

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011365.D
 Acq On : 08 Nov 2022 16:26
 Operator : KP/MD
 Sample : N5415-13RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 17:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

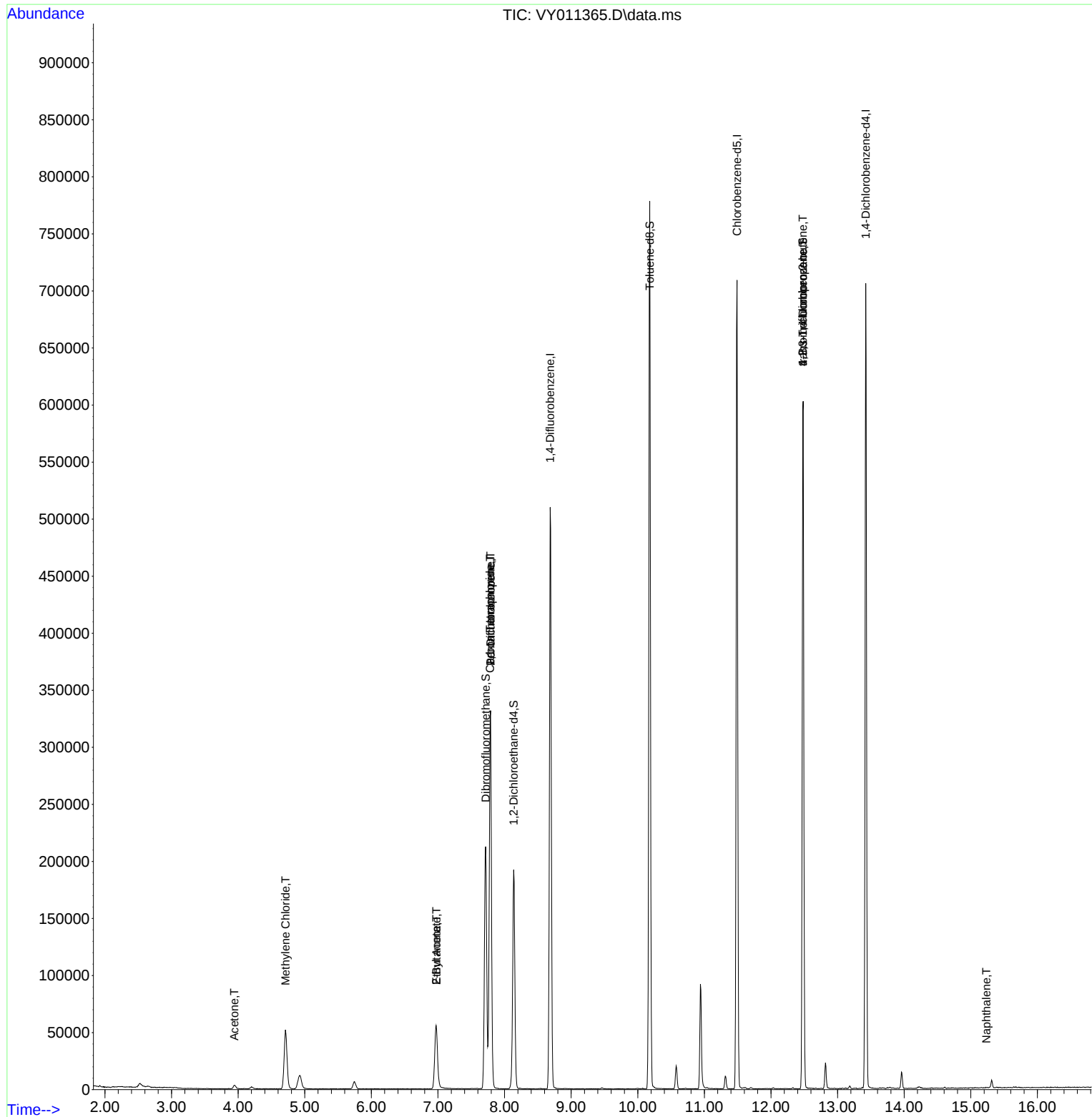
Internal Standards						
1) Pentafluorobenzene	7.789	168	268505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	450036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	408308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143776	50.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.140%	
35) Dibromofluoromethane	7.716	113	156854	54.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.179	98	525569	46.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.477	95	184414	47.318	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	157	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	12070	Below Cal	#	77
16) Acetone	3.942	43	5716	6.594	ug/l #	89
20) Methylene Chloride	4.710	84	41223	7.337	ug/l #	81
25) 2-Butanone	6.978	43	3123	2.560	ug/l #	89
36) 1,1-Dichloropropene	7.789	75	19382	4.105	ug/l #	50
37) Ethyl Acetate	6.978	43	3123	1.227	ug/l #	1
38) Carbon Tetrachloride	7.783	117	25349	5.175	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	89962	39.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89962	84.226	ug/l #	7
95) Naphthalene	15.233	128	397	4.012	ug/l #	69

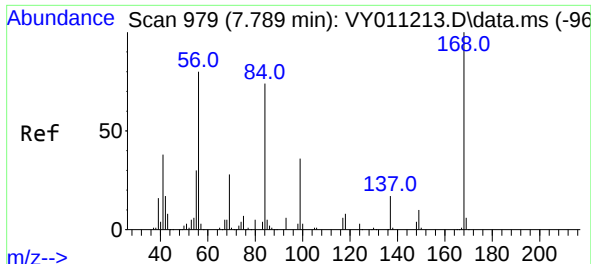
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

