

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012877.D
 Acq On : 08 Mar 2023 17:36
 Operator : KP/MD
 Sample : 01829-07
 Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-07-20230306

Quant Time: Mar 09 00:38:38 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)

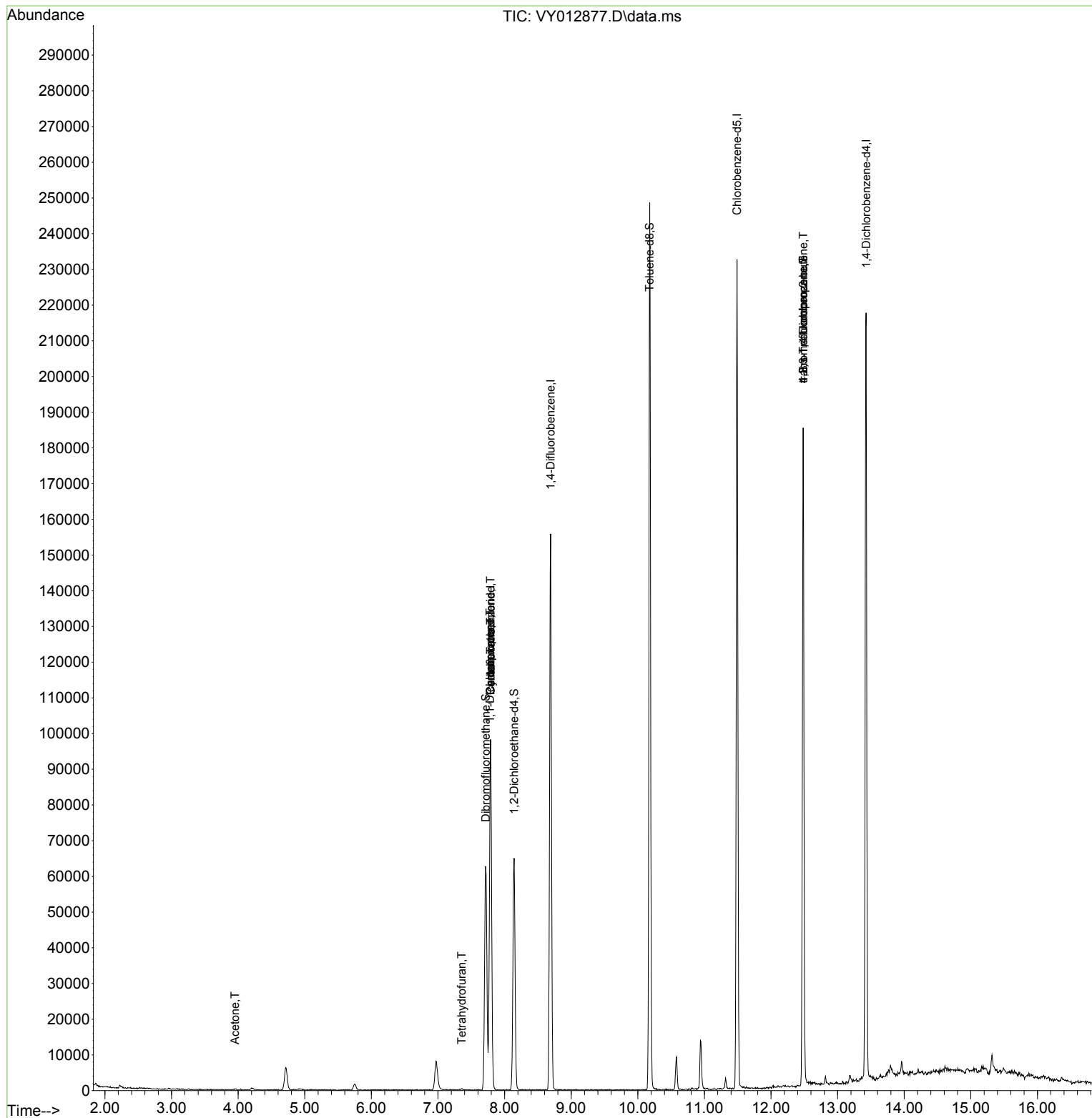
Internal Standards						
1) Pentafluorobenzene	7.789	168	77701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	122017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50544	65.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.040%	
35) Dibromofluoromethane	7.716	113	44754	57.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.180%	
50) Toluene-d8	10.179	98	158680	55.367	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.740%	
62) 4-Bromofluorobenzene	12.483	95	50027	51.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	509	Below Cal	#	74
16) Acetone	3.954	43	418	1.380	ug/l #	87
20) Methylene Chloride	4.722	84	4681	Below Cal	#	95
29) Tetrahydrofuran	7.356	42	316	1.397	ug/l #	48
31) Cyclohexane	7.789	56	1597	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5702	4.340	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7432	5.478	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26398	39.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26398	81.562	ug/l #	13

