

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012881.D
 Acq On : 08 Mar 2023 19:10
 Operator : KP/MD
 Sample : 01829-11
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306MS

Quant Time: Mar 09 00:39:45 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)

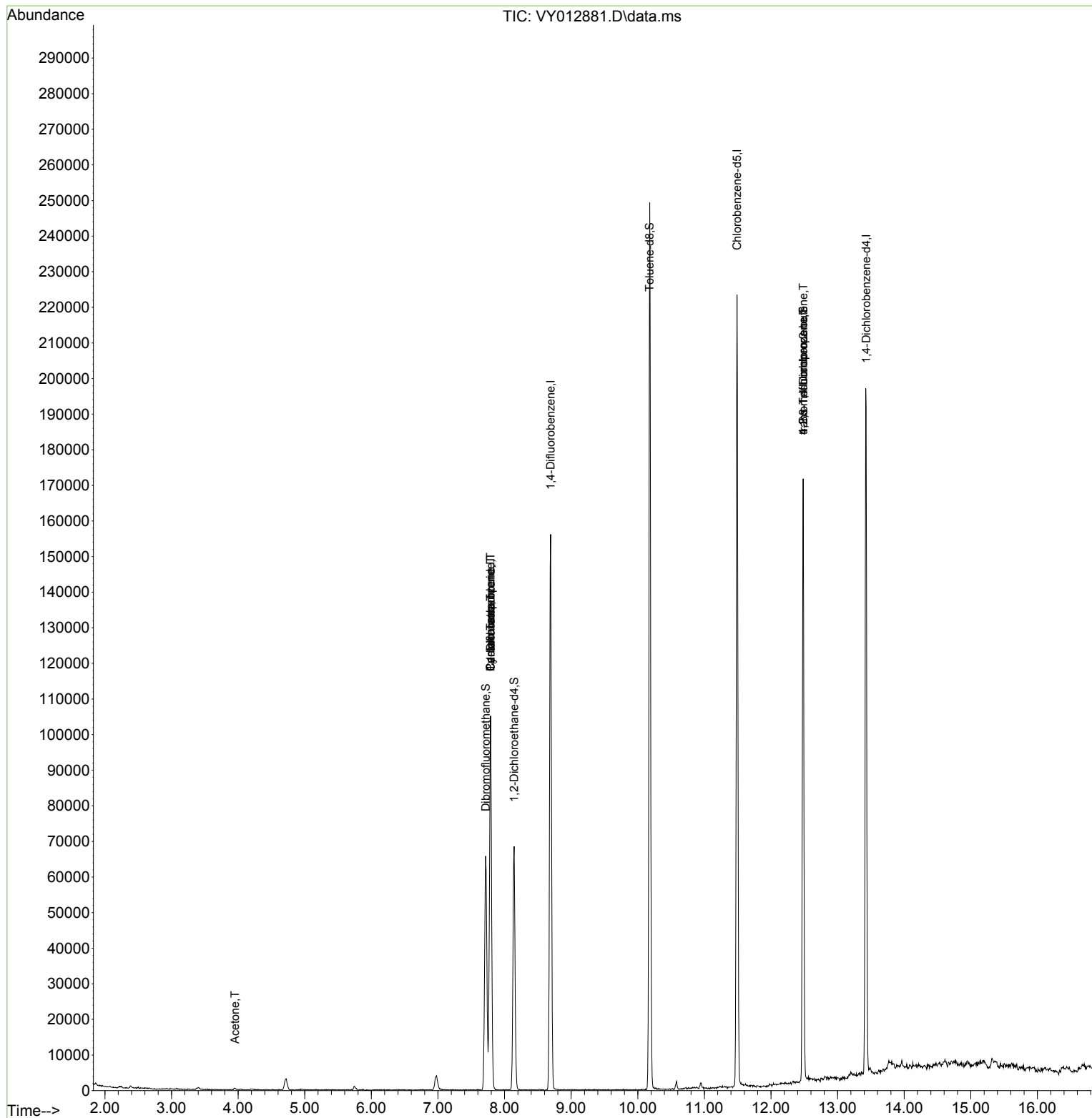
Internal Standards						
1) Pentafluorobenzene	7.789	168	78921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	119542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51671	65.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.880%	
35) Dibromofluoromethane	7.716	113	45983	57.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.420%	
50) Toluene-d8	10.179	98	158783	54.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.483	95	48003	48.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	257	Below Cal	#	74
16) Acetone	3.954	43	683	2.221	ug/l	93
20) Methylene Chloride	4.716	84	2300	Below Cal		98
31) Cyclohexane	7.789	56	1807	1.204	ug/l	# 19
36) 1,1-Dichloropropene	7.789	75	6102	4.570	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	7853	5.695	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	25688	41.710	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	25688	86.424	ug/l	# 13

