

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012798.D
 Acq On : 03 Mar 2023 16:04
 Operator : KP/MD
 Sample : 01749-04
 Misc : 7.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-6

Quant Time: Mar 04 01:24:48 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)

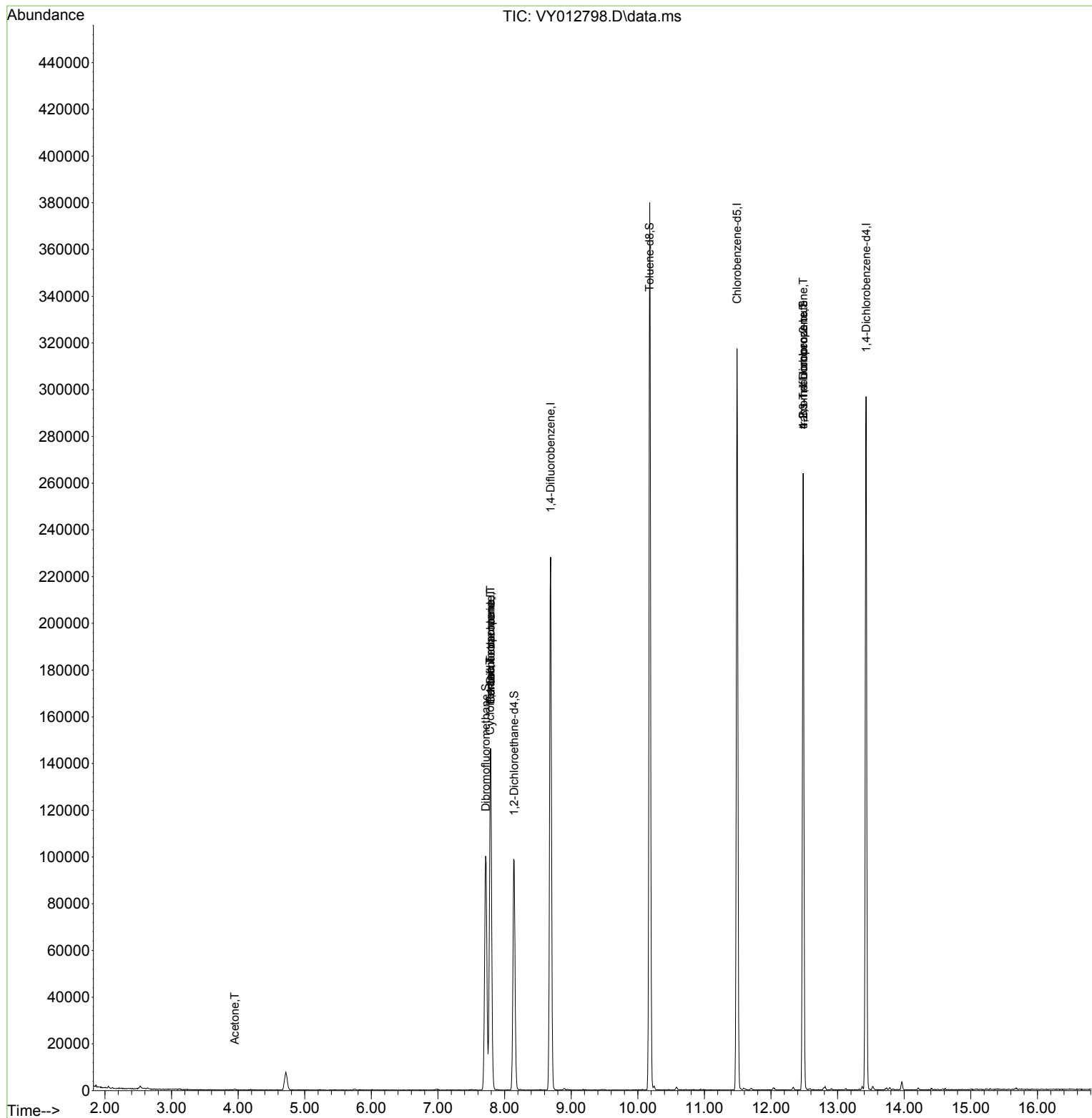
Internal Standards						
1) Pentafluorobenzene	7.789	168	114733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74012	64.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.940%	
35) Dibromofluoromethane	7.716	113	71189	61.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.460%	
50) Toluene-d8	10.179	98	239832	56.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.483	95	74508	51.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	494	1.105	ug/l	91
20) Methylene Chloride	4.716	84	5546	Below Cal		91
31) Cyclohexane	7.783	56	2664	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8871	4.553	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10894	5.414	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	39056	43.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39056	89.654	ug/l #	13

