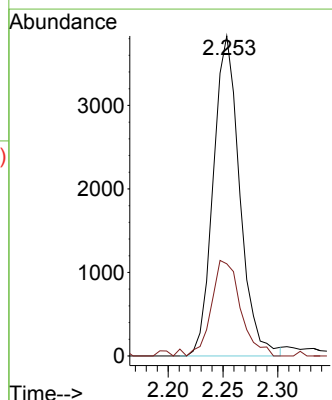
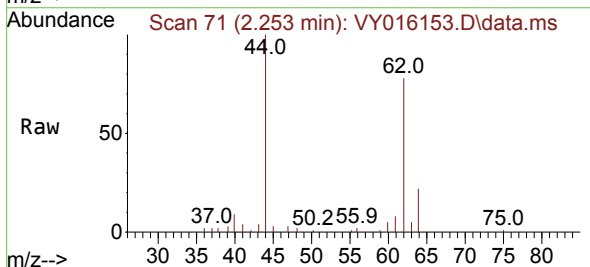
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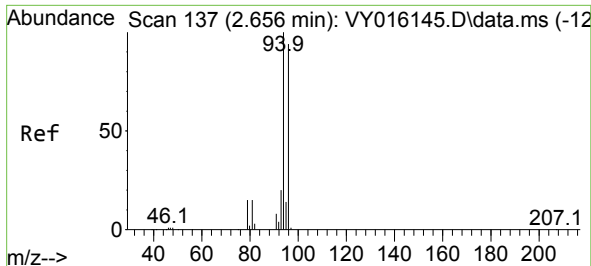
Tgt Ion: 50 Resp: 6486
Ion Ratio Lower Upper
50 100
52 27.6 25.4 38.2



#4
Vinyl Chloride
Concen: 4.247 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 62 Resp: 6432
Ion Ratio Lower Upper
62 100
64 28.8 24.3 36.5

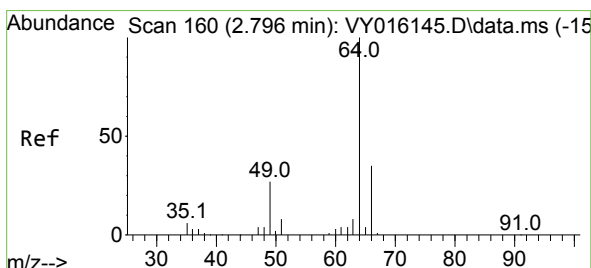
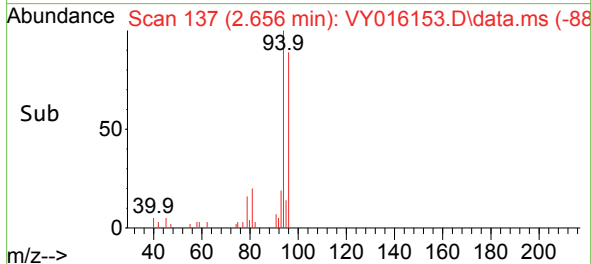
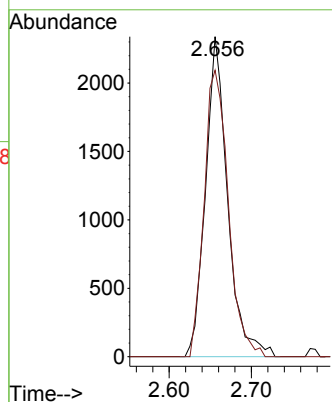
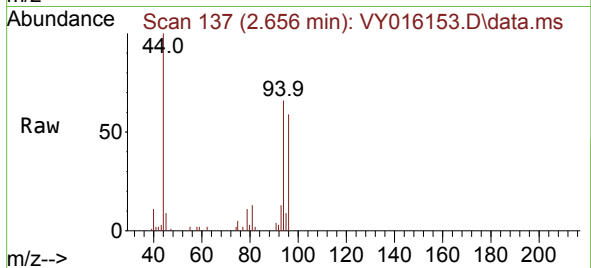




#5
Bromomethane
Concen: 4.273 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

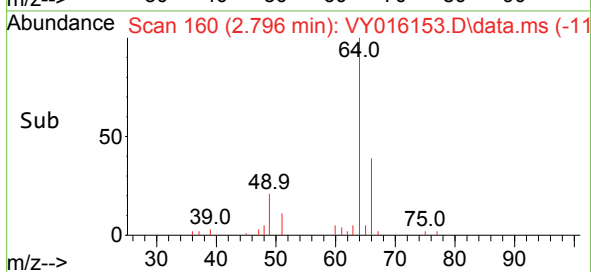
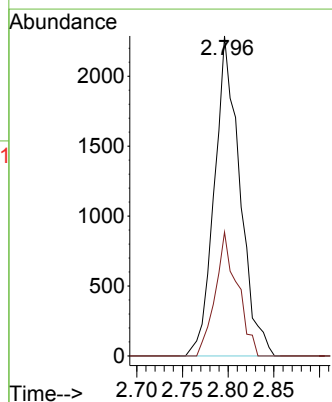
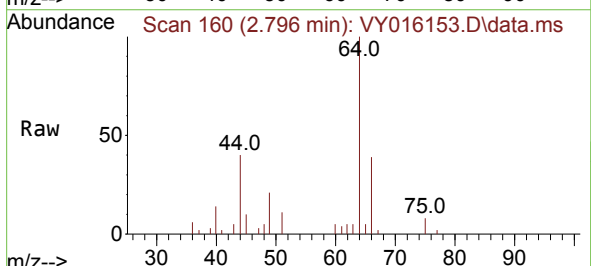
Instrument :
MSVOA_Y
ClientSampleId :

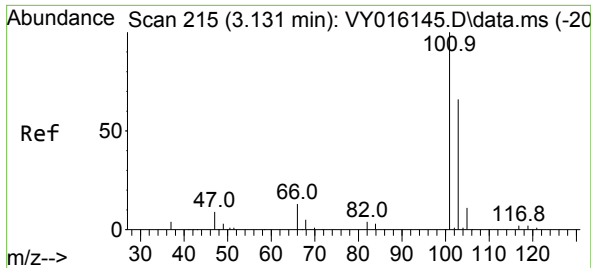
Tgt Ion: 94 Resp: 4367
Ion Ratio Lower Upper
94 100
96 89.5 75.8 113.6



#6
Chloroethane
Concen: 4.157 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 64 Resp: 4432
Ion Ratio Lower Upper
64 100
66 38.7 24.4 36.6#





#7

Trichlorofluoromethane

Concen: 3.848 ug/l

RT: 3.125 min Scan# 215

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

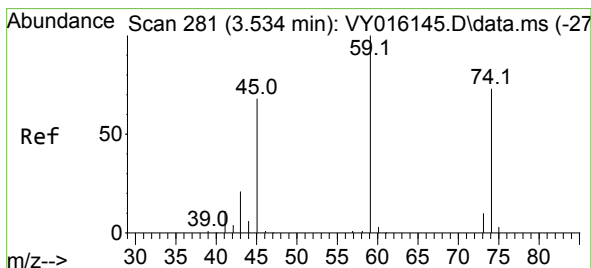
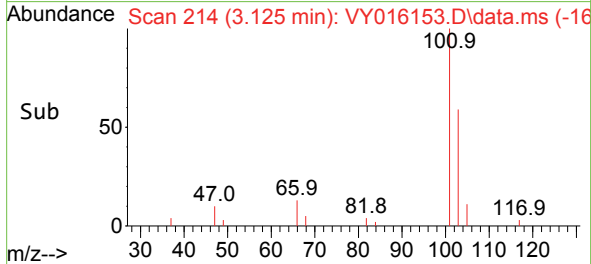
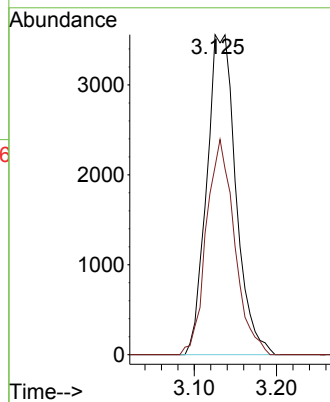
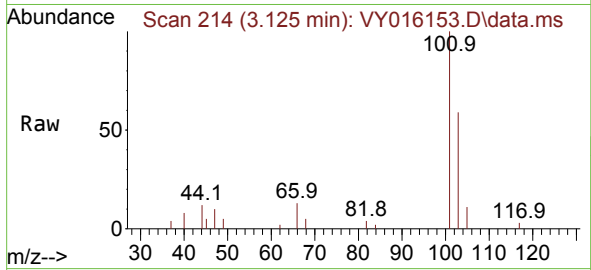
ClientSampleId :

Tgt Ion:101 Resp: 8798

Ion Ratio Lower Upper

101 100

103 58.8 51.4 77.0



#8

Diethyl Ether

Concen: 4.495 ug/l

RT: 3.534 min Scan# 281

Delta R.T. -0.000 min

Lab File: VY016153.D

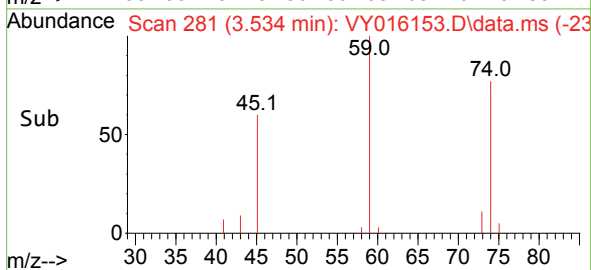
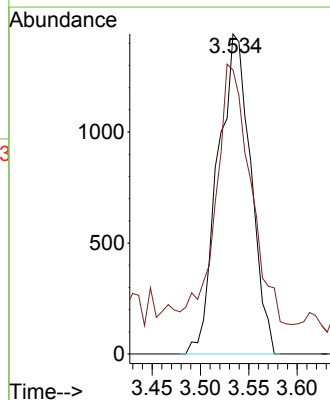
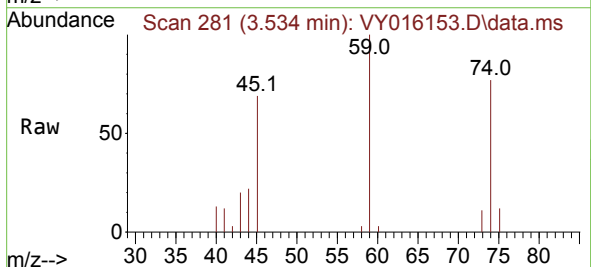
Acq: 31 Oct 2023 17:59

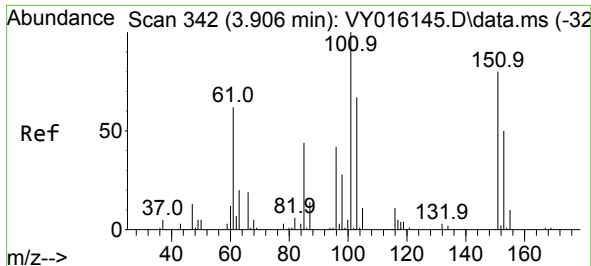
Tgt Ion: 74 Resp: 3406

Ion Ratio Lower Upper

74 100

45 85.4 51.5 154.5

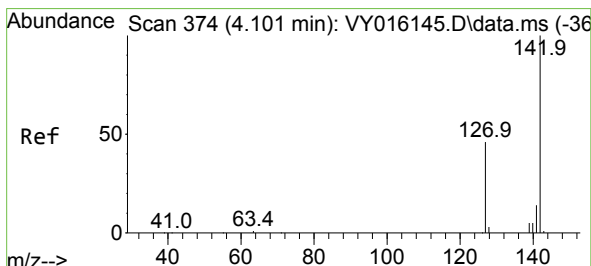
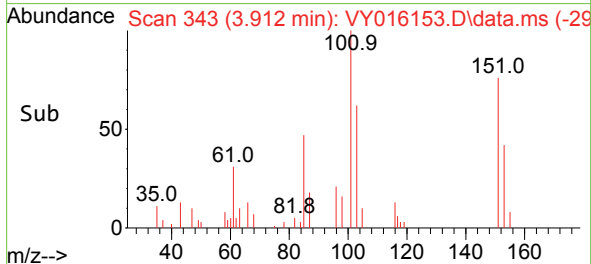
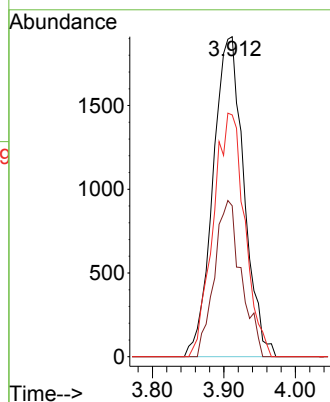
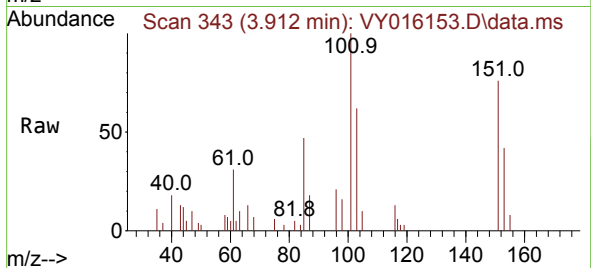




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.987 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
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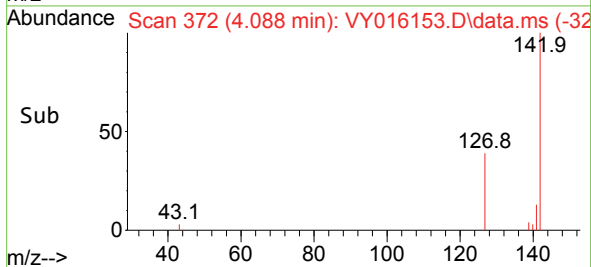
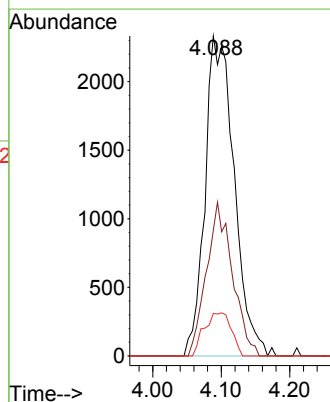
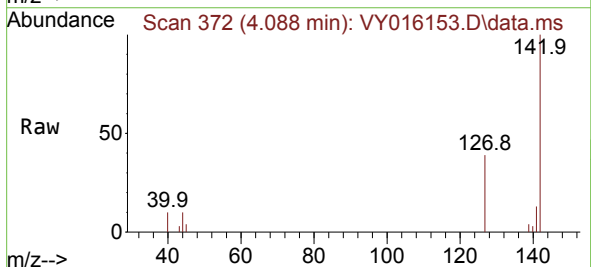
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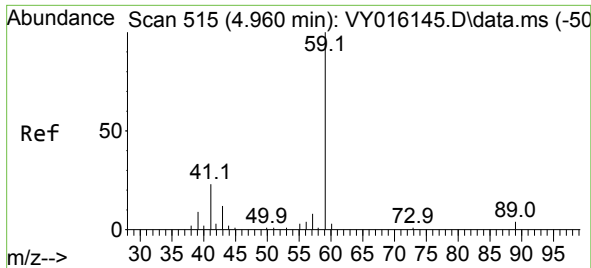
Tgt Ion:101 Resp: 5743
Ion Ratio Lower Upper
101 100
85 42.2 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 4.305 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion:142 Resp: 6896
Ion Ratio Lower Upper
142 100
127 42.9 37.6 56.4
141 12.5 11.8 17.8

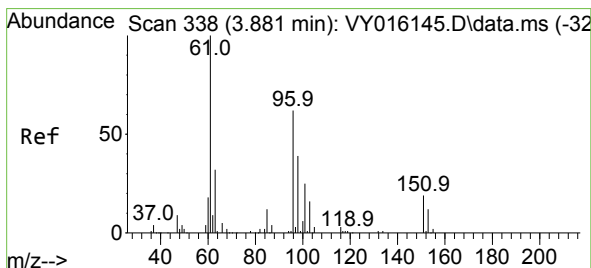
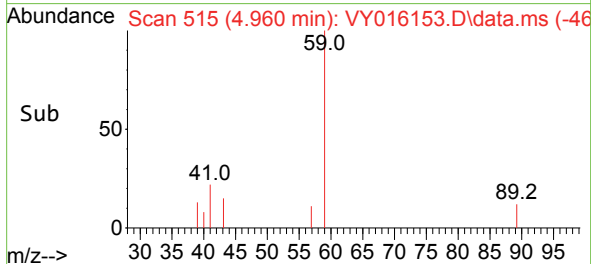
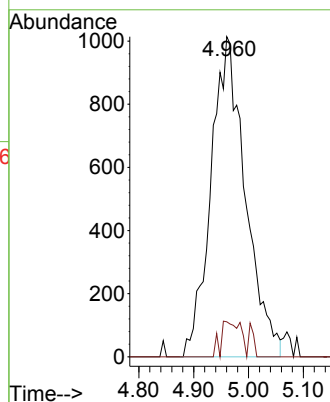
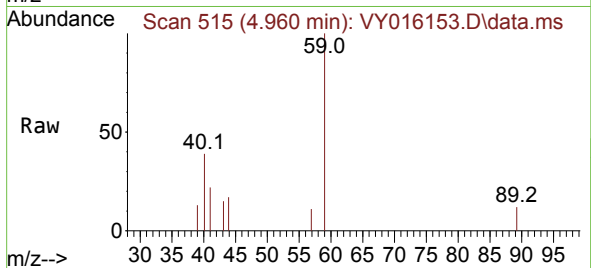




#11
Tert butyl alcohol
Concen: 38.120 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

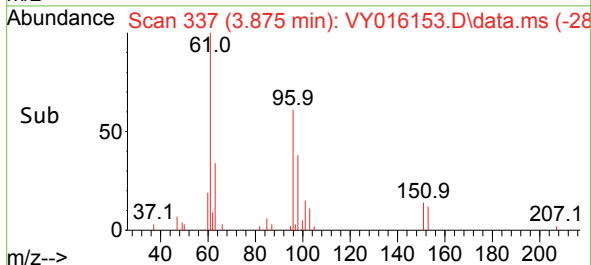
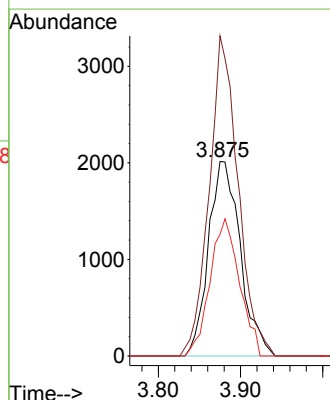
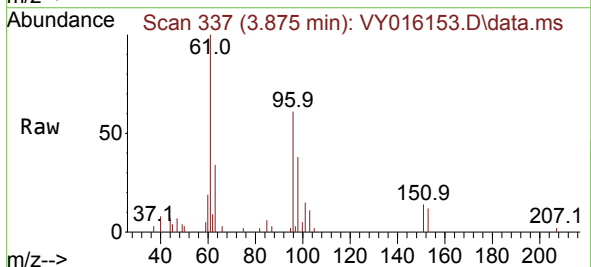
Instrument :
MSVOA_Y
ClientSampleId :

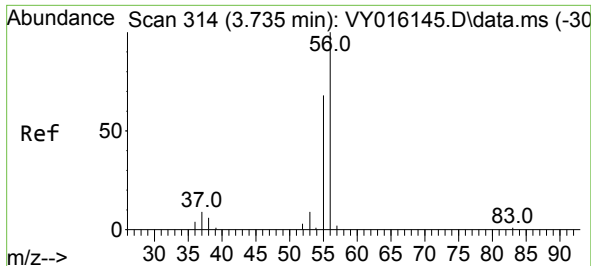
Tgt Ion: 59 Resp: 4428
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 4.122 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 96 Resp: 5419
Ion Ratio Lower Upper
96 100
61 164.5 136.4 204.6
98 62.5 49.4 74.2

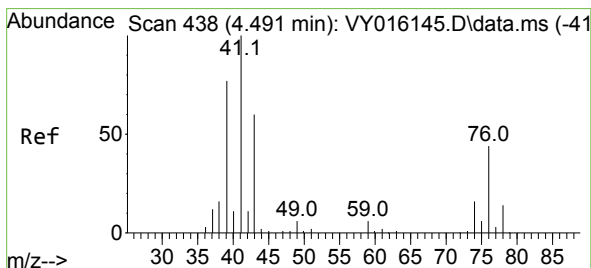
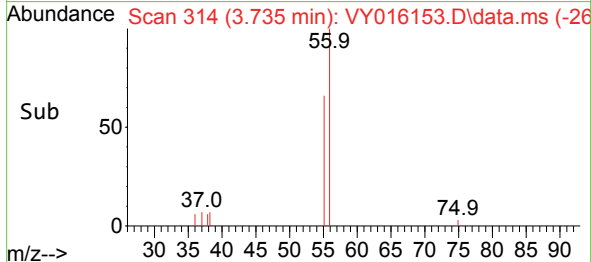
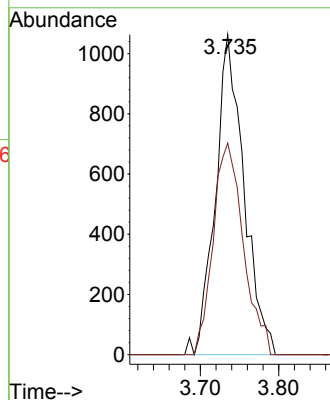
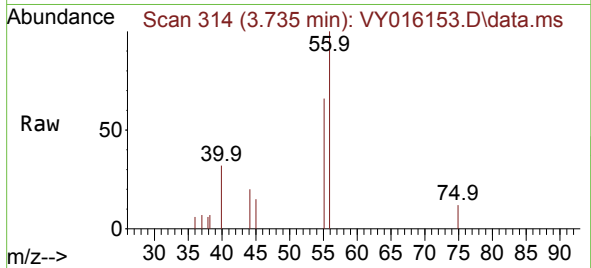




#13
Acrolein
Concen: 17.366 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

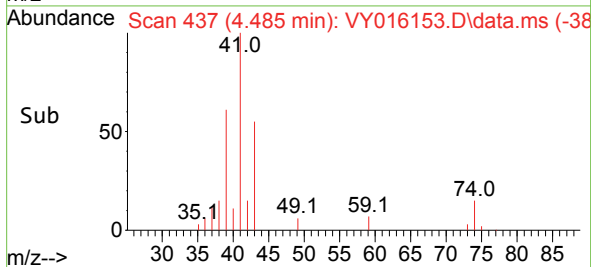
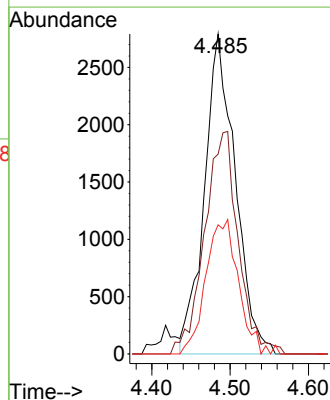
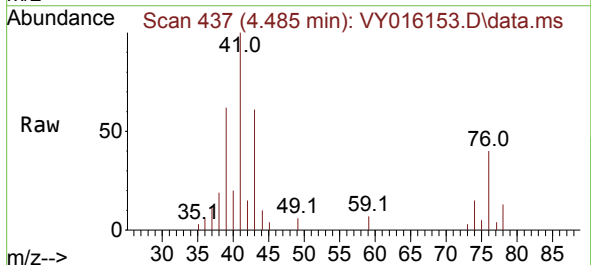
Instrument :
MSVOA_Y
ClientSampleId :

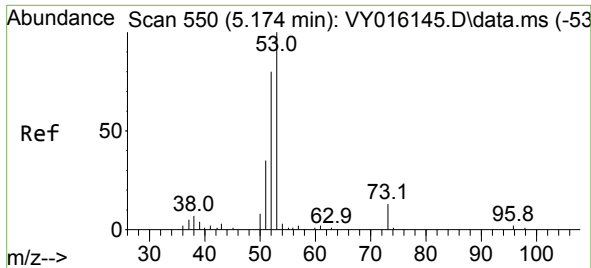
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.4



#14
Allyl chloride
Concen: 4.070 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

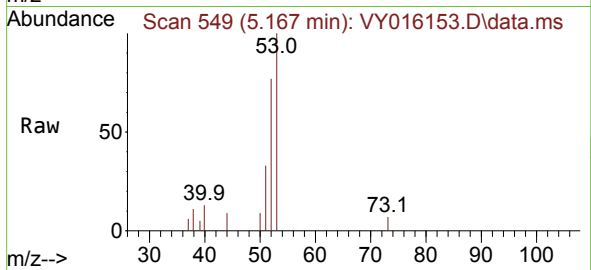
Tgt Ion: 41 Resp: 7654
Ion Ratio Lower Upper
41 100
39 75.8 58.0 87.0
76 44.3 27.4 41.2#