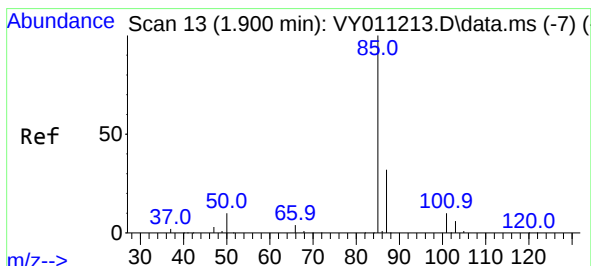
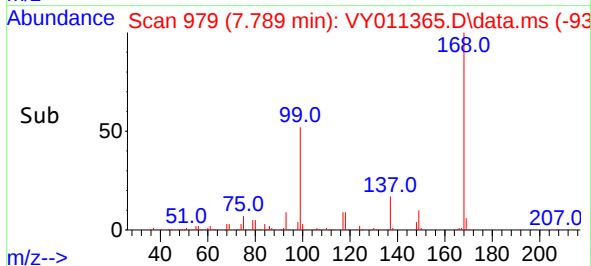
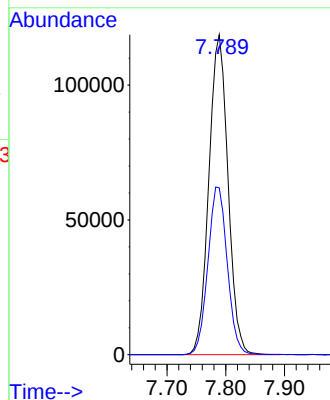
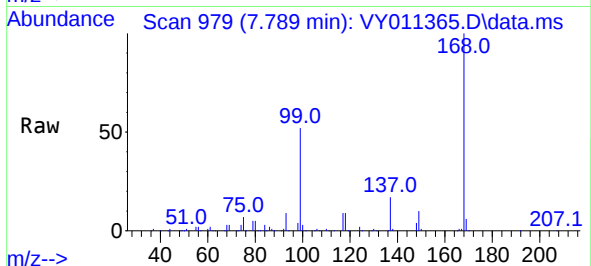




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

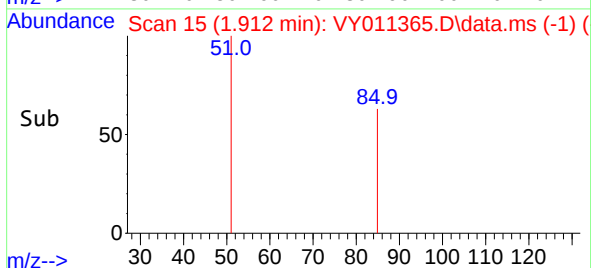
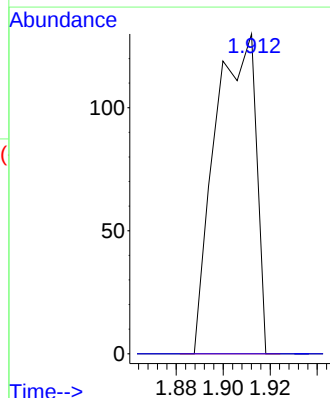
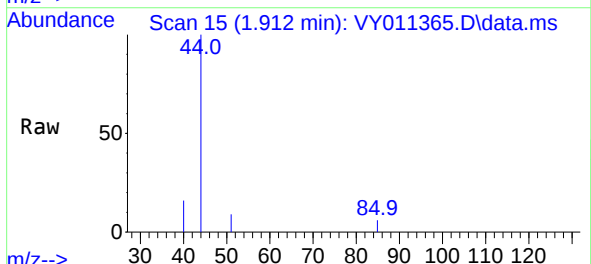
Instrument :
MSVOA_Y
ClientSampleId :

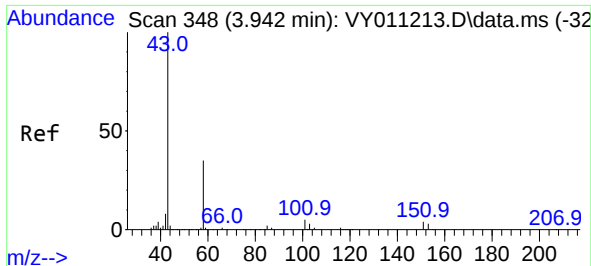
Tgt Ion:168 Resp: 268505
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 85 Resp: 157
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