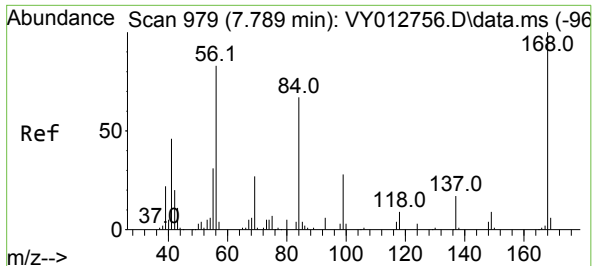
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
Data File : VY012798.D
Acq On : 03 Mar 2023 16:04
Operator : KP/MD
Sample : 01749-04
Misc : 7.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CF-6

Quant Time: Mar 04 01:24:48 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

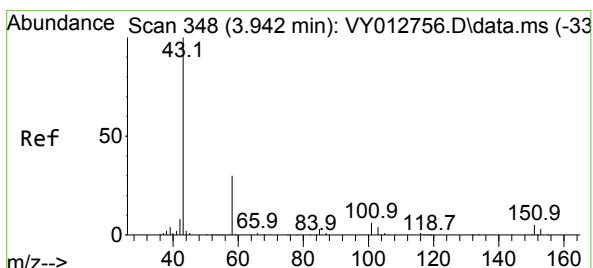
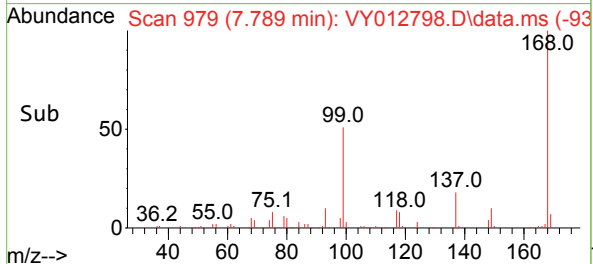
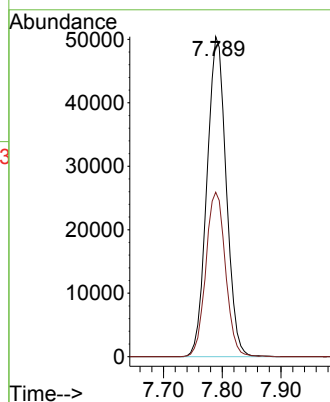
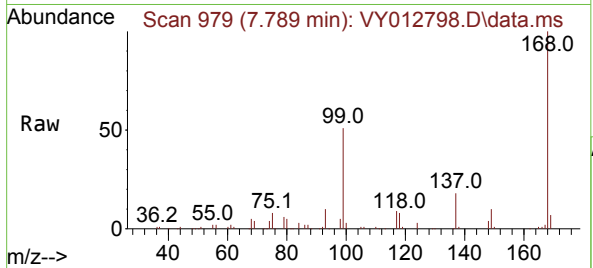




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

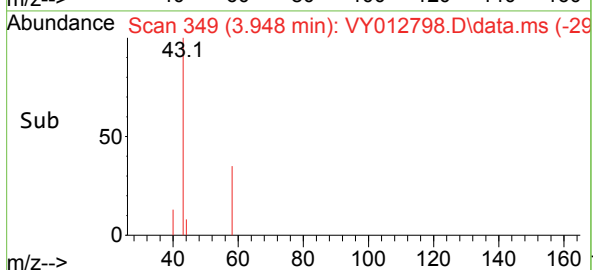
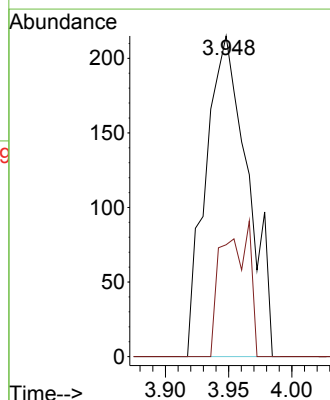
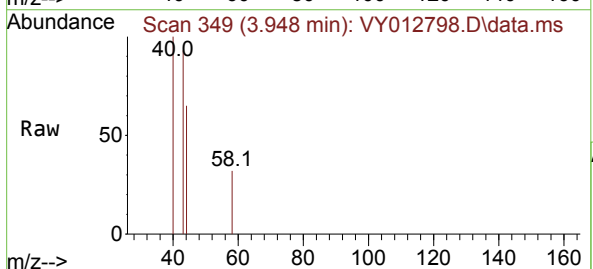
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