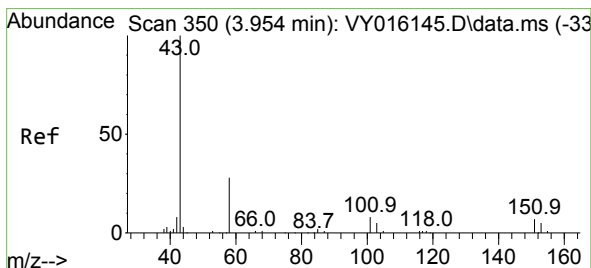
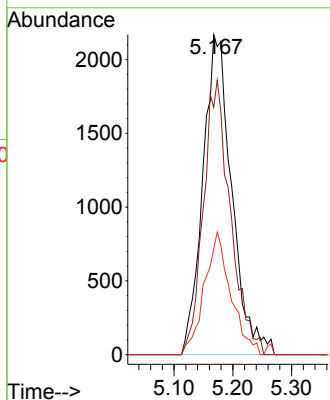
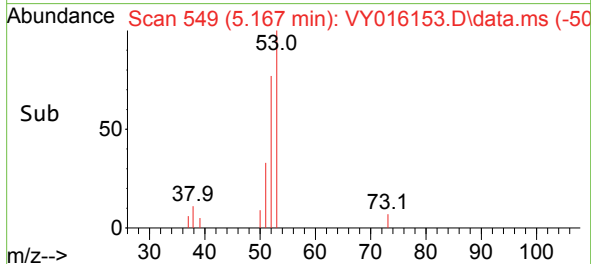


#15
Acrylonitrile
Concen: 22.892 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

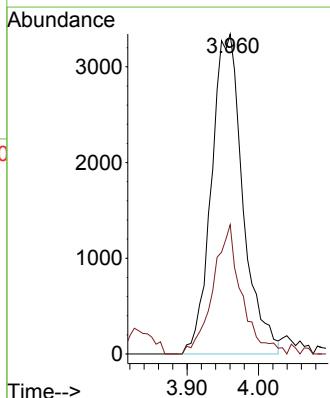
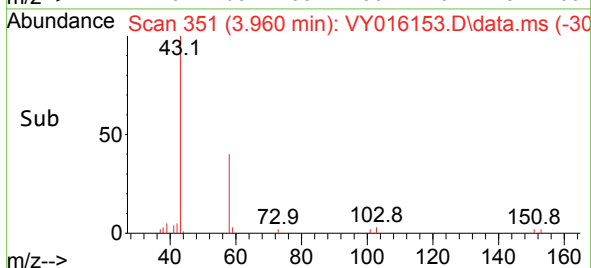
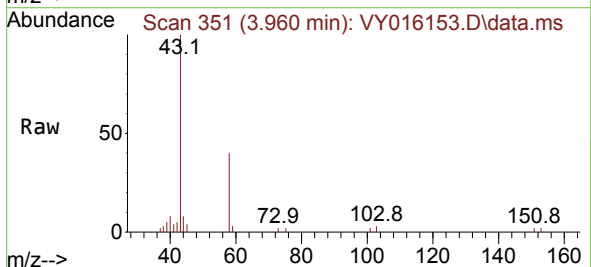


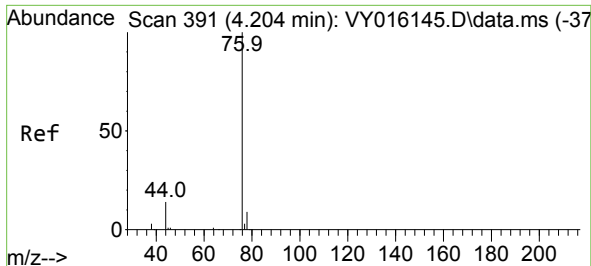
Tgt Ion: 53	Resp: 7413
Ion Ratio	Lower Upper
53 100	
52 80.1	66.9 100.3
51 35.0	29.8 44.6



#16
Acetone
Concen: 23.904 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 43	Resp: 10215		
Ion Ratio	Lower	Upper	
43 100			
58 40.4	22.7	34.1#	

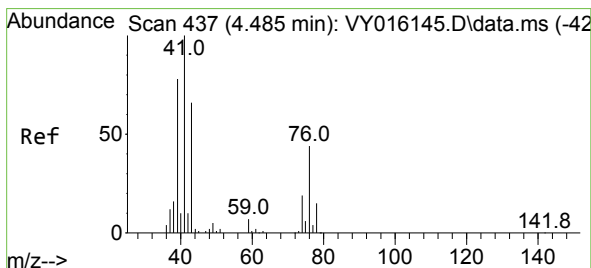
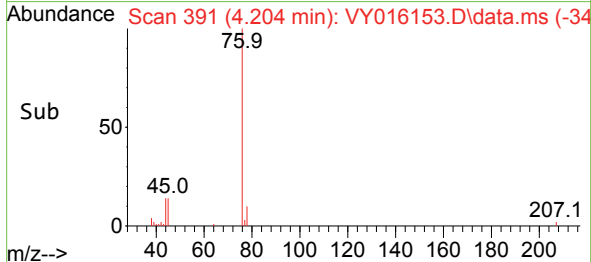
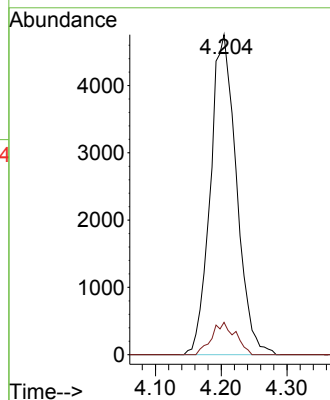
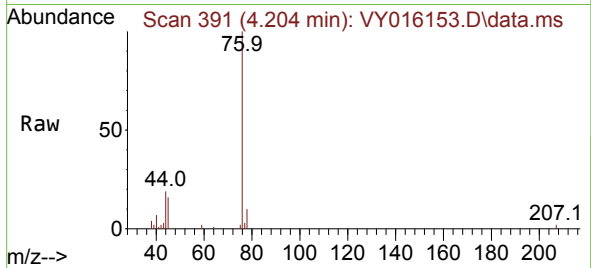




#17
Carbon Disulfide
Concen: 3.996 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

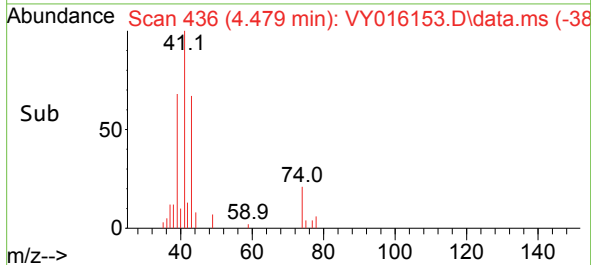
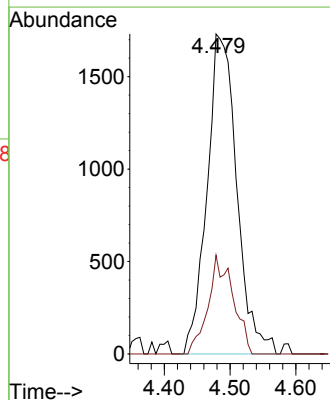
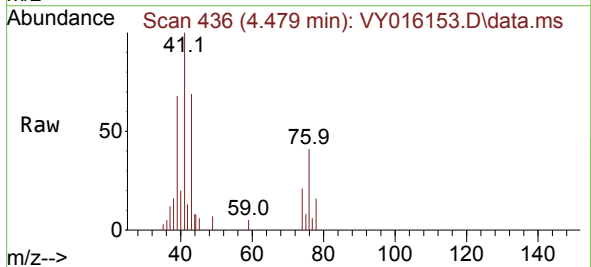
Instrument :
MSVOA_Y
ClientSampleId :

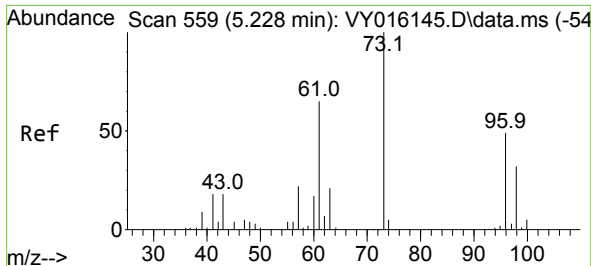
Tgt Ion: 76 Resp: 13115
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4



#18
Methyl Acetate
Concen: 4.358 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0

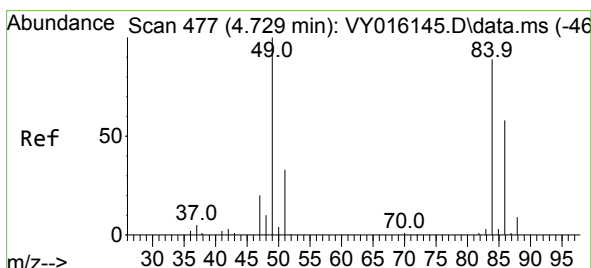
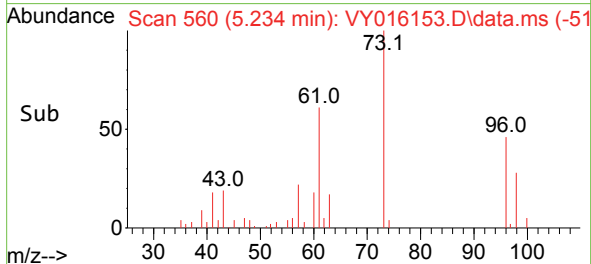
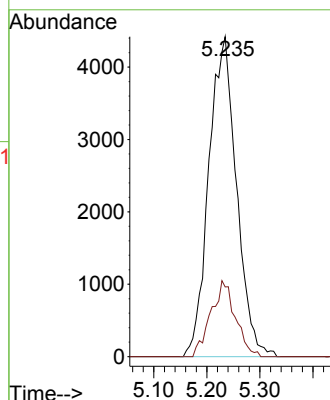
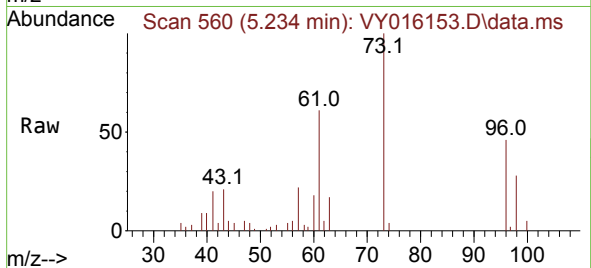




#19
Methyl tert-butyl Ether
Concen: 4.293 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

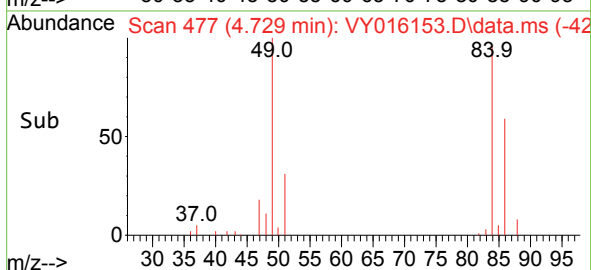
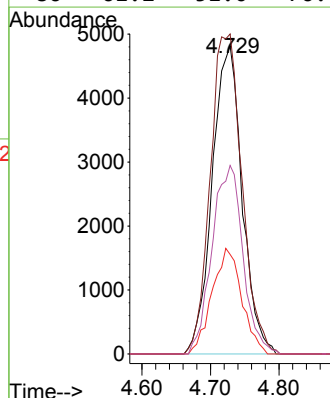
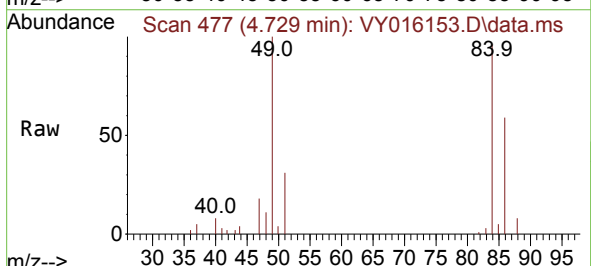
Instrument :
MSVOA_Y
ClientSampleId :

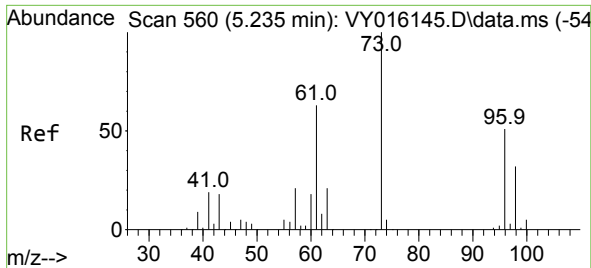
Tgt Ion: 73 Resp: 16053
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 6.578 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 84 Resp: 14585
Ion Ratio Lower Upper
84 100
49 103.8 106.9 160.3#
51 32.3 33.2 49.8#
86 61.2 51.0 76.6

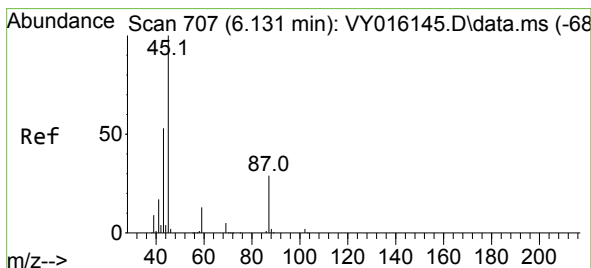
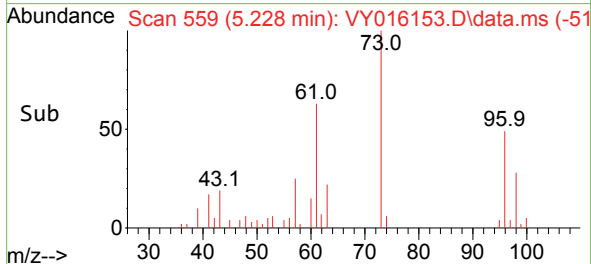
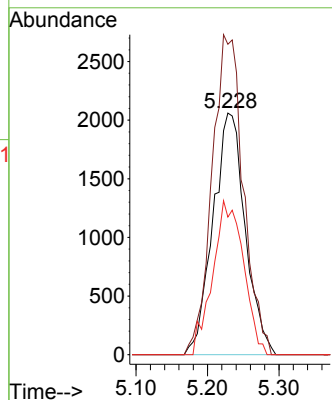
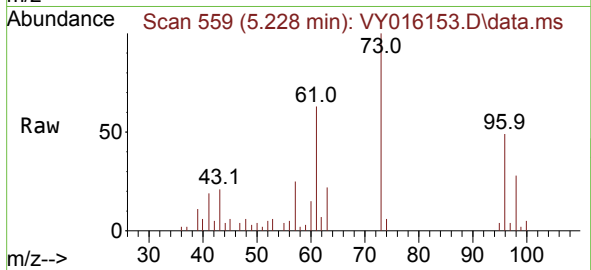




#21
trans-1,2-Dichloroethene
Concen: 4.198 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

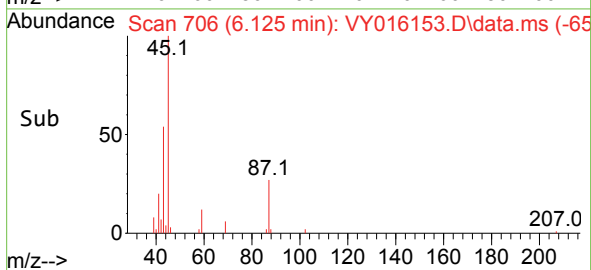
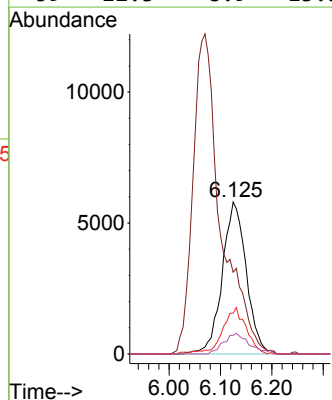
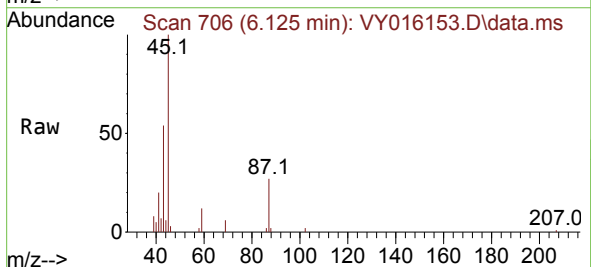
Instrument :
MSVOA_Y
ClientSampleId :

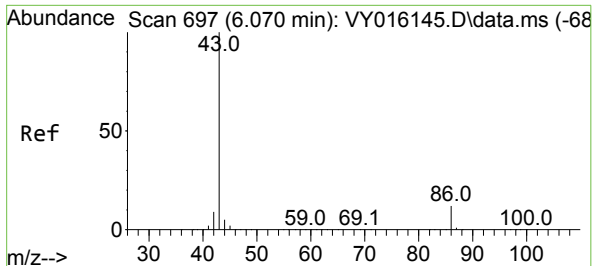
Tgt Ion: 96 Resp: 6429
Ion Ratio Lower Upper
96 100
61 128.4 110.2 165.4
98 57.0 51.8 77.6



#22
Diisopropyl ether
Concen: 4.150 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 45 Resp: 18874
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 26.9 21.0 31.6
59 12.3 8.9 13.3

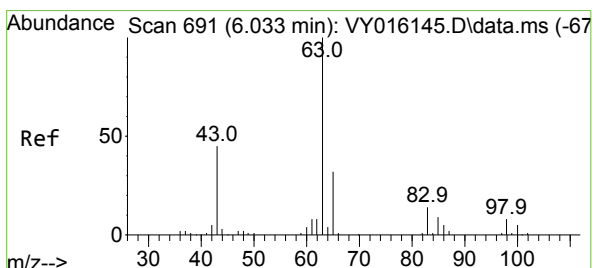
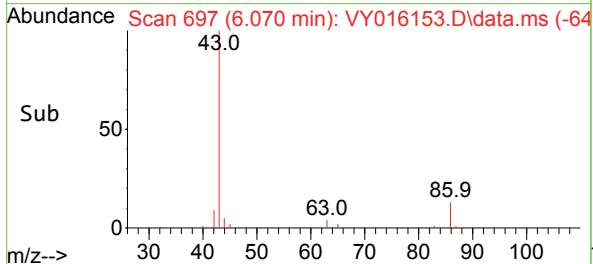
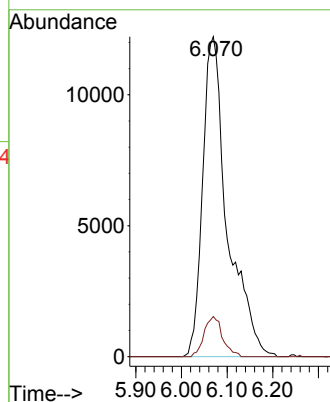
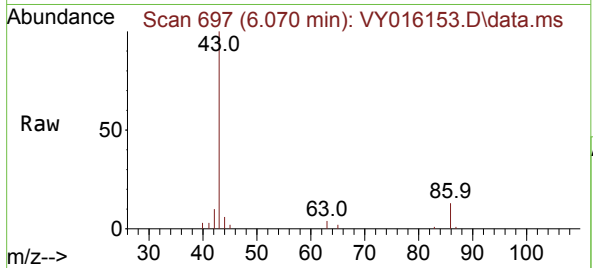




#23
 Vinyl Acetate
 Concen: 20.564 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

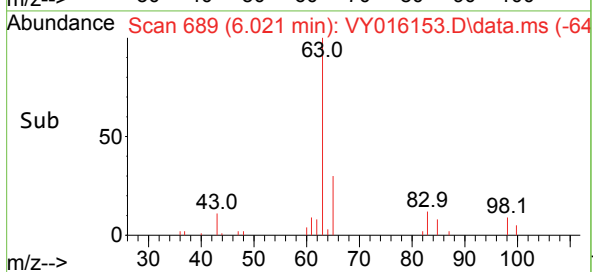
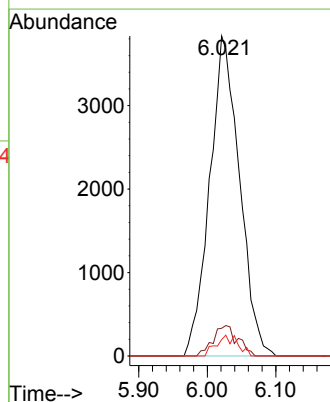
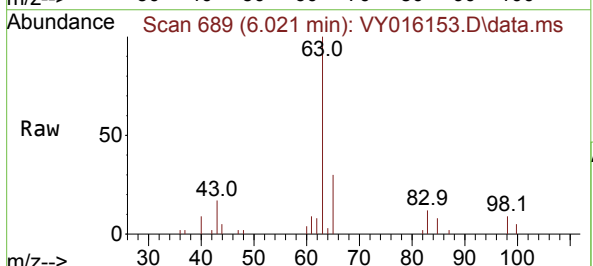
Instrument :
 MSVOA_Y
 ClientSampleId :

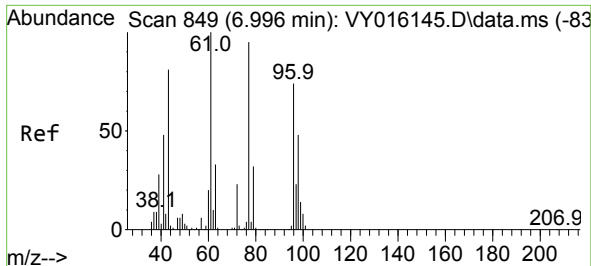
Tgt Ion: 43 Resp: 45923
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 4.258 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

Tgt Ion: 63 Resp: 11591
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.1 9.4
 100 5.1 1.8 5.5

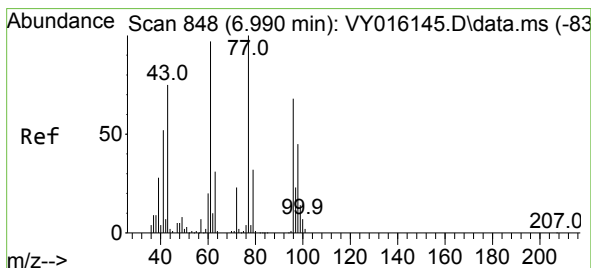
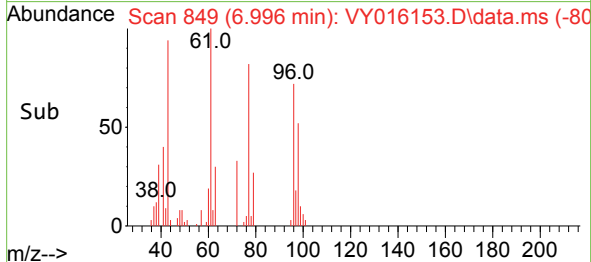
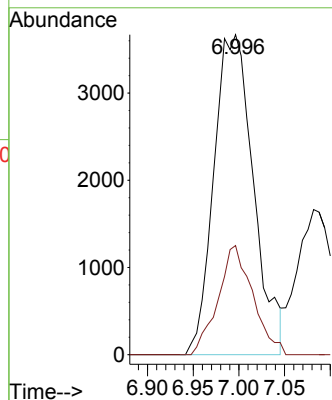
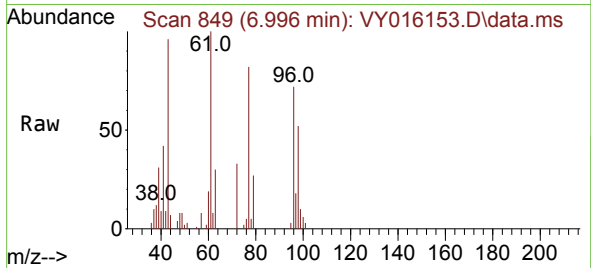




#25
2-Butanone
Concen: 25.757 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

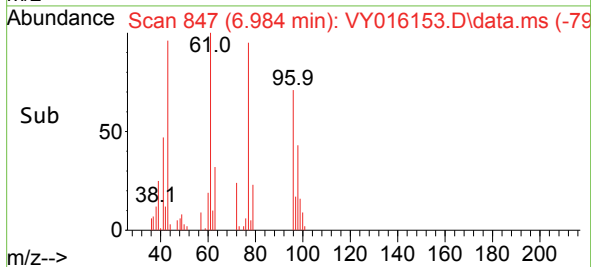
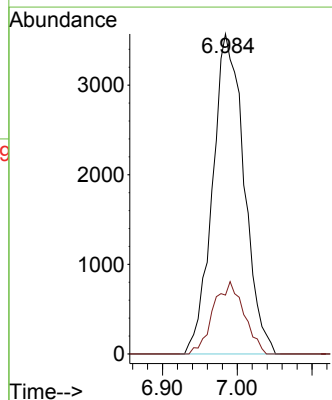
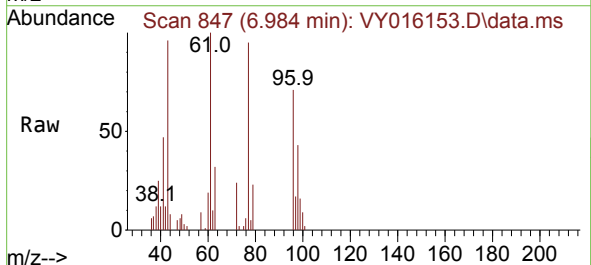
Instrument :
MSVOA_Y
ClientSampleId :

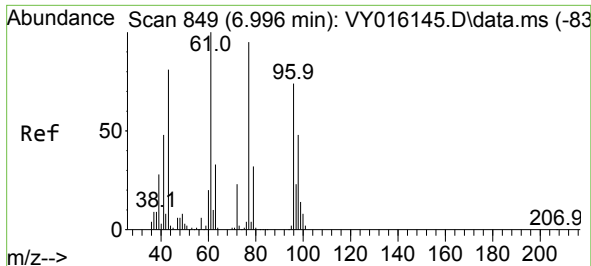
Tgt Ion: 43 Resp: 11048
Ion Ratio Lower Upper
43 100
72 34.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 4.060 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

