

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013101.D
 Acq On : 27 Mar 2023 18:51
 Operator : KP/MD
 Sample : 02111-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-BOTH

Quant Time: Mar 28 01:47:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

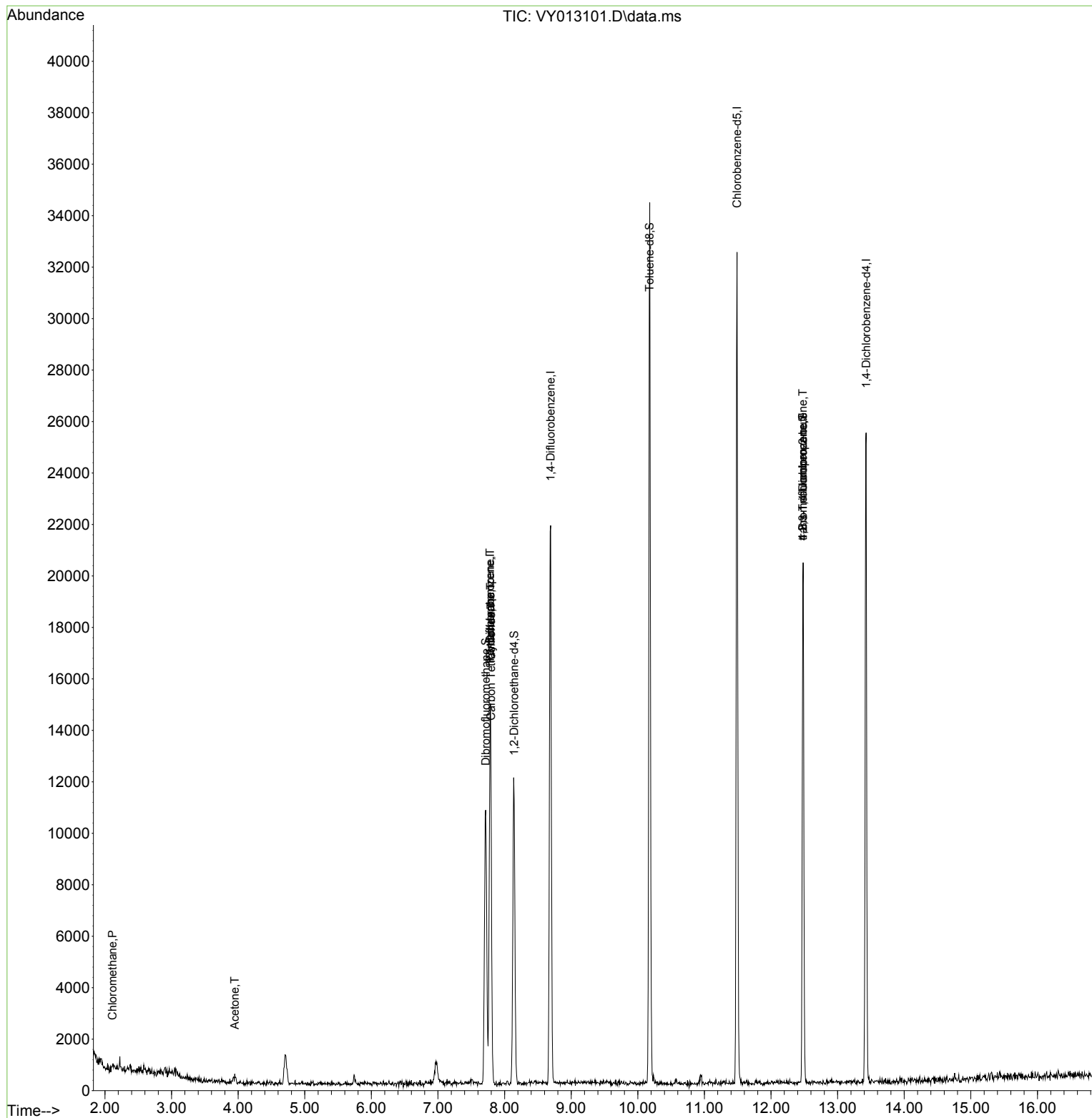
Internal Standards						
1) Pentafluorobenzene	7.783	168	11742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8939	76.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.360%	
35) Dibromofluoromethane	7.716	113	7832	70.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.600%	
50) Toluene-d8	10.179	98	22081	54.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.440%	
62) 4-Bromofluorobenzene	12.477	95	6270	45.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	177	1.279	ug/l #	42
16) Acetone	3.948	43	606	13.243	ug/l	95
31) Cyclohexane	7.789	56	226	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1019	5.458	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1090	5.654	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	3233	39.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3233	81.858	ug/l #	13

