

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013119.D
 Acq On : 28 Mar 2023 16:11
 Operator : KP/MD
 Sample : 02111-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APCS-BOTPRE

Quant Time: Mar 29 02:30:24 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)

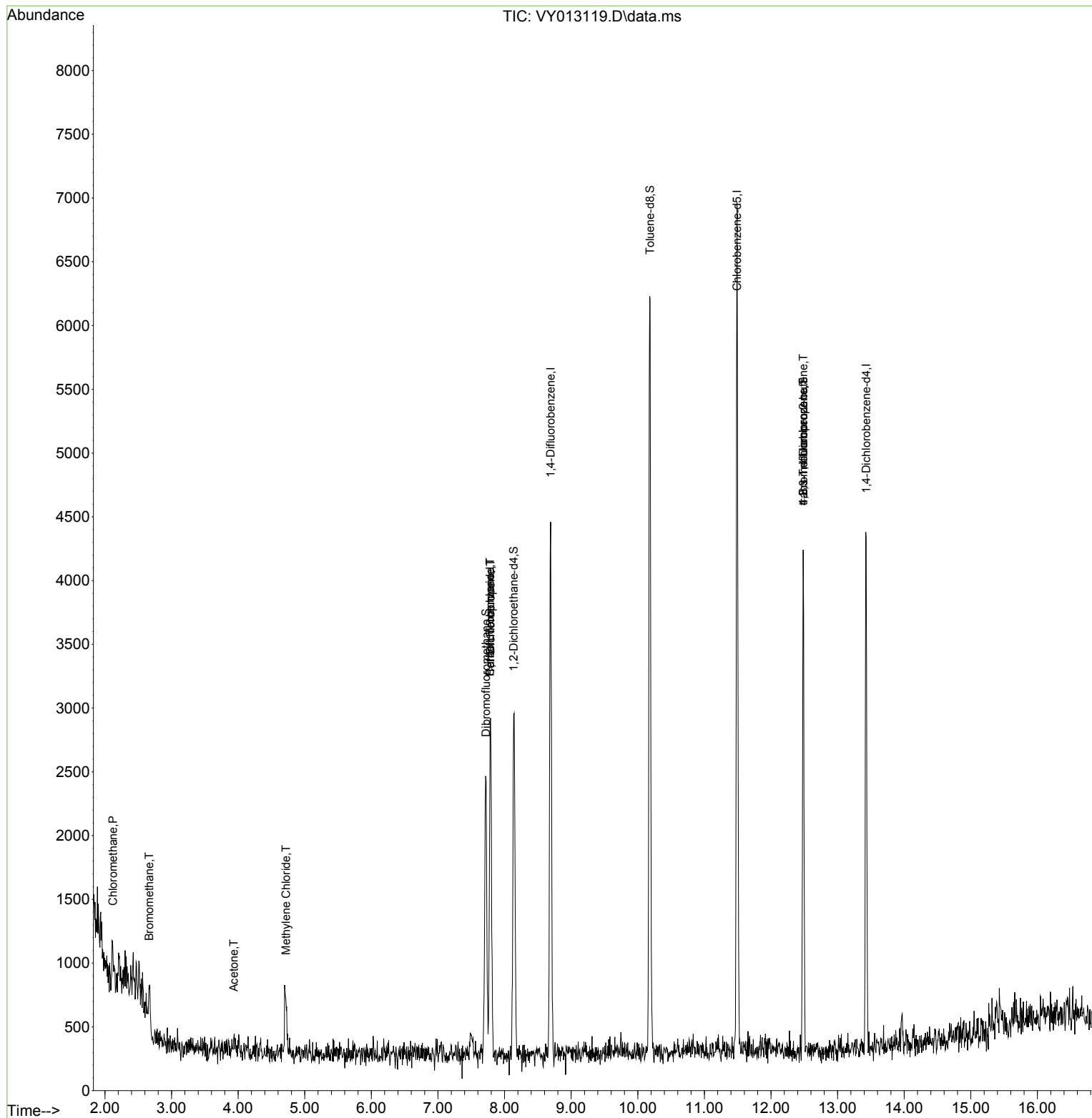
Internal Standards						
1) Pentafluorobenzene	7.783	168	2593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	2300	89.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.680%#	
35) Dibromofluoromethane	7.722	113	1658	68.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.840%	
50) Toluene-d8	10.185	98	4736	53.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.483	95	1414	47.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	151	4.942	ug/l #	42
5) Bromomethane	2.662	94	66	3.877	ug/l #	1
16) Acetone	3.936	43	152	15.042	ug/l #	44
20) Methylene Chloride	4.716	84	288	4.444	ug/l	85
36) 1,1-Dichloropropene	7.789	75	206	5.110	ug/l #	41
38) Carbon Tetrachloride	7.783	117	257	6.174	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	667	43.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	667	91.129	ug/l #	13