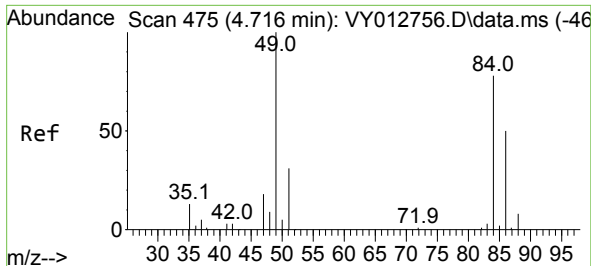
Tgt Ion:168 Resp: 114733
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#16
Acetone
Concen: 1.105 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 34.9 24.2 36.2





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012798.D

Acq: 03 Mar 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

CF-6

Tgt Ion: 84 Resp: 5546

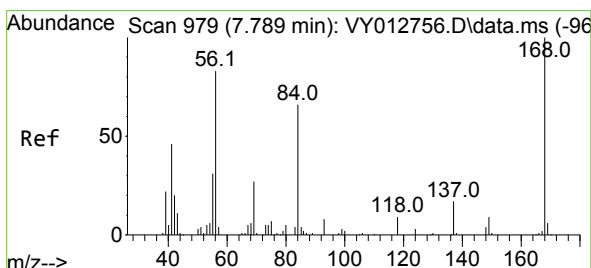
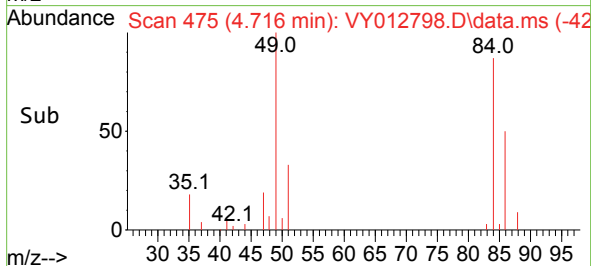
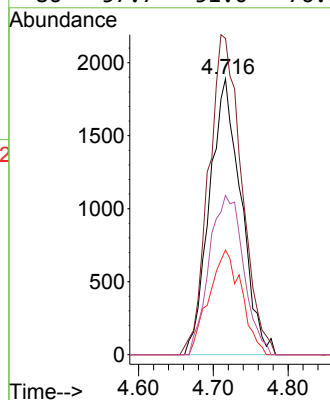
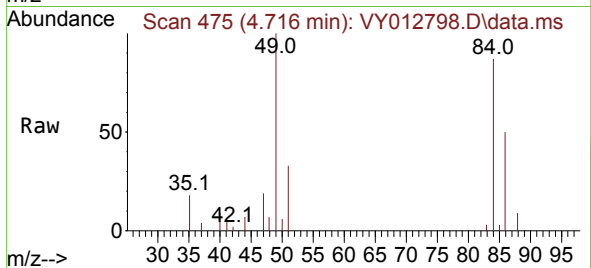
Ion Ratio Lower Upper

84 100

49 114.7 102.6 154.0

51 37.9 31.9 47.9

86 57.7 51.0 76.6



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012798.D

Acq: 03 Mar 2023 16:04

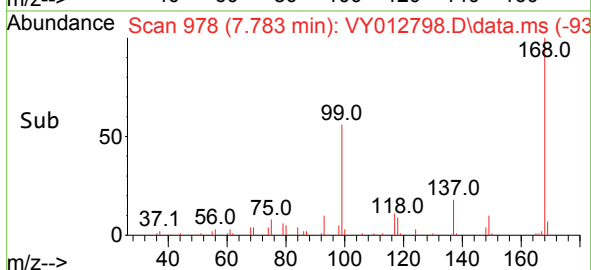
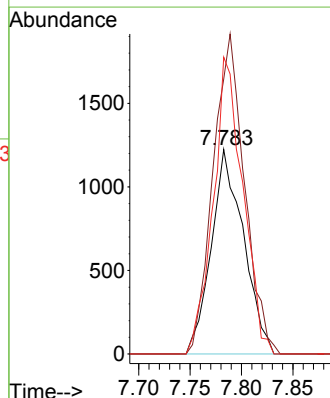
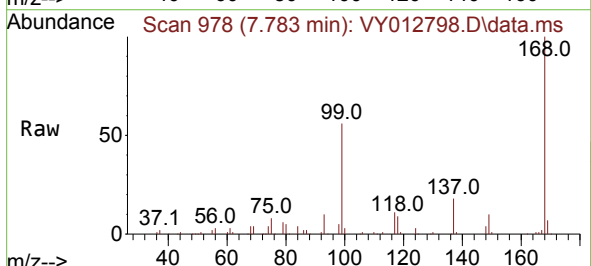
Tgt Ion: 56 Resp: 2664