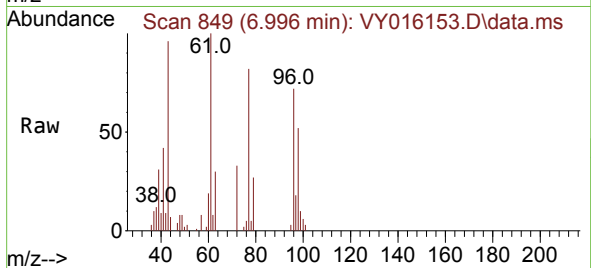
Tgt Ion: 77 Resp: 10447
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





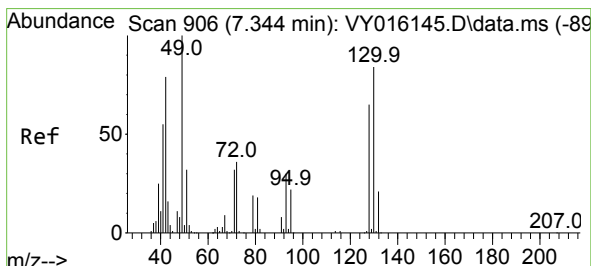
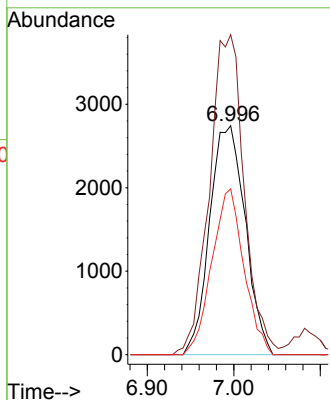
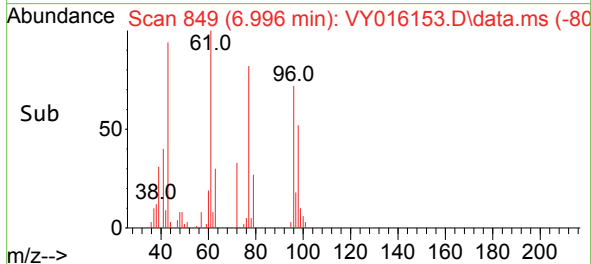
#27
 cis-1,2-Dichloroethene
 Concen: 4.341 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :

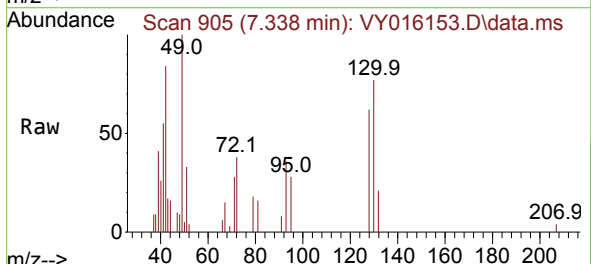


Tgt Ion: 96 Resp: 7824

Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	301.4
98	65.3	0.0	130.4

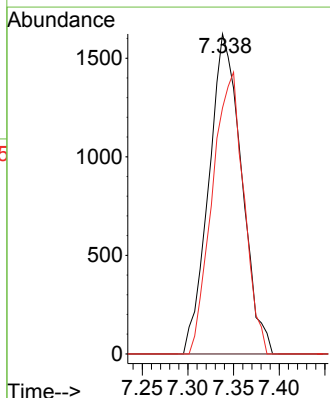
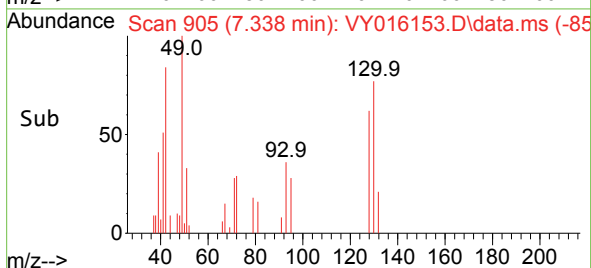


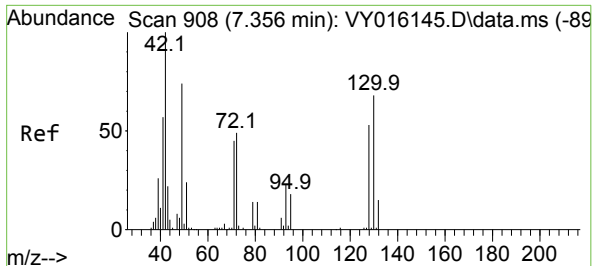
#28
 Bromochloromethane
 Concen: 3.982 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59



Tgt Ion: 49 Resp: 4056

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	84.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 21.954 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

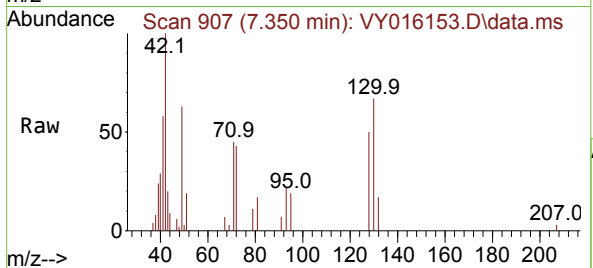
Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :



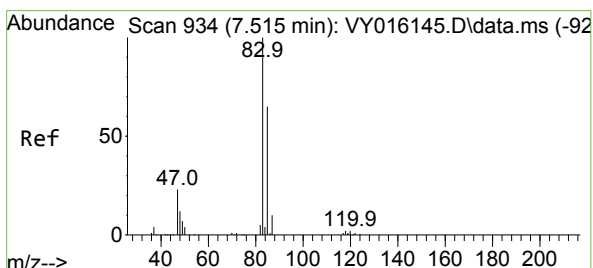
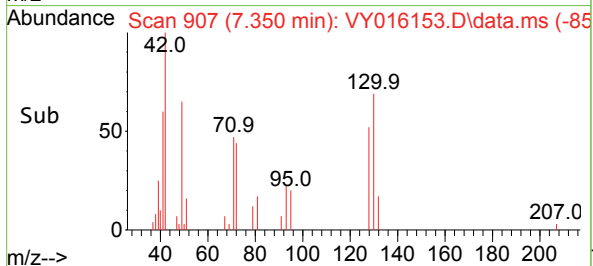
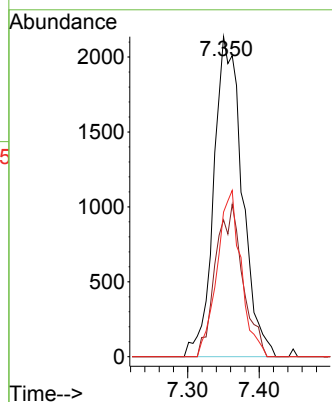
Tgt Ion: 42 Resp: 5903

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 43.9 31.0 46.4



#30

Chloroform

Concen: 4.262 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016153.D

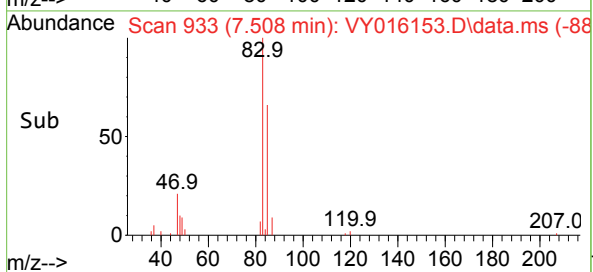
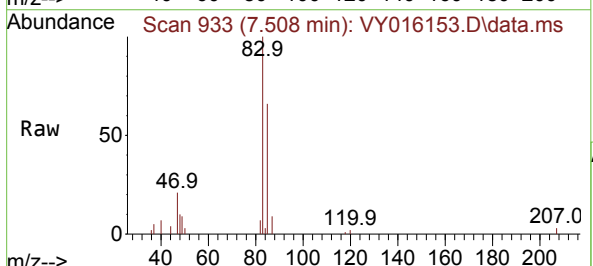
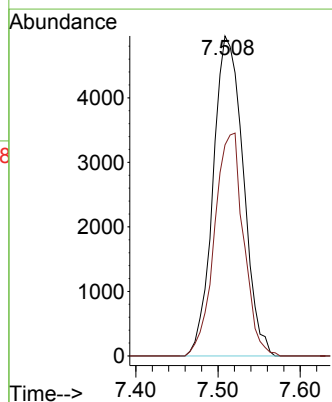
Acq: 31 Oct 2023 17:59

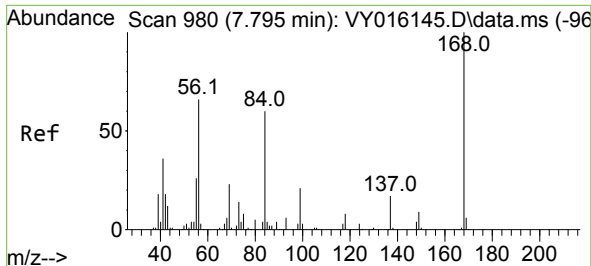
Tgt Ion: 83 Resp: 12632

Ion Ratio Lower Upper

83 100

85 66.0 49.7 74.5

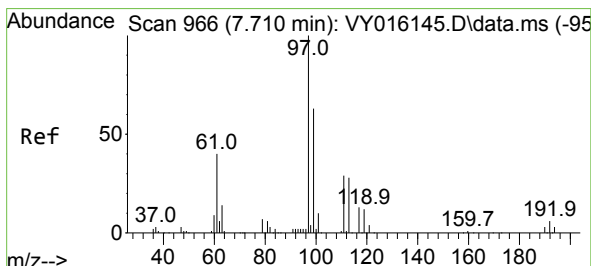
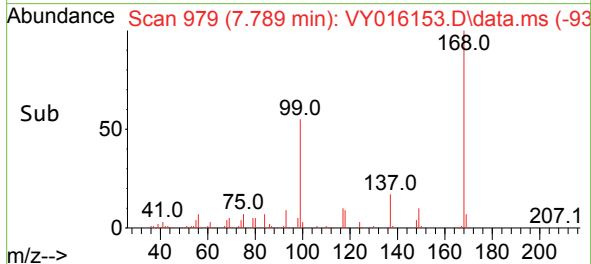
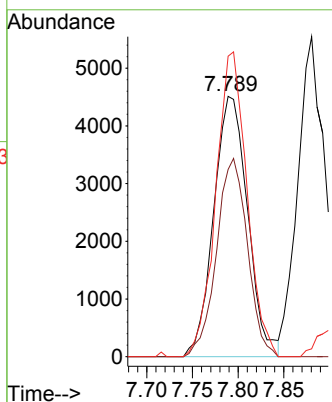
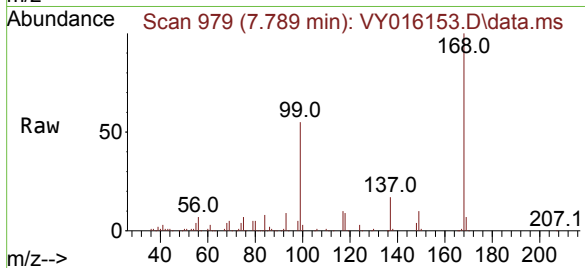




#31
Cyclohexane
Concen: 4.878 ug/l
RT: 7.789 min Scan# 915
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

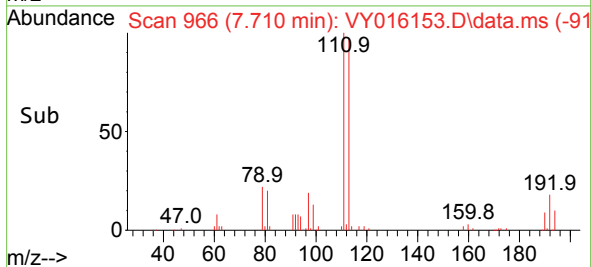
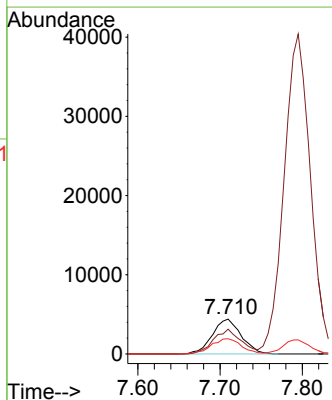
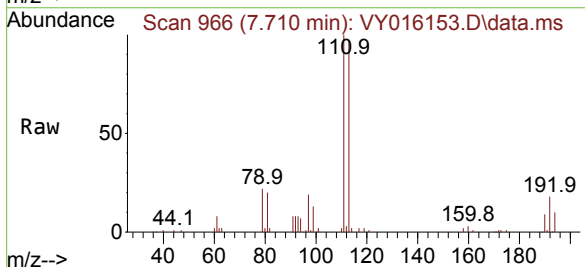
Instrument :
MSVOA_Y
ClientSampleId :

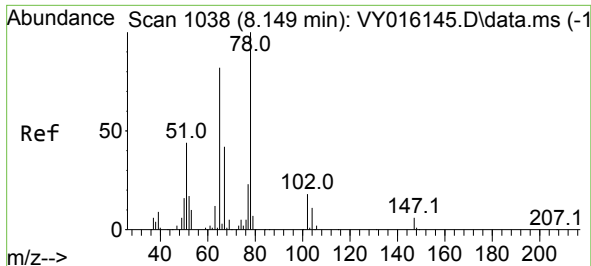
Tgt Ion: 56 Resp: 11659
Ion Ratio Lower Upper
56 100
69 71.9 27.8 41.6#
84 115.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 3.942 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 97 Resp: 10715
Ion Ratio Lower Upper
97 100
99 68.3 50.8 76.2
61 45.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.766 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

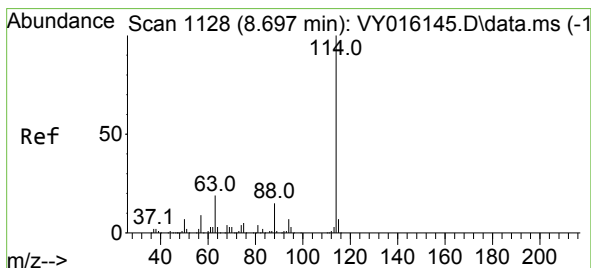
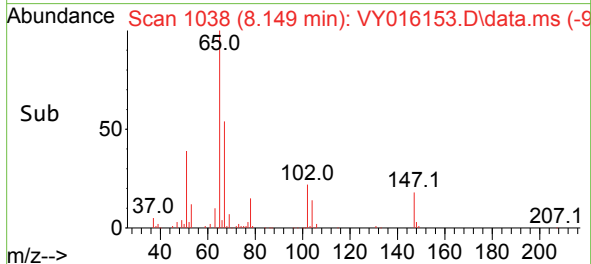
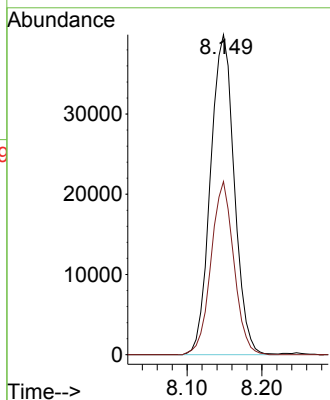
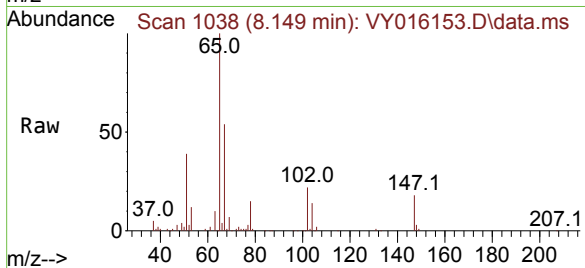
ClientSampleId :

Tgt Ion: 65 Resp: 88254

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

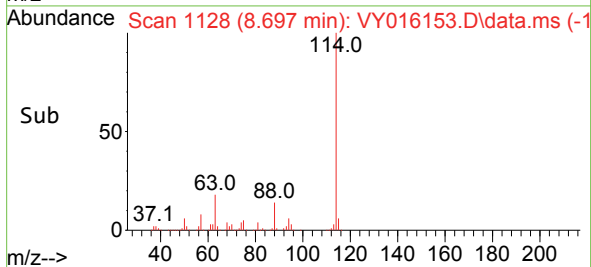
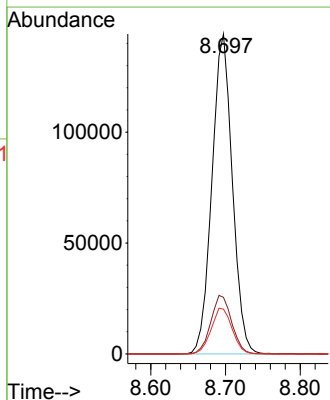
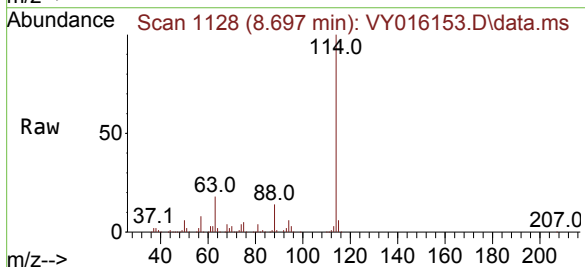
Tgt Ion:114 Resp: 273252

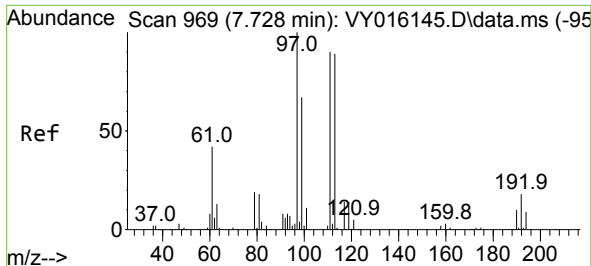
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 14.0 0.0 30.6

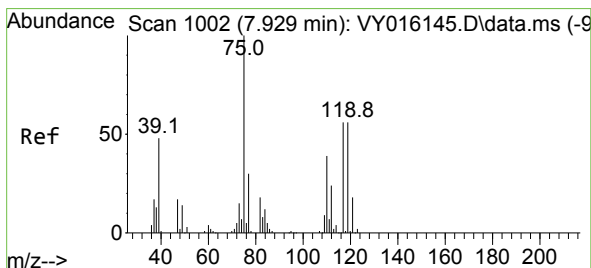
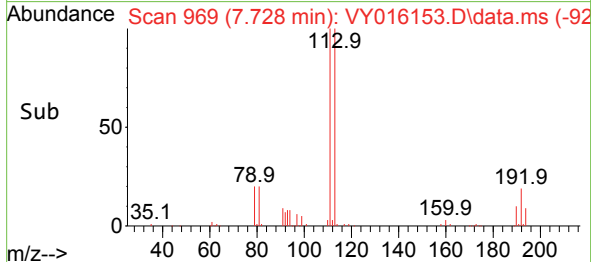
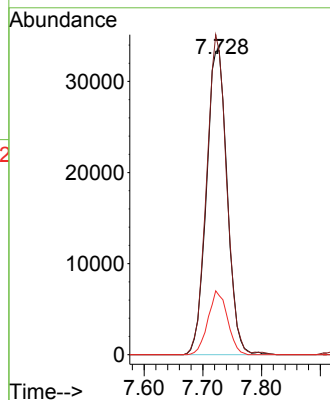
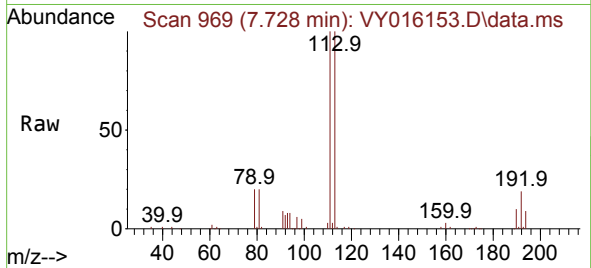




#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

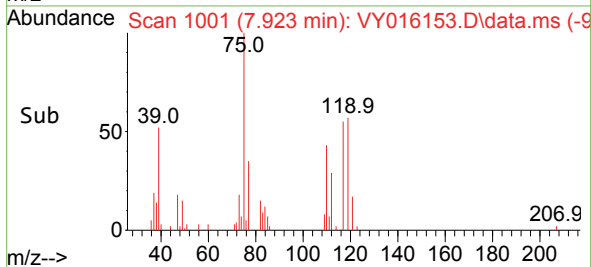
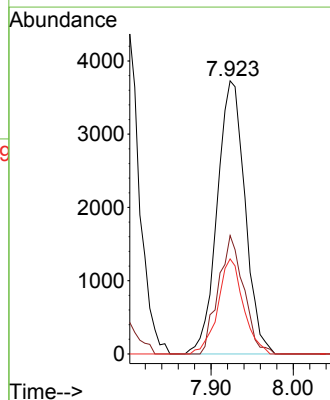
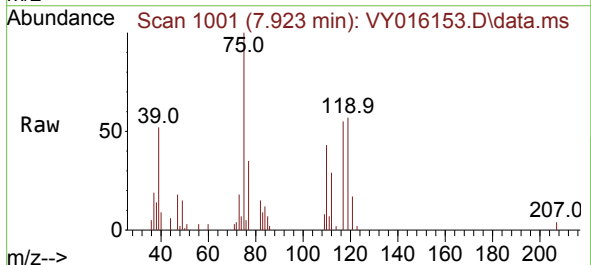
Instrument :
MSVOA_Y
ClientSampleId :

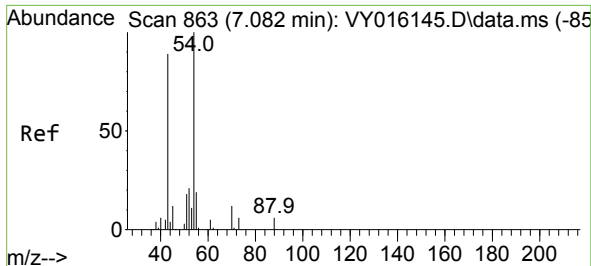
Tgt Ion:113 Resp: 81951
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 3.728 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 75 Resp: 8769
Ion Ratio Lower Upper
75 100
110 39.6 17.8 53.5
77 32.0 24.4 36.6

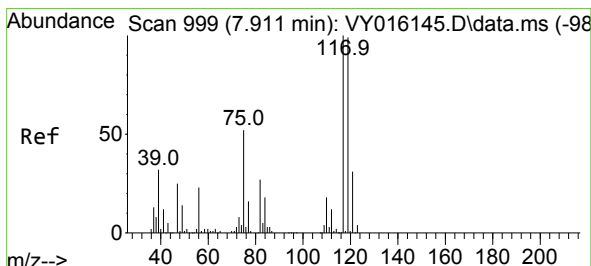
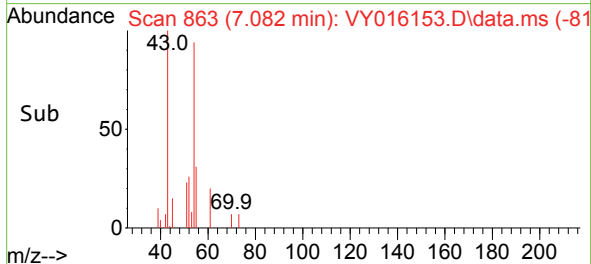
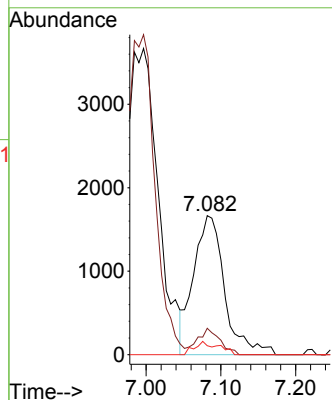
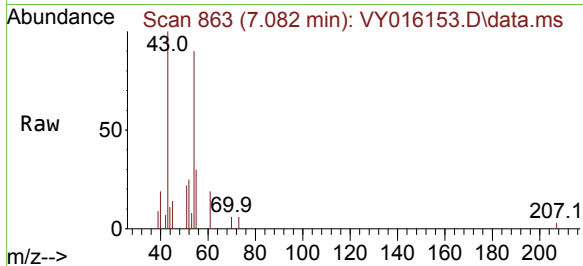




#37
Ethyl Acetate
Concen: 4.595 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

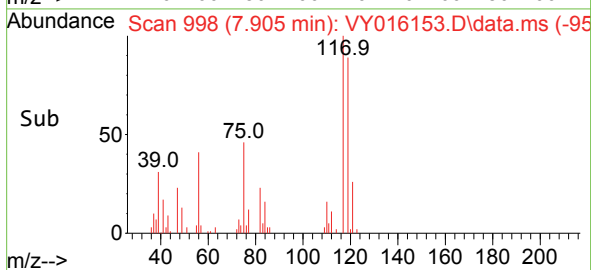
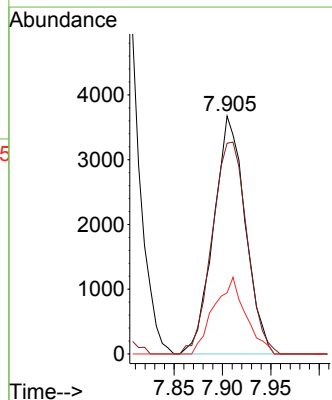
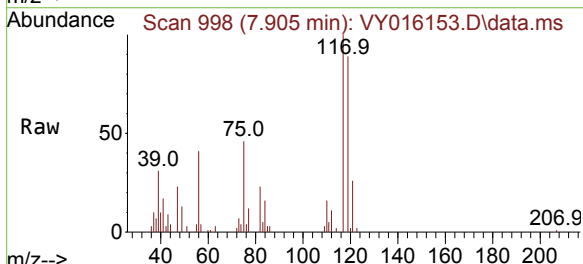
Instrument :
MSVOA_Y
ClientSampleId :