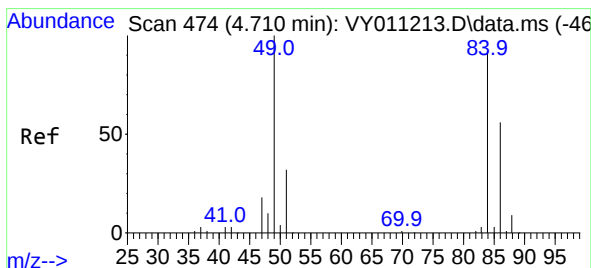
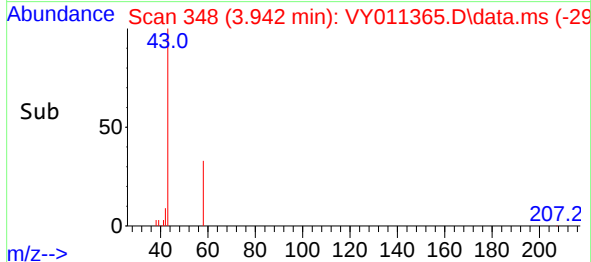
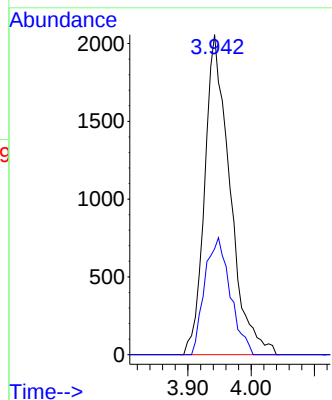
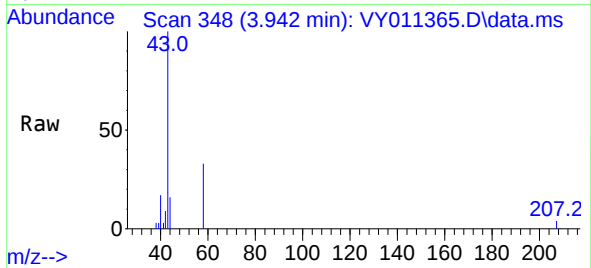




#16
Acetone
Concen: 6.594 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

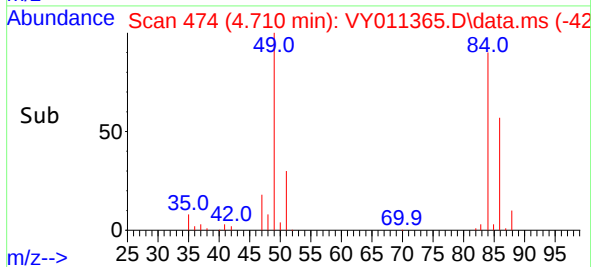
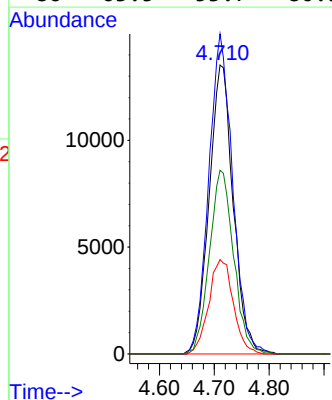
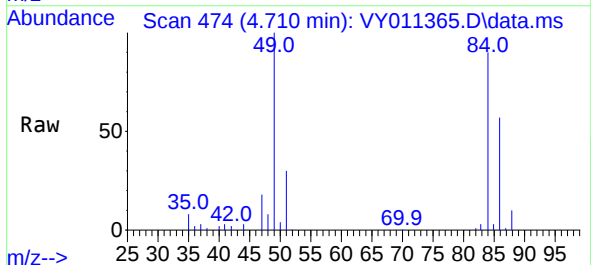
Instrument :
MSVOA_Y
ClientSampleId :

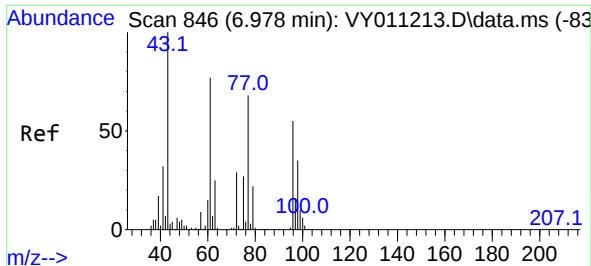
Tgt Ion: 43 Resp: 5716
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#



#20
Methylene Chloride
Concen: 7.337 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 84 Resp: 41223
Ion Ratio Lower Upper
84 100
49 110.7 114.4 171.6#
51 32.7 35.3 52.9#
86 63.5 53.7 80.5

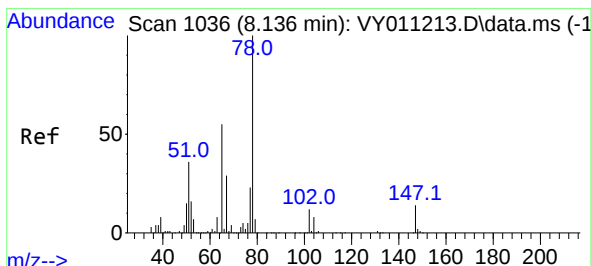
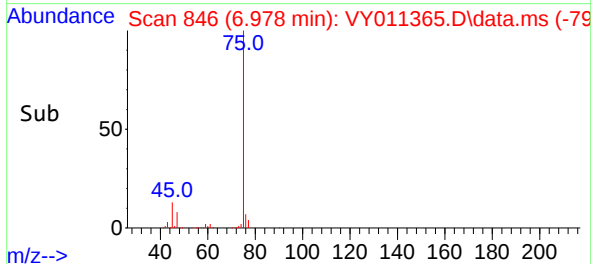
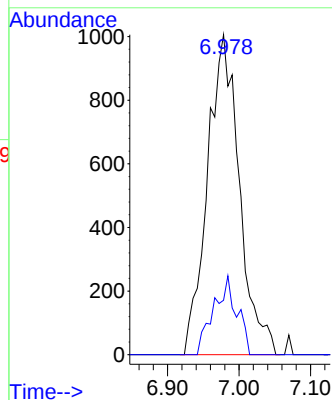
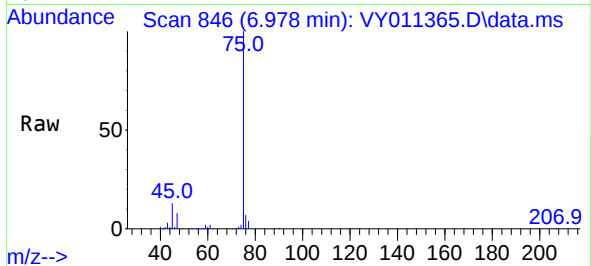