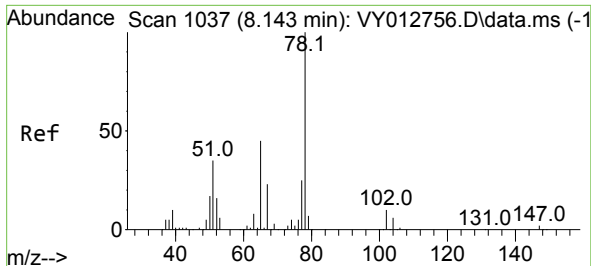
Ion Ratio Lower Upper

56 100

69 134.4 25.7 38.5#

84 145.1 64.3 96.5#

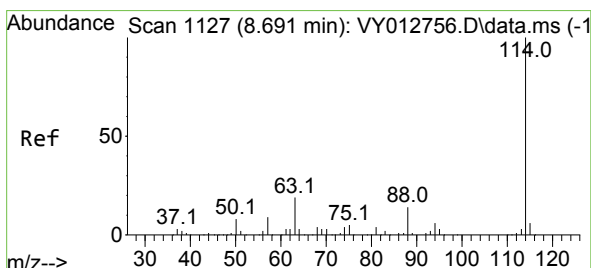
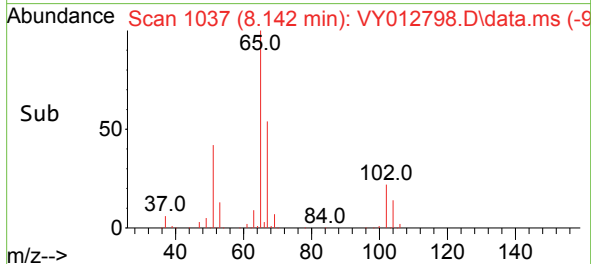
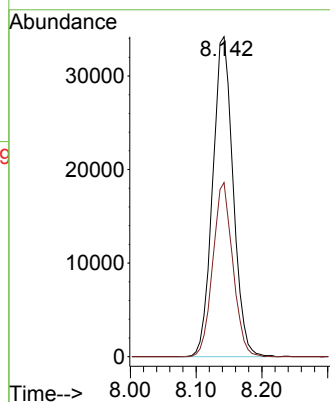
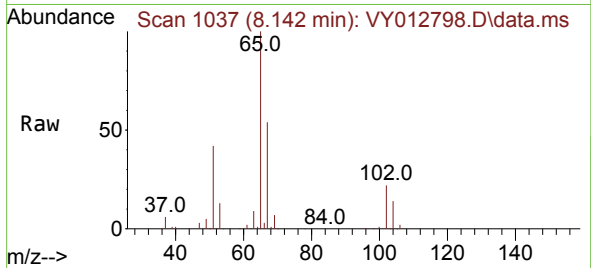




#33
1,2-Dichloroethane-d4
Concen: 64.971 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

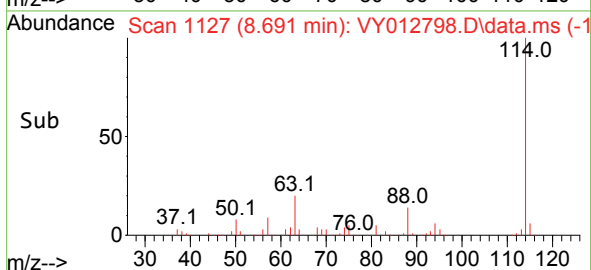
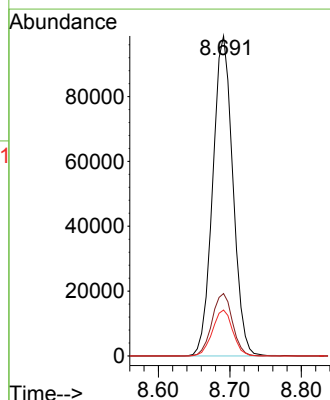
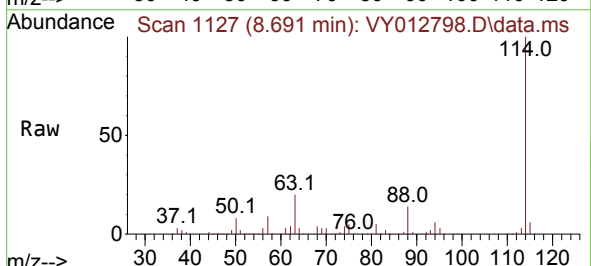
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