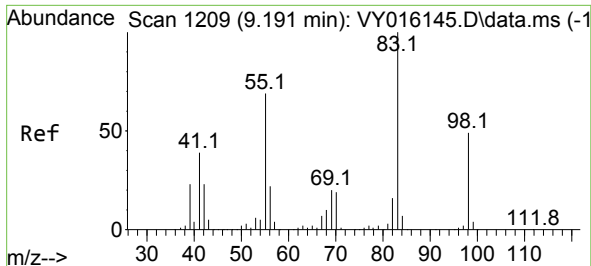
Tgt Ion: 43 Resp: 4814
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 7.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 3.593 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 117 Resp: 8373
Ion Ratio Lower Upper
117 100
119 88.6 76.4 114.6
121 25.7 25.8 38.6#





#39

Methylcyclohexane

Concen: 3.701 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

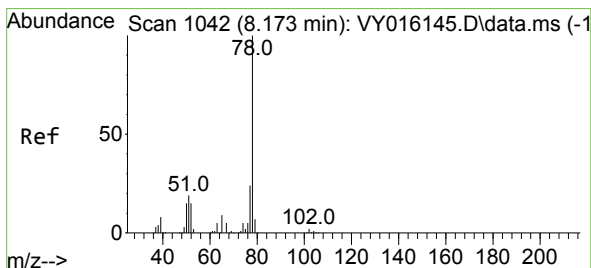
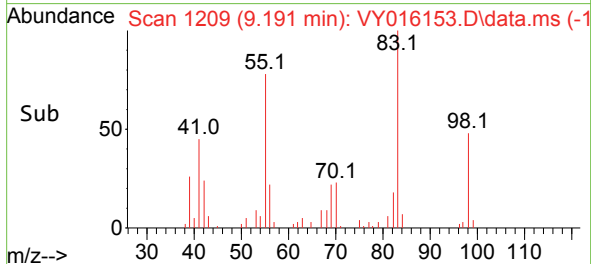
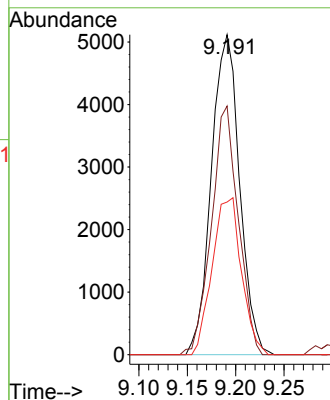
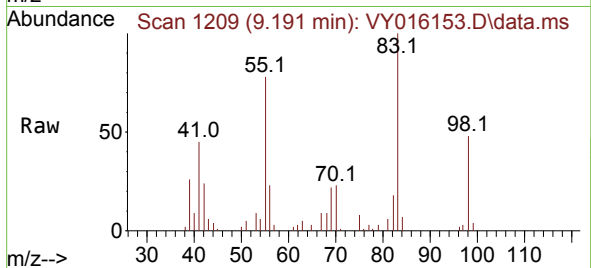
Tgt Ion: 83 Resp: 10393

Ion Ratio Lower Upper

83 100

55 77.7 63.0 94.4

98 47.7 37.4 56.2



#40

Benzene

Concen: 4.204 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016153.D

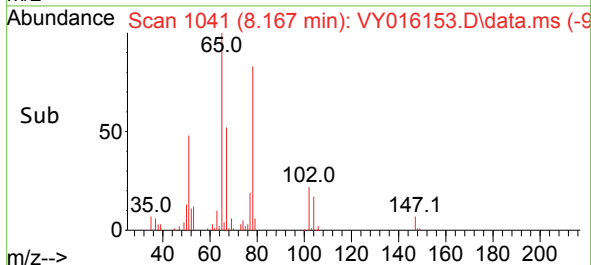
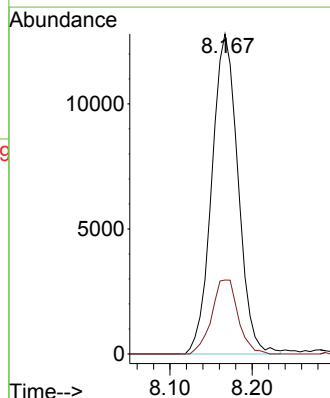
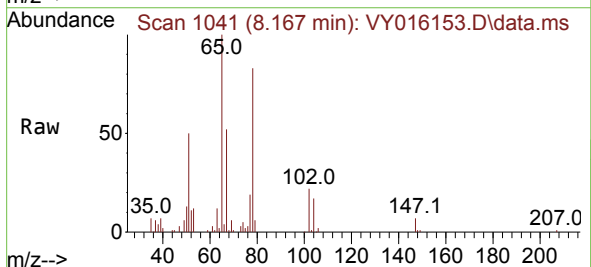
Acq: 31 Oct 2023 17:59

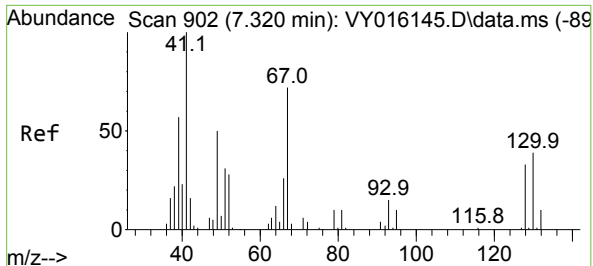
Tgt Ion: 78 Resp: 28392

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

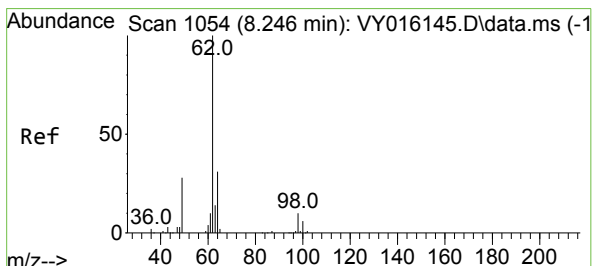
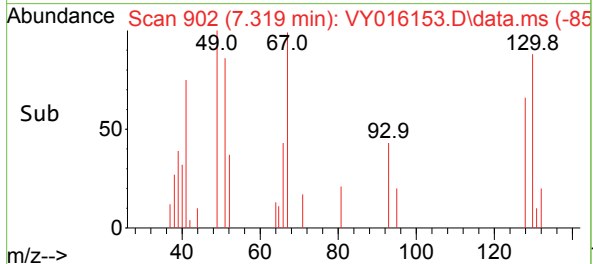
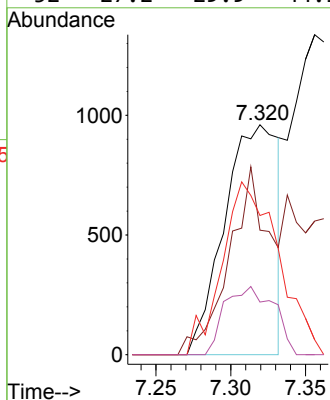
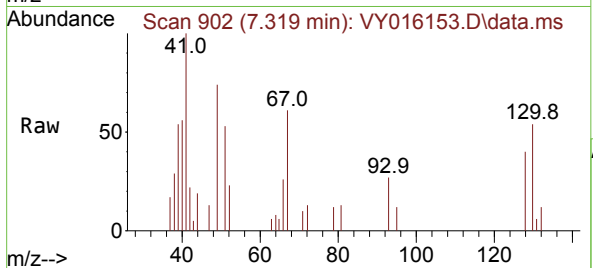




#41
Methacrylonitrile
Concen: 3.945 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

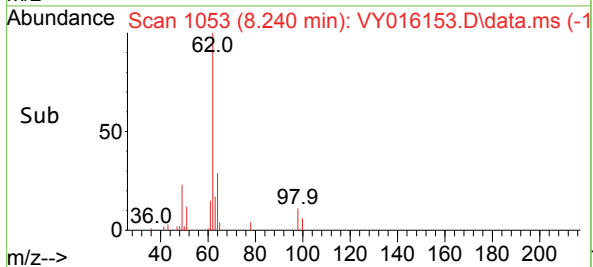
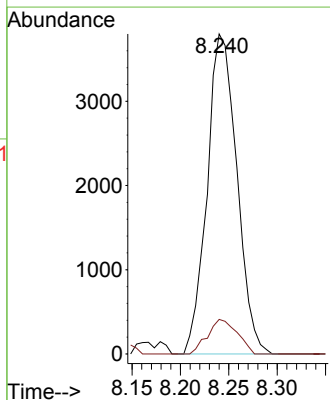
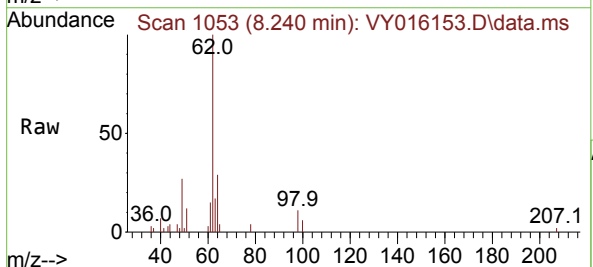
Instrument :
MSVOA_Y
ClientSampleId :

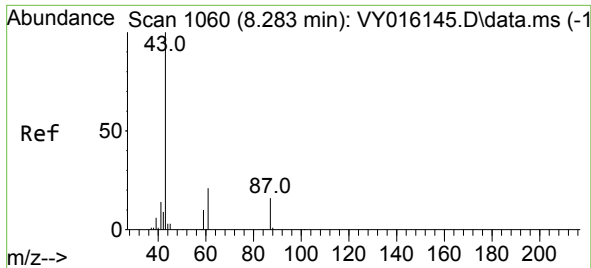
Tgt Ion: 41	Resp: 2399
Ion Ratio	Lower Upper
41 100	
39 61.4	52.1 78.1
67 79.0	66.2 99.2
52 27.2	29.9 44.9#



#42
1,2-Dichloroethane
Concen: 4.312 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 62	Resp: 8126
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 15.8

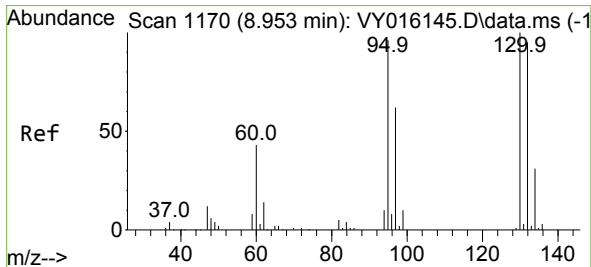
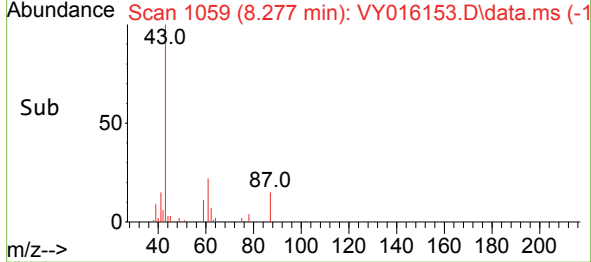
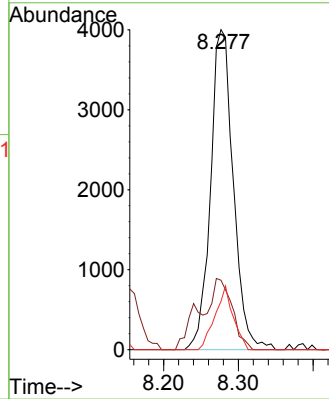
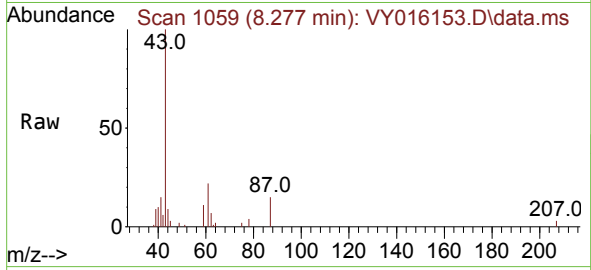




#43
Isopropyl Acetate
Concen: 4.090 ug/l
RT: 8.277 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

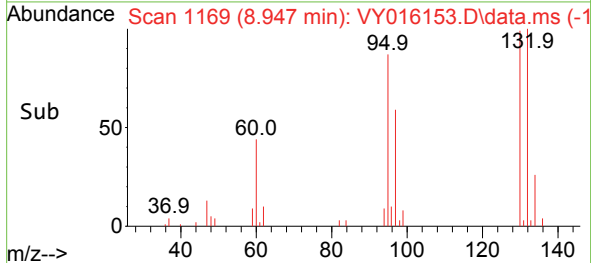
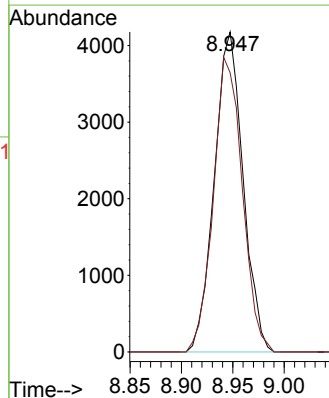
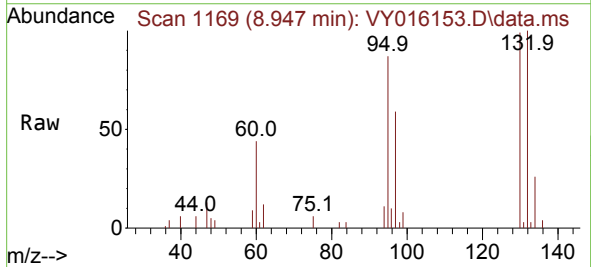
Instrument :
MSVOA_Y
ClientSampleId :

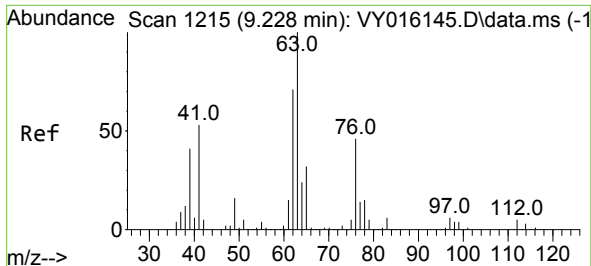
Tgt Ion: 43 Resp: 8477
Ion Ratio Lower Upper
43 100
61 21.5 21.1 31.7
87 15.9 9.8 14.8#



#44
Trichloroethene
Concen: 4.105 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 130 Resp: 8113
Ion Ratio Lower Upper
130 100
95 87.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.067 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

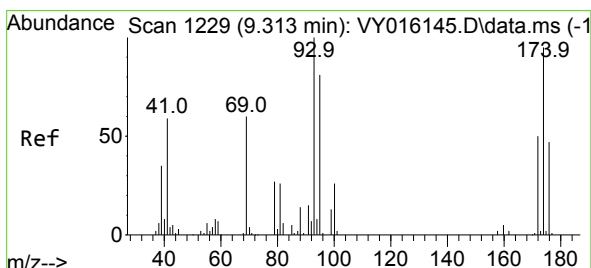
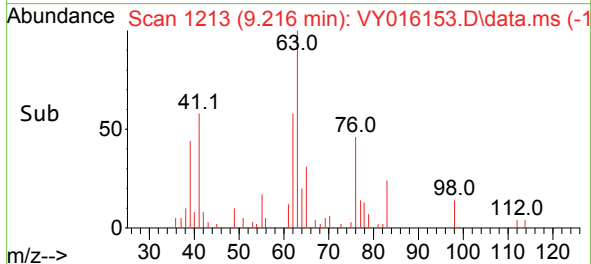
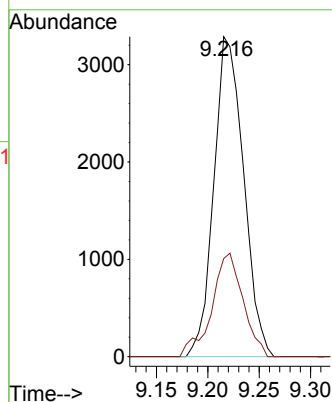
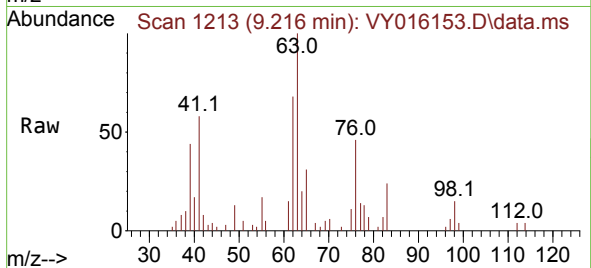
ClientSampleId :

Tgt Ion: 63 Resp: 6608

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 4.159 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

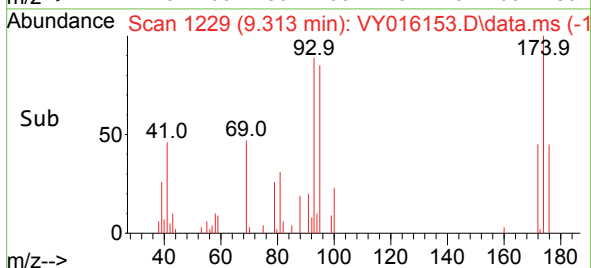
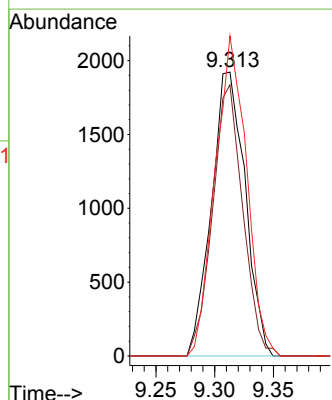
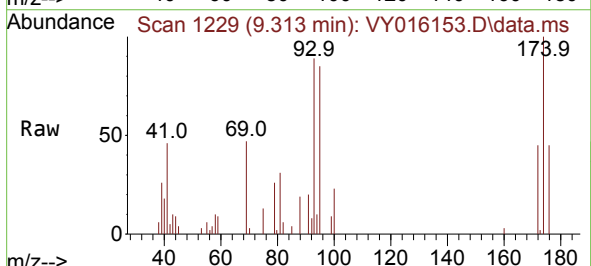
Tgt Ion: 93 Resp: 3833

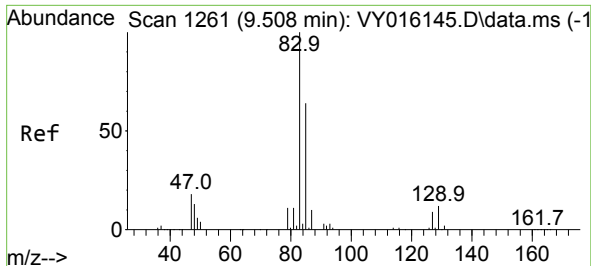
Ion Ratio Lower Upper

93 100

95 85.7 66.6 100.0

174 105.3 84.8 127.2

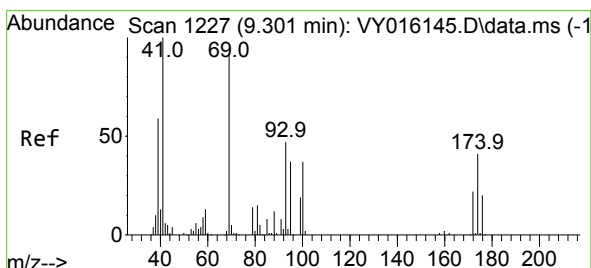
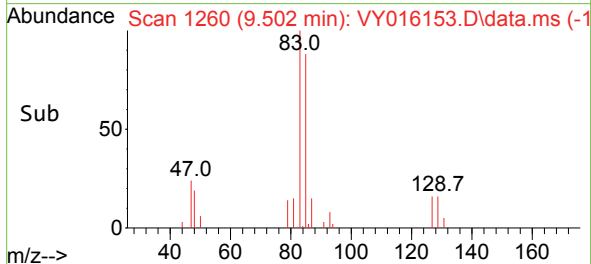
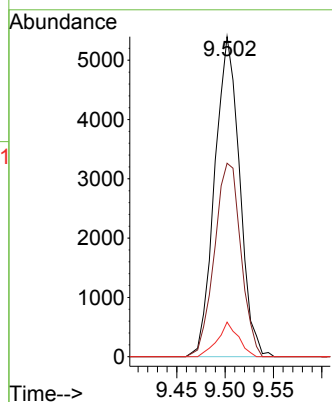
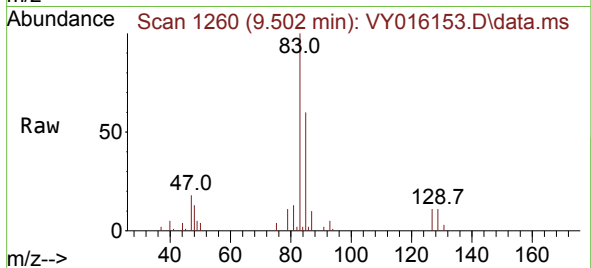




#47
Bromodichloromethane
Concen: 4.119 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

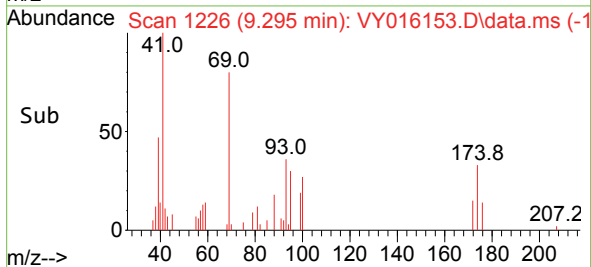
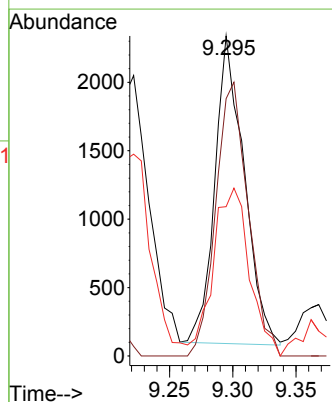
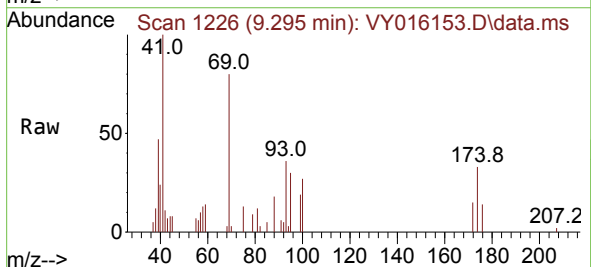
Instrument :
MSVOA_Y
ClientSampleId :

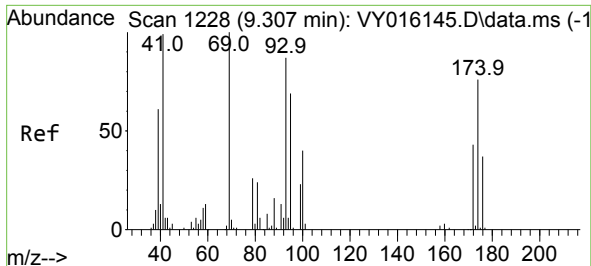
Tgt Ion: 83 Resp: 9645
Ion Ratio Lower Upper
83 100
85 60.4 50.1 75.1
127 10.8 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.835 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 41 Resp: 3614
Ion Ratio Lower Upper
41 100
69 98.2 64.5 96.7#
39 67.5 50.8 76.2





#49

1,4-Dioxane

Concen: 23.353 ug/l

RT: 9.301 min Scan# 1

Delta R.T. -0.006 min

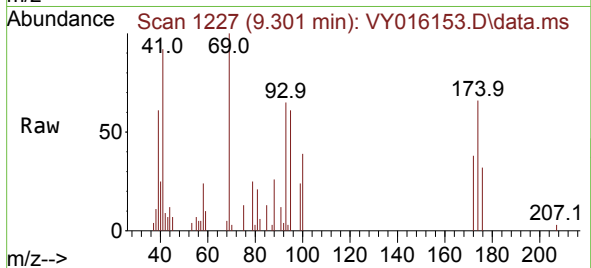
Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :



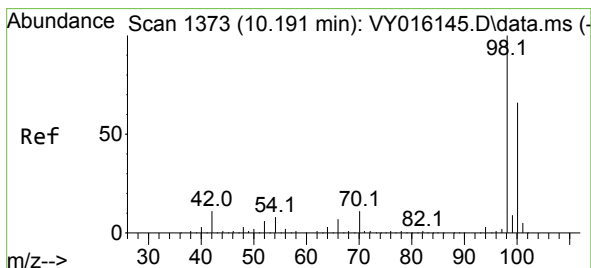
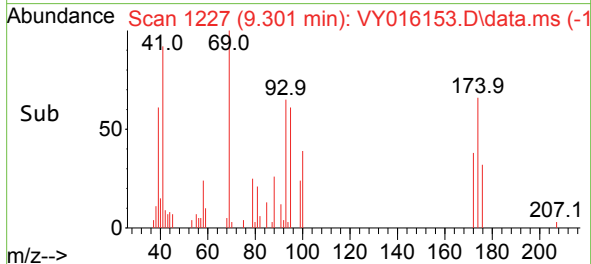
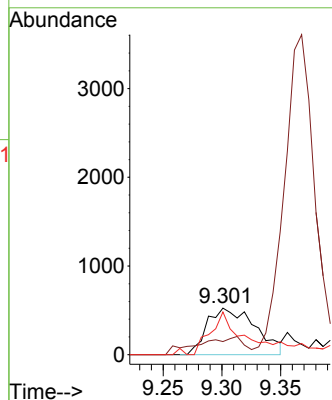
Tgt Ion: 88 Resp: 1499