#25
2-Butanone
Concen: 2.560 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

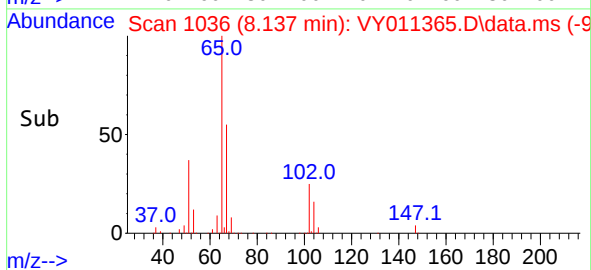
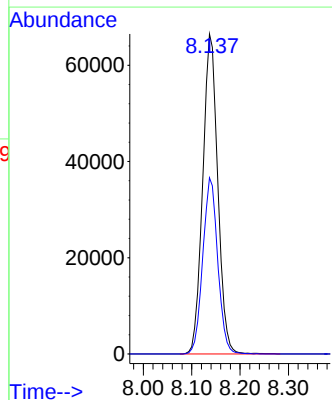
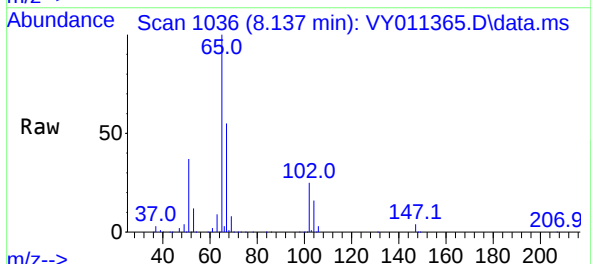
Instrument :
MSVOA_Y
ClientSampleId :

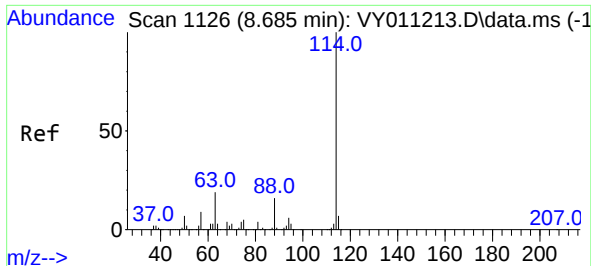
Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
72 17.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 50.067 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

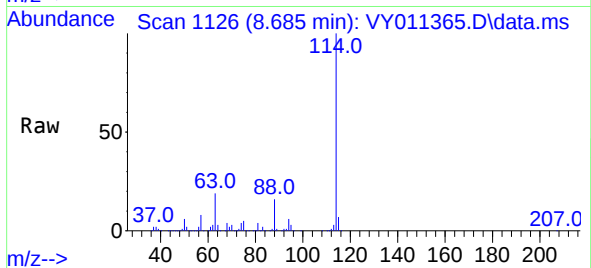
Tgt Ion: 65 Resp: 143776
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4



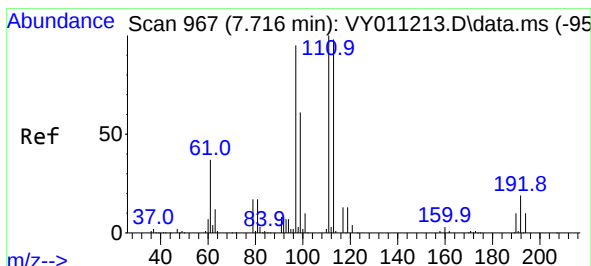
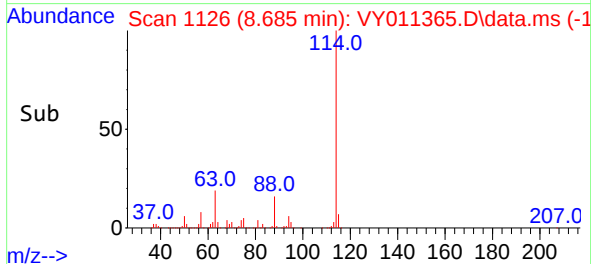
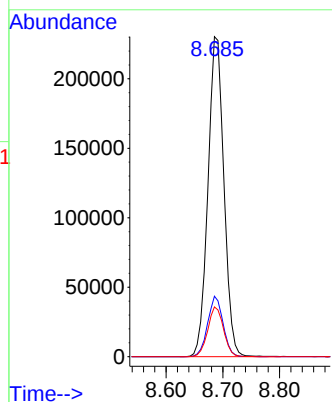