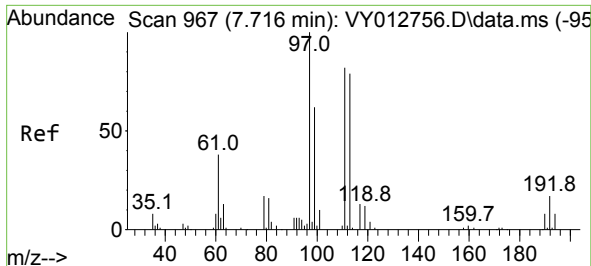
Tgt Ion: 65 Resp: 74012
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 114 Resp: 192664
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.3 0.0 28.6

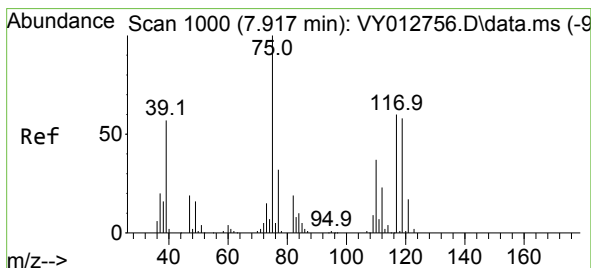
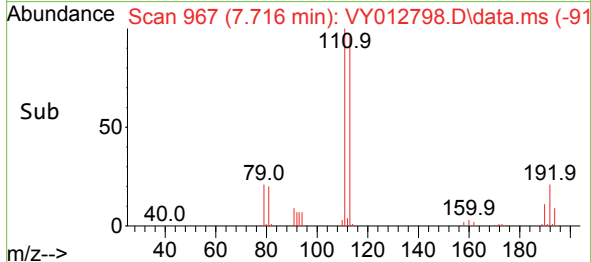
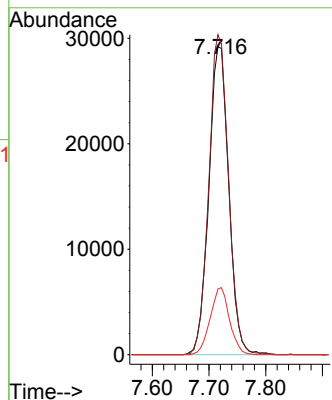
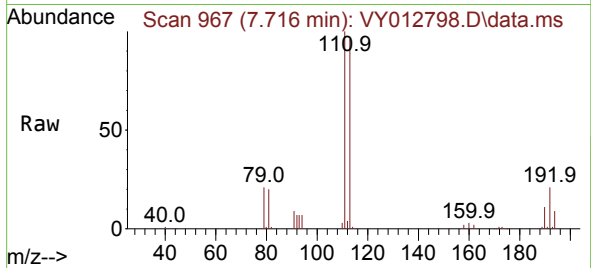




#35
Dibromofluoromethane
Concen: 61.226 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

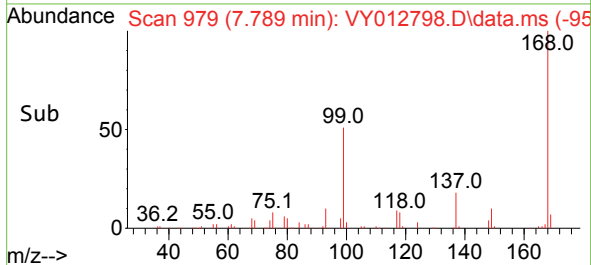
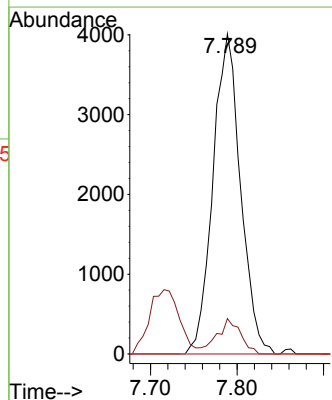
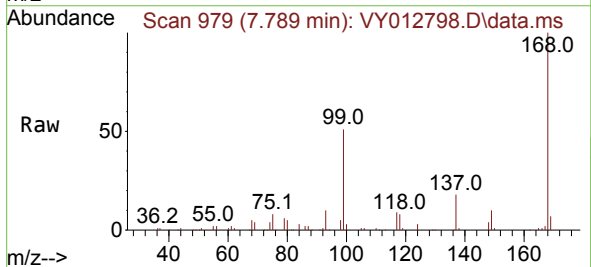
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

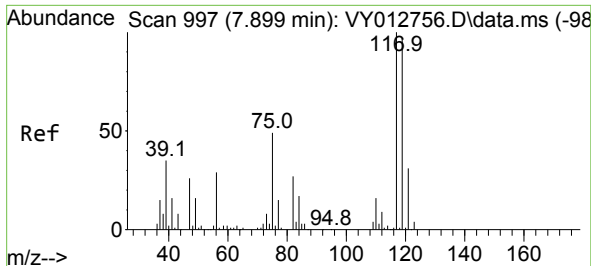
Tgt Ion:113 Resp: 71189
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 75 Resp: 8871
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#