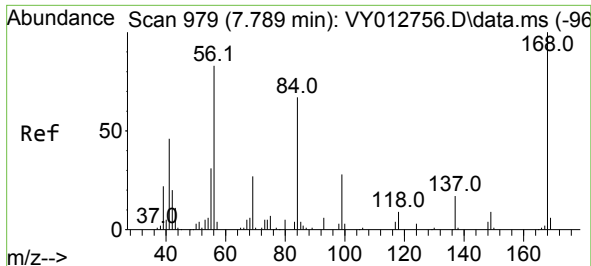
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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APCS-BOTHRE

Quant Time: Mar 29 02:30:24 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

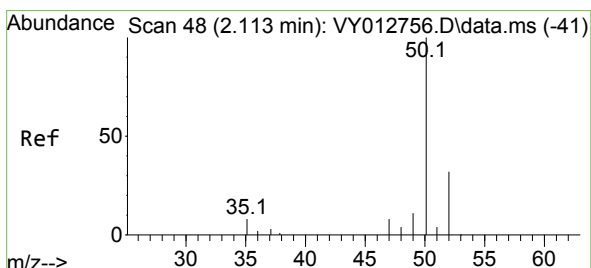
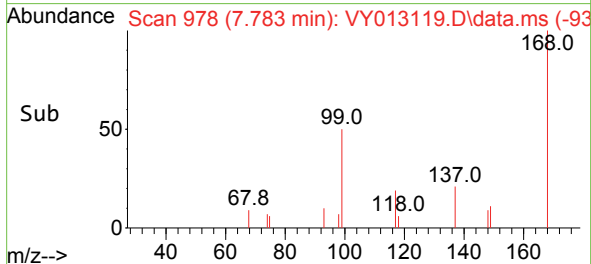
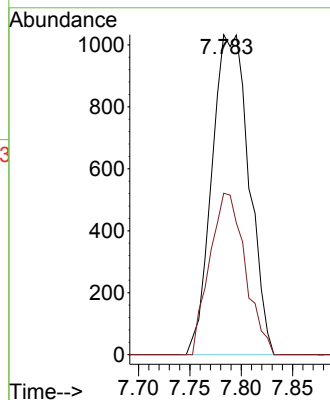
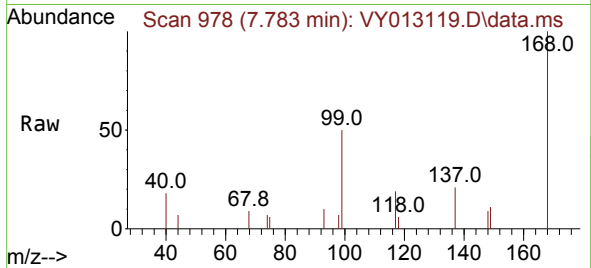




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

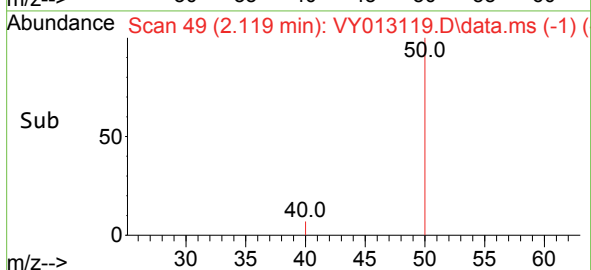
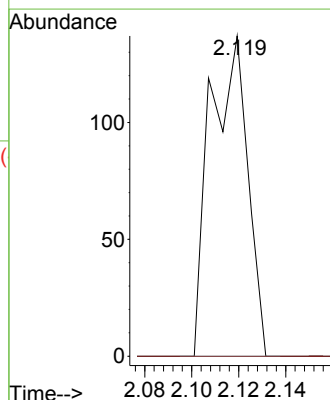
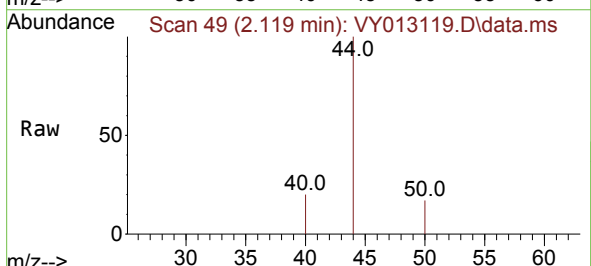
Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTPRE

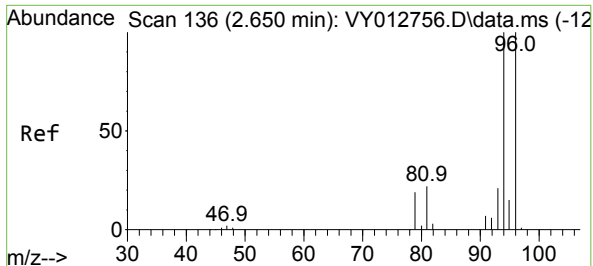
Tgt Ion:168 Resp: 2593
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#3
Chloromethane
Concen: 4.942 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