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

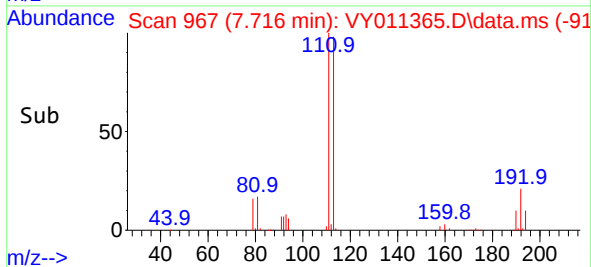
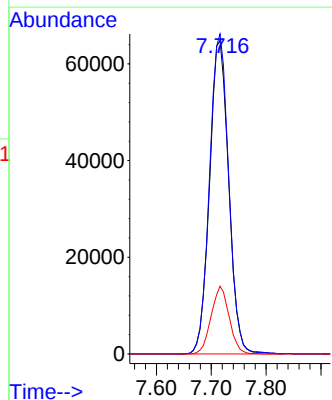
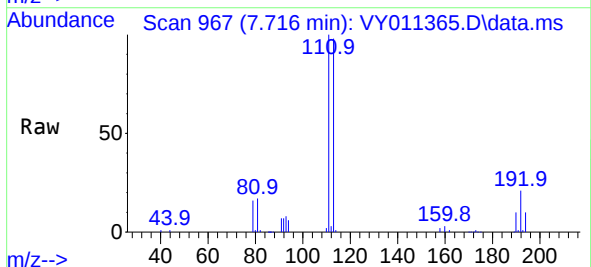


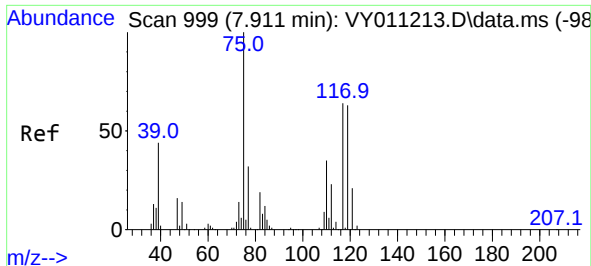
Tgt Ion:114 Resp: 450036
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.247 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion:113 Resp: 156854
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4

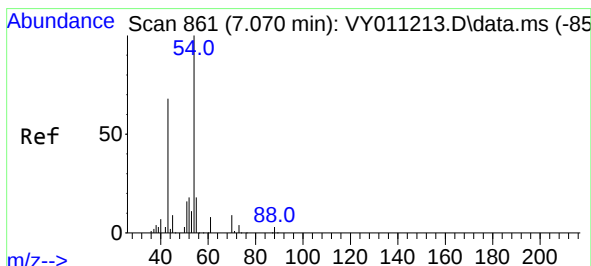
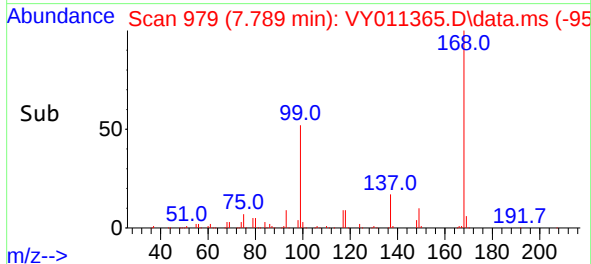
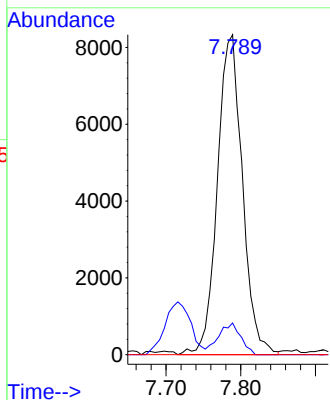
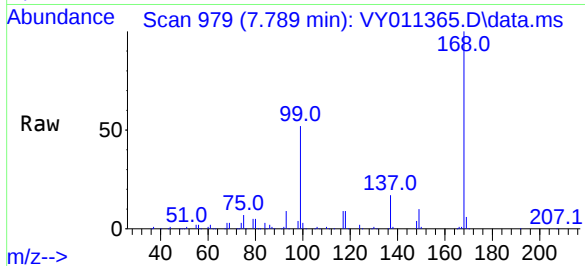




#36
1,1-Dichloropropene
Concen: 4.105 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

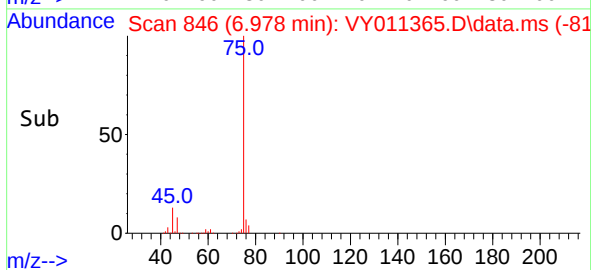
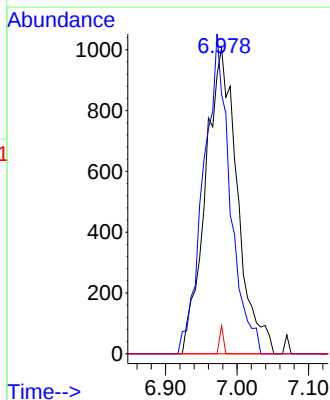
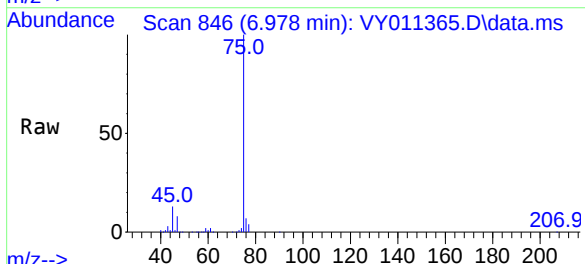
Instrument :
MSVOA_Y
ClientSampleId :