Ion Ratio Lower Upper

88 100

43 36.8 0.0 0.0#

58 79.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.574 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016153.D

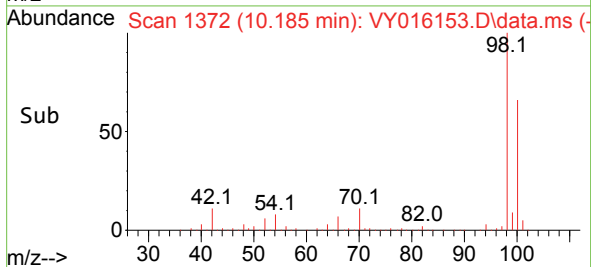
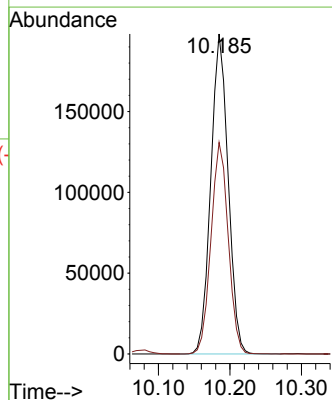
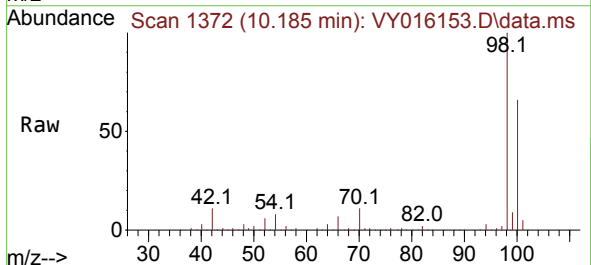
Acq: 31 Oct 2023 17:59

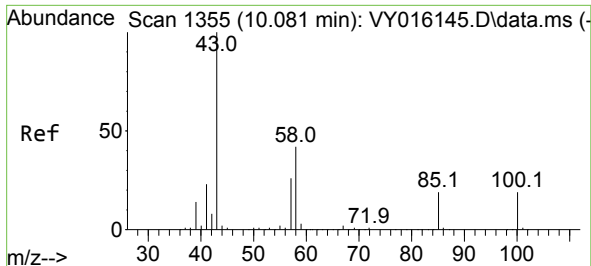
Tgt Ion: 98 Resp: 333109

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

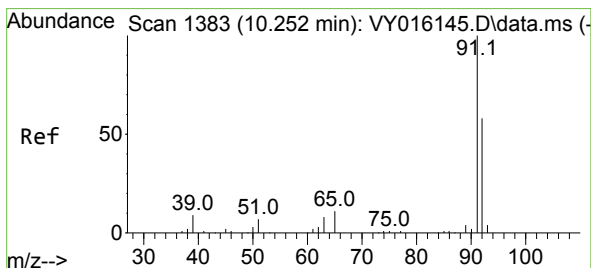
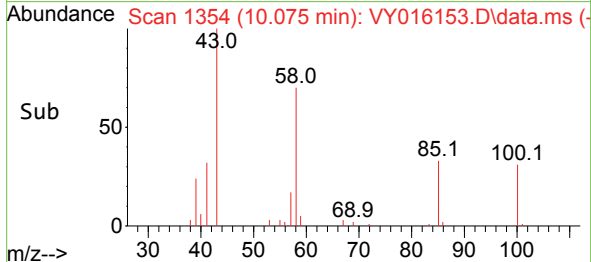
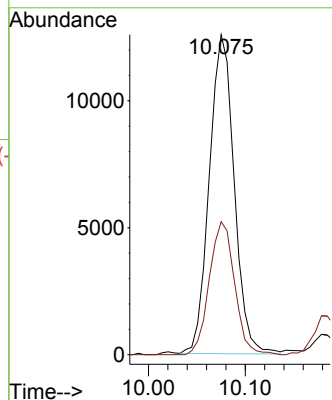
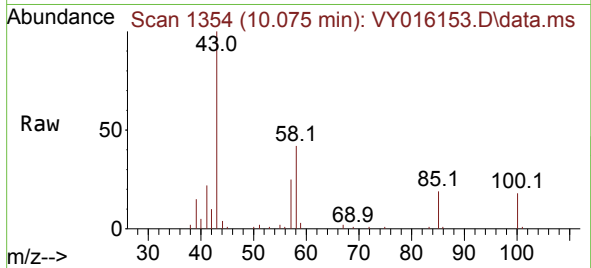




#51
4-Methyl-2-Pentanone
Concen: 21.726 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

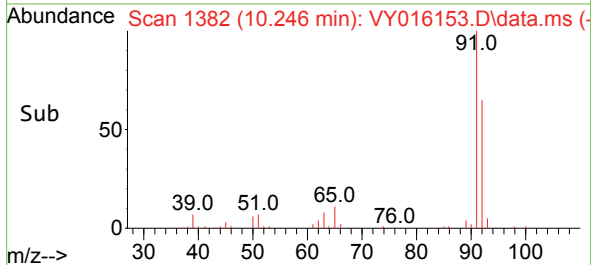
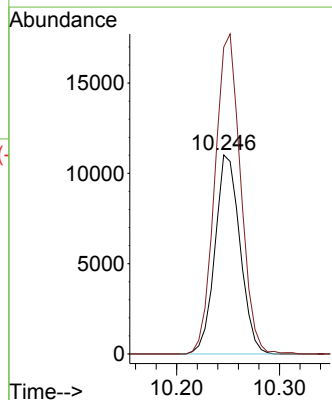
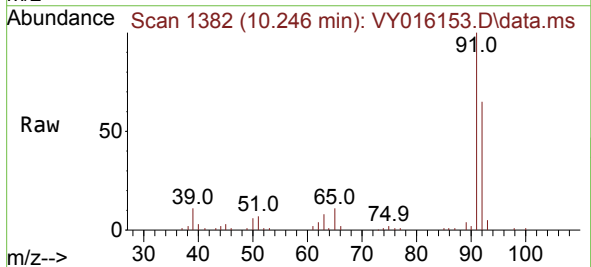
Instrument :
MSVOA_Y
ClientSampleId :

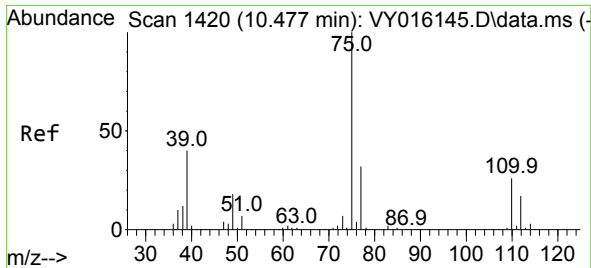
Tgt Ion: 43 Resp: 22467
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6



#52
Toluene
Concen: 4.248 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 92 Resp: 18591
Ion Ratio Lower Upper
92 100
91 165.5 143.8 215.6

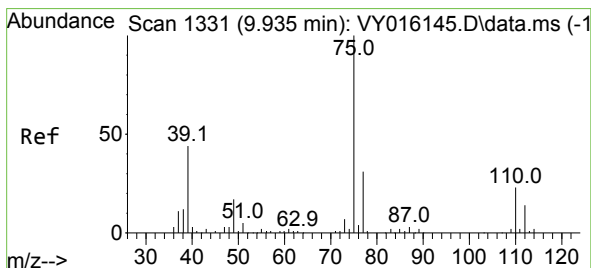
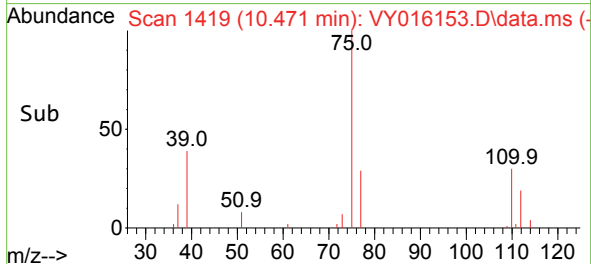
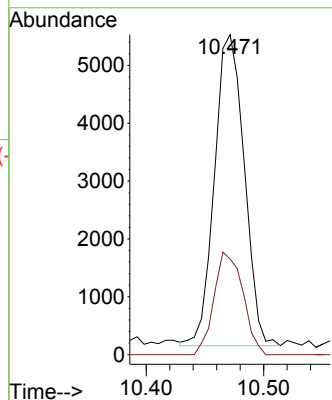
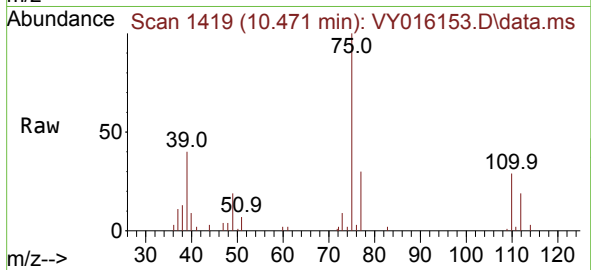




#53
 t-1,3-Dichloropropene
 Concen: 4.053 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

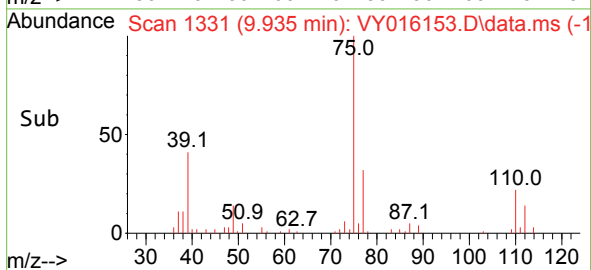
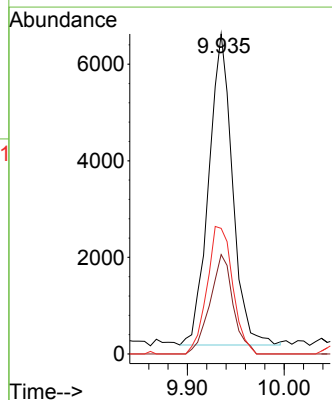
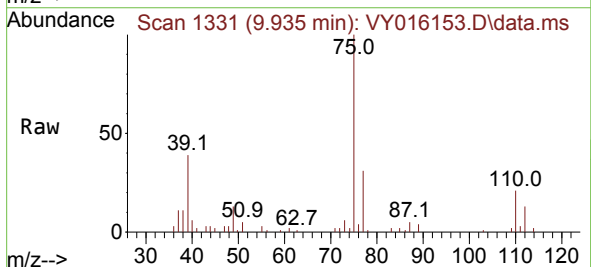
Instrument :
 MSVOA_Y
 ClientSampleId :

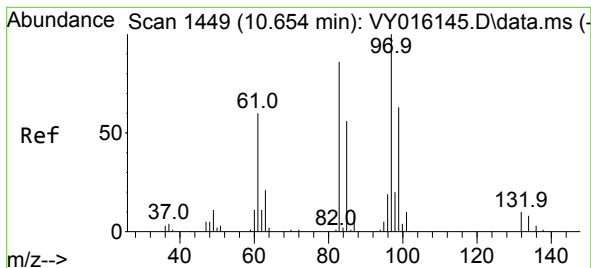
Tgt Ion: 75 Resp: 9475
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.016 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

Tgt Ion: 75 Resp: 11015
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 40.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 4.347 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 5635

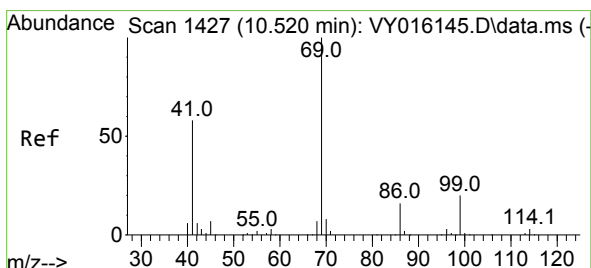
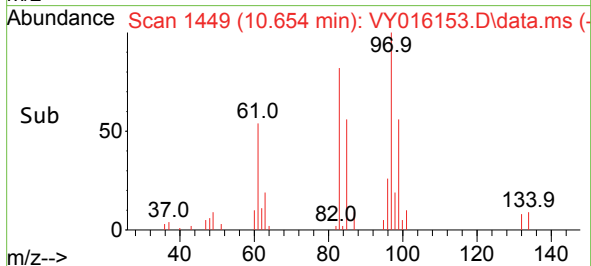
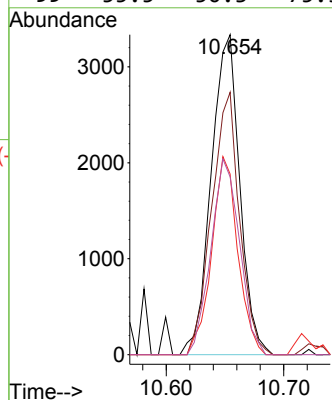
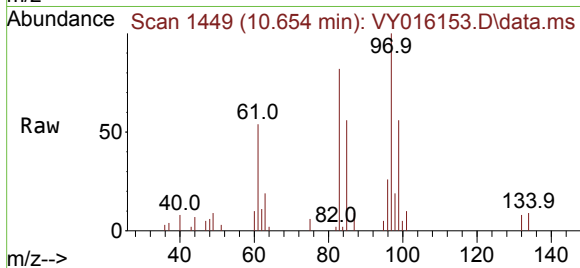
Ion Ratio Lower Upper

97 100

83 82.0 72.0 108.0

85 56.4 45.4 68.0

99 55.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 4.028 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

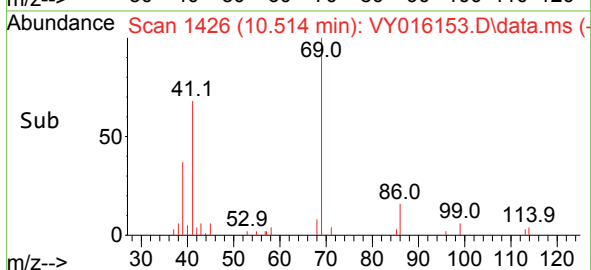
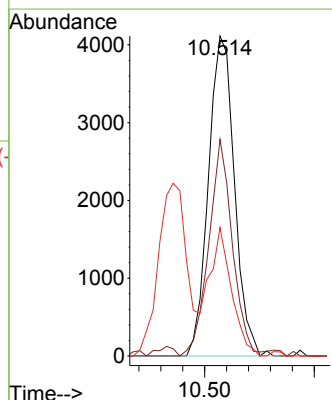
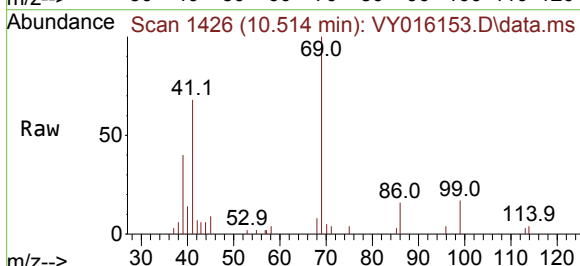
Tgt Ion: 69 Resp: 6782

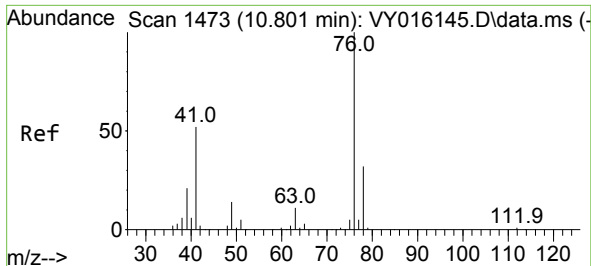
Ion Ratio Lower Upper

69 100

41 61.4 57.6 86.4

39 33.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 4.097 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

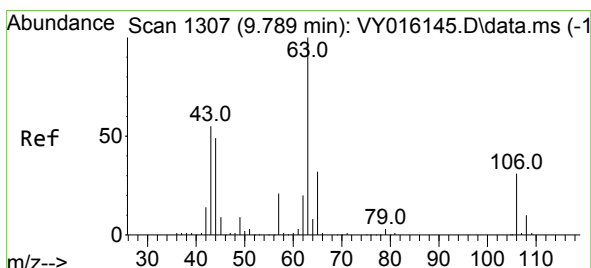
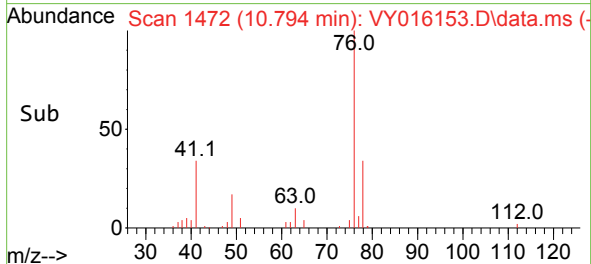
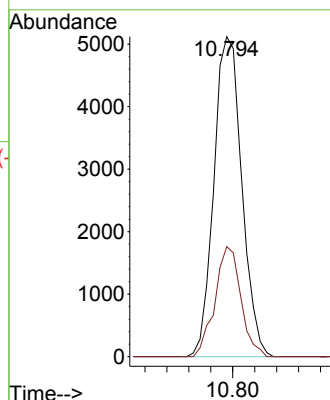
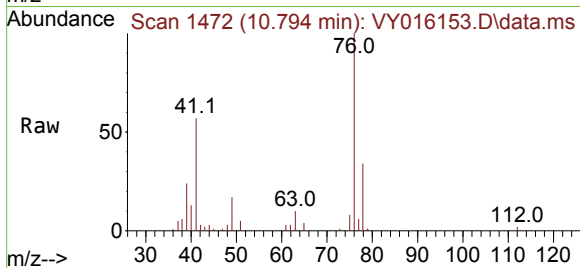
ClientSampleId :

Tgt Ion: 76 Resp: 9041

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 21.191 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016153.D

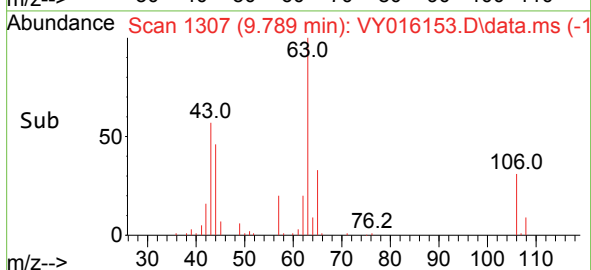
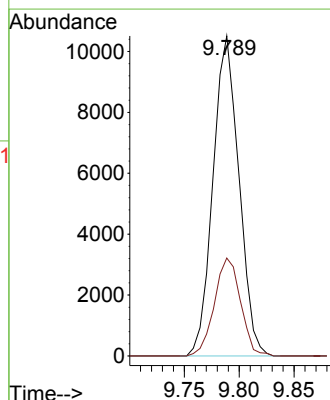
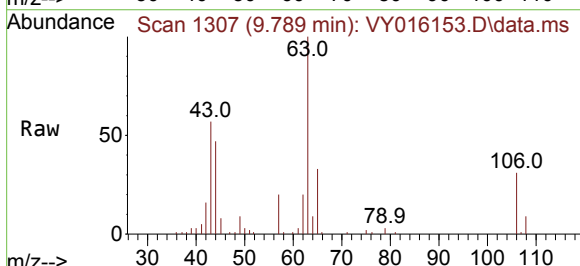
Acq: 31 Oct 2023 17:59

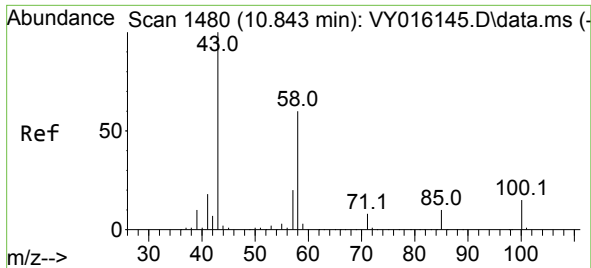
Tgt Ion: 63 Resp: 17300

Ion Ratio Lower Upper

63 100

106 30.8 21.2 31.8

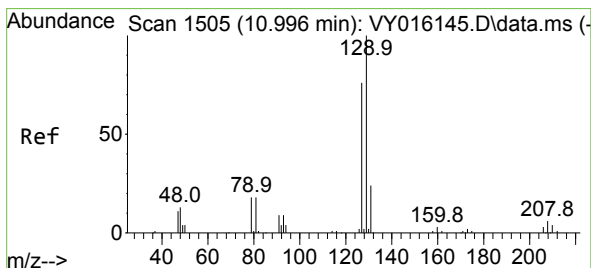
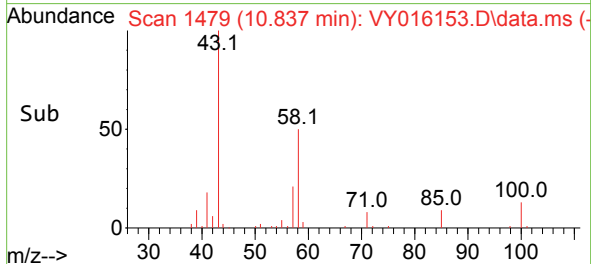
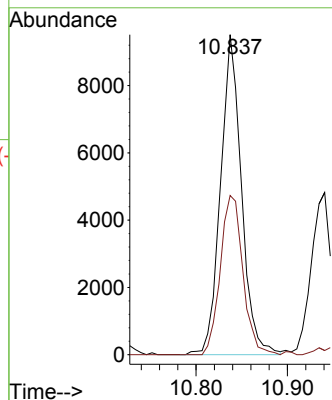
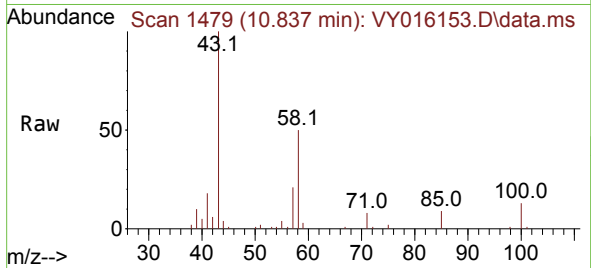




#59
2-Hexanone
Concen: 21.360 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

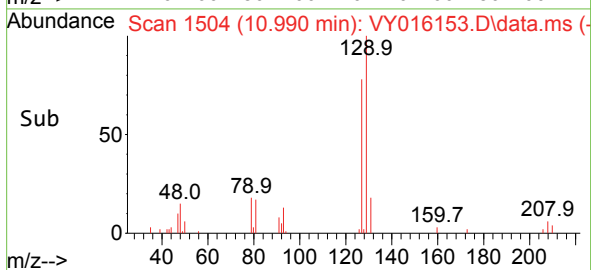
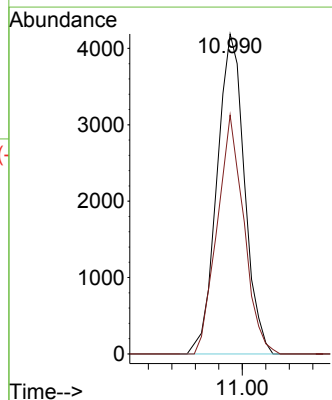
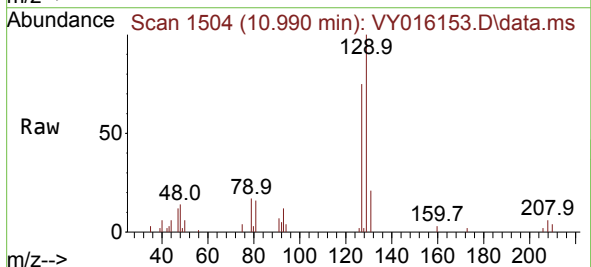
Instrument :
MSVOA_Y
ClientSampleId :

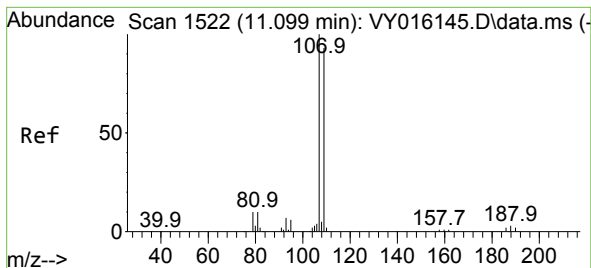
Tgt Ion: 43 Resp: 15136
Ion Ratio Lower Upper
43 100
58 53.7 25.1 75.3



#60
Dibromochloromethane
Concen: 4.189 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 129 Resp: 6812
Ion Ratio Lower Upper
129 100
127 72.4 38.5 115.5