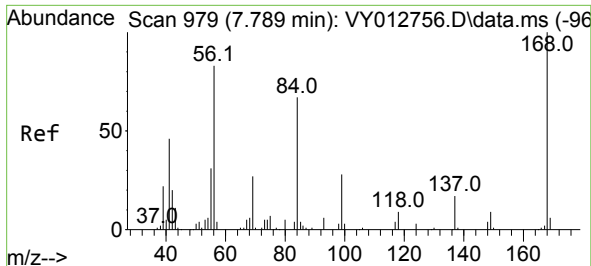
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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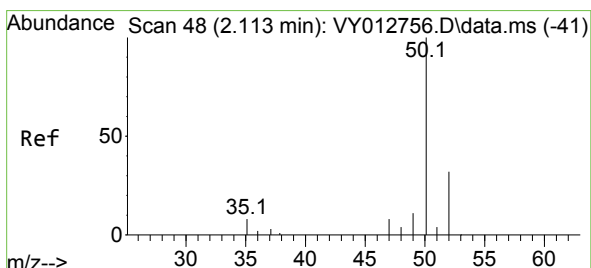
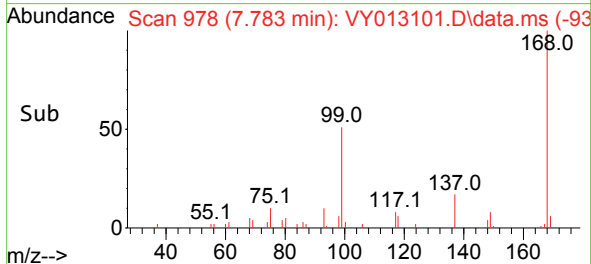
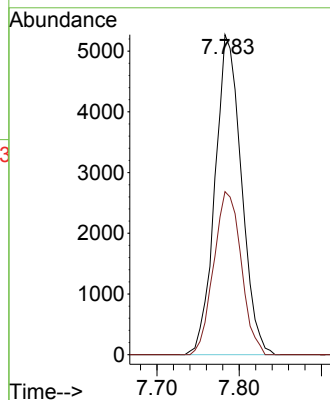
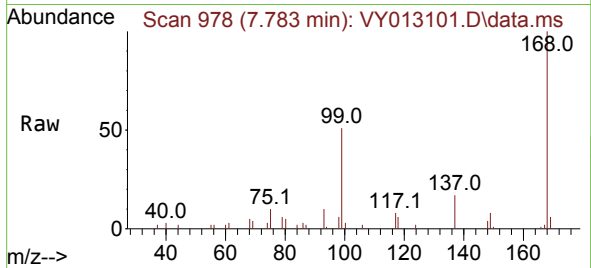




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

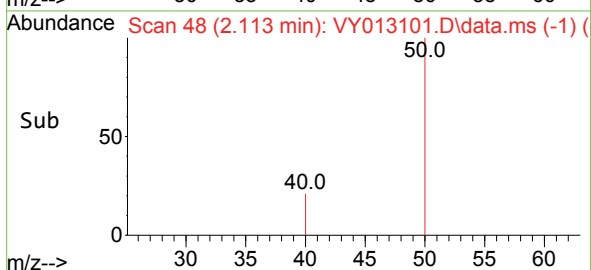
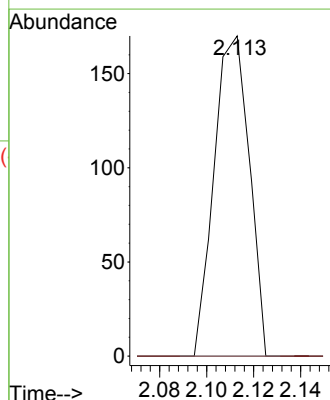
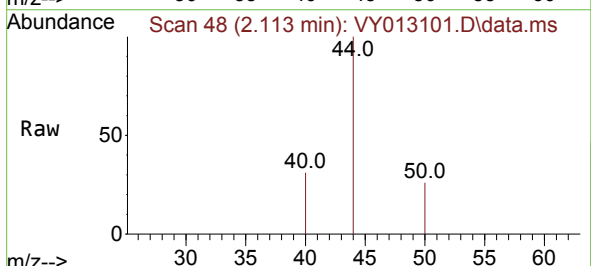
Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTH

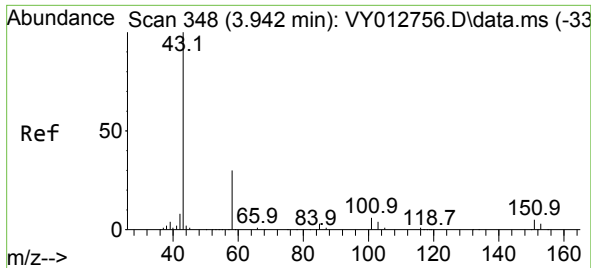
Tgt Ion:168 Resp: 11742
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#3
Chloromethane
Concen: 1.279 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

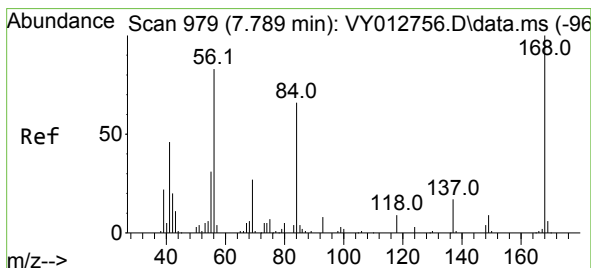
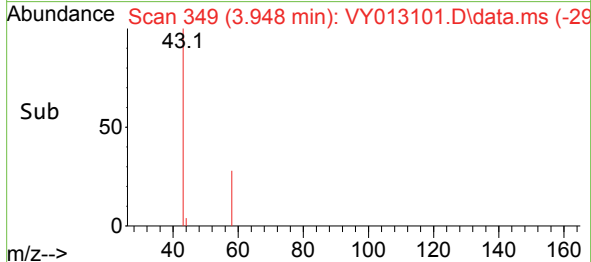
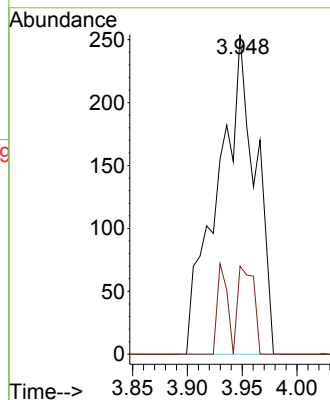
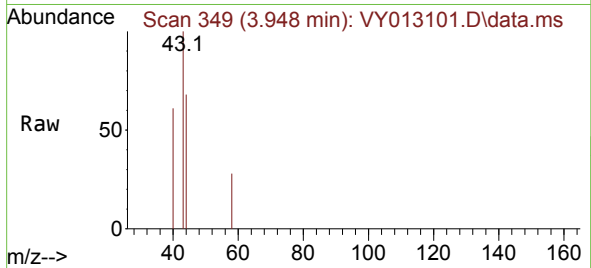




#16
Acetone
Concen: 13.243 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

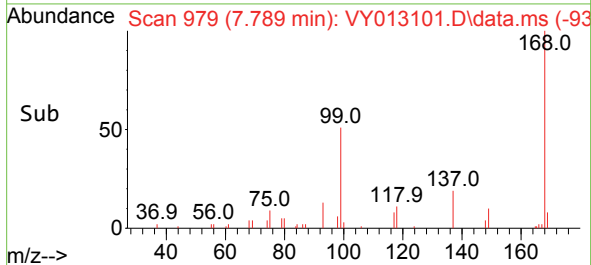
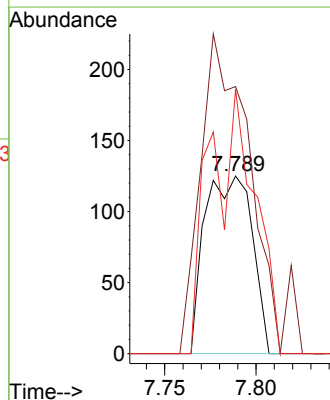
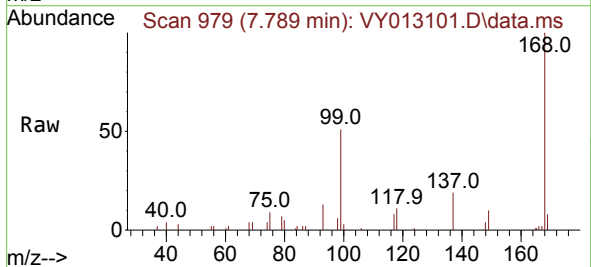
Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTH

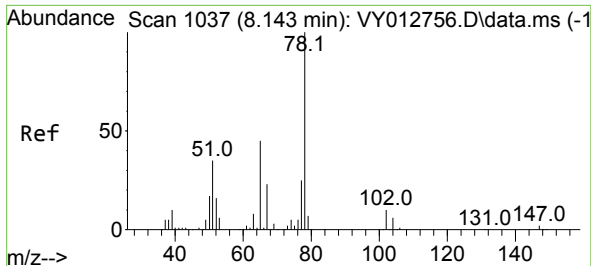
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 27.6 24.2 36.2