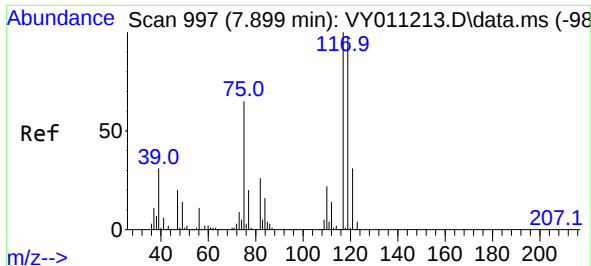
Tgt Ion: 75 Resp: 19382
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.227 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

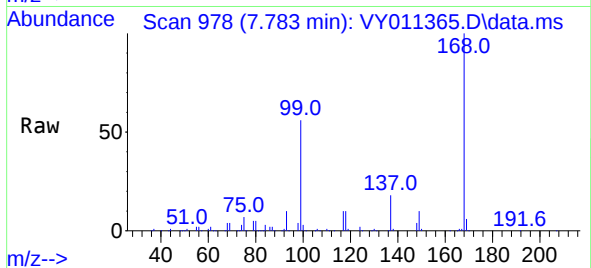
Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
61 86.9 9.7 14.5#
70 1.1 7.1 10.7#



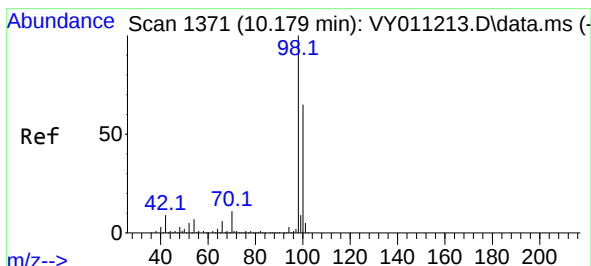
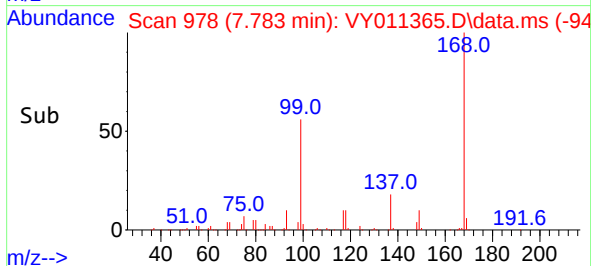
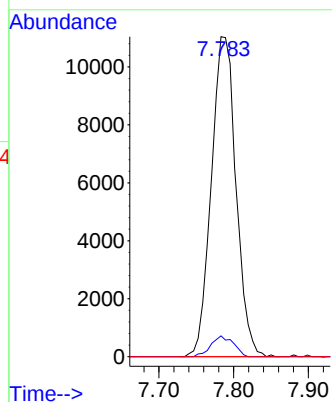


#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_Y
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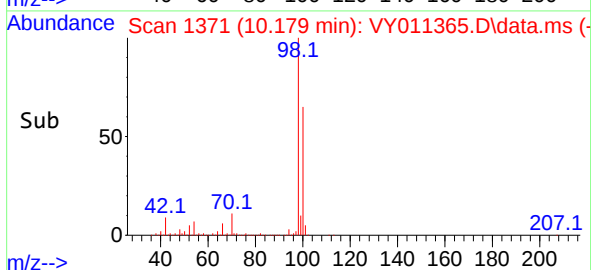
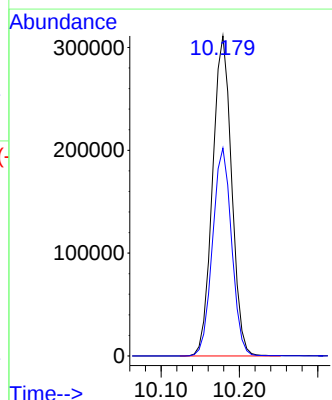
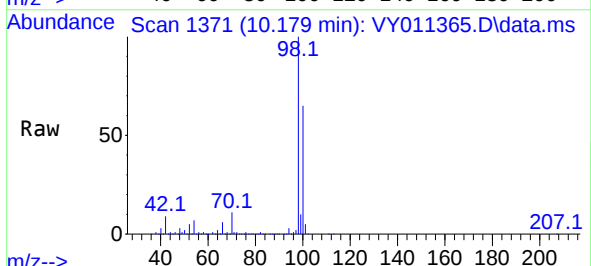


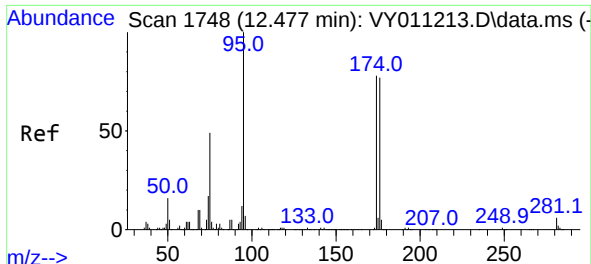
Tgt Ion:117 Resp: 25349
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.816 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 98 Resp: 525569
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