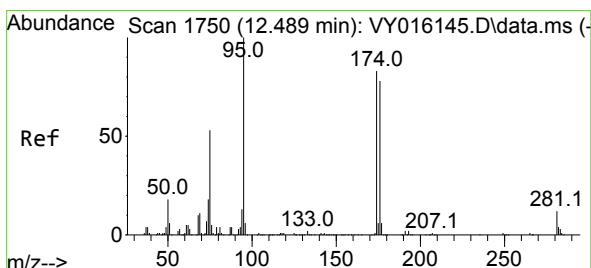
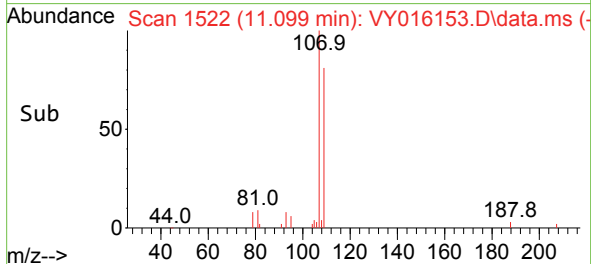
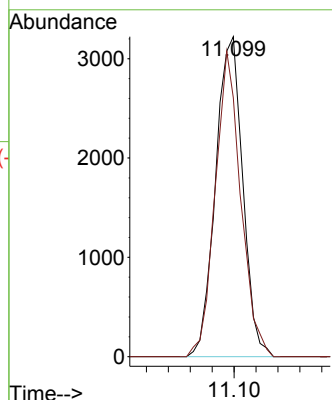
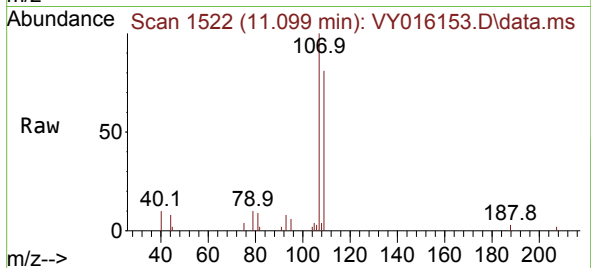




#61
1,2-Dibromoethane
Concen: 4.487 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

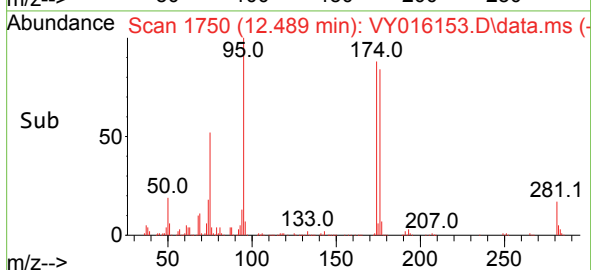
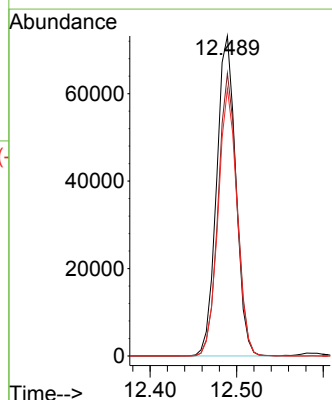
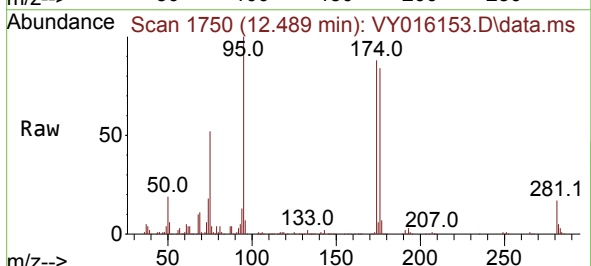
Instrument :
MSVOA_Y
ClientSampleId :

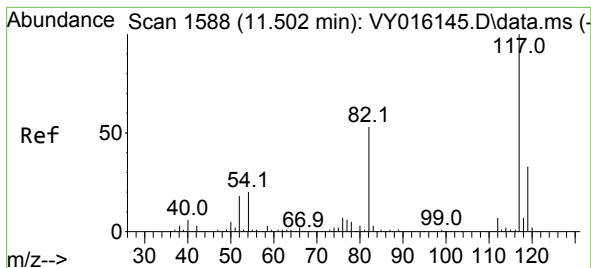
Tgt Ion:107 Resp: 5533
Ion Ratio Lower Upper
107 100
109 90.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.006 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 95 Resp: 112650
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

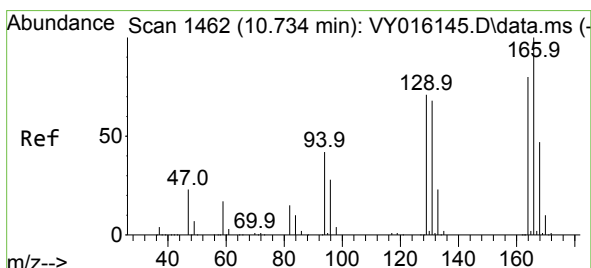
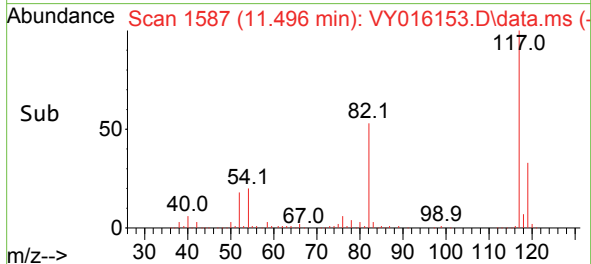
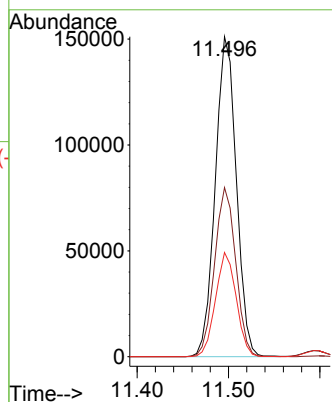
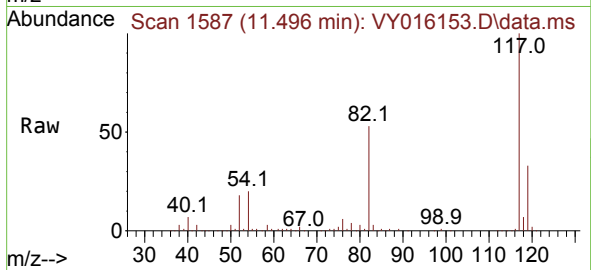
Tgt Ion:117 Resp: 242163

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 4.050 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Tgt Ion:164 Resp: 8724

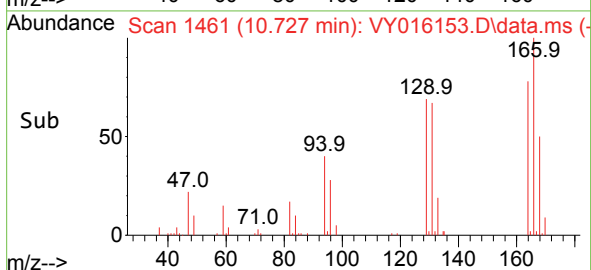
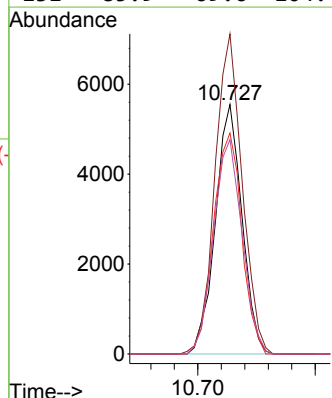
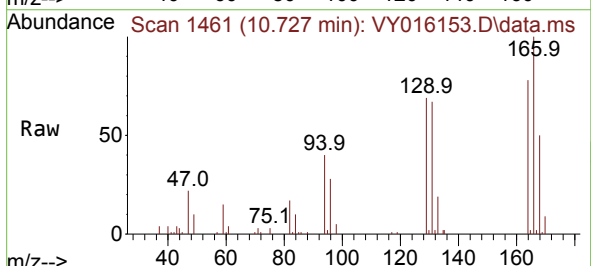
Ion Ratio Lower Upper

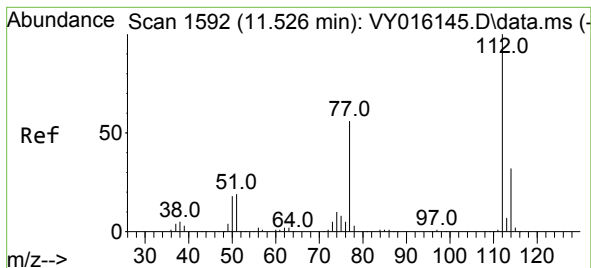
164 100

166 128.3 103.0 154.6

129 88.6 77.2 115.8

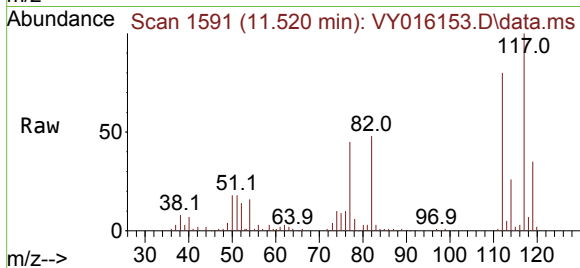
131 85.9 69.6 104.4



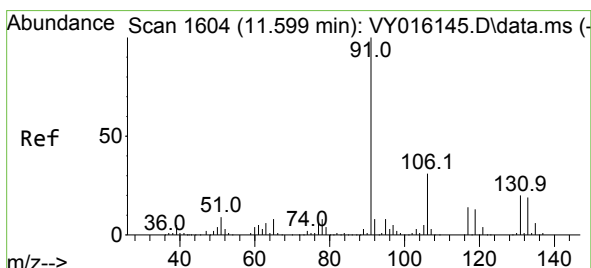
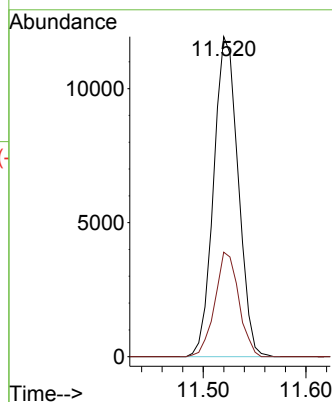
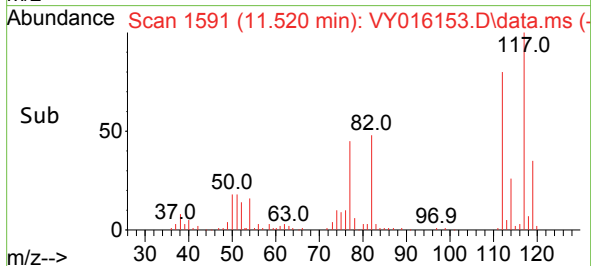


#65
Chlorobenzene
Concen: 4.108 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

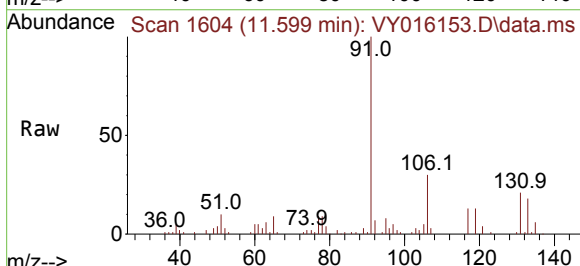
Instrument :
MSVOA_Y
ClientSampleId :



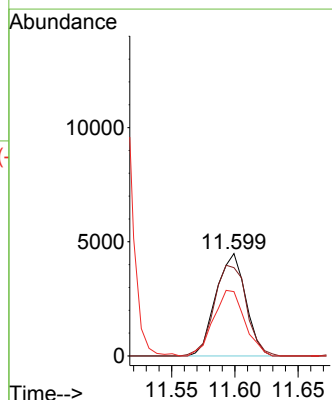
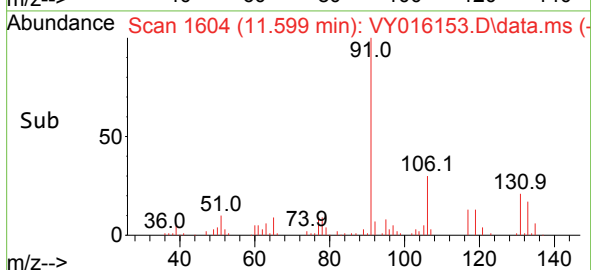
Tgt Ion:112 Resp: 19766
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

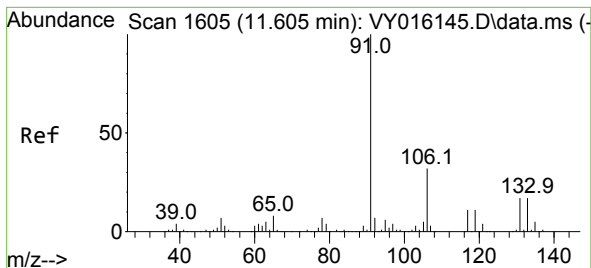


#66
1,1,1,2-Tetrachloroethane
Concen: 4.118 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59



Tgt Ion:131 Resp: 7338
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 67.3 31.6 94.7





#67

Ethyl Benzene

Concen: 3.906 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

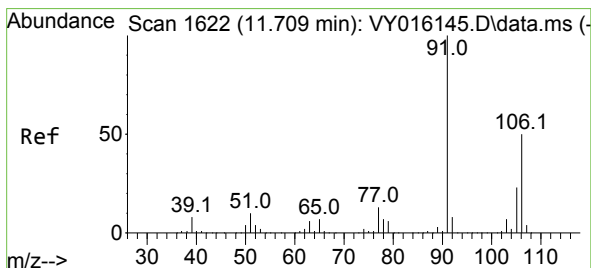
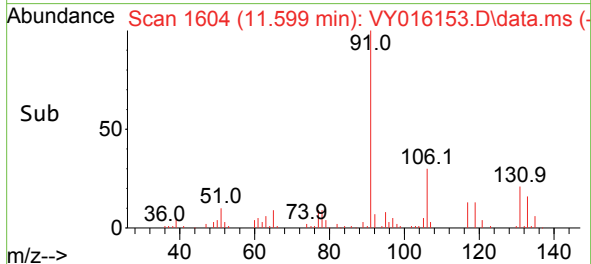
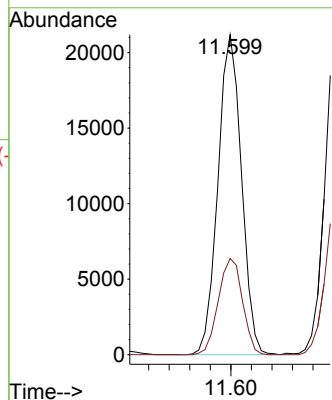
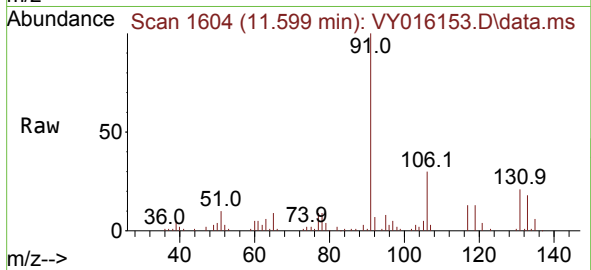
ClientSampleId :

Tgt Ion: 91 Resp: 33611

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 7.516 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016153.D

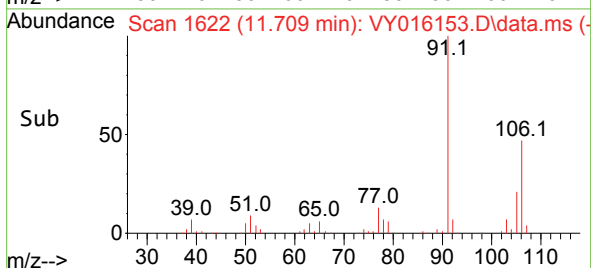
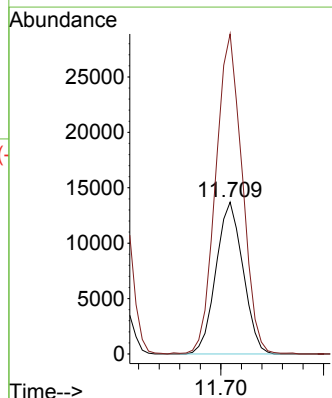
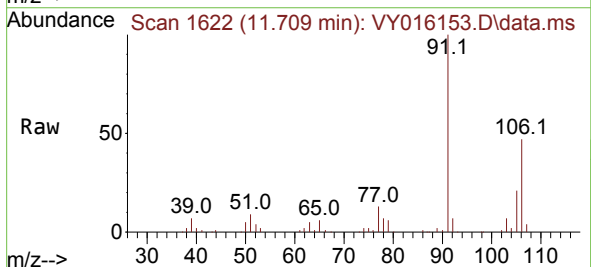
Acq: 31 Oct 2023 17:59

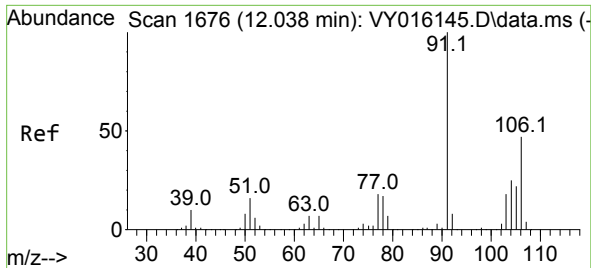
Tgt Ion: 106 Resp: 24994

Ion Ratio Lower Upper

106 100

91 206.9 166.1 249.1

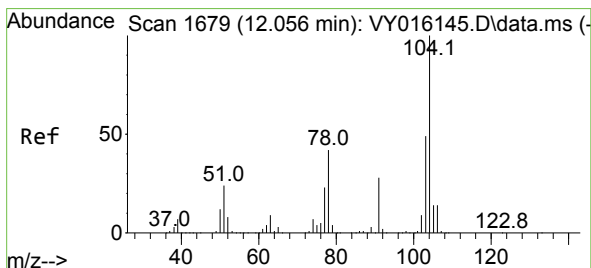
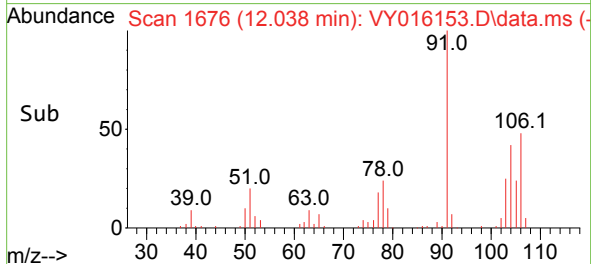
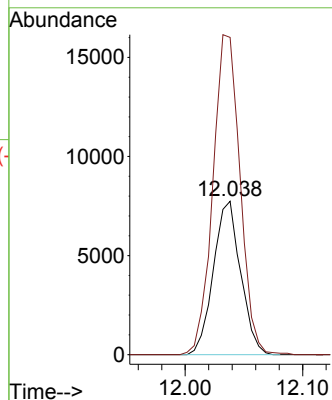
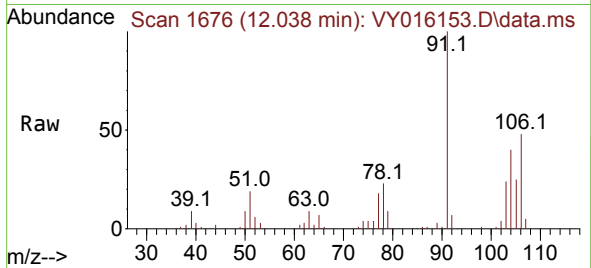




#69
o-Xylene
Concen: 3.919 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

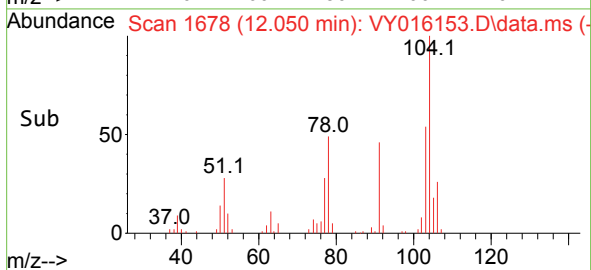
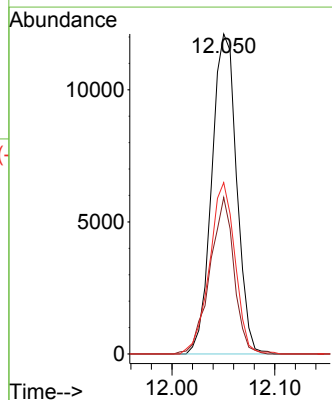
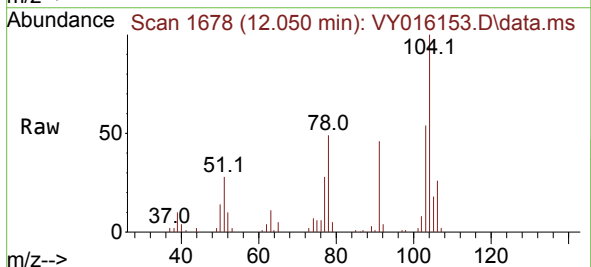
Instrument :
MSVOA_Y
ClientSampleId :

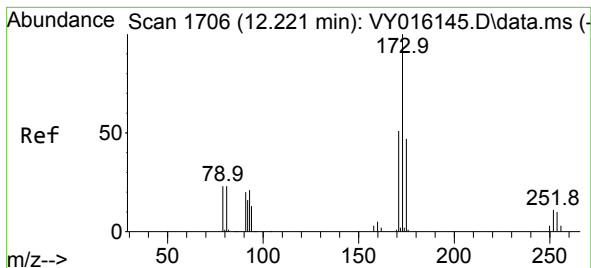
Tgt Ion:106 Resp: 12444
Ion Ratio Lower Upper
106 100
91 208.5 108.1 324.3



#70
Styrene
Concen: 3.852 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion:104 Resp: 20333
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 3.929 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016153.D

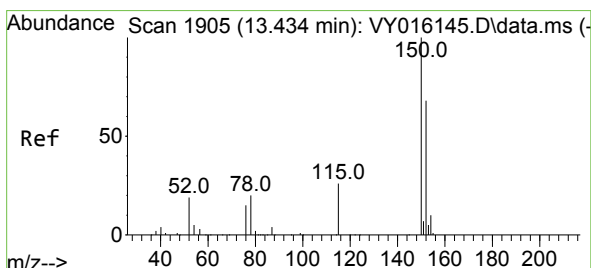
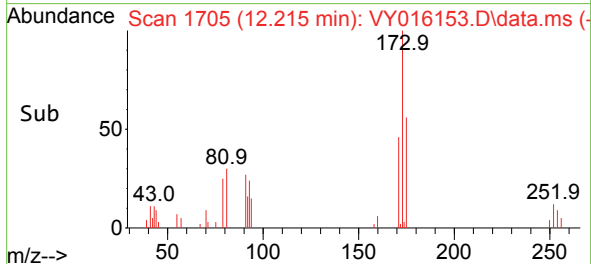
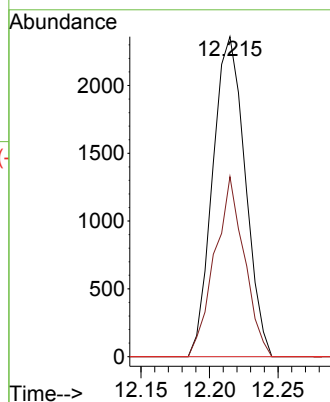
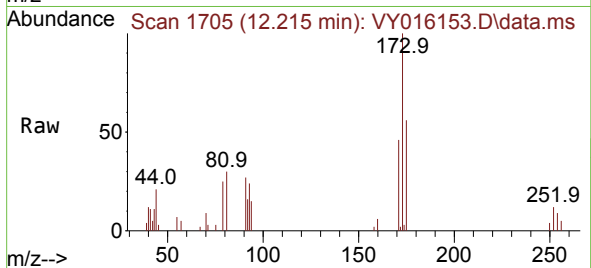
Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	3884
Ion Ratio	Lower	Upper	
173	100		
175	51.4	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

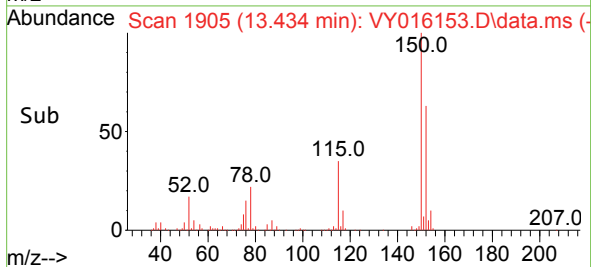
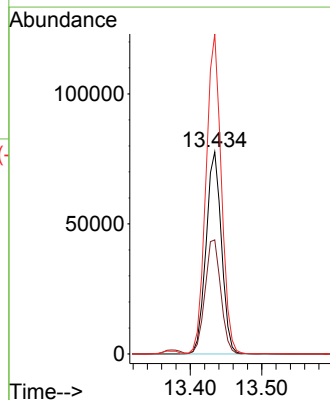
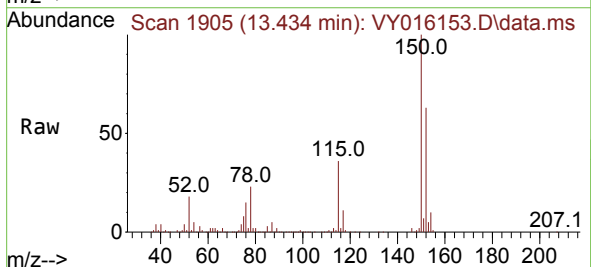
RT: 13.434 min Scan# 1905

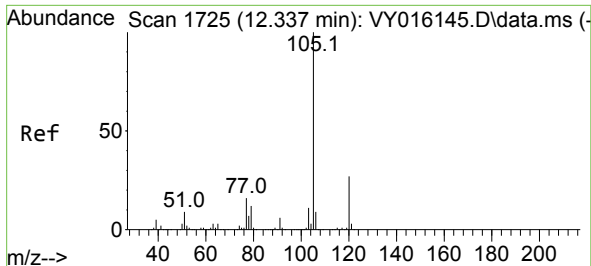
Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Tgt Ion:	152	Resp:	116211
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.8	86.5
150	157.7	0.0	348.8