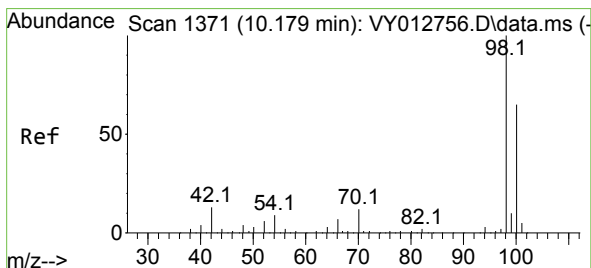
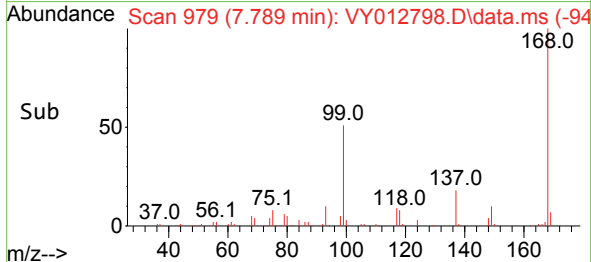
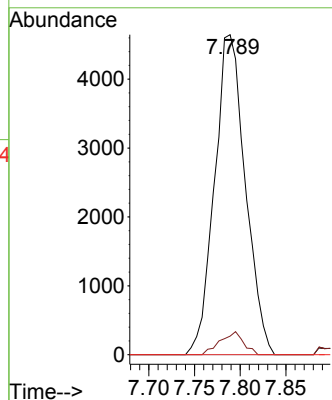
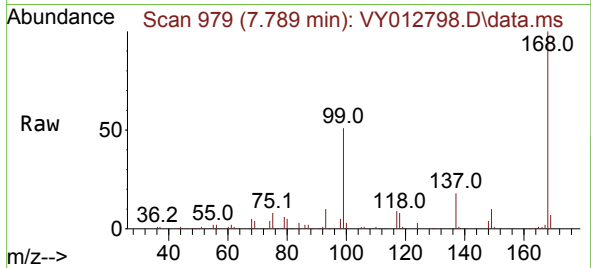




#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

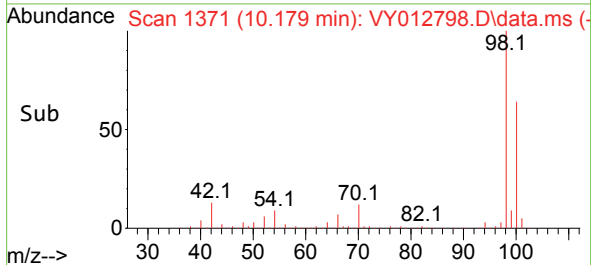
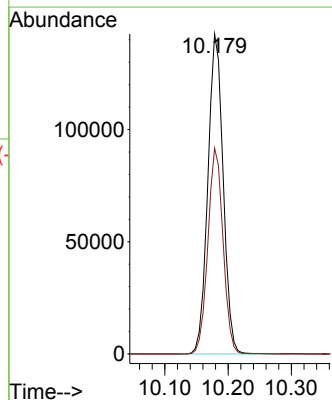
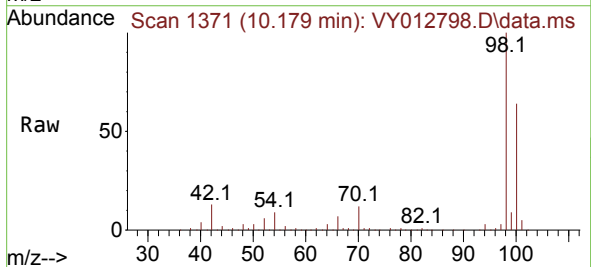
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

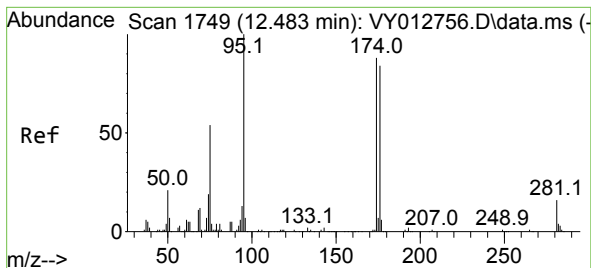
Tgt Ion:117 Resp: 10894
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 98 Resp: 239832
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