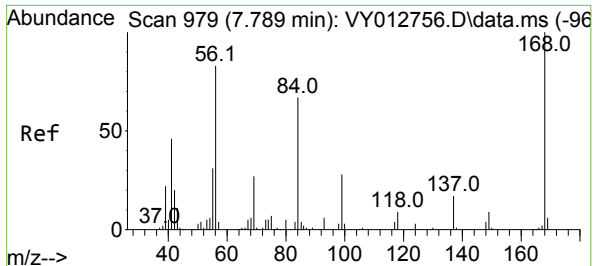
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012877.D
Acq On : 08 Mar 2023 17:36
Operator : KP/MD
Sample : 01829-07
Misc : 6.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

Quant Time: Mar 09 00:38:38 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

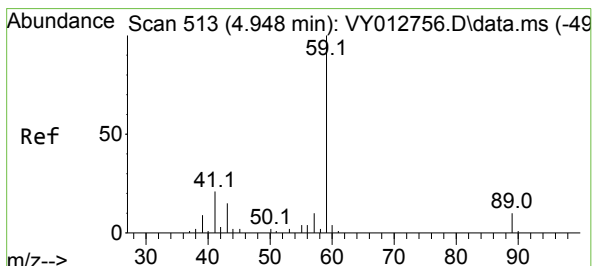
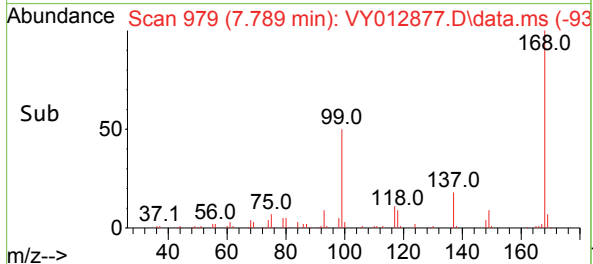
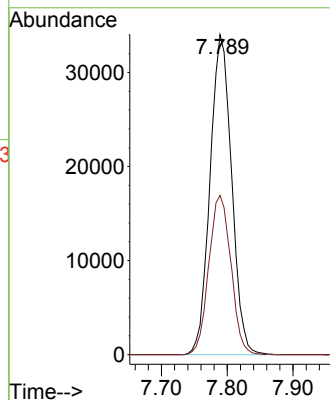
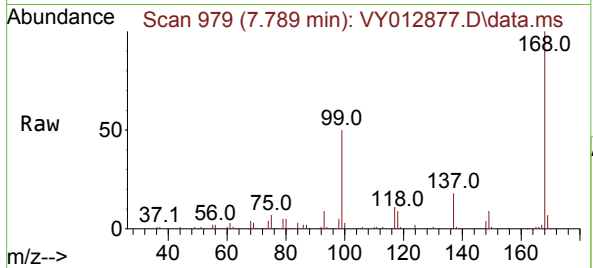




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

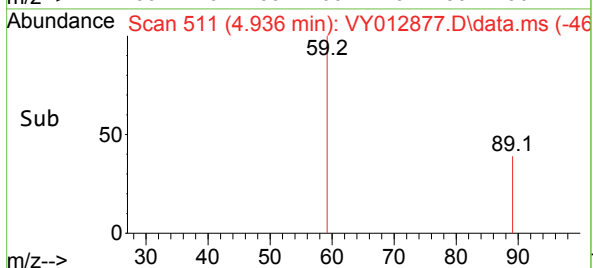
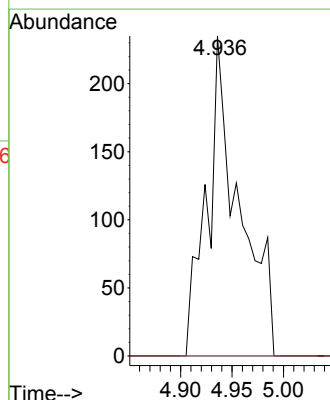
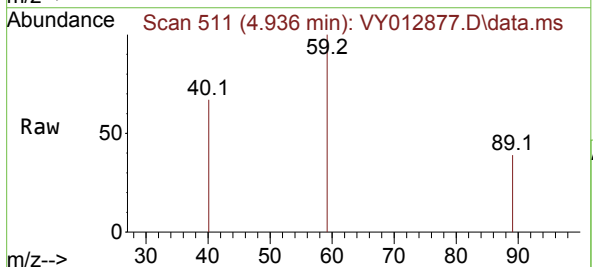
Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

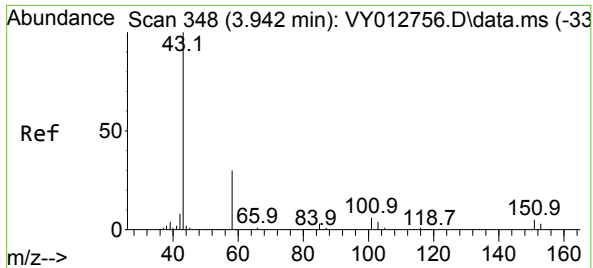
Tgt Ion:168 Resp: 77701
Ion Ratio Lower Upper
168 100
99 49.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