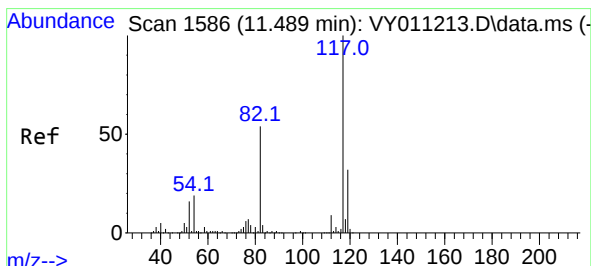
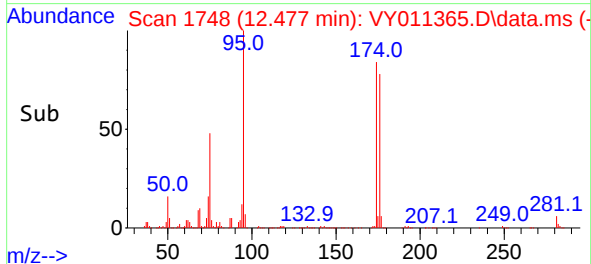
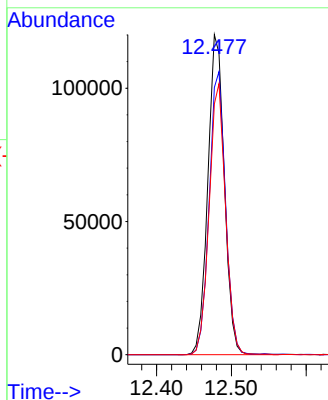
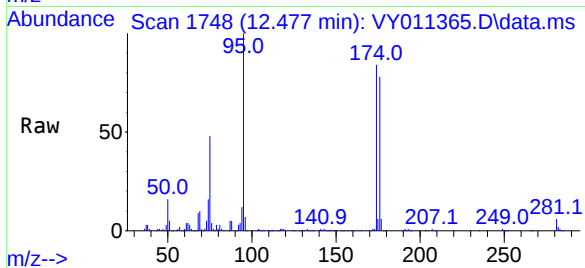




#62
4-Bromofluorobenzene
Concen: 47.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

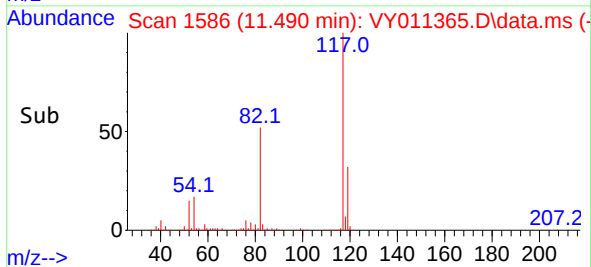
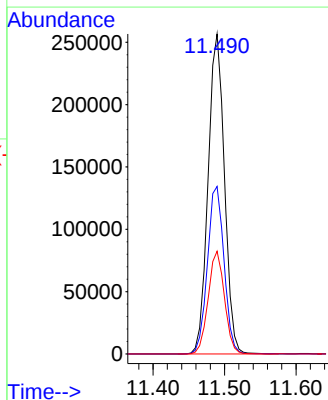
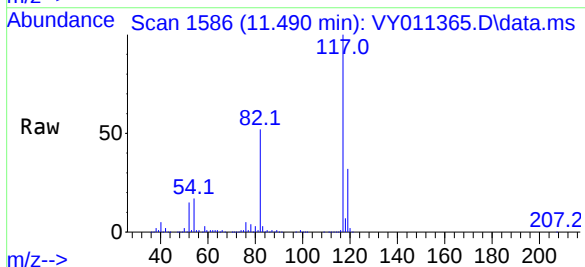
Instrument :
MSVOA_Y
ClientSampleId :

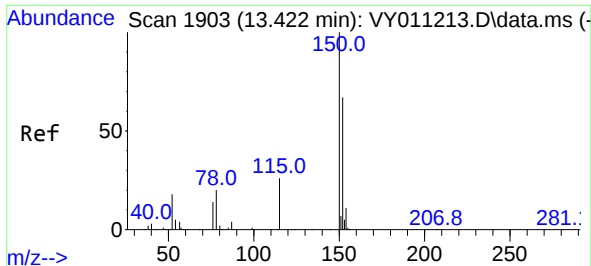
Tgt Ion: 95 Resp: 184414
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 117 Resp: 408308
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.1 25.4 38.0

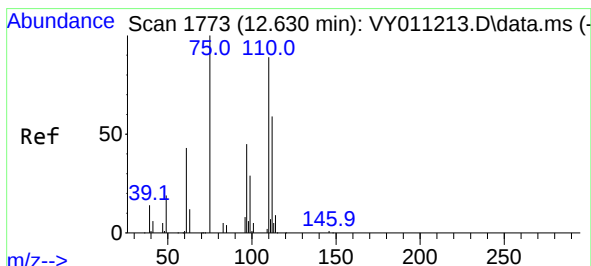
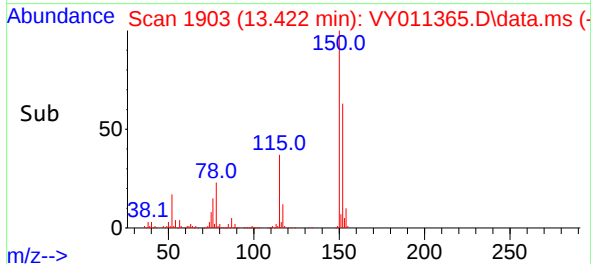
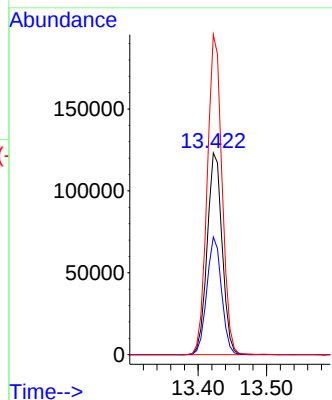
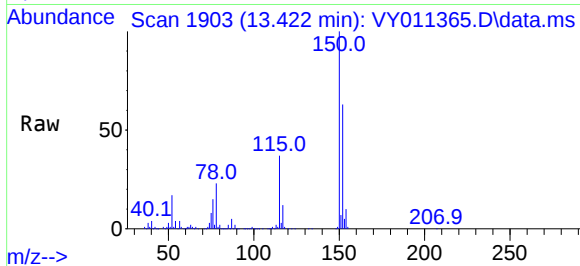