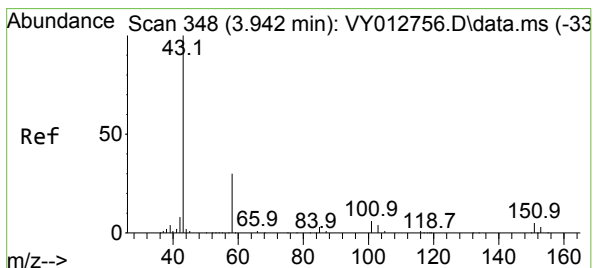
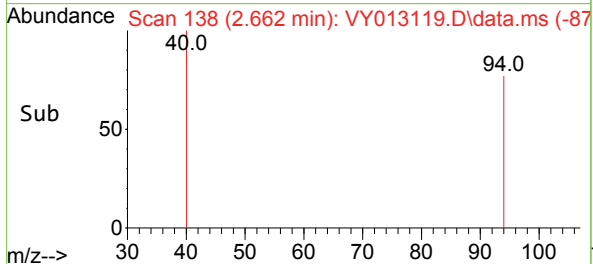
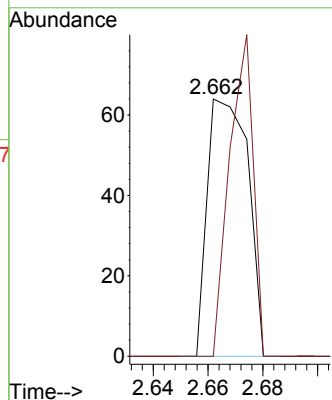
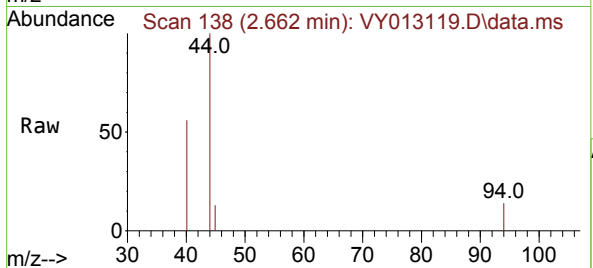




#5
Bromomethane
Concen: 3.877 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

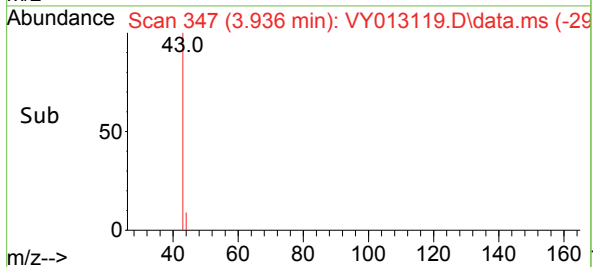
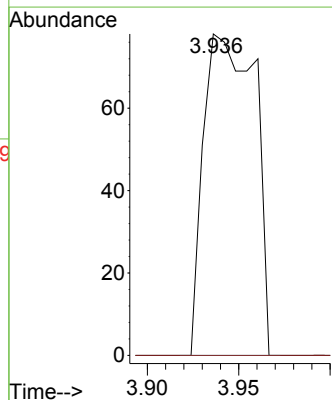
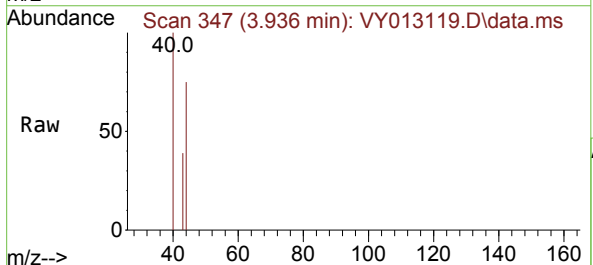
Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTHRE

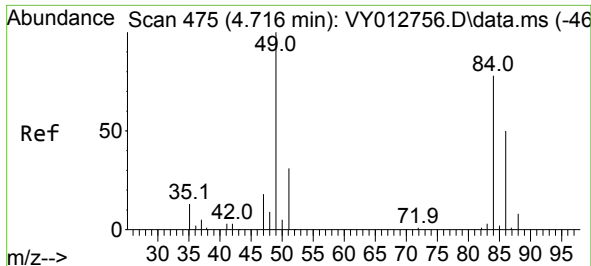
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 80.3 120.5#



#16
Acetone
Concen: 15.042 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

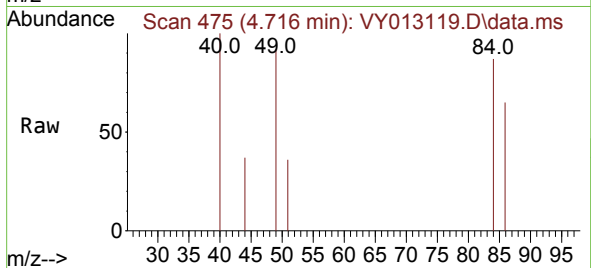
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