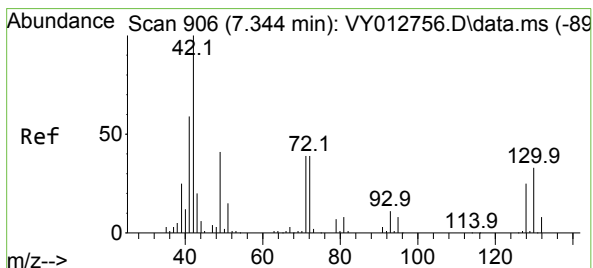
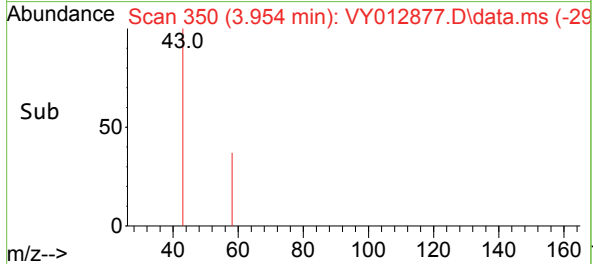
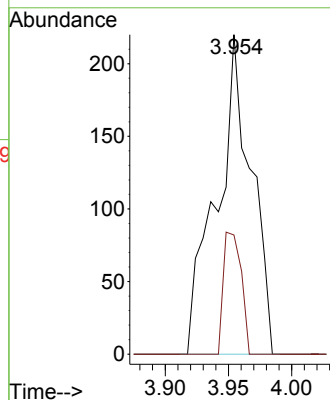
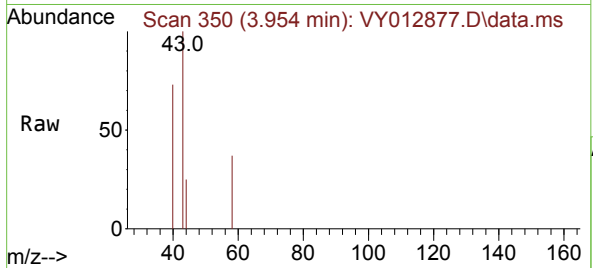




#16
Acetone
Concen: 1.380 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

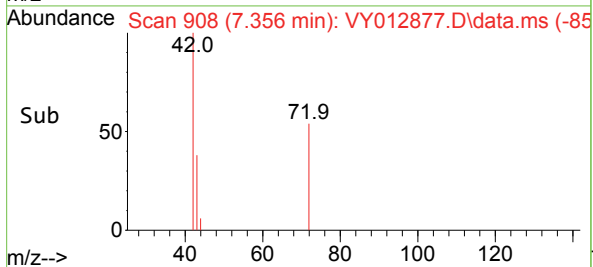
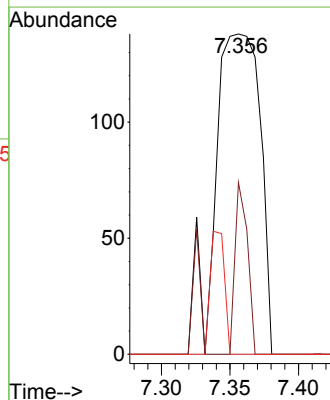
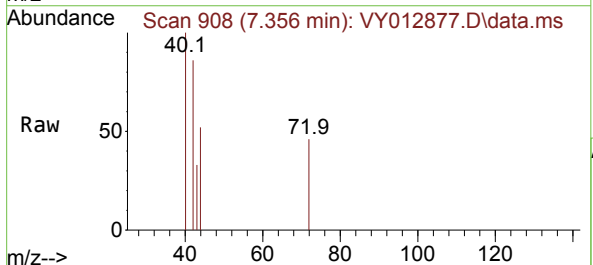
Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

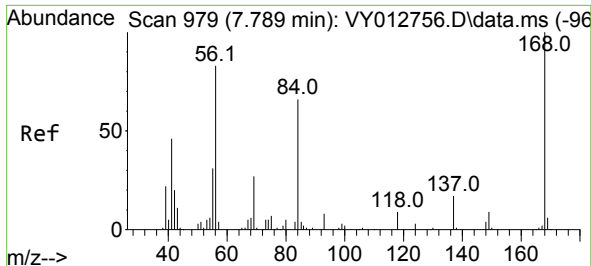
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
58 37.3 24.2 36.2#



#29
Tetrahydrofuran
Concen: 1.397 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion: 42 Resp: 316
Ion Ratio Lower Upper
42 100
72 14.9 32.3 48.5#
71 0.0 30.3 45.5#