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
69 150.4 25.7 38.5#
84 148.8 64.3 96.5#

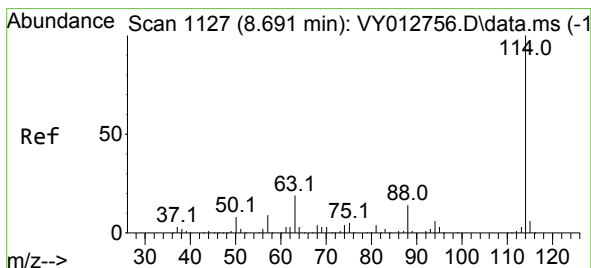
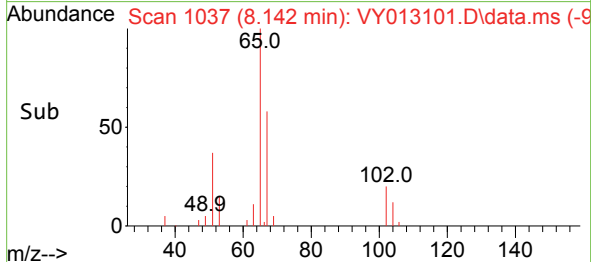
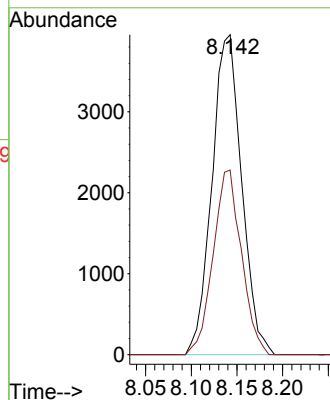
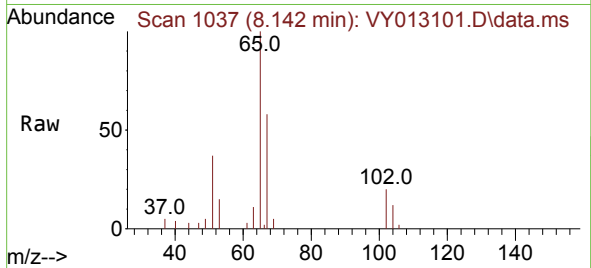




#33
 1,2-Dichloroethane-d4
 Concen: 76.675 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013101.D
 Acq: 27 Mar 2023 18:51

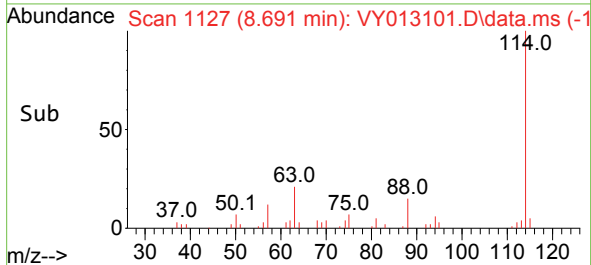
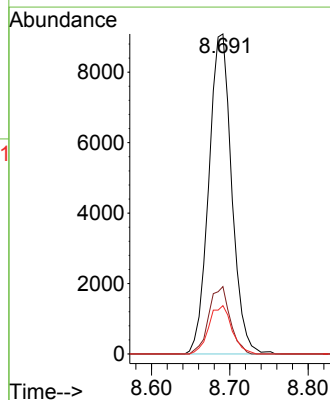
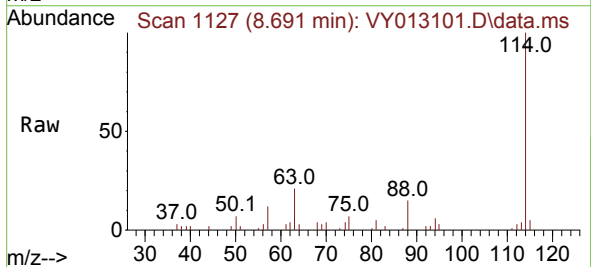
Instrument :
 MSVOA_Y
 ClientSampleId :
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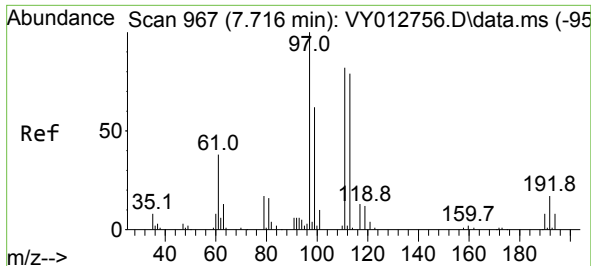
Tgt Ion: 65 Resp: 8939
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013101.D
 Acq: 27 Mar 2023 18:51