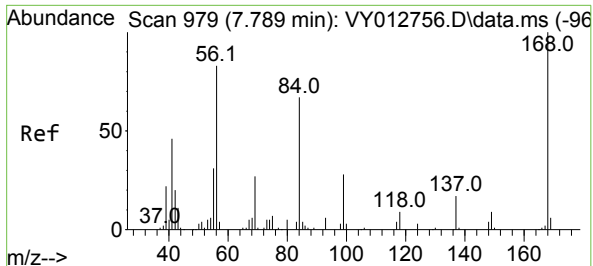
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012881.D
Acq On : 08 Mar 2023 19:10
Operator : KP/MD
Sample : 01829-11
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MS

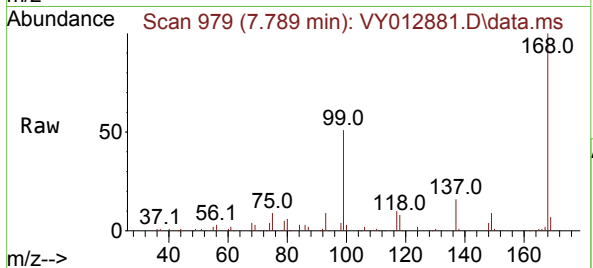
Quant Time: Mar 09 00:39:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



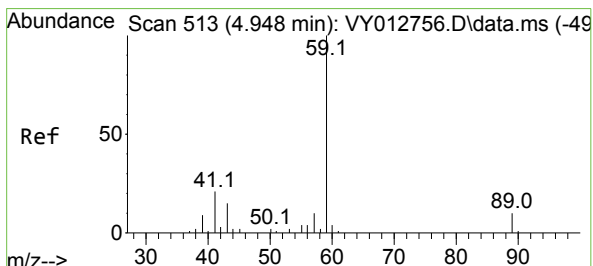
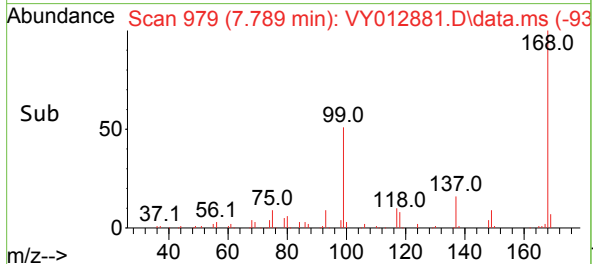
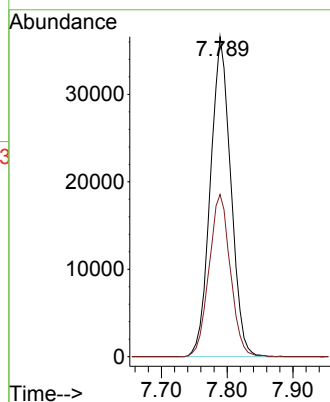


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MS

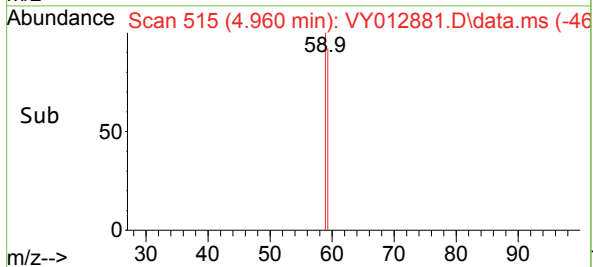
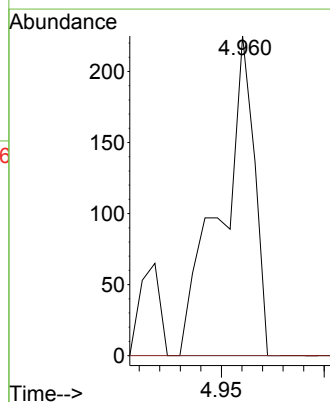
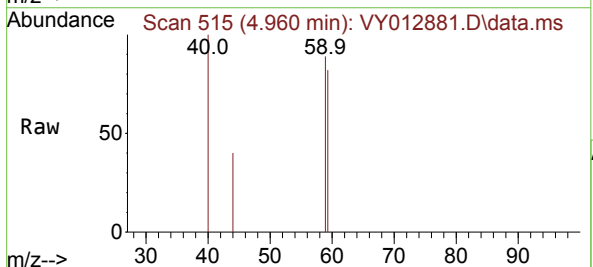


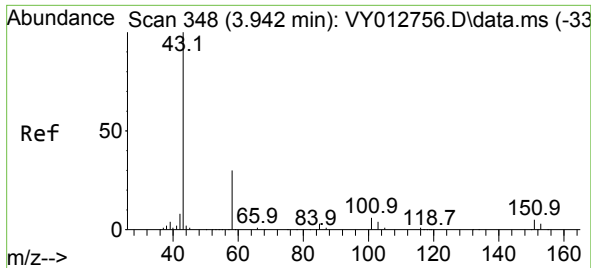
Tgt Ion:168 Resp: 78921
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.221 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