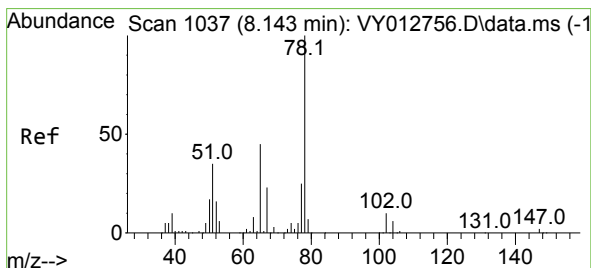
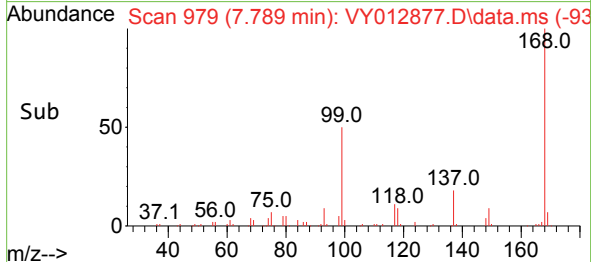
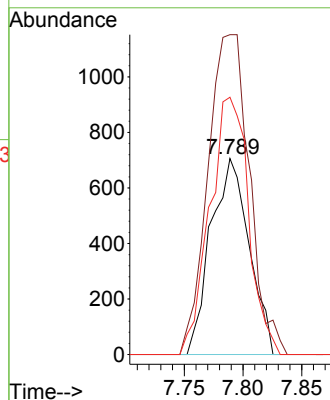
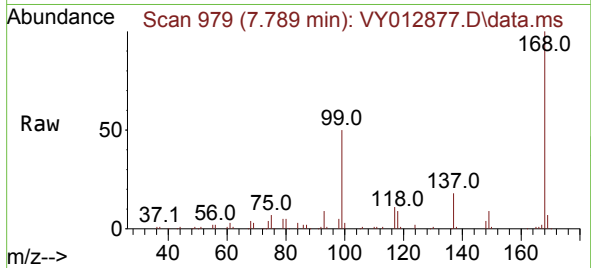




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

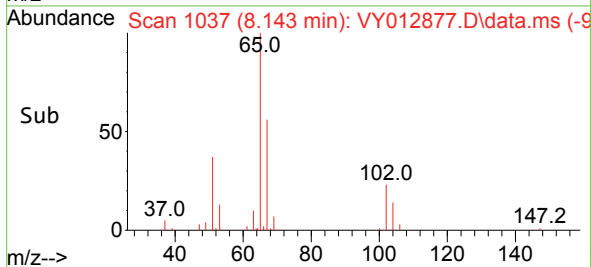
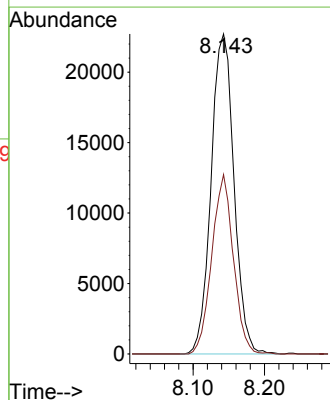
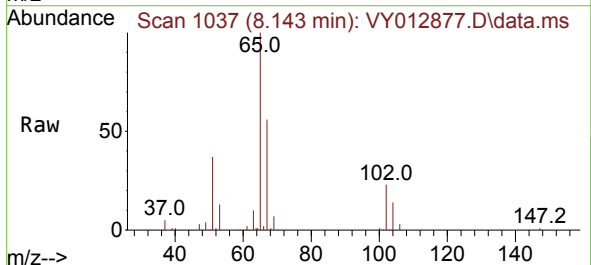
Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

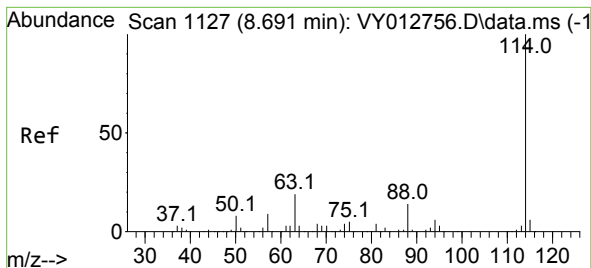
Tgt Ion: 56 Resp: 1597
Ion Ratio Lower Upper
56 100
69 163.2 25.7 38.5#
84 131.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.516 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion: 65 Resp: 50544
Ion Ratio Lower Upper
65 100
67 52.8 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: VY012877.D