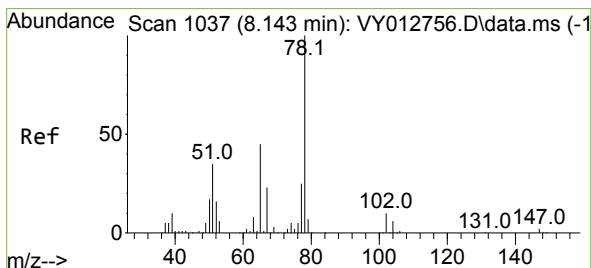
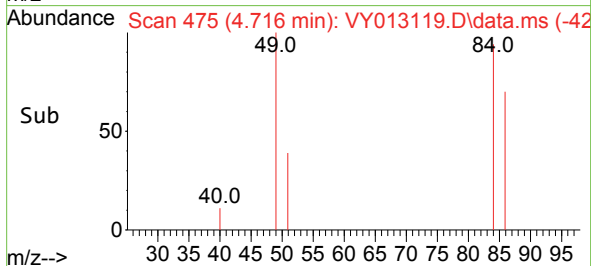
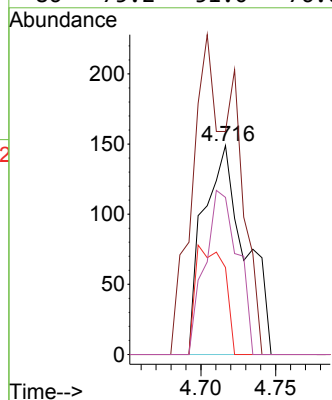


#20
Methylene Chloride
Concen: 4.444 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTPRE

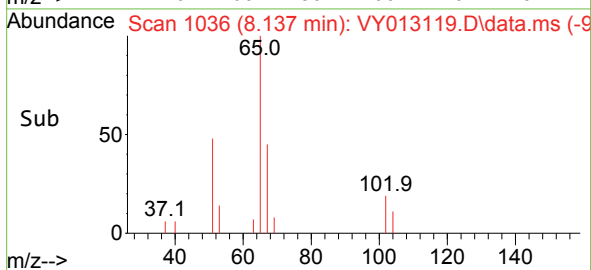
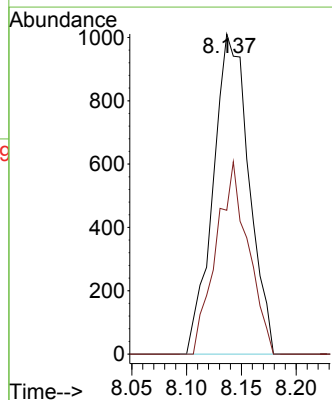
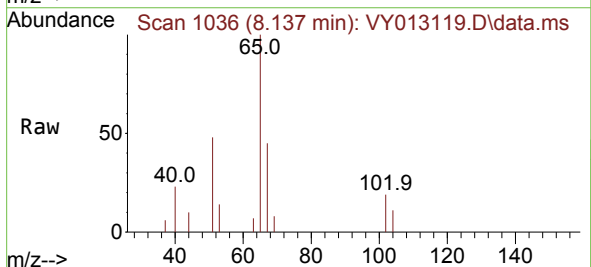


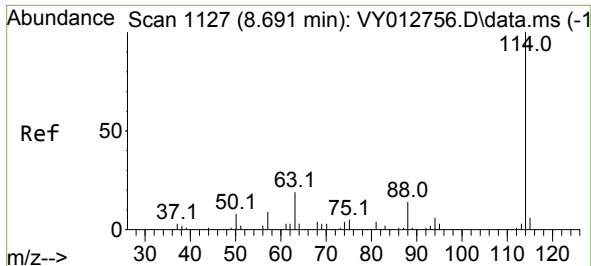
Tgt Ion: 84	Resp: 288
Ion Ratio	Lower Upper
84 100	
49 106.7	102.6 154.0
51 41.6	31.9 47.9
86 75.2	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 89.337 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Tgt Ion: 65	Resp: 2300
Ion Ratio	Lower Upper
65 100	
67 53.9	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: VY013119.D