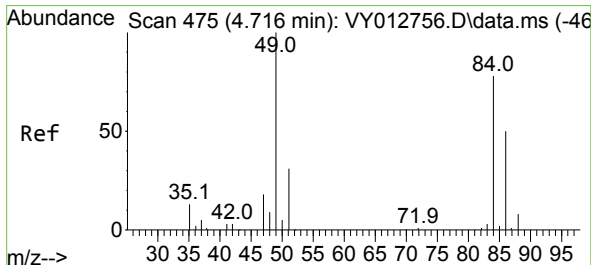
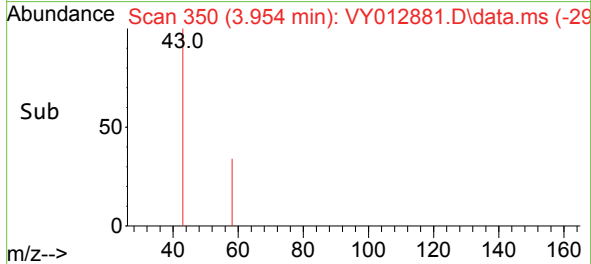
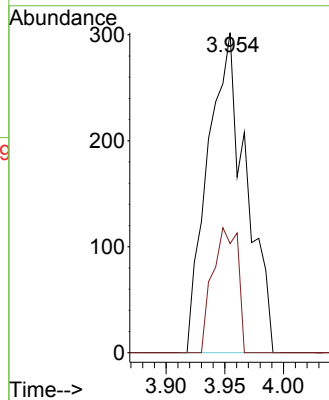
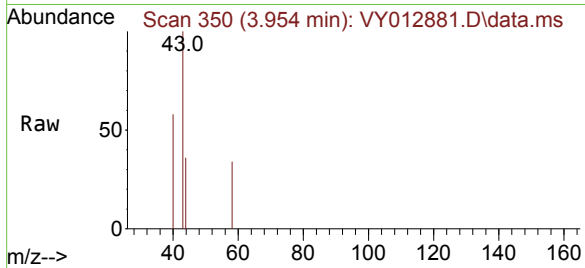
SS-10-20230306MS

Tgt Ion: 43 Resp: 683

Ion Ratio Lower Upper

43 100

58 34.1 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

Tgt Ion: 84 Resp: 2300

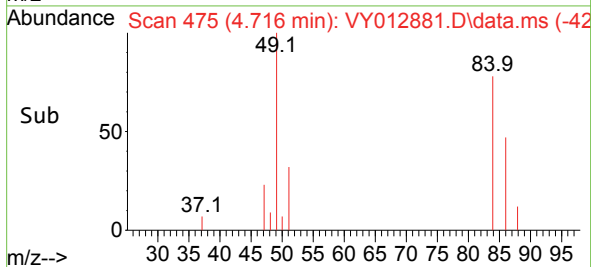
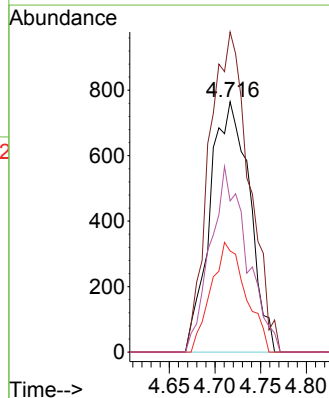
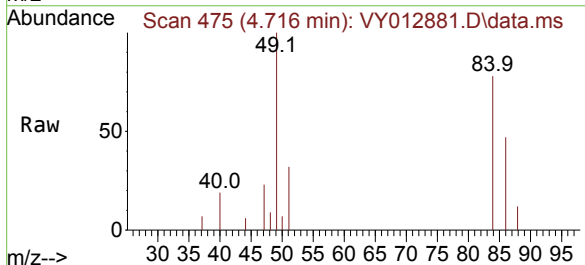
Ion Ratio Lower Upper