Acq: 08 Mar 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SS-07-20230306

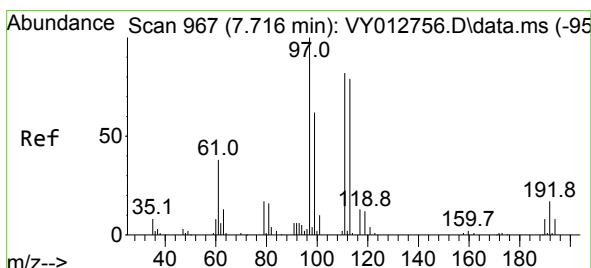
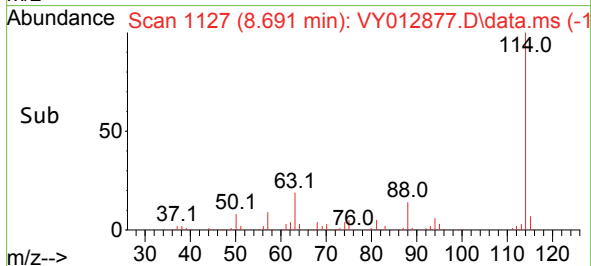
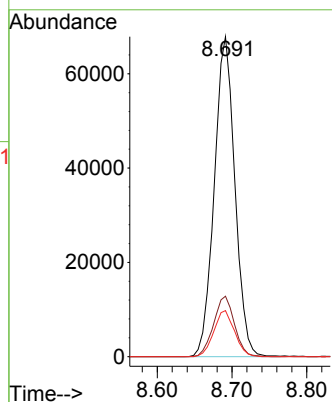
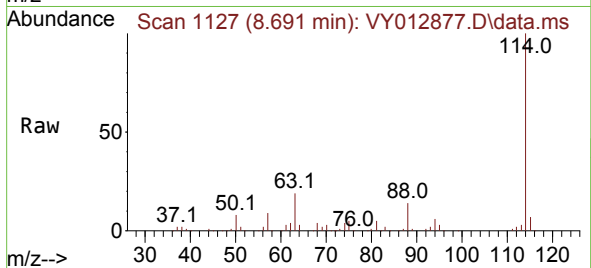
Tgt Ion:114 Resp: 129902

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.087 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012877.D

Acq: 08 Mar 2023 17:36

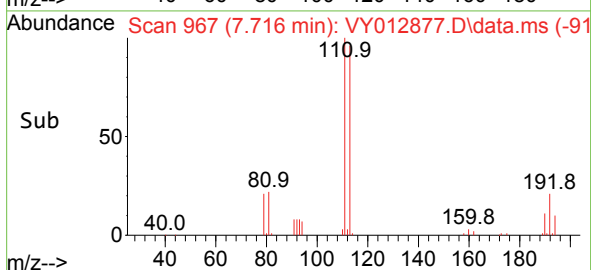
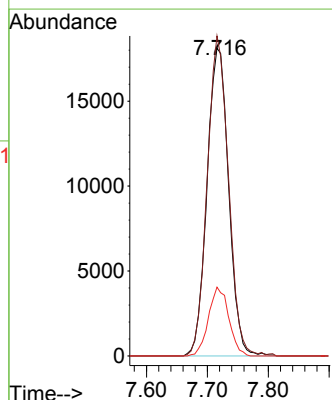
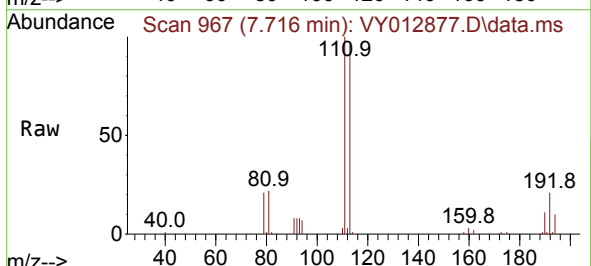
Tgt Ion:113 Resp: 44754

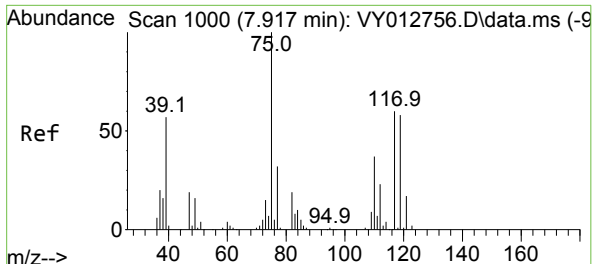
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 21.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.340 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012877.D

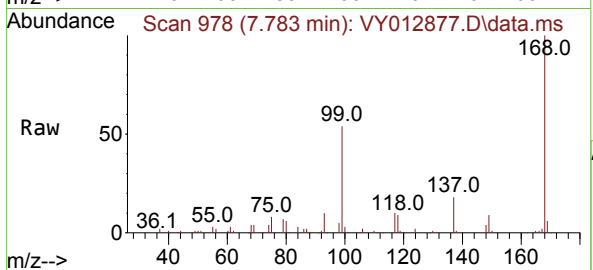
Acq: 08 Mar 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SS-07-20230306