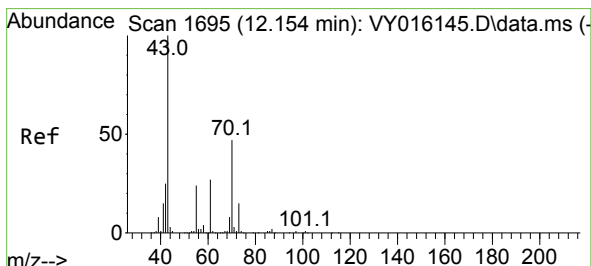
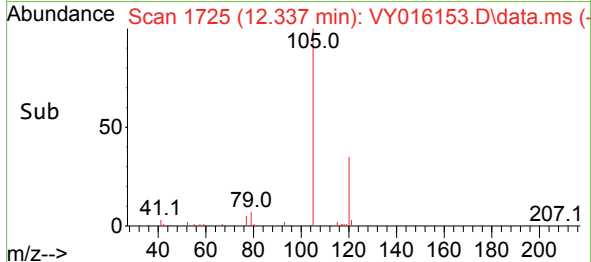
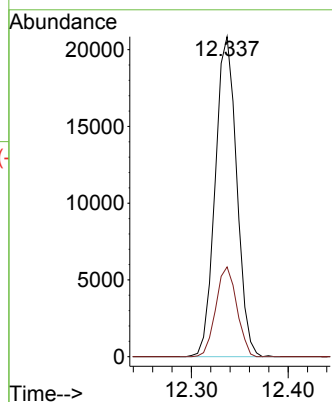
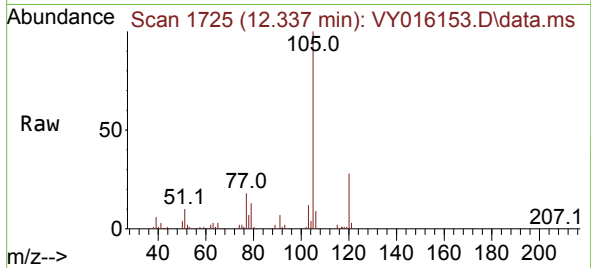




#73
Isopropylbenzene
Concen: 3.685 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

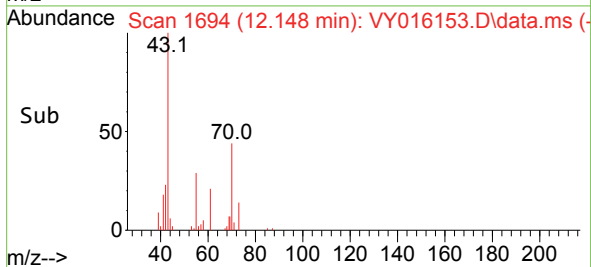
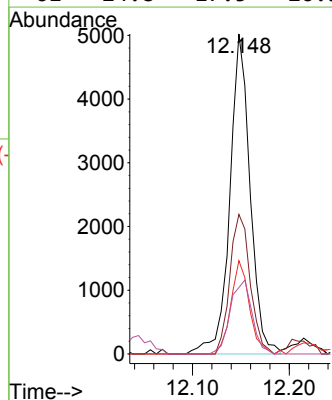
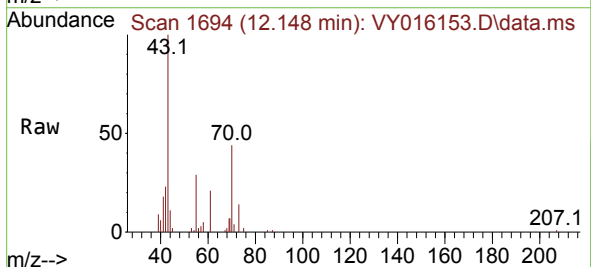
Instrument :
MSVOA_Y
ClientSampleId :

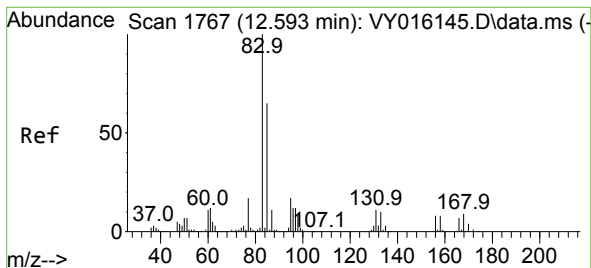
Tgt Ion:105 Resp: 32122
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9



#74
N-ethyl acetate
Concen: 3.861 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 43 Resp: 7314
Ion Ratio Lower Upper
43 100
70 43.7 29.7 44.5
55 26.6 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.151 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

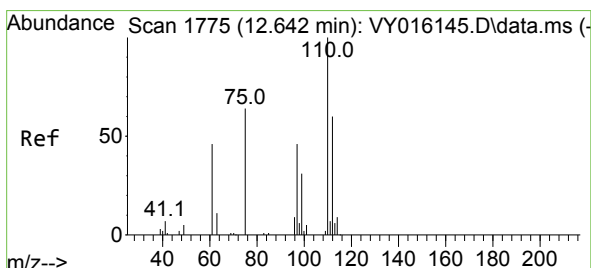
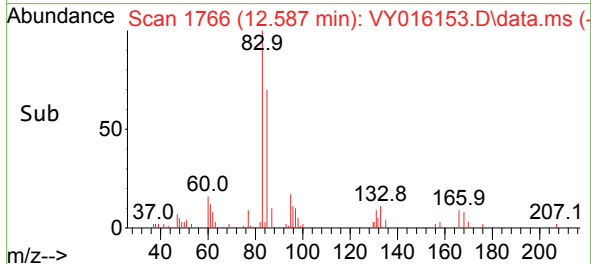
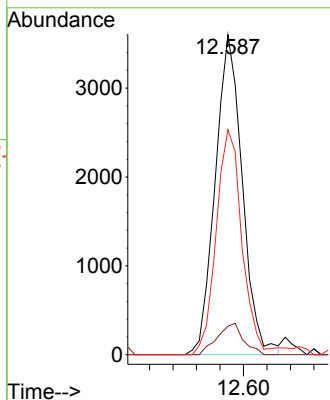
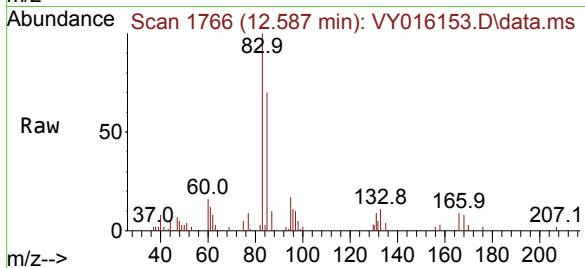
Tgt Ion: 83 Resp: 5758

Ion Ratio Lower Upper

83 100

131 9.4 5.4 16.2

85 66.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 7.137 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016153.D

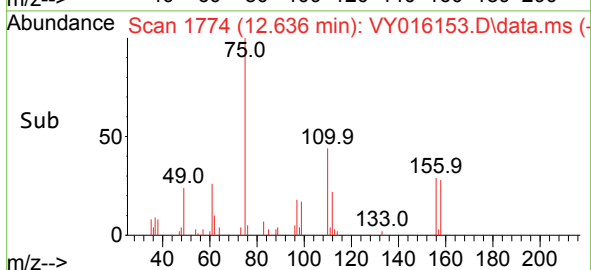
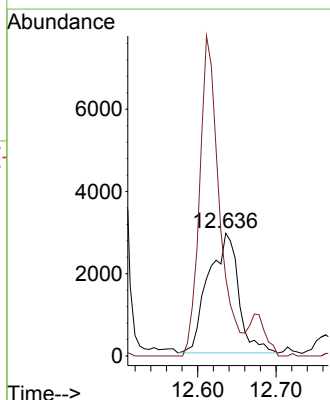
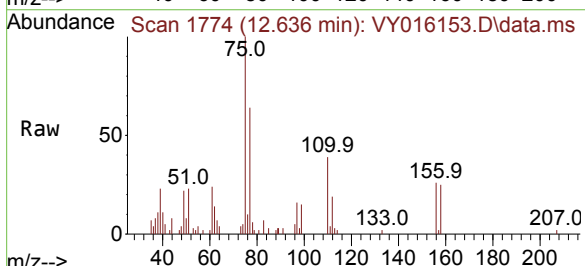
Acq: 31 Oct 2023 17:59

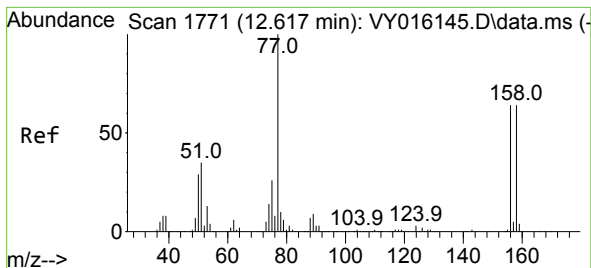
Tgt Ion: 75 Resp: 7811

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.085 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

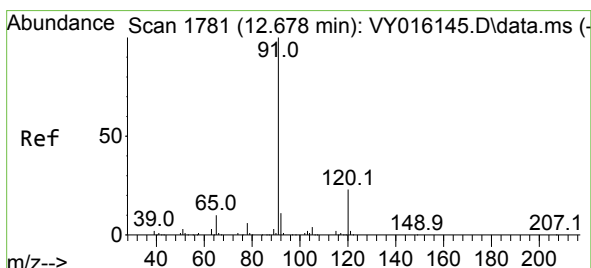
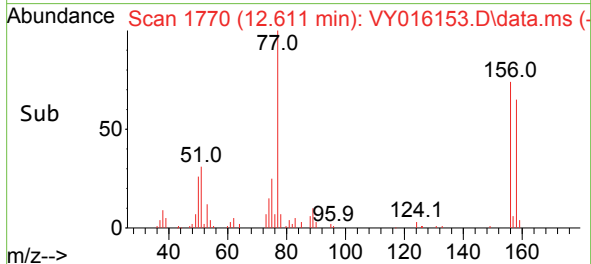
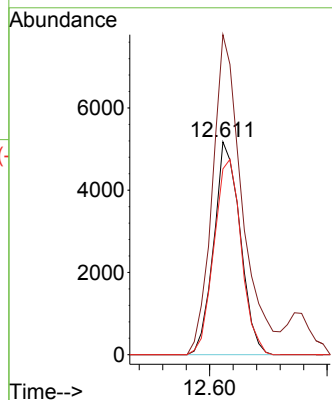
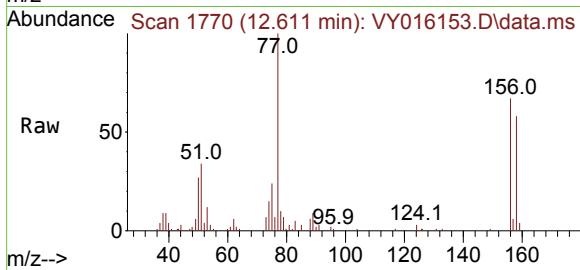
Tgt Ion:156 Resp: 8064

Ion Ratio Lower Upper

156 100

77 170.3 92.8 278.6

158 95.2 48.4 145.3



#78

n-propylbenzene

Concen: 3.785 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016153.D

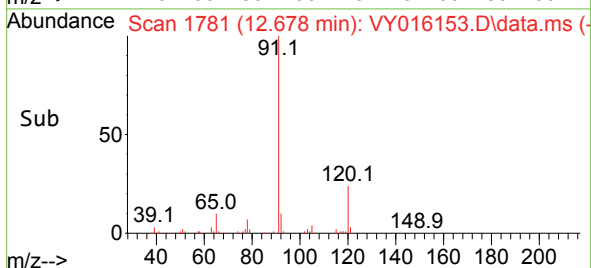
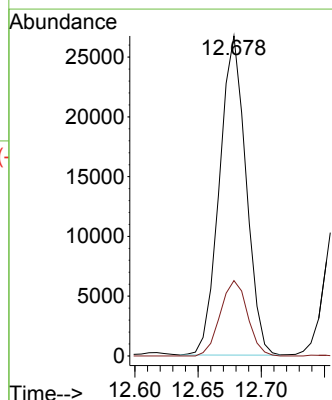
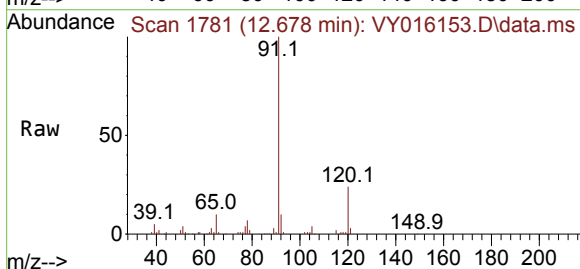
Acq: 31 Oct 2023 17:59

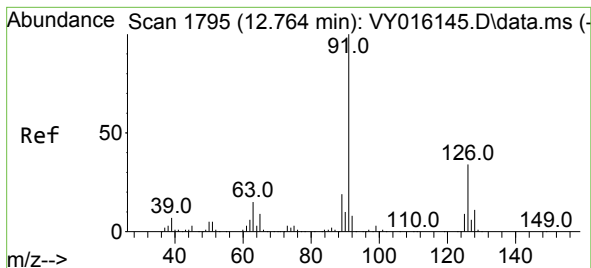
Tgt Ion: 91 Resp: 39006

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

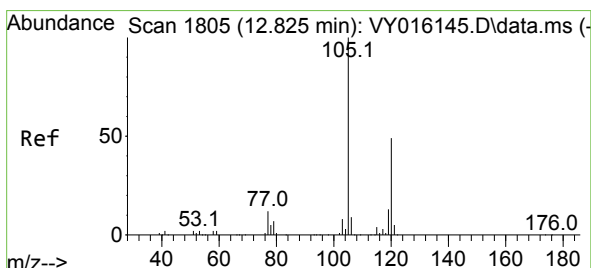
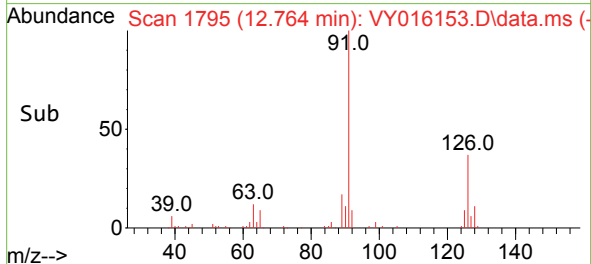
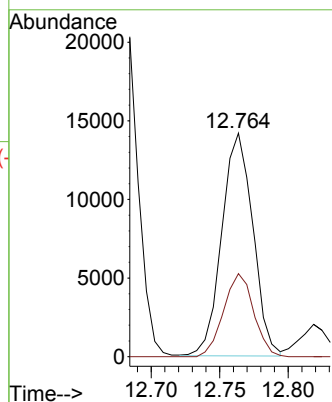
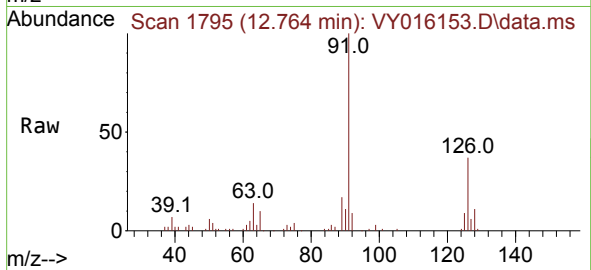




#79
2-Chlorotoluene
Concen: 3.893 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

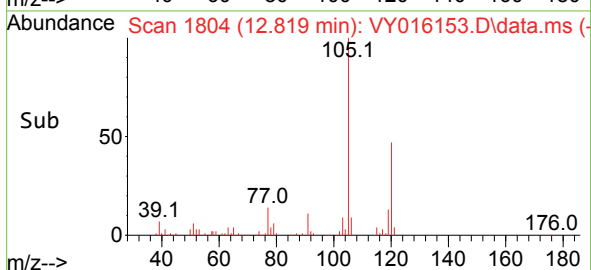
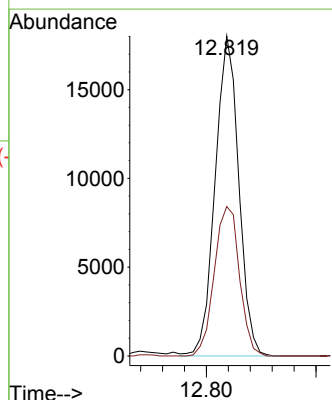
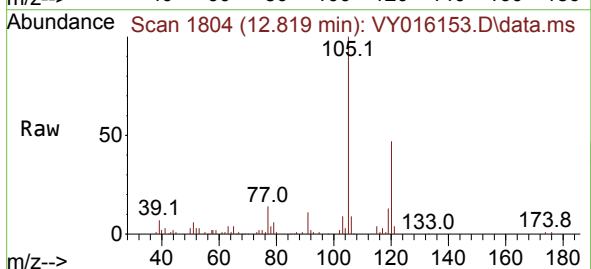
Instrument :
MSVOA_Y
ClientSampleId :

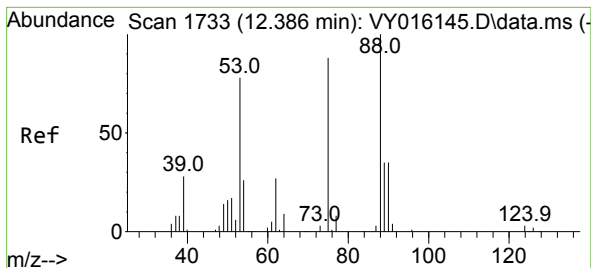
Tgt Ion: 91 Resp: 22378
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 3.817 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 105 Resp: 26958
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

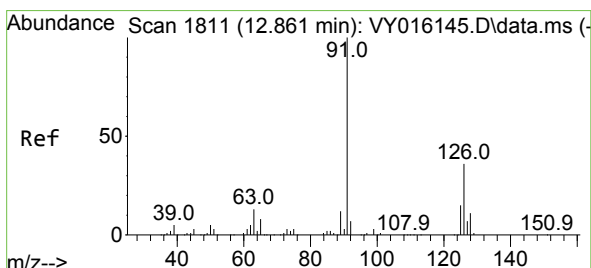
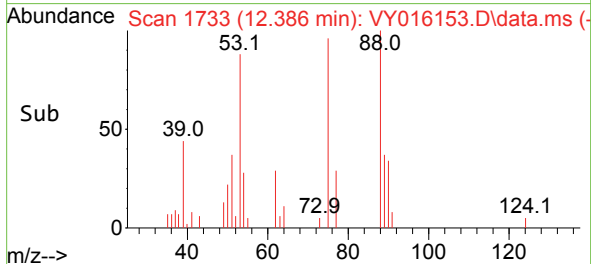
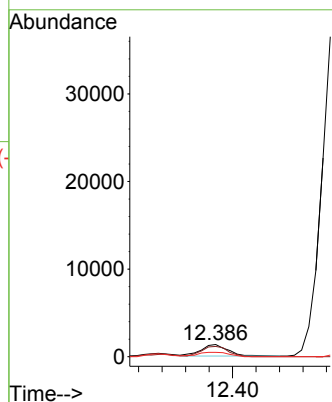
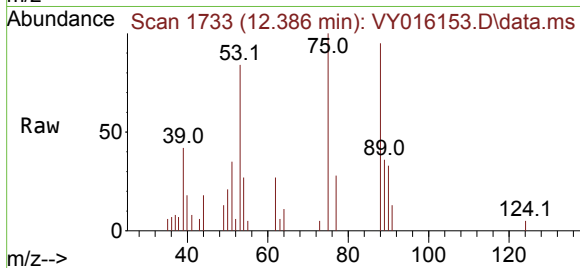




#81
trans-1,4-Dichloro-2-butene
Concen: 4.089 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

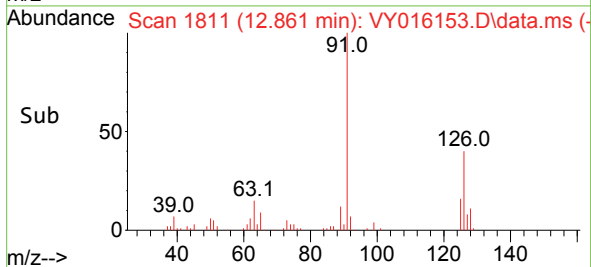
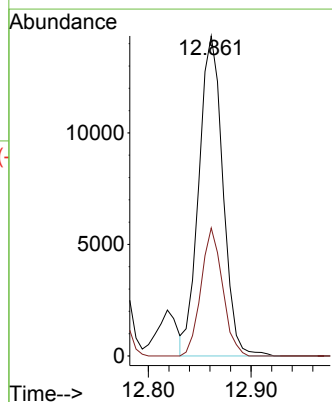
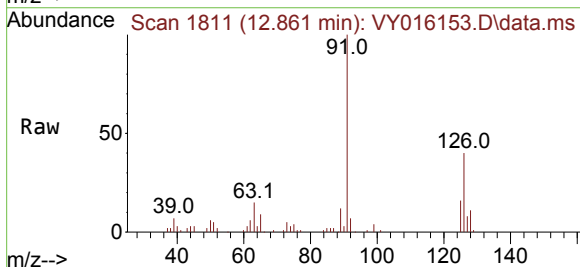
Instrument :
MSVOA_Y
ClientSampleId :

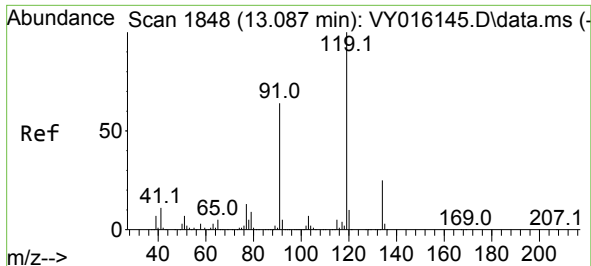
Tgt Ion: 75 Resp: 2064
Ion Ratio Lower Upper
75 100
53 89.8 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 3.955 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion: 91 Resp: 23342
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6

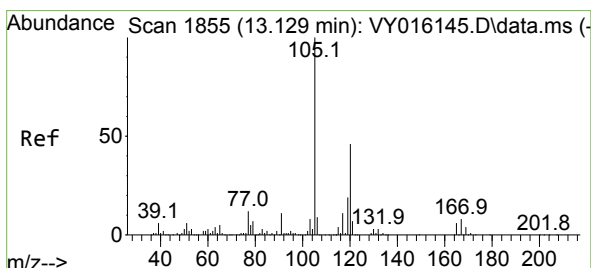
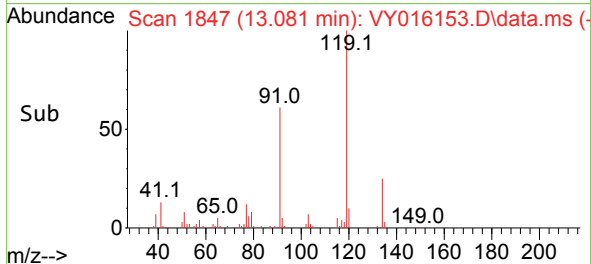
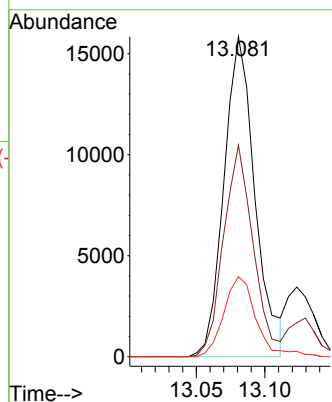
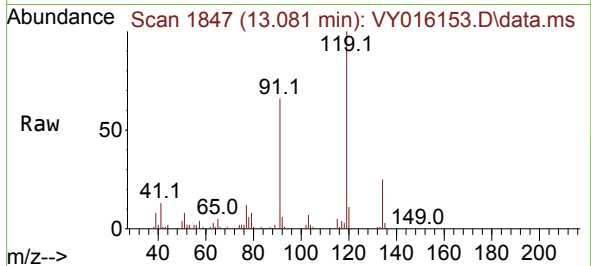




#83
tert-Butylbenzene
Concen: 3.944 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

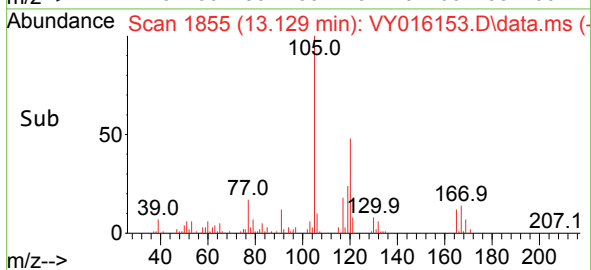
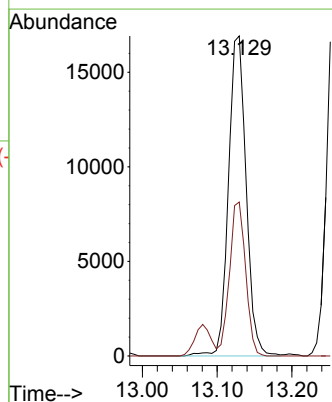
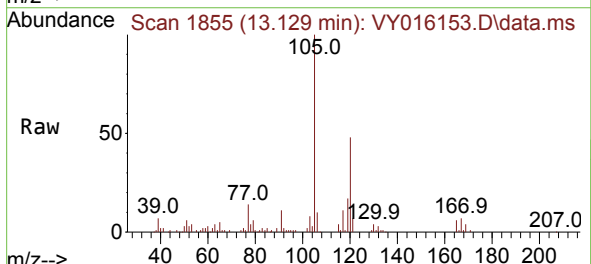
Instrument :
MSVOA_Y
ClientSampleId :