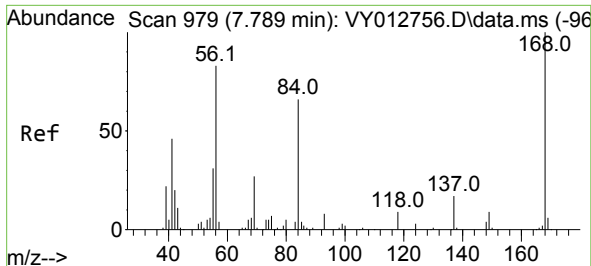
84 100

49 127.8 102.6 154.0

51 40.4 31.9 47.9

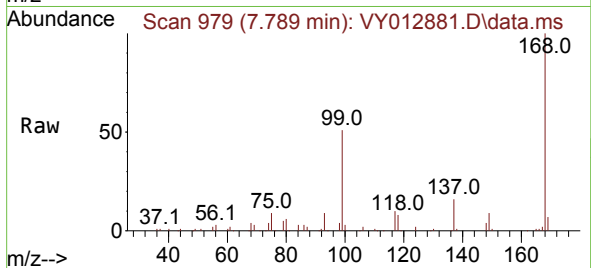
86 60.4 51.0 76.6



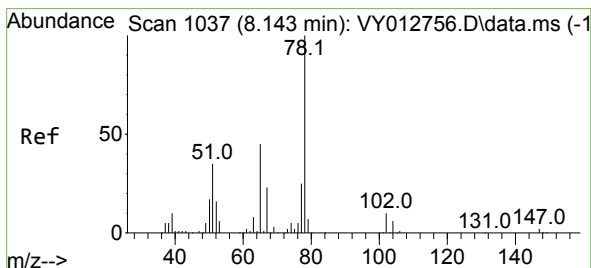
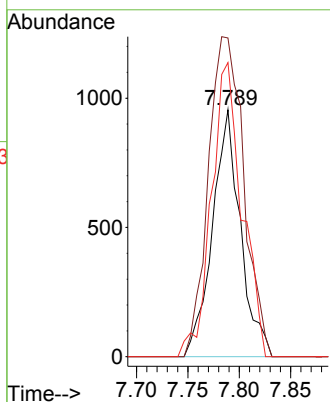
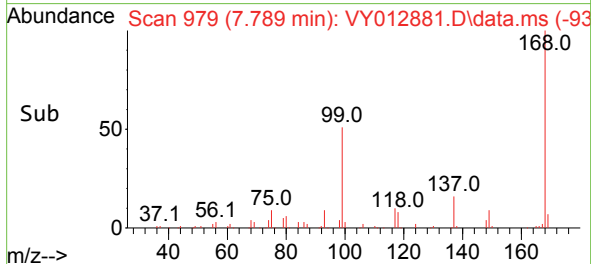


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MS

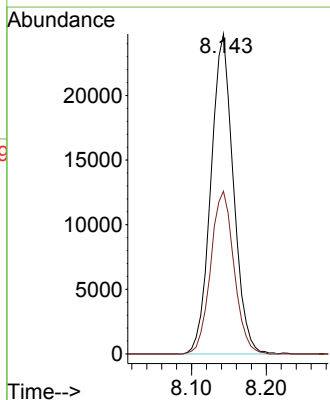
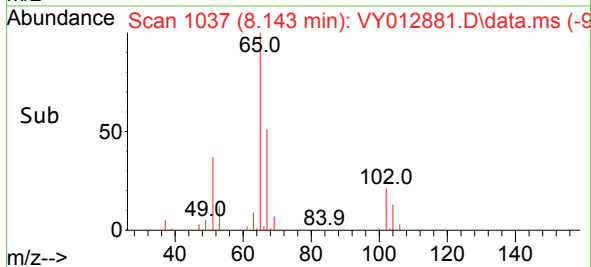
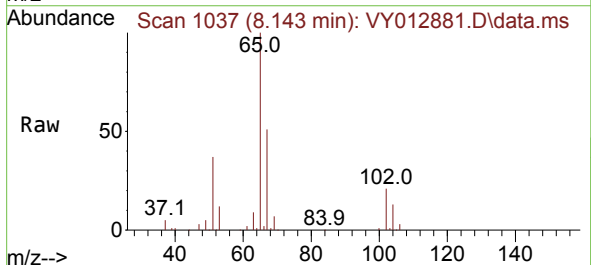


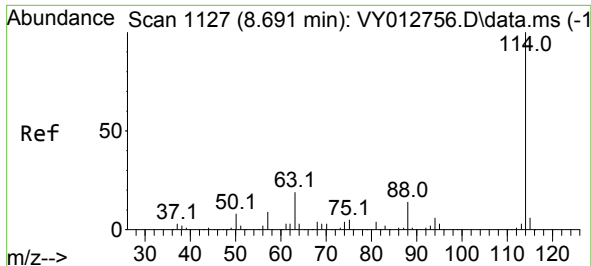
Tgt Ion: 56 Resp: 1807
Ion Ratio Lower Upper
56 100
69 129.1 25.7 38.5#
84 119.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.942 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Tgt Ion: 65 Resp: 51671
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012881.D