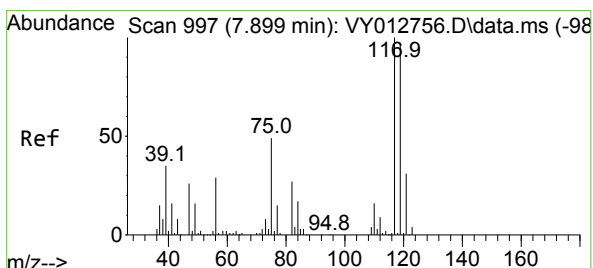
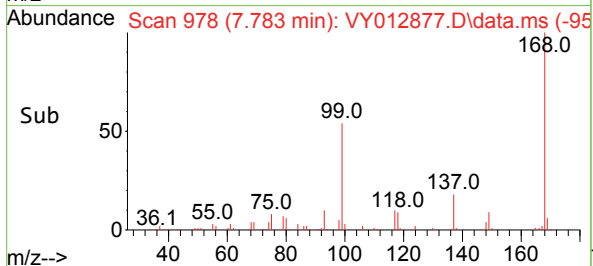
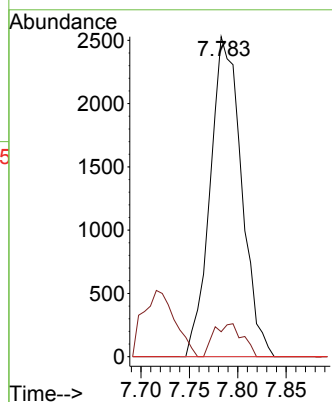
Tgt Ion: 75 Resp: 5702

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.478 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012877.D

Acq: 08 Mar 2023 17:36

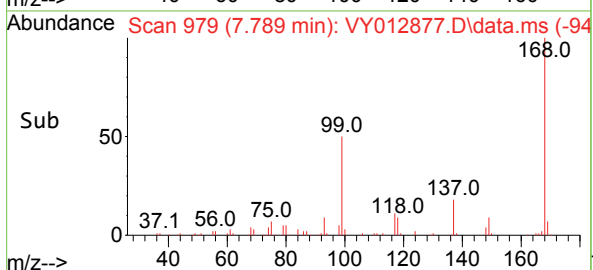
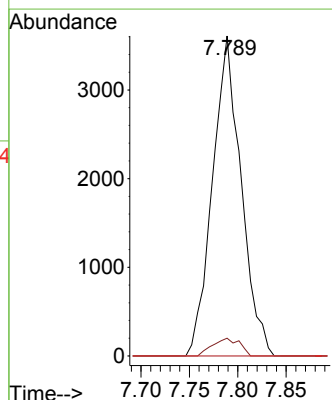
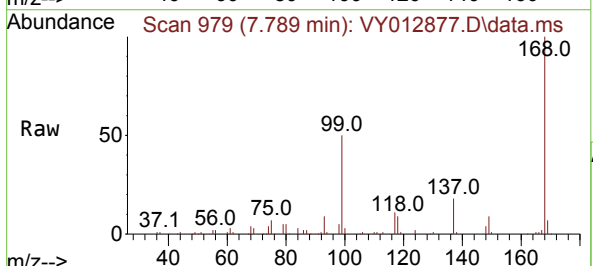
Tgt Ion: 117 Resp: 7432

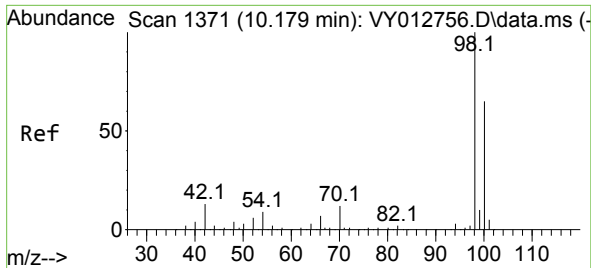
Ion Ratio Lower Upper

117 100

119 5.5 77.2 115.8#

121 0.0 24.7 37.1#

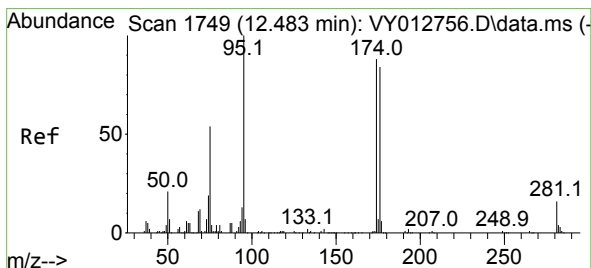
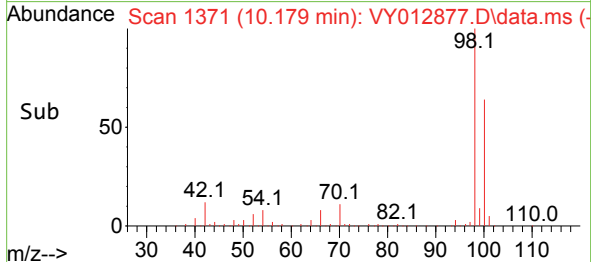
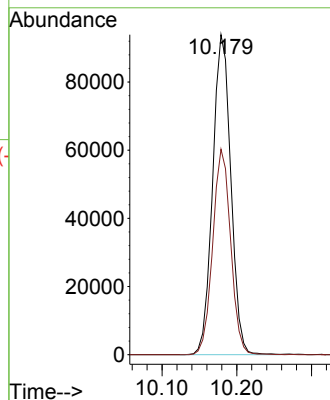
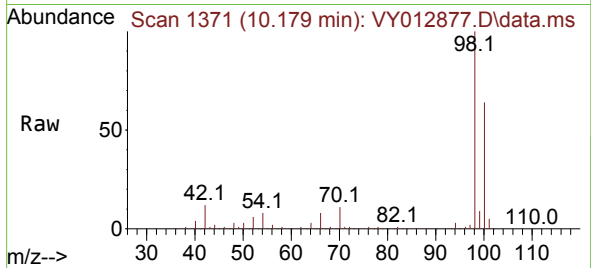