Acq: 28 Mar 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

APCS-BOTPRE

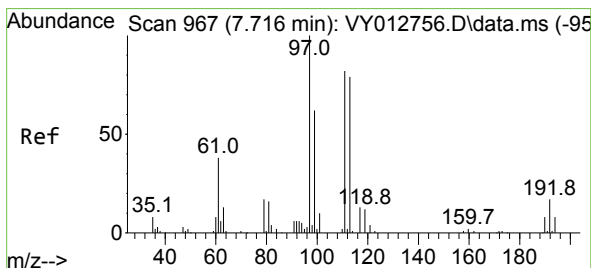
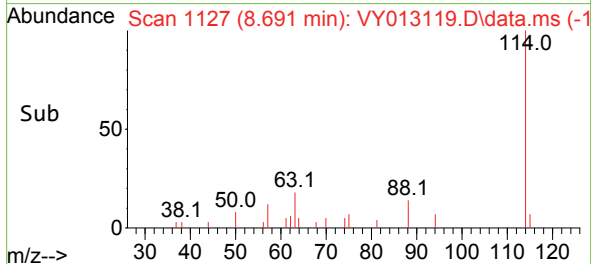
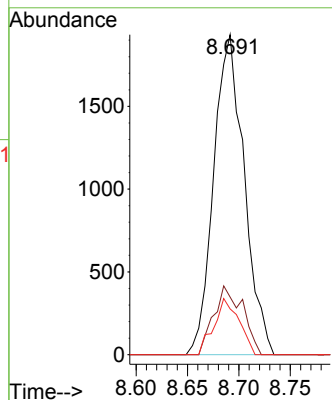
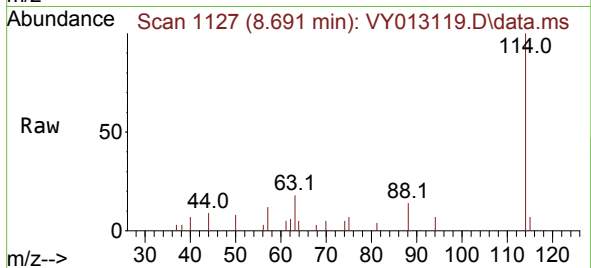
Tgt Ion:114 Resp: 3986

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 68.924 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013119.D

Acq: 28 Mar 2023 16:11

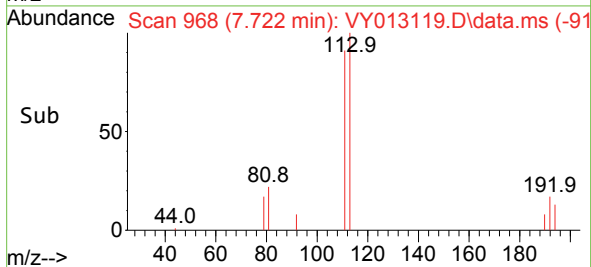
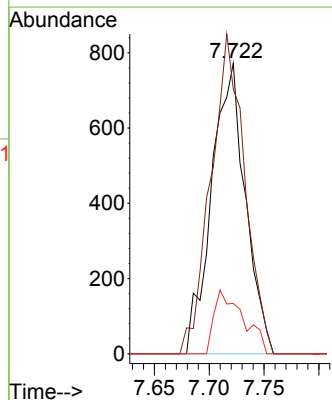
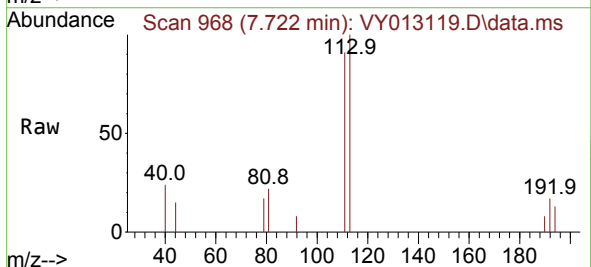
Tgt Ion:113 Resp: 1658

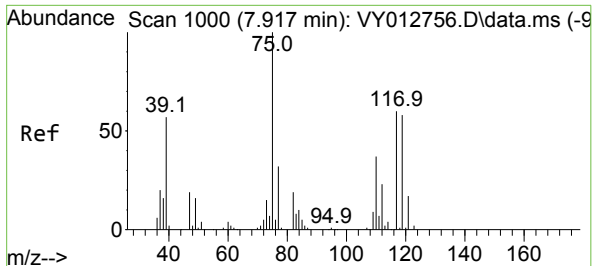
Ion Ratio Lower Upper

113 100

111 110.1 82.2 123.2

192 18.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.110 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013119.D