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011365.D
 Acq: 08 Nov 2022 16:26

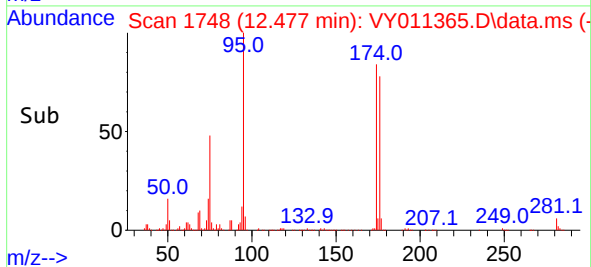
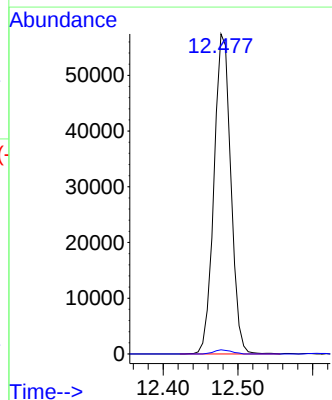
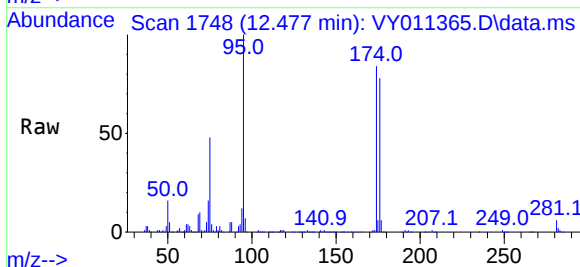
Instrument :
 MSVOA_Y
 ClientSampleId :

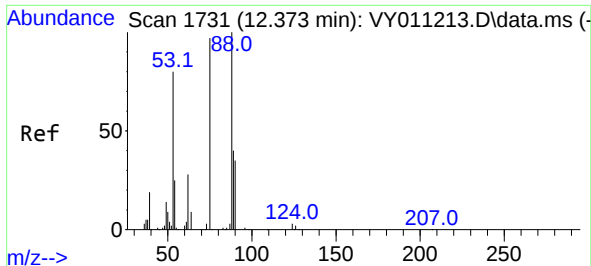
Tgt Ion:152 Resp: 187765
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.355 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011365.D
 Acq: 08 Nov 2022 16:26

Tgt Ion: 75 Resp: 89962
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

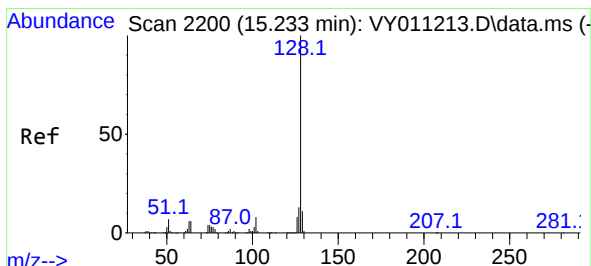
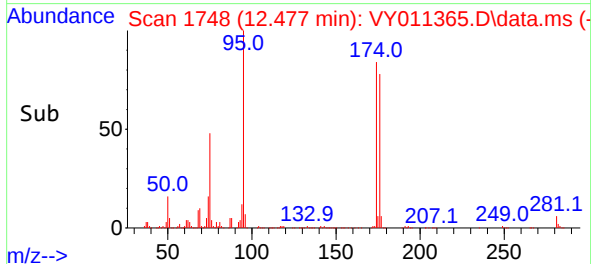
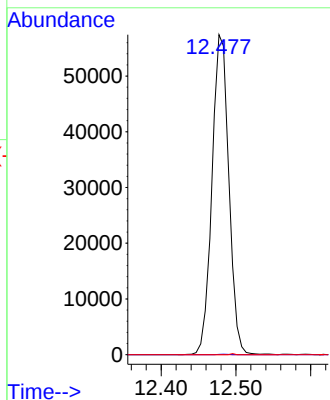
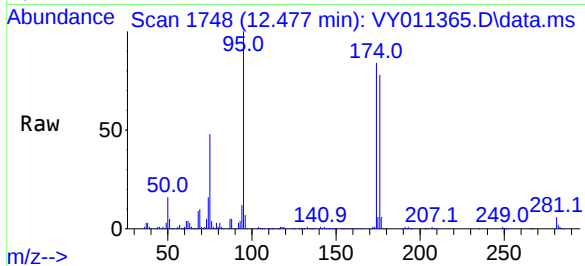




#81
trans-1,4-Dichloro-2-butene
Concen: 84.226 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 89962
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.012 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011365.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 128 Resp: 397
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