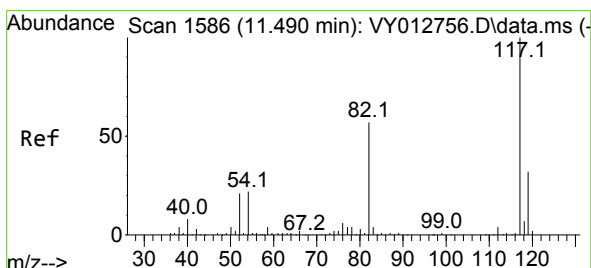
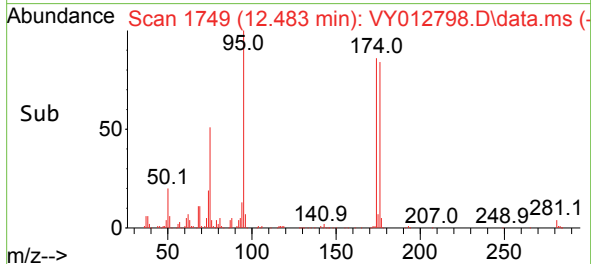
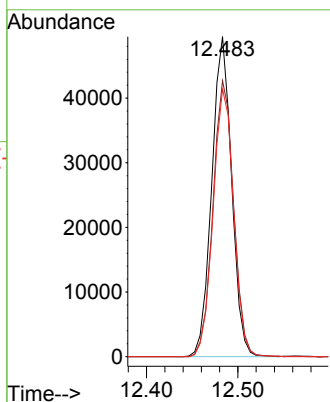
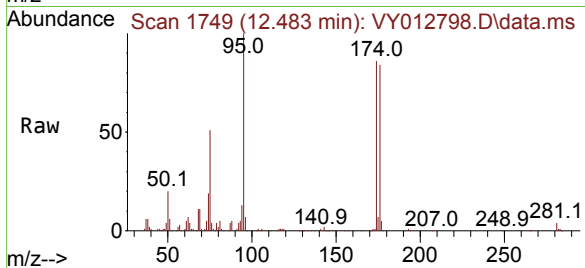




#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

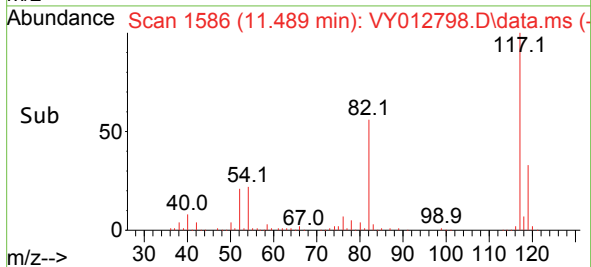
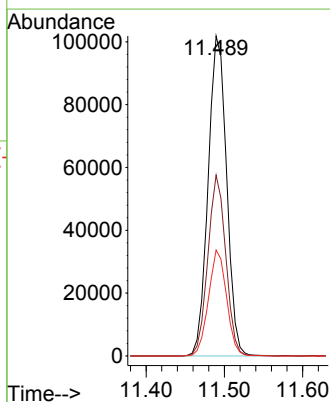
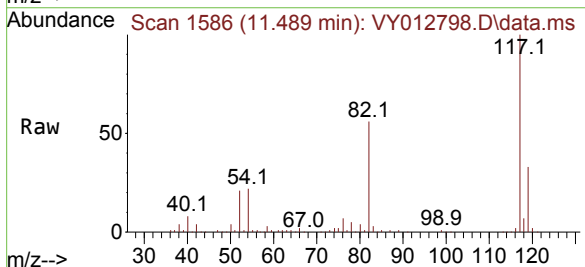
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

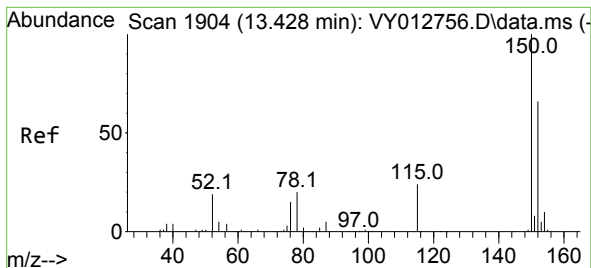
Tgt Ion: 95 Resp: 74508
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 117 Resp: 166910
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 33.1 25.6 38.4