Acq: 28 Mar 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

APCS-BOTPRE

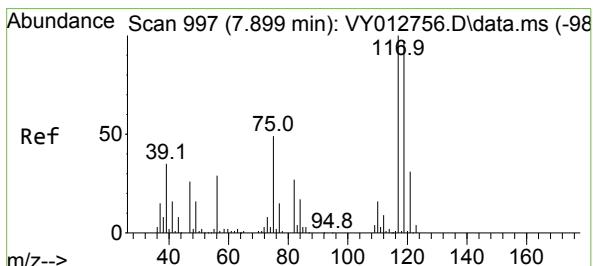
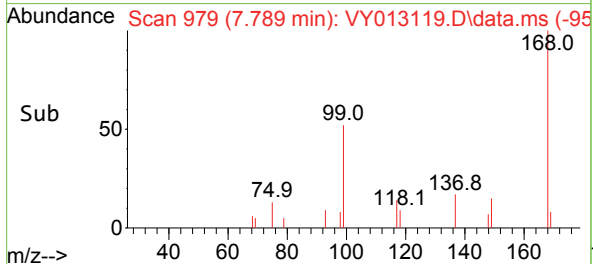
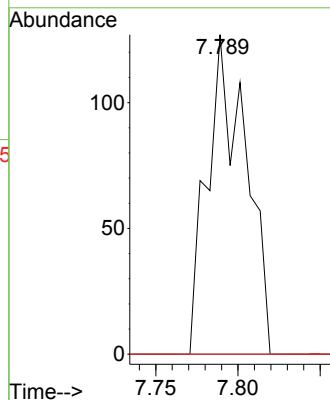
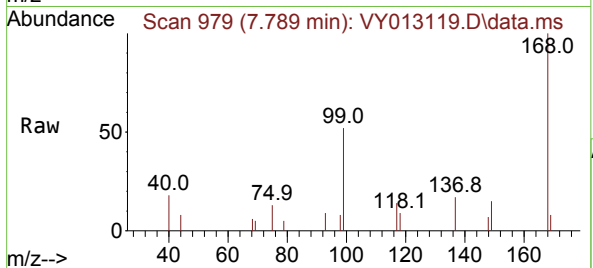
Tgt Ion: 75 Resp: 206

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.174 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013119.D

Acq: 28 Mar 2023 16:11

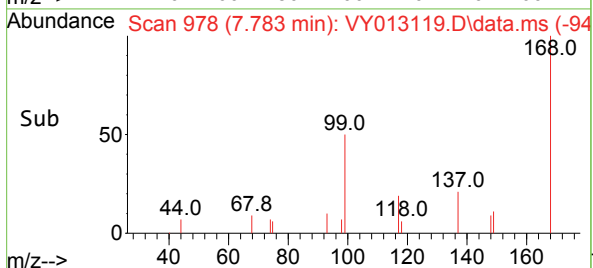
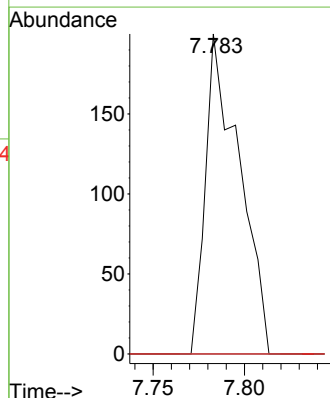
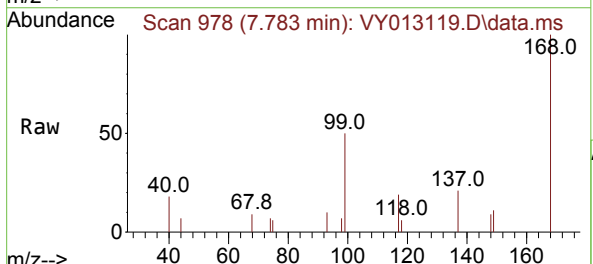
Tgt Ion: 117 Resp: 257

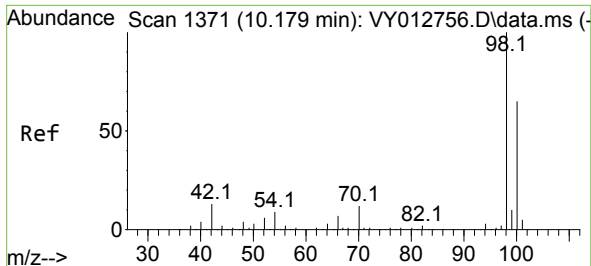
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#

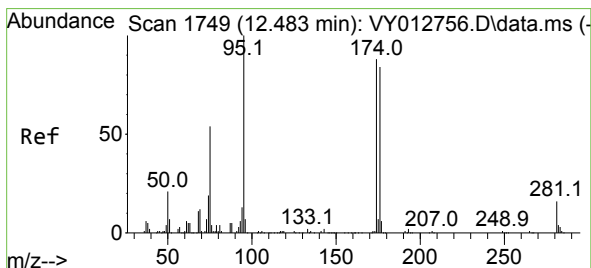
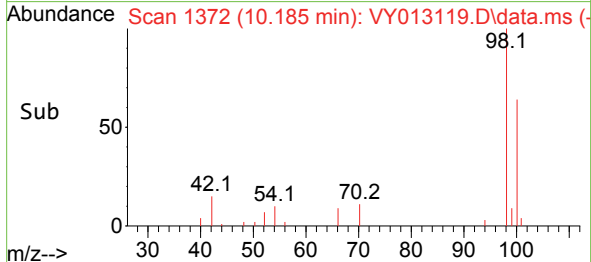
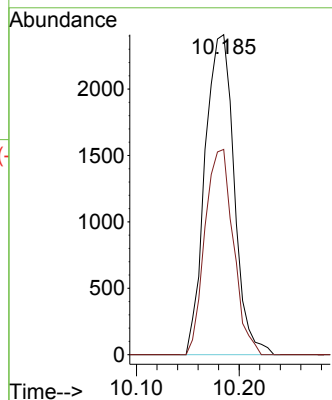
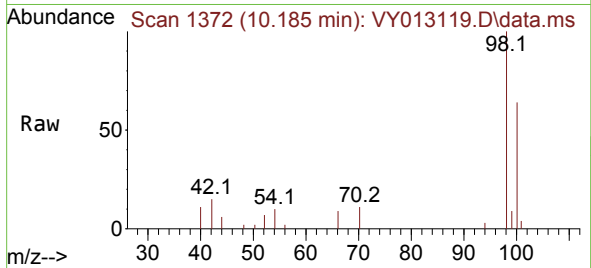