#50
Toluene-d8
Concen: 55.367 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

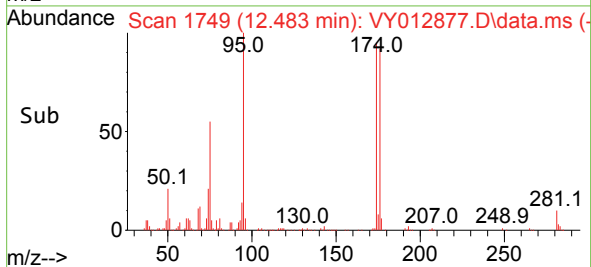
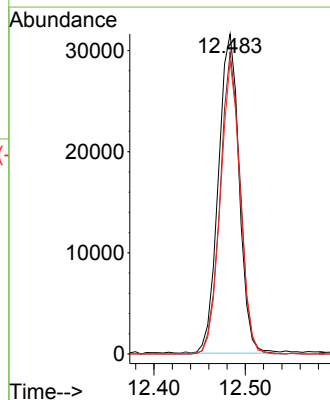
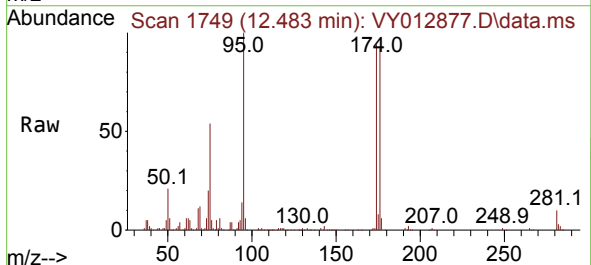
Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

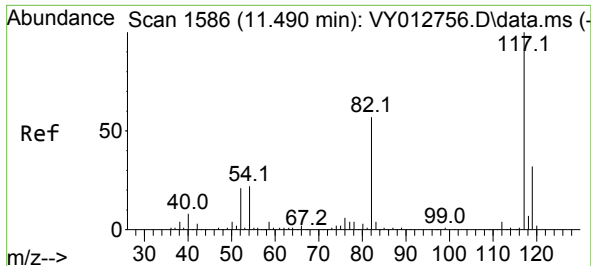
Tgt Ion: 98 Resp: 158680
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.716 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion: 95 Resp: 50027
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 87.2 0.0 170.2

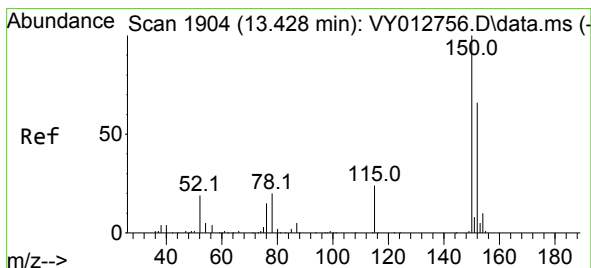
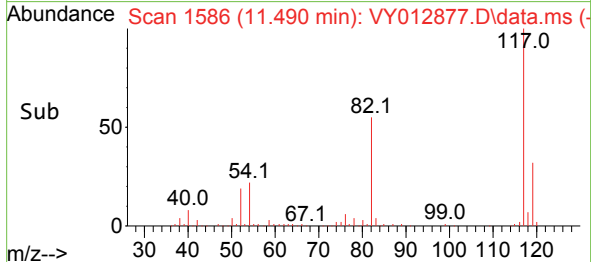
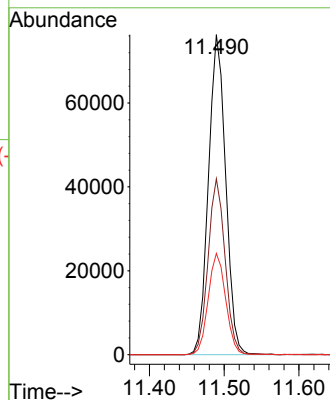
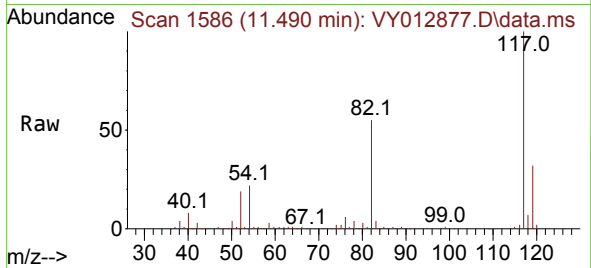