Acq: 08 Mar 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

SS-10-20230306MS

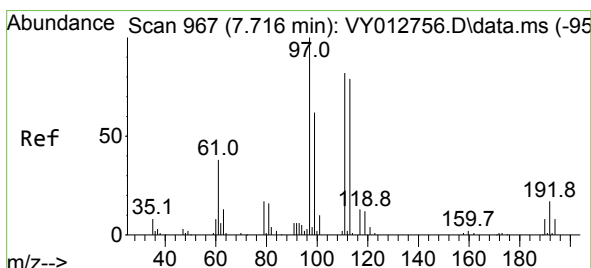
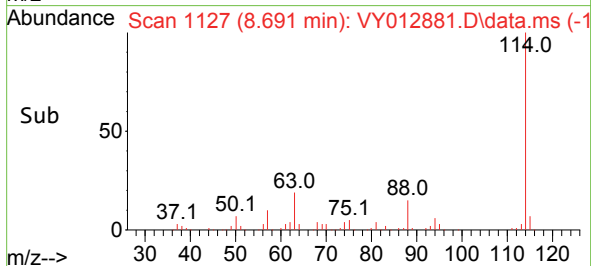
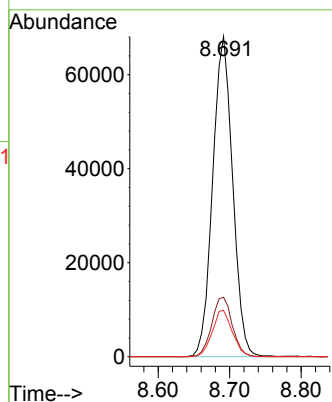
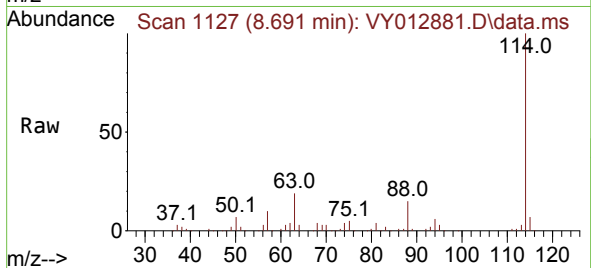
Tgt Ion:114 Resp: 132034

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.708 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

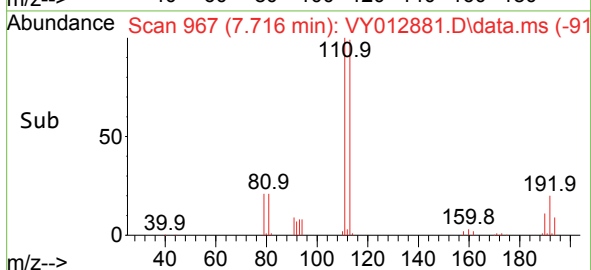
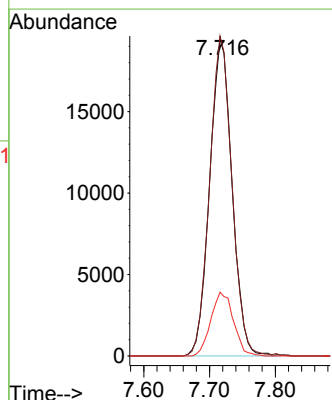
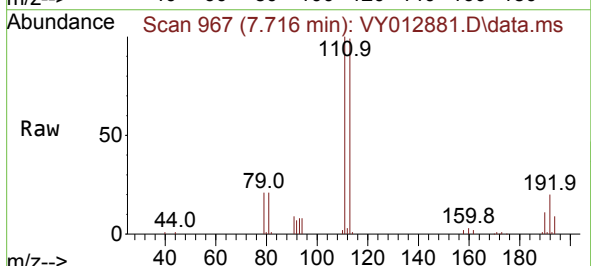
Tgt Ion:113 Resp: 45983

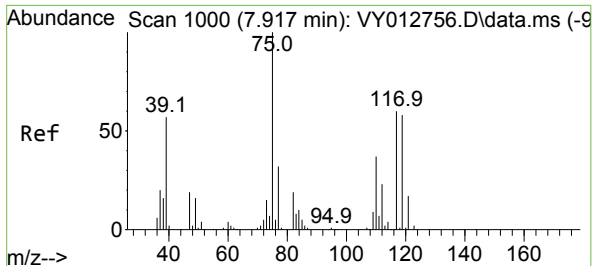
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 20.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.570 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012881.D

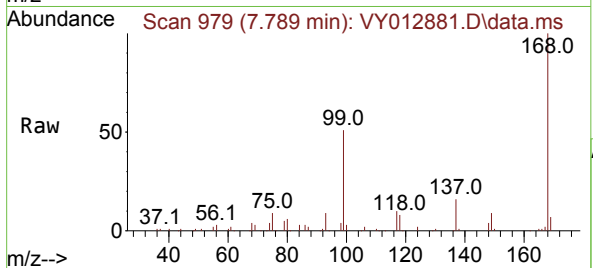
Acq: 08 Mar 2023 19:10

Instrument :

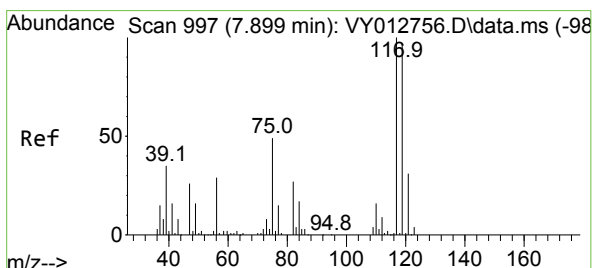
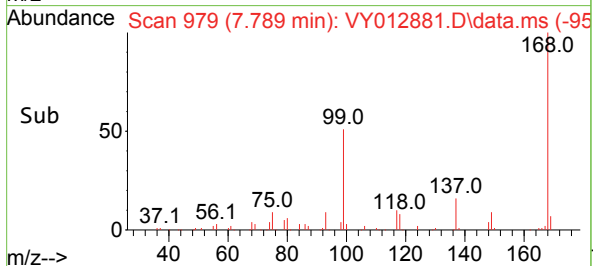
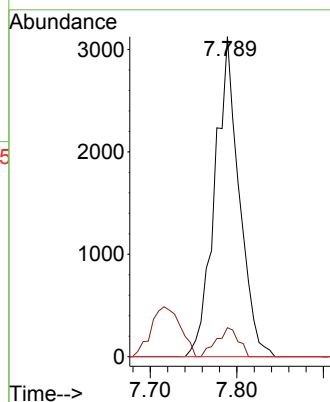
MSVOA_Y