Tgt Ion: 114 Resp: 18460
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.1 0.0 28.6

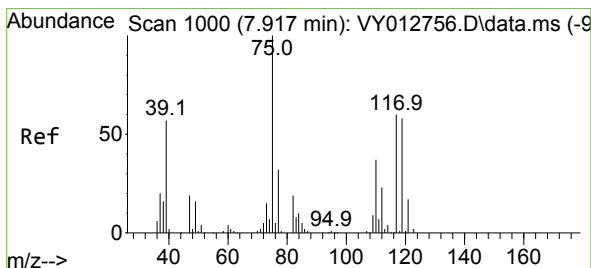
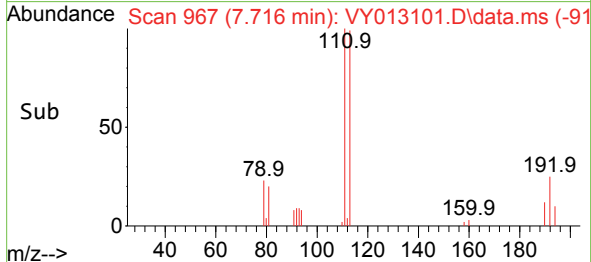
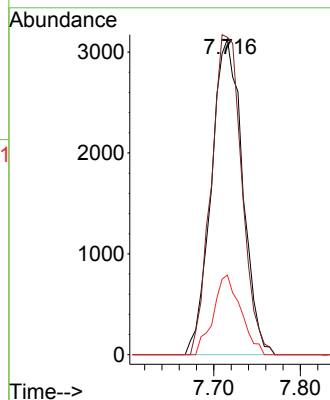
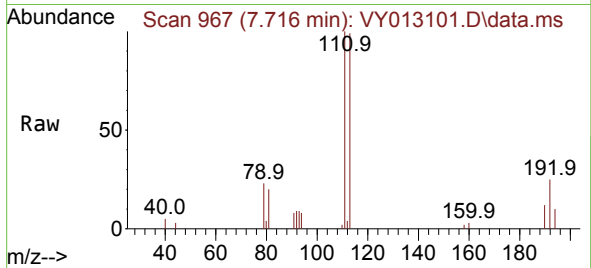




#35
Dibromofluoromethane
Concen: 70.302 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

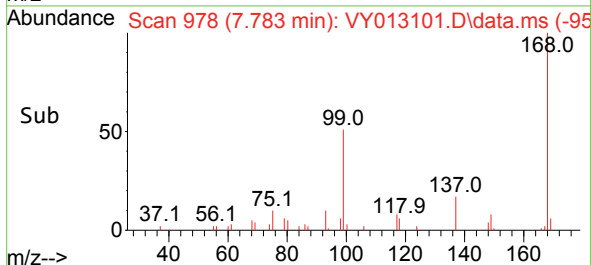
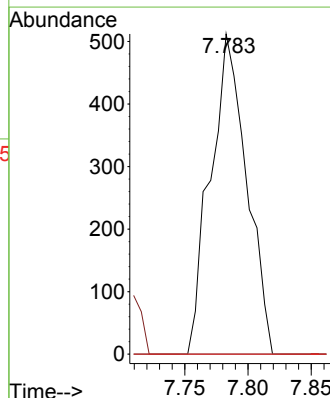
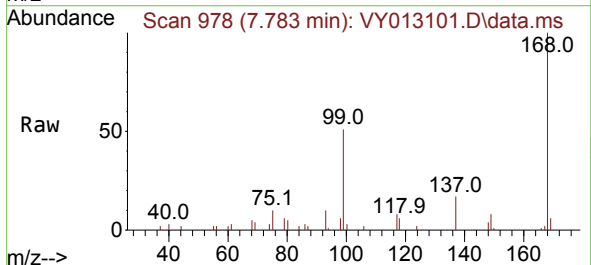
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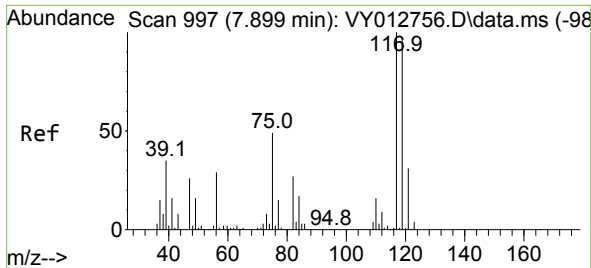
Tgt Ion:113 Resp: 7832
Ion Ratio Lower Upper
113 100
111 99.3 82.2 123.2
192 22.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.458 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#