#50
Toluene-d8
Concen: 53.854 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

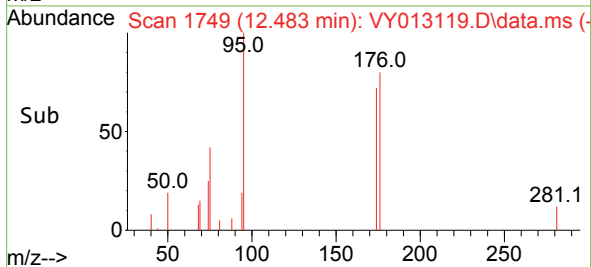
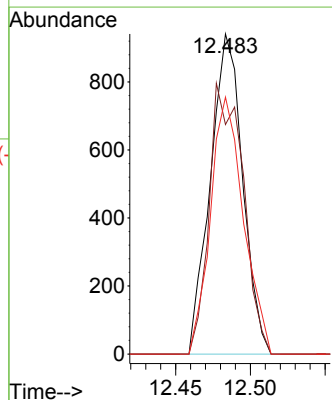
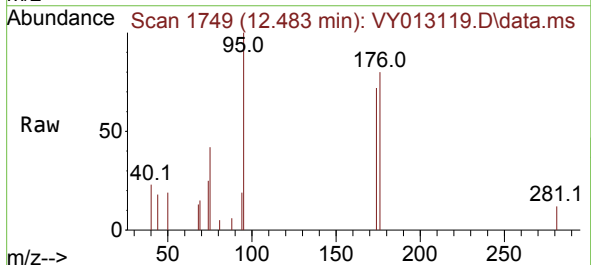
Instrument :
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APCS-BOTPRE

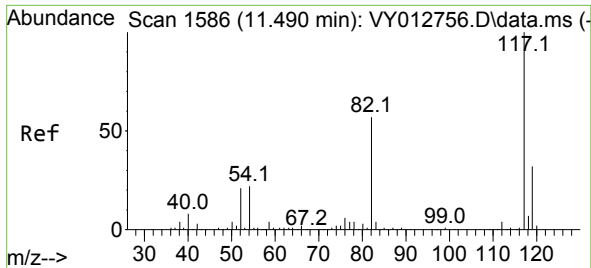
Tgt Ion: 98 Resp: 4736
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Tgt Ion: 95 Resp: 1414
Ion Ratio Lower Upper
95 100
174 88.2 0.0 176.6
176 81.8 0.0 170.2

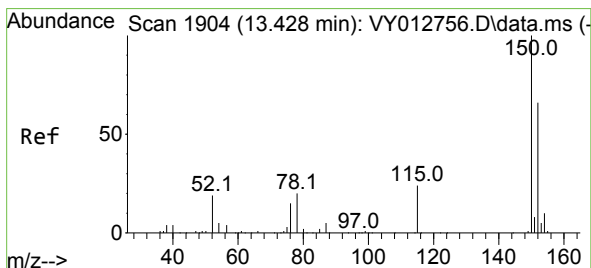
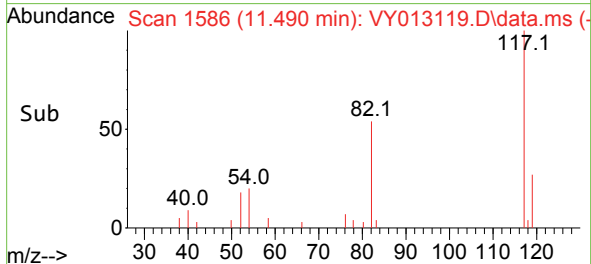
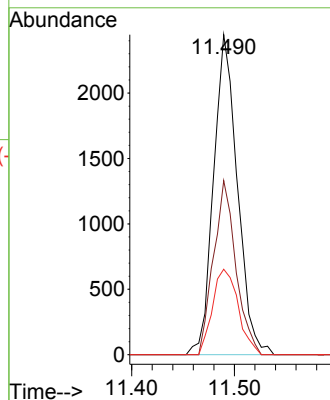
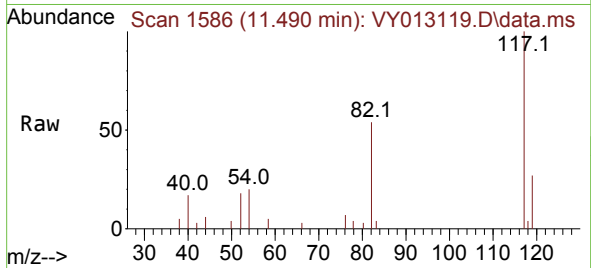