ClientSampleId :

SS-10-20230306MS



Tgt Ion: 75	Resp: 6102
Ion Ratio	Lower Upper
75	100
110	8.1 17.8 53.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.695 ug/l

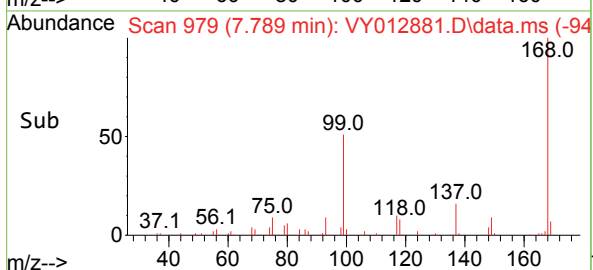
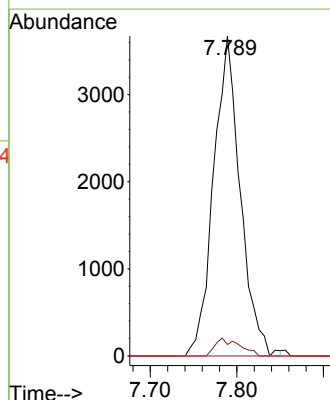
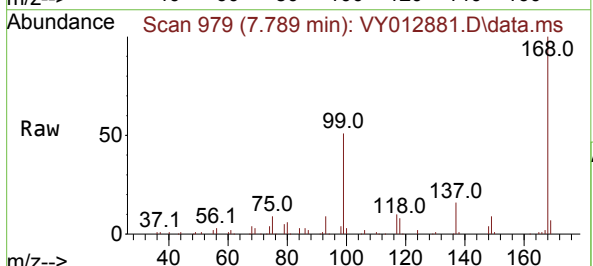
RT: 7.789 min Scan# 979

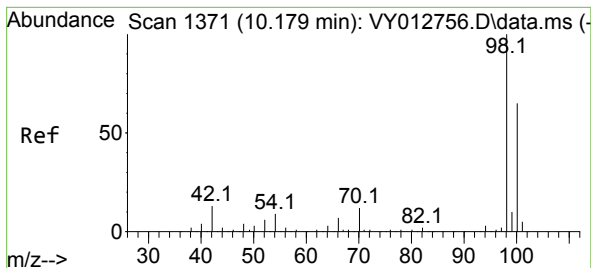
Delta R.T. -0.110 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

Tgt Ion: 117	Resp: 7853
Ion Ratio	Lower Upper
117	100
119	3.6 77.2 115.8#
121	0.0 24.7 37.1#





#50

Toluene-d8

Concen: 54.508 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

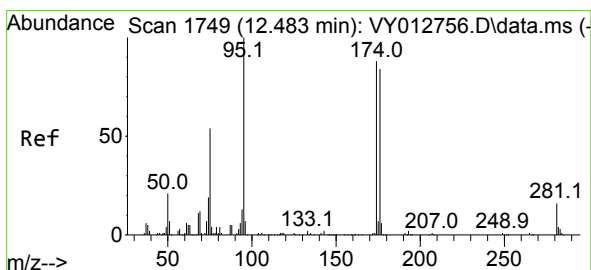
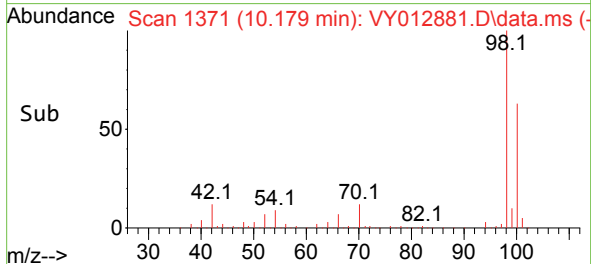
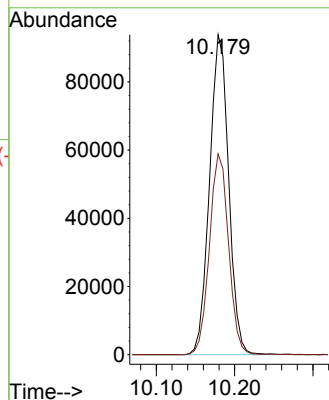
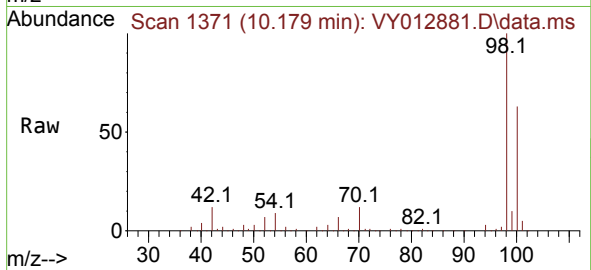
SS-10-20230306MS