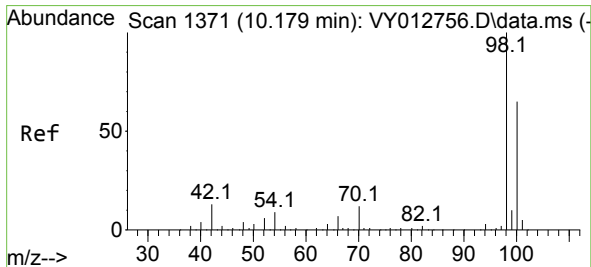
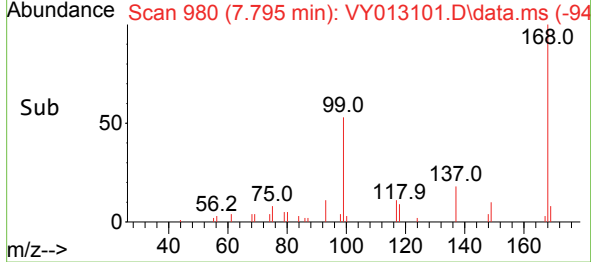
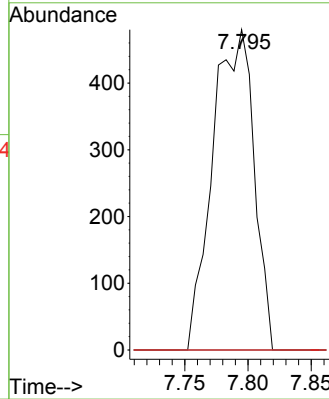
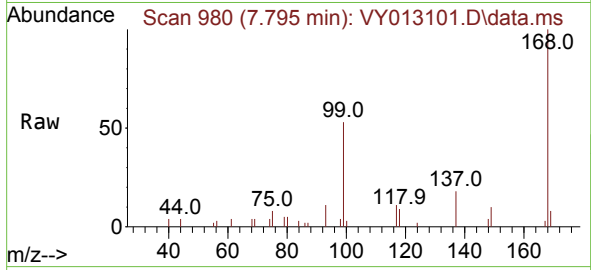




#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 7.795 min Scan# 997
Delta R.T. -0.104 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

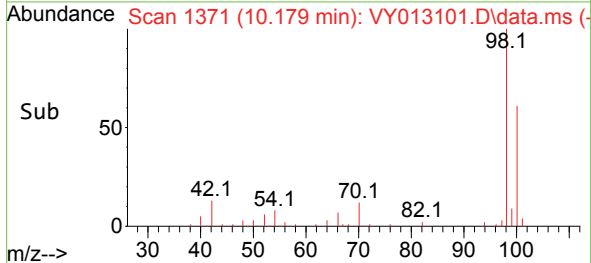
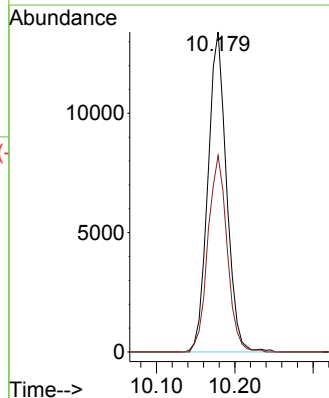
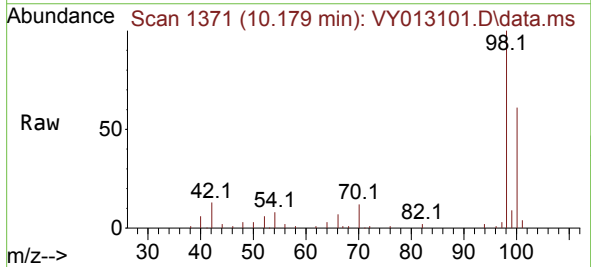
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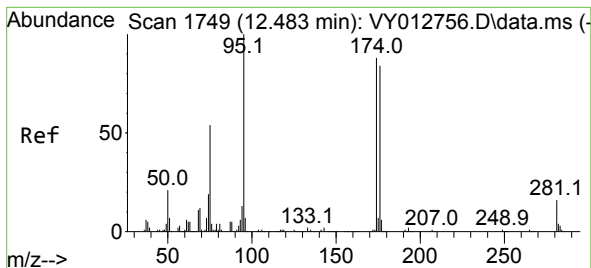
Tgt Ion:117 Resp: 1090
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 98 Resp: 22081
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