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

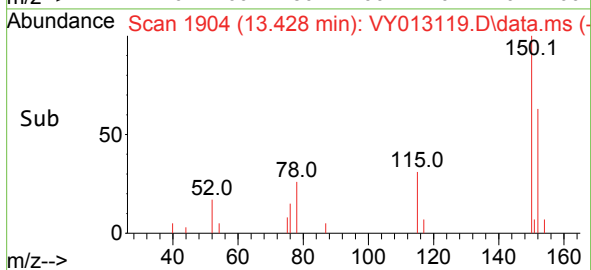
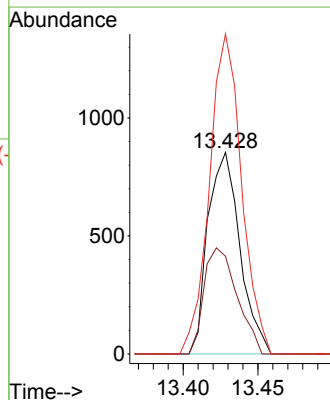
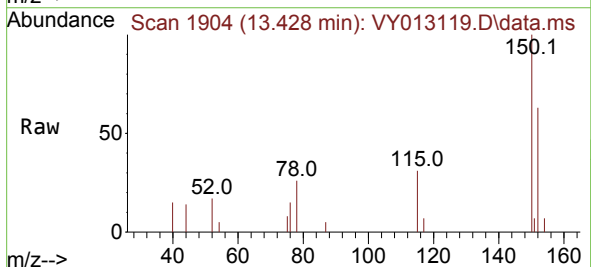
Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTPRE

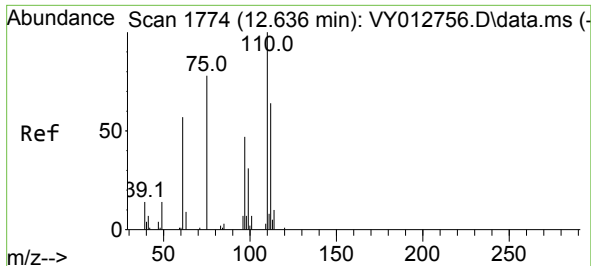
Tgt Ion:117 Resp: 3930
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 26.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Tgt Ion:152 Resp: 1270
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 159.7 0.0 347.8

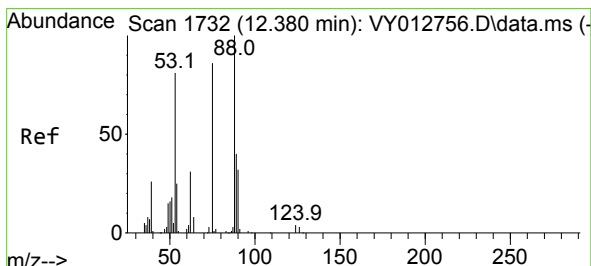
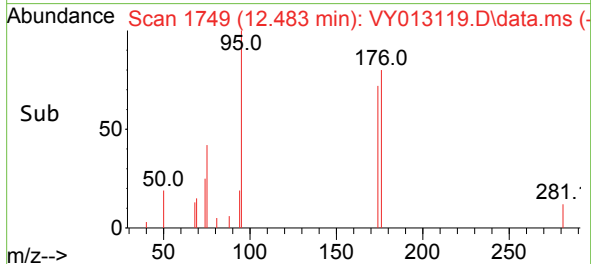
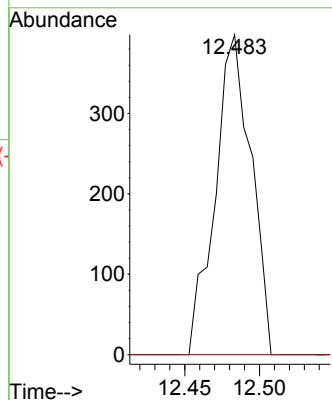
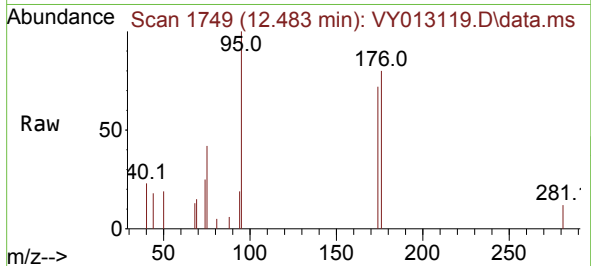




#76
1,2,3-Trichloropropane
Concen: 43.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
APCS-BOTHRE

Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 91.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013119.D
Acq: 28 Mar 2023 16:11

Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