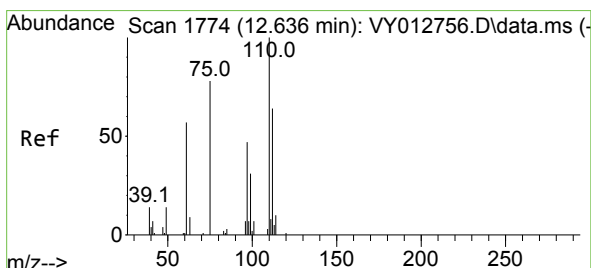
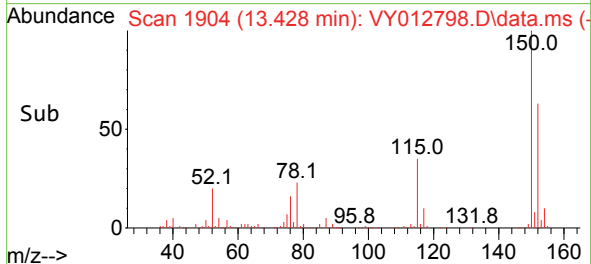
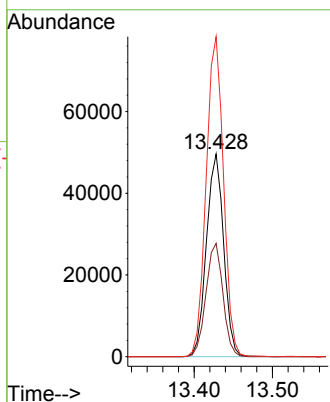
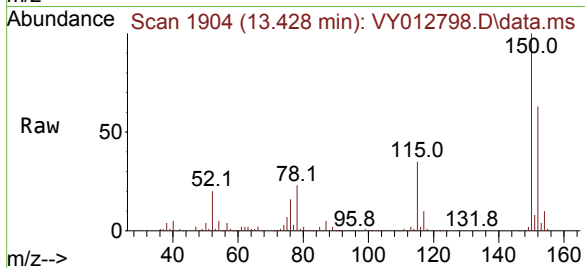




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012798.D
 Acq: 03 Mar 2023 16:04

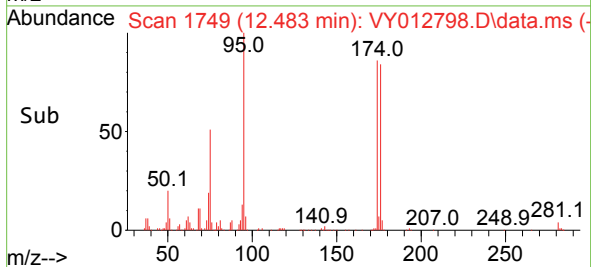
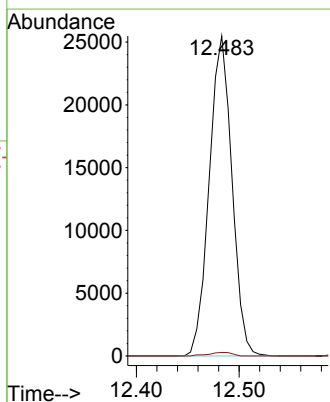
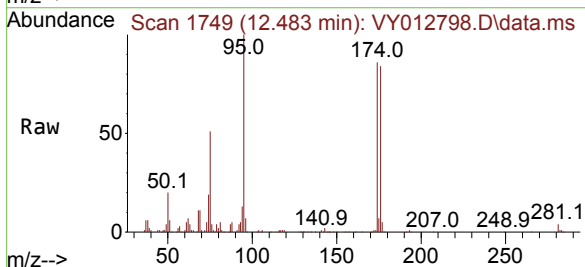
Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-6

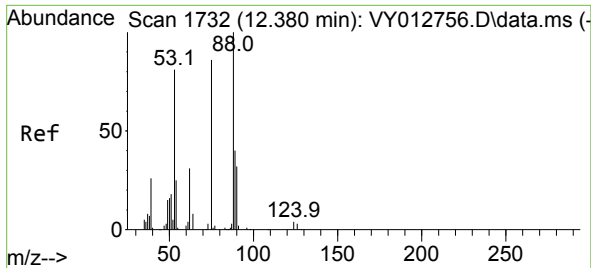
Tgt Ion:152 Resp: 75588
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 159.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 43.269 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012798.D
 Acq: 03 Mar 2023 16:04

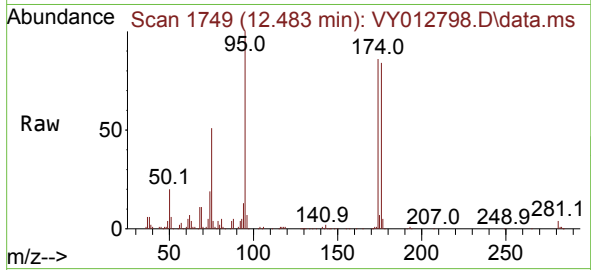
Tgt Ion: 75 Resp: 39056
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.654 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :
CF-6



Tgt Ion:	75	Resp:	39056
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