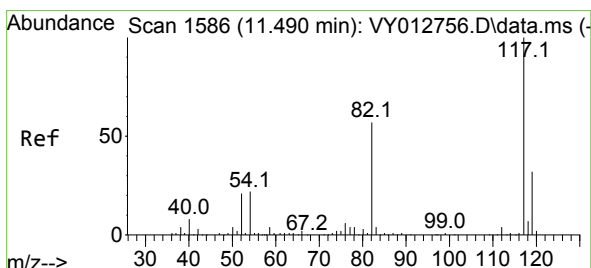
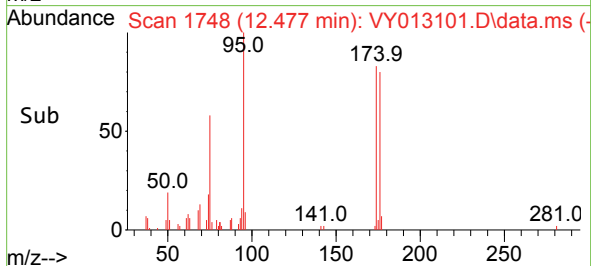
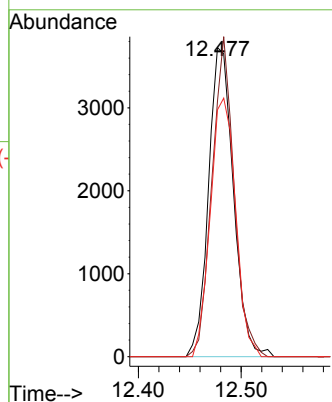
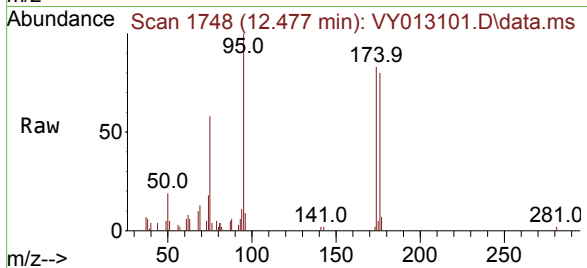




#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

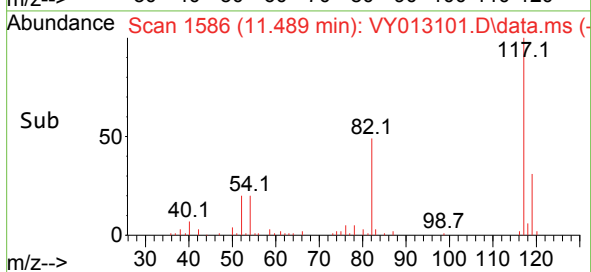
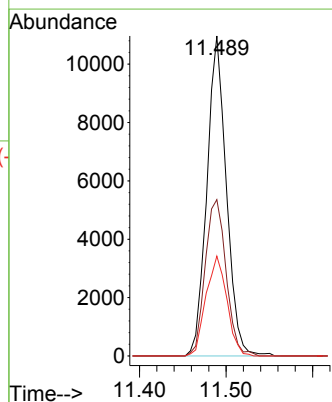
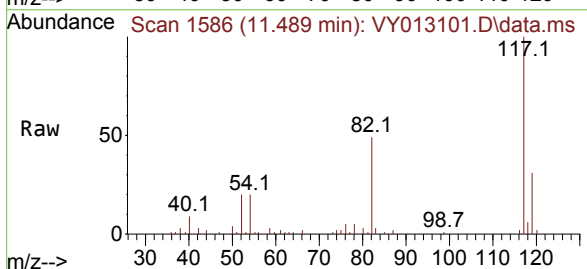
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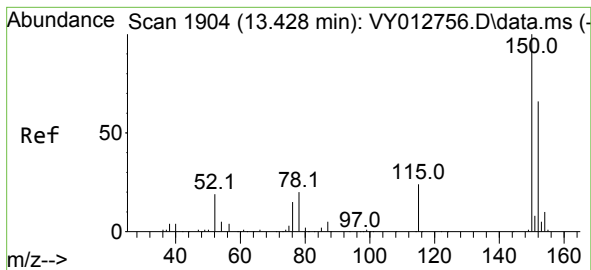
Tgt Ion: 95 Resp: 6270
Ion Ratio Lower Upper
95 100
174 91.8 0.0 176.6
176 84.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 117 Resp: 17167
Ion Ratio Lower Upper
117 100
82 48.8 45.4 68.0
119 31.2 25.6 38.4