Tgt Ion: 98 Resp: 158783

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.822 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012881.D

Acq: 08 Mar 2023 19:10

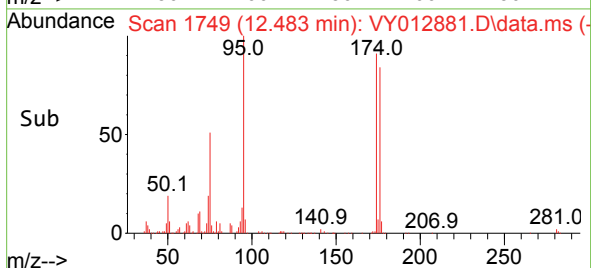
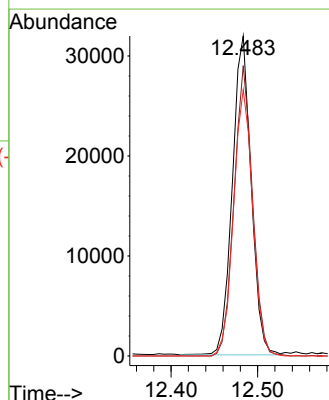
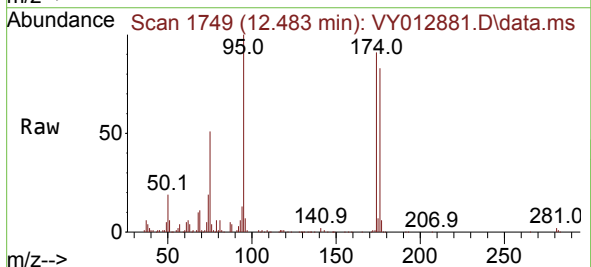
Tgt Ion: 95 Resp: 48003

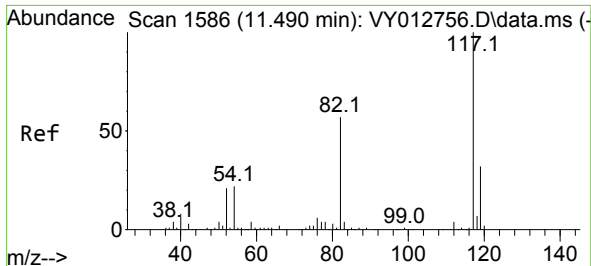
Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.6

176 85.3 0.0 170.2

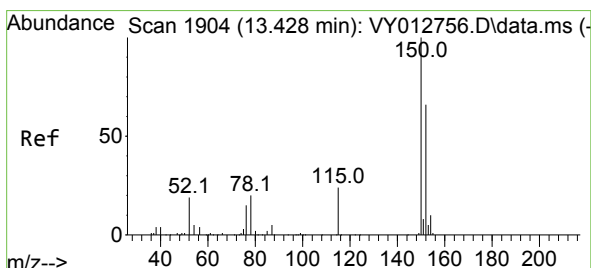
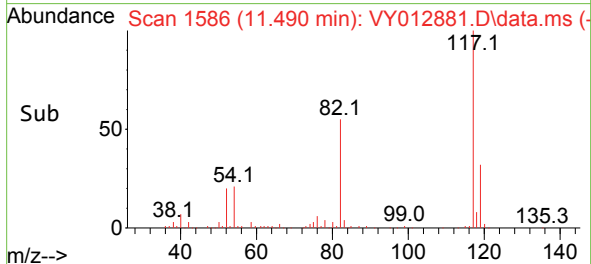
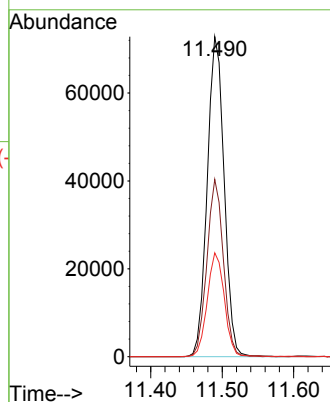
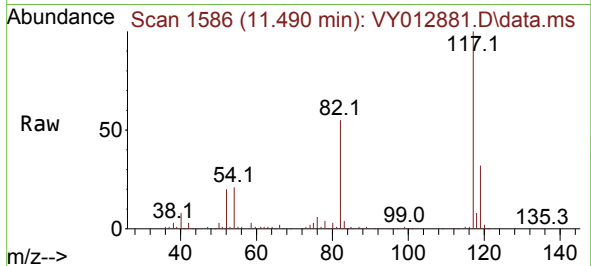