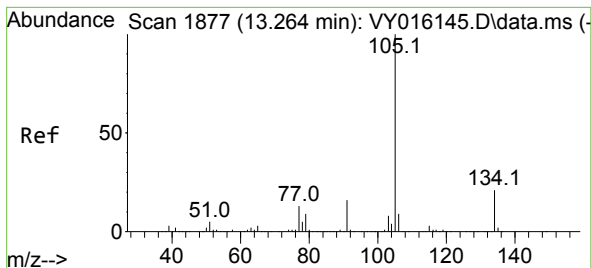
Tgt Ion:119 Resp: 24922
Ion Ratio Lower Upper
119 100
91 63.3 32.9 98.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 3.980 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016153.D
Acq: 31 Oct 2023 17:59

Tgt Ion:105 Resp: 27813
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 3.801 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

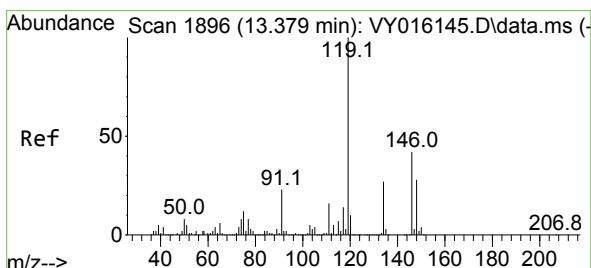
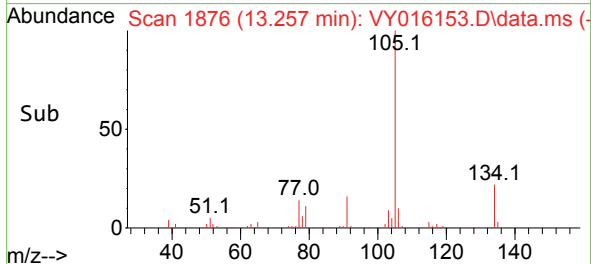
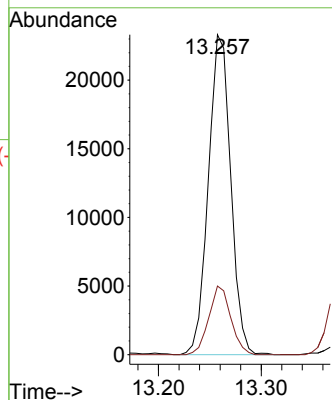
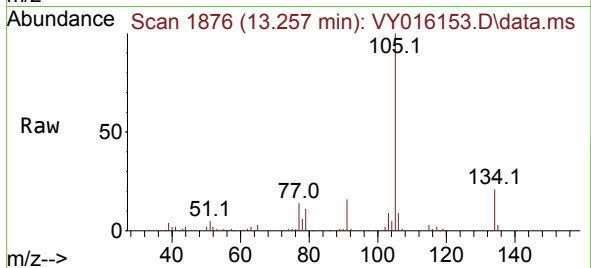
ClientSampleId :

Tgt Ion:105 Resp: 35251

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 3.790 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

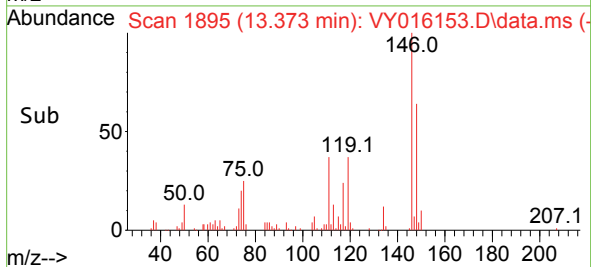
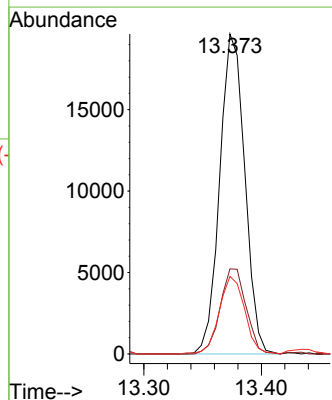
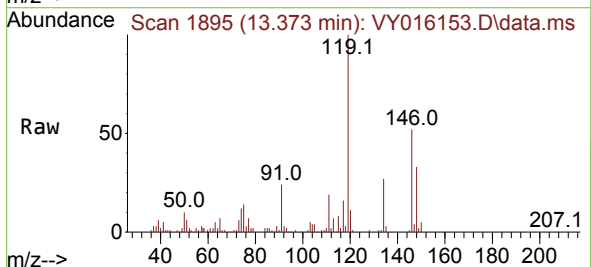
Tgt Ion:119 Resp: 29132

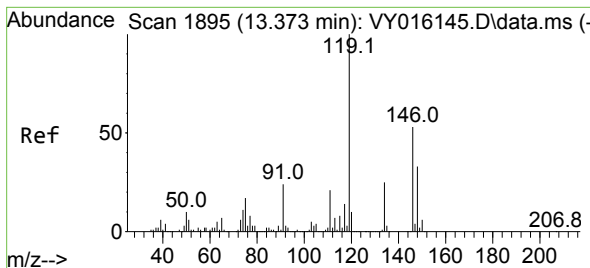
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 4.094 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016153.D

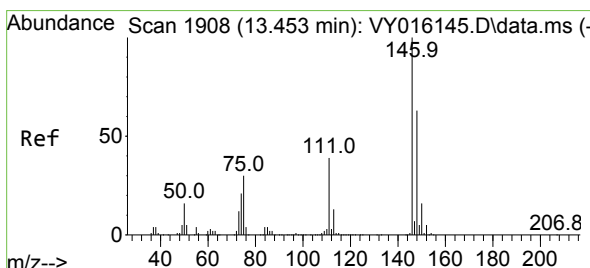
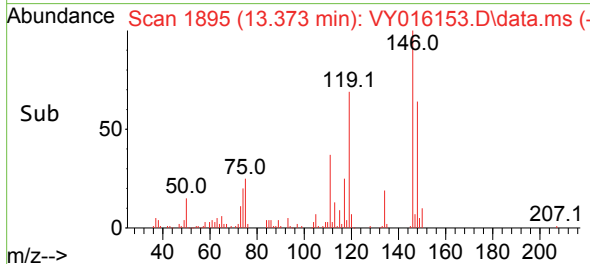
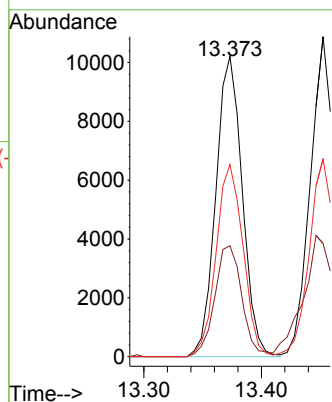
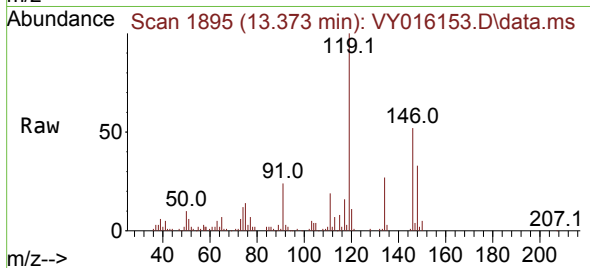
Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	15984
Ion Ratio	Lower	Upper
146	100	
111	38.0	19.4 58.2
148	65.0	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 4.187 ug/l

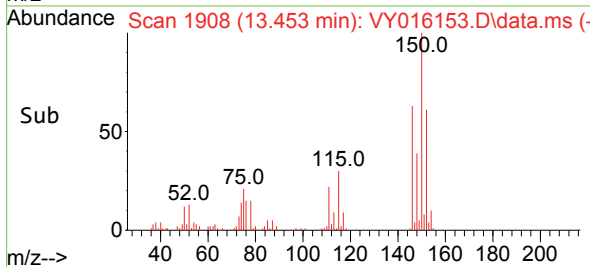
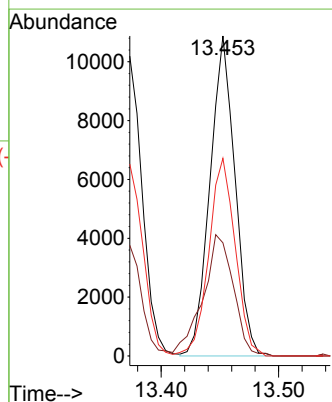
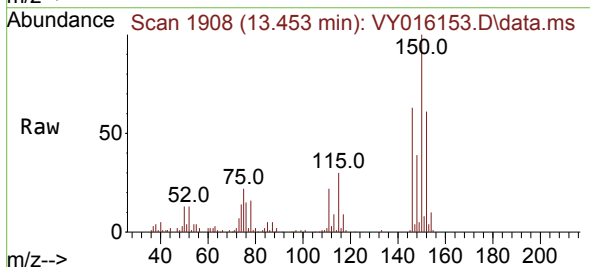
RT: 13.453 min Scan# 1908

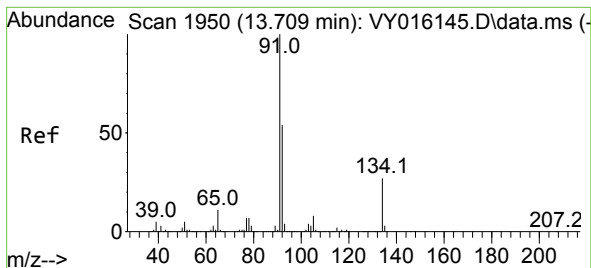
Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Tgt Ion:146	Resp:	16156
Ion Ratio	Lower	Upper
146	100	
111	46.2	18.9 56.7
148	65.1	32.1 96.5





#89

n-Butylbenzene

Concen: 3.954 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

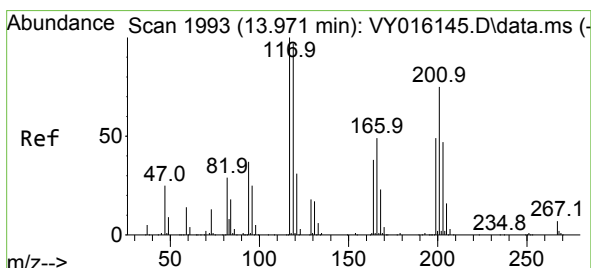
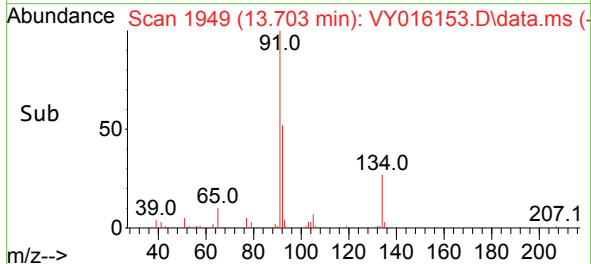
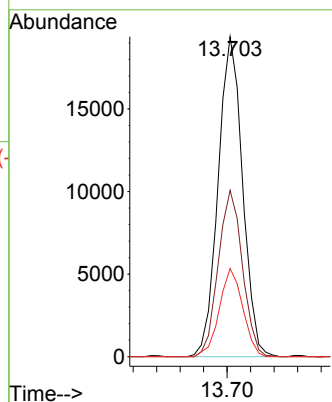
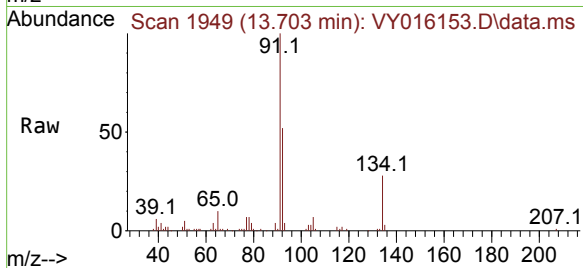
Tgt Ion: 91 Resp: 27929

Ion Ratio Lower Upper

91 100

92 51.5 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 3.655 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016153.D

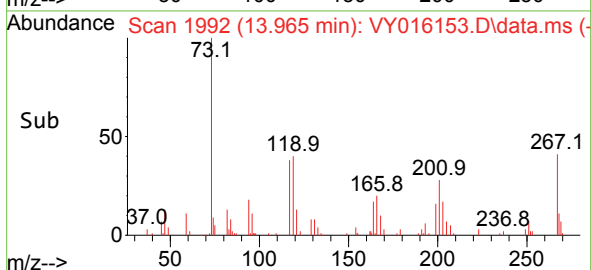
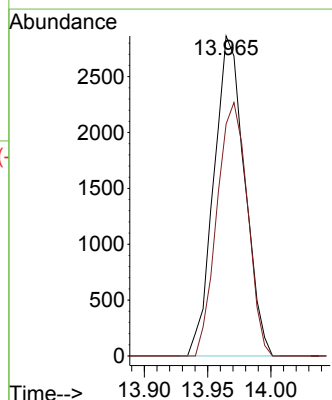
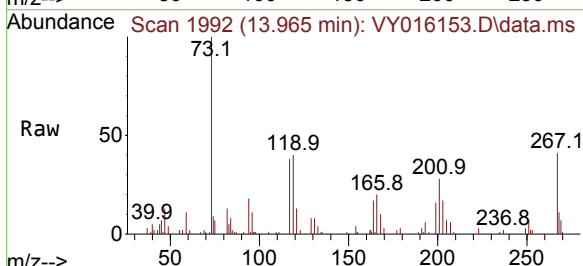
Acq: 31 Oct 2023 17:59

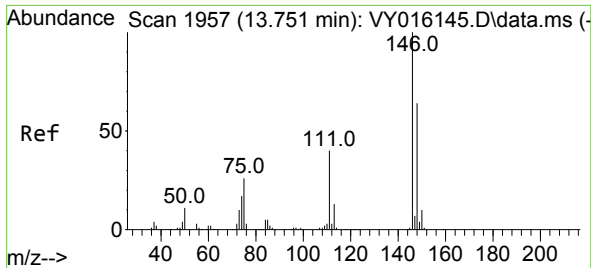
Tgt Ion: 117 Resp: 4842

Ion Ratio Lower Upper

117 100

201 78.6 41.6 124.8

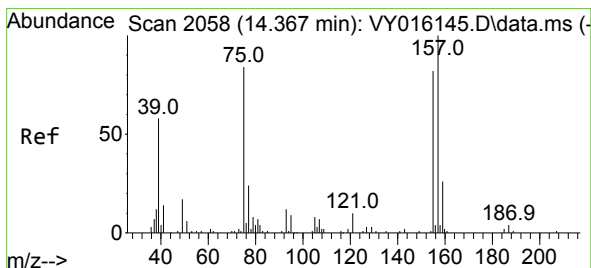
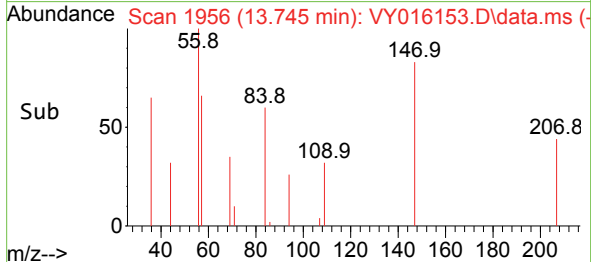
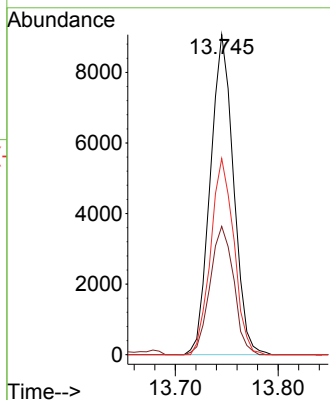
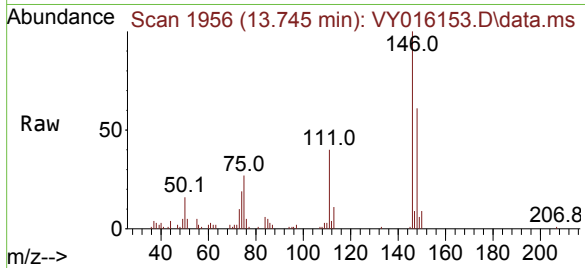




#91
 1,2-Dichlorobenzene
 Concen: 4.216 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

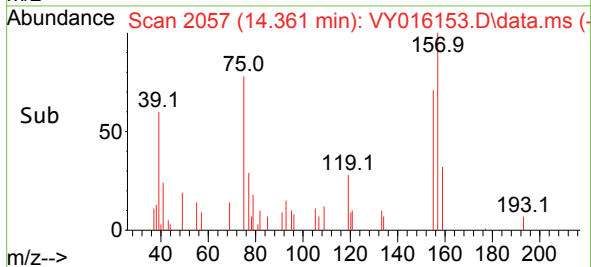
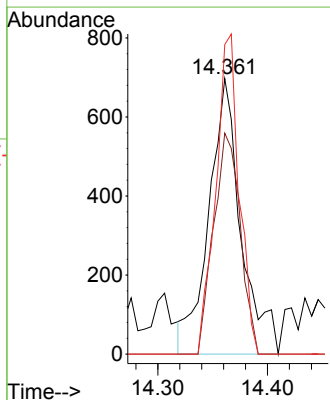
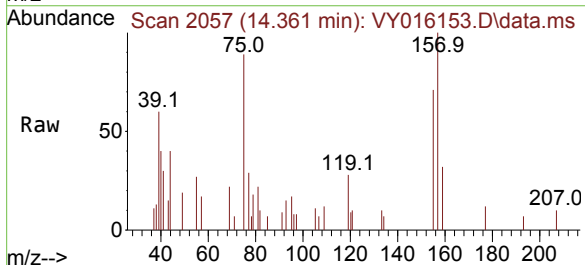
Instrument :
 MSVOA_Y
 ClientSampleId :

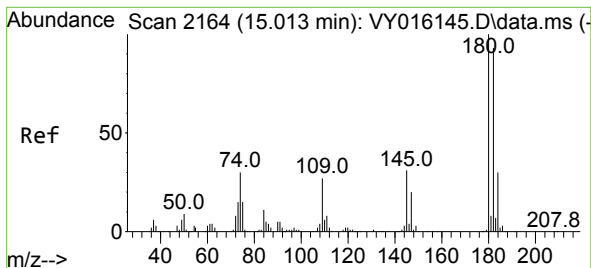
Tgt Ion:146 Resp: 14220
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 61.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.704 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.006 min
 Lab File: VY016153.D
 Acq: 31 Oct 2023 17:59

Tgt Ion: 75 Resp: 1416
 Ion Ratio Lower Upper
 75 100
 155 66.8 41.5 124.6
 157 85.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 4.363 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

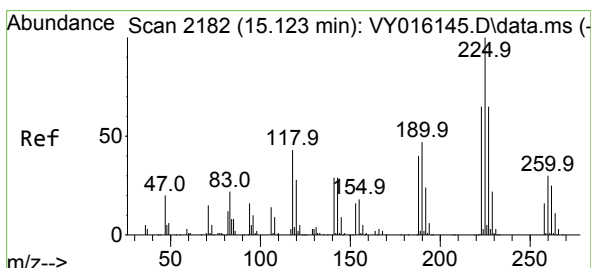
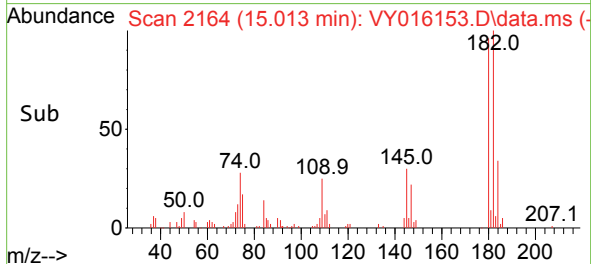
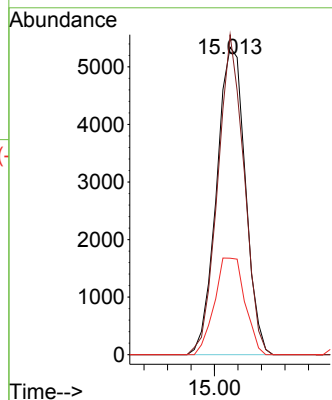
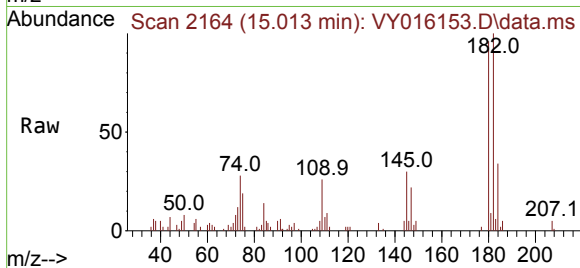
Tgt Ion:180 Resp: 9083

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 33.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 4.502 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

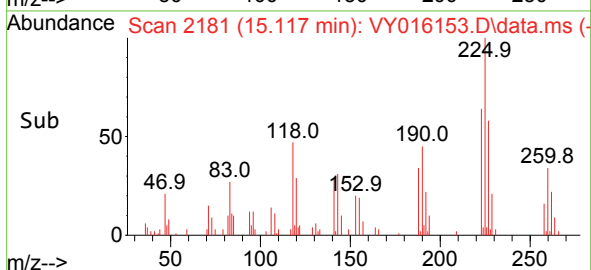
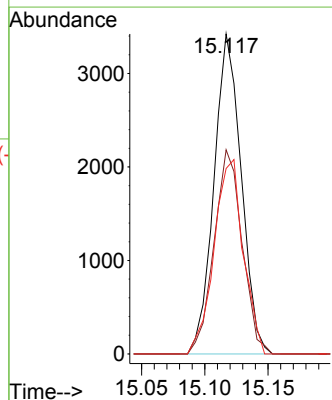
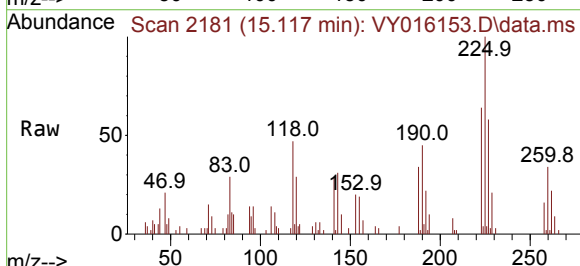
Tgt Ion:225 Resp: 5122

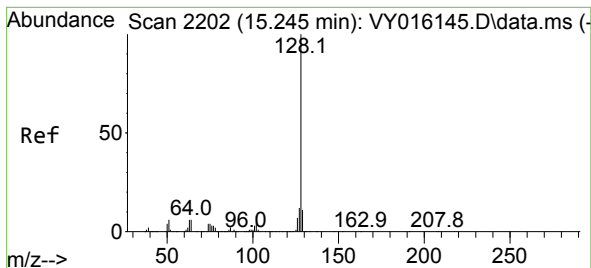
Ion Ratio Lower Upper

225 100

223 65.7 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 4.522 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016153.D

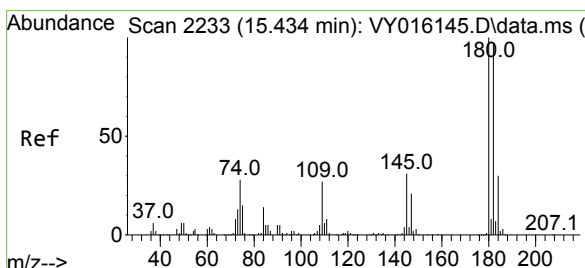
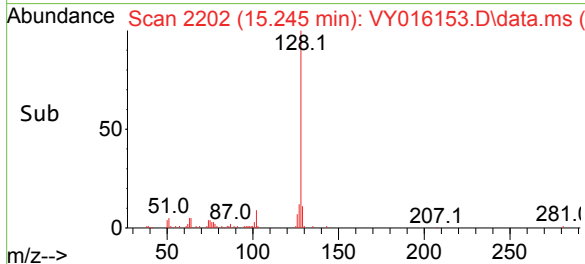
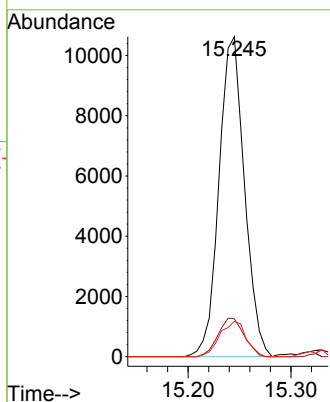
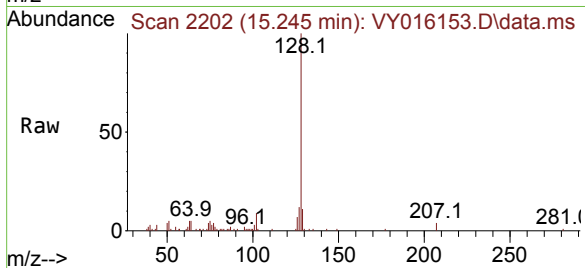
Acq: 31 Oct 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	18290
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.8 16.2
129	11.4	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.451 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016153.D

Acq: 31 Oct 2023 17:59

Tgt Ion:180	Resp:	7915
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.3 141.8
145	33.0	15.4 46.2