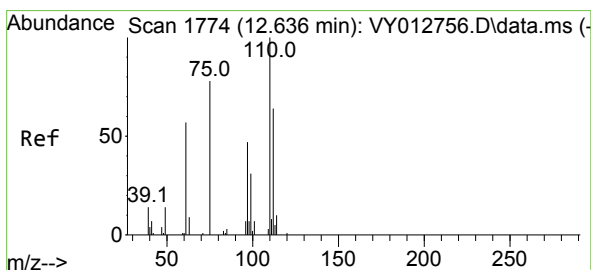
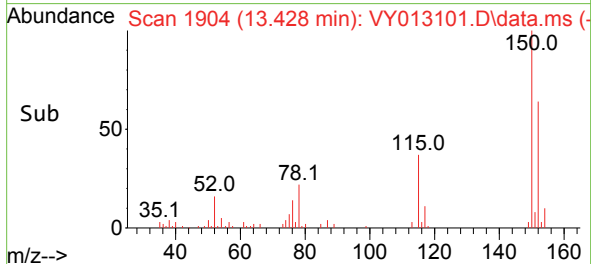
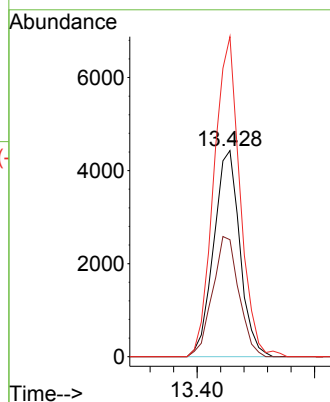
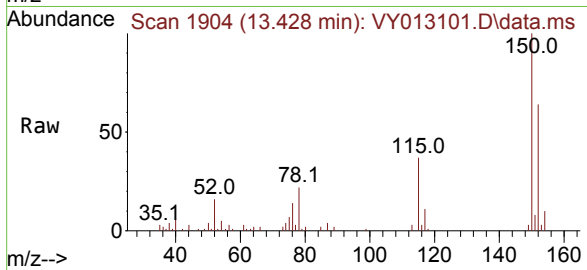




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

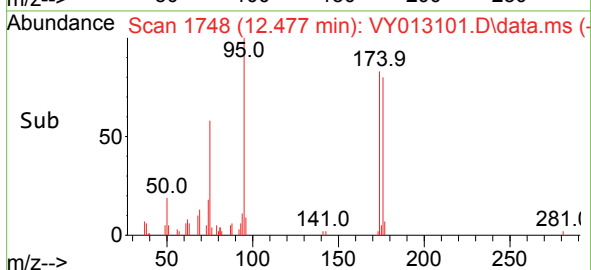
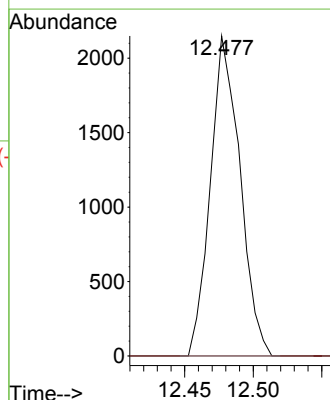
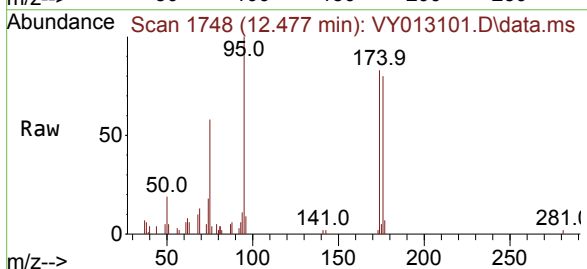
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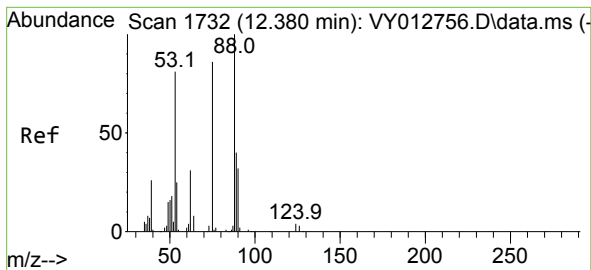
Tgt Ion:152 Resp: 6853
Ion Ratio Lower Upper
152 100
115 58.7 27.1 81.3
150 154.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 39.506 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013101.D
Acq: 27 Mar 2023 18:51

Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.858 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY013101.D
 Acq: 27 Mar 2023 18:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-BOTH

Tgt Ion: 75 Resp: 3233
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