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

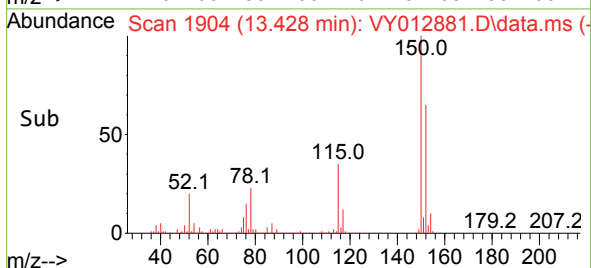
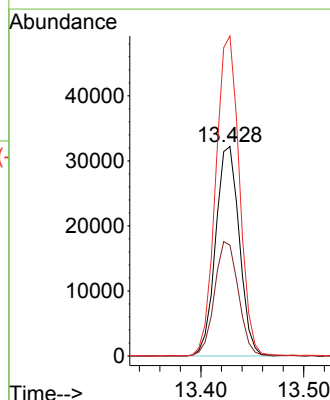
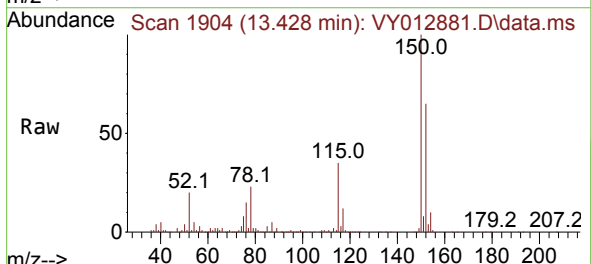
Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MS

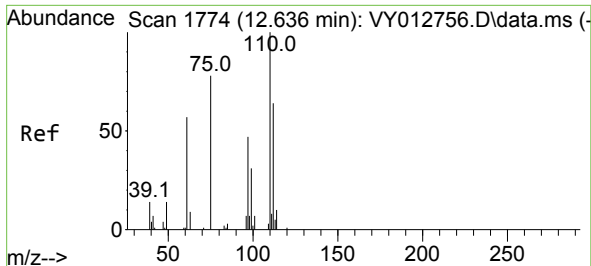
Tgt Ion:	117	Resp:	119542
Ion Ratio	Lower	Upper	
117	100		
82	55.4	45.4	68.0
119	32.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Tgt Ion:	152	Resp:	51574
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.1	81.3
150	152.3	0.0	347.8

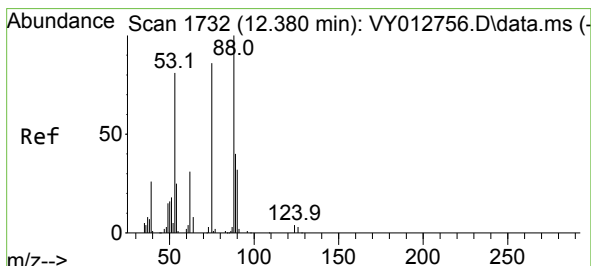
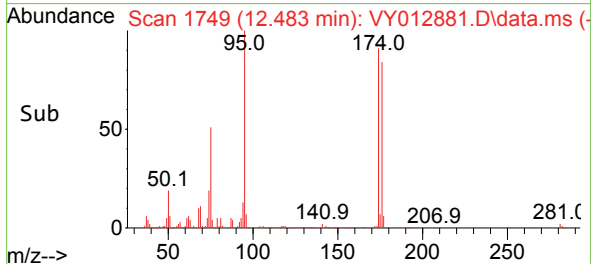
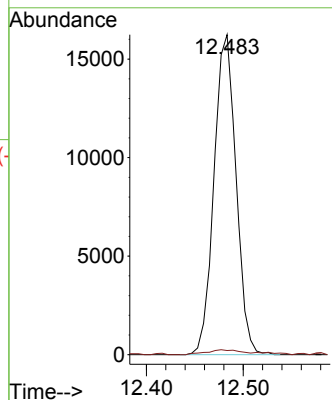
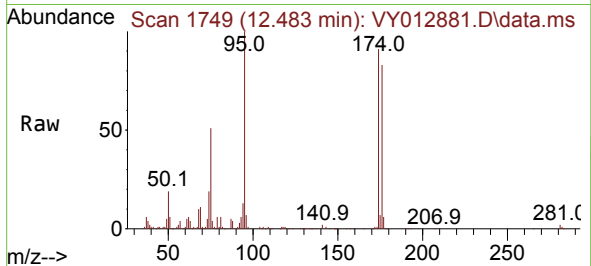




#76
1,2,3-Trichloropropane
Concen: 41.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :
SS-10-20230306MS

Tgt Ion: 75 Resp: 25688
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012881.D
Acq: 08 Mar 2023 19:10

Tgt Ion: 75 Resp: 25688
Ion Ratio Lower Upper
75 100
53 0.3 73.4 110.0#
89 0.0 36.6 55.0#