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

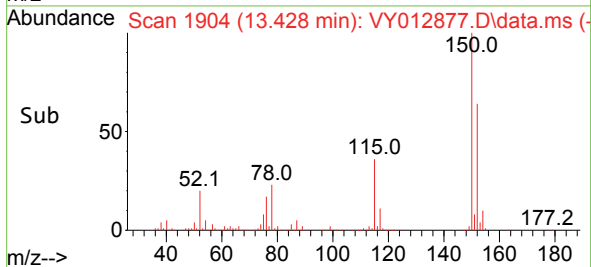
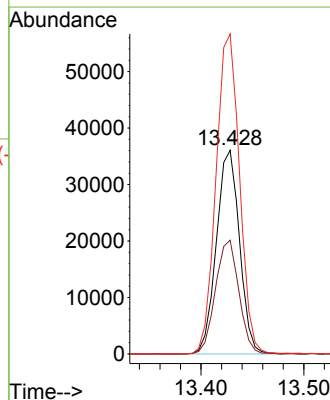
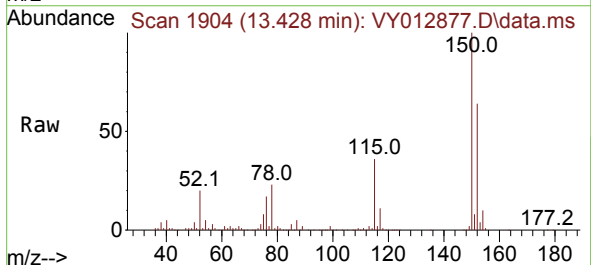
Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

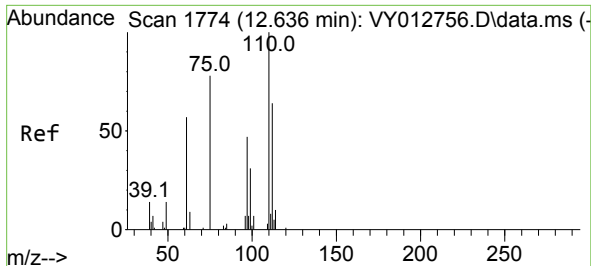
Tgt Ion:117 Resp: 122017
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion:152 Resp: 56159
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 160.3 0.0 347.8

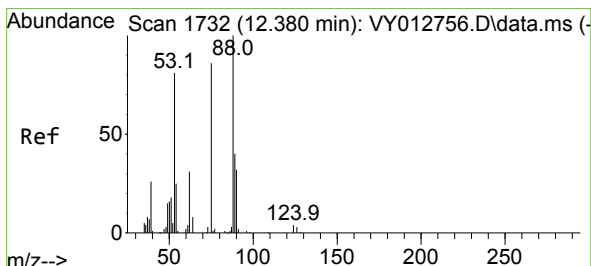
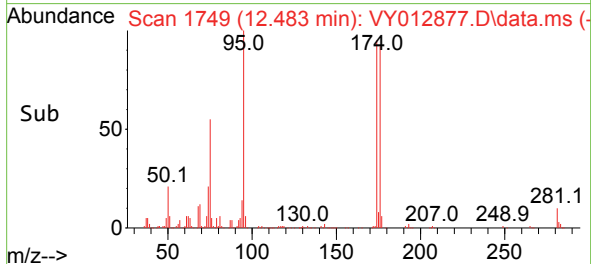
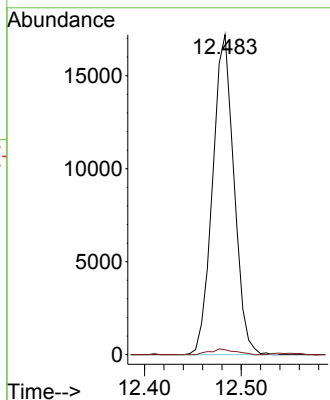
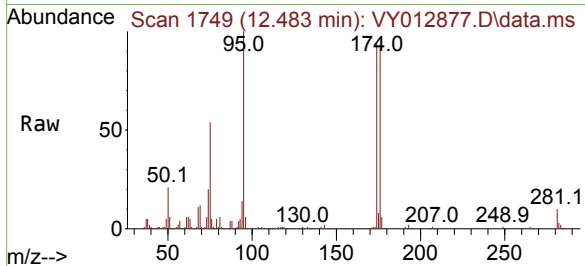




#76
1,2,3-Trichloropropane
Concen: 39.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Instrument :
MSVOA_Y
ClientSampleId :
SS-07-20230306

Tgt Ion: 75 Resp: 26398
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012877.D
Acq: 08 Mar 2023 17:36

Tgt Ion: 75 Resp: 26398
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 36.6 55.0#

