

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013182.D
 Acq On : 03 Apr 2023 17:42
 Operator : KP/MD
 Sample : 02162-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-033123

Quant Time: Apr 03 23:11:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

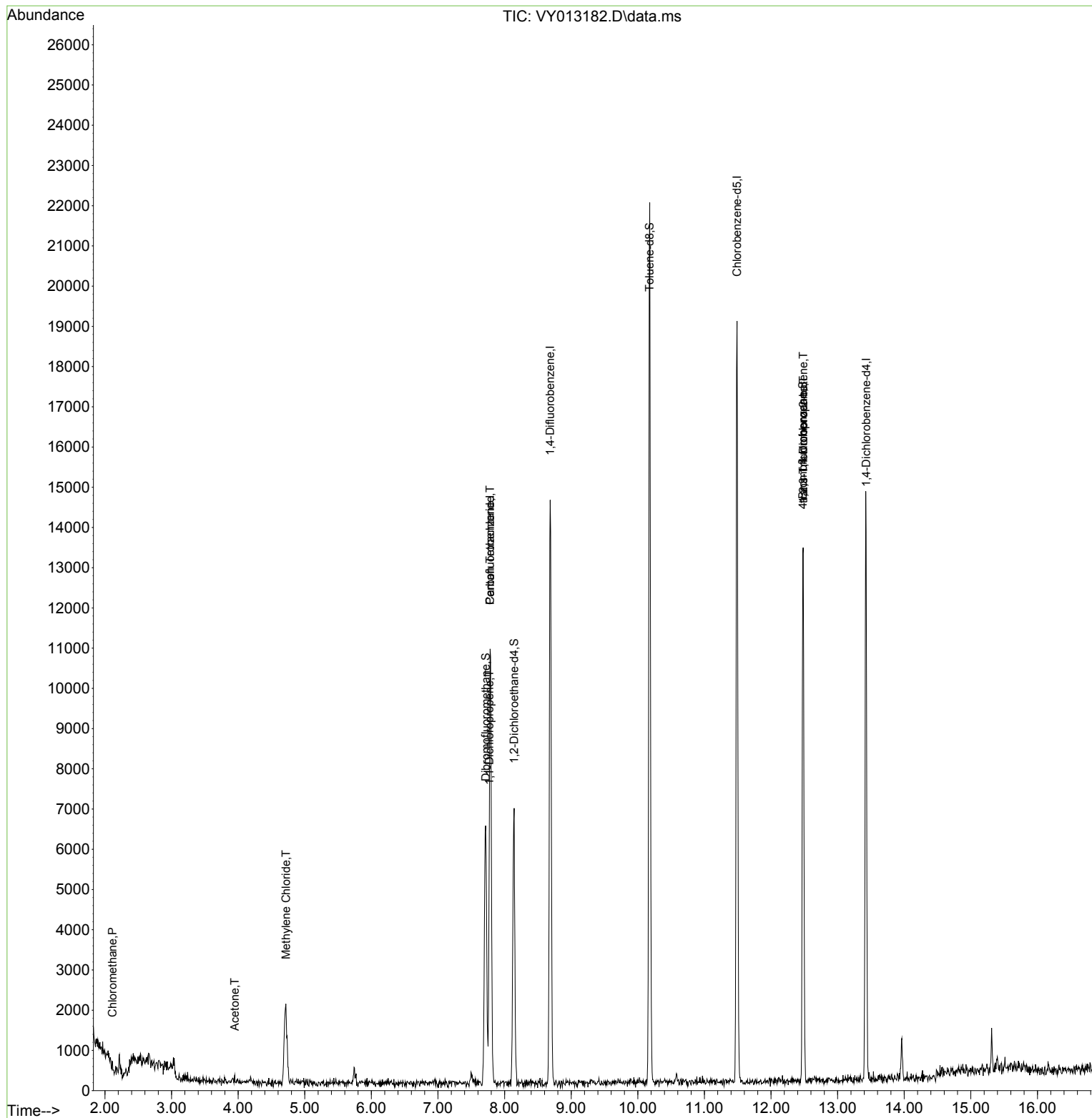
Internal Standards						
1) Pentafluorobenzene	7.783	168	9135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	13308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5397	54.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.716	113	4819	55.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	15236	46.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.840%	
62) 4-Bromofluorobenzene	12.477	95	4210	39.409	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	111	1.189	ug/l #	42
16) Acetone	3.948	43	211	7.029	ug/l #	44
20) Methylene Chloride	4.716	84	1744	12.837	ug/l #	80
36) 1,1-Dichloropropene	7.771	75	313	2.392	ug/l #	41
38) Carbon Tetrachloride	7.783	117	905	6.267	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2085	41.354	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2085	92.226	ug/l #	13

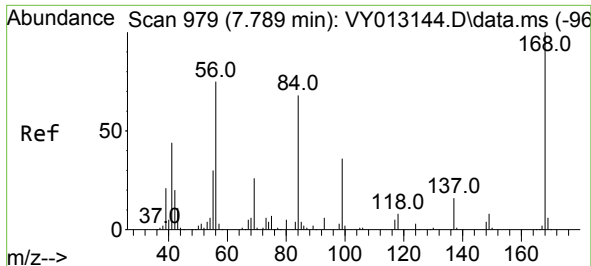
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013182.D
Acq On : 03 Apr 2023 17:42
Operator : KP/MD
Sample : 02162-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

Quant Time: Apr 03 23:11:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

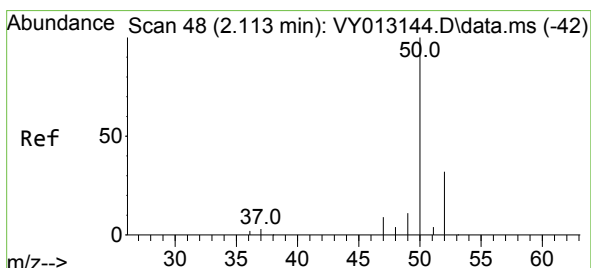
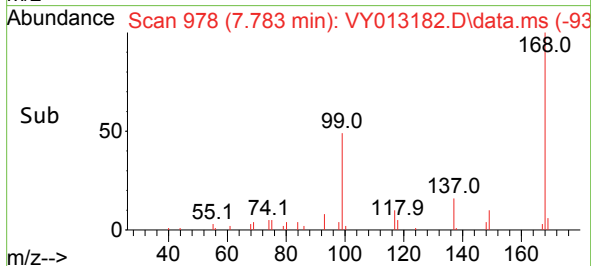
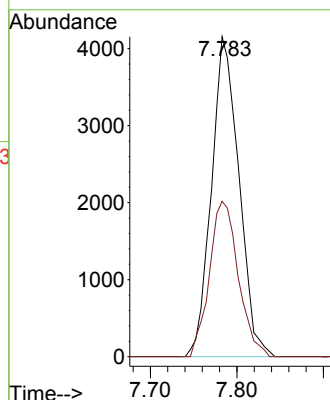
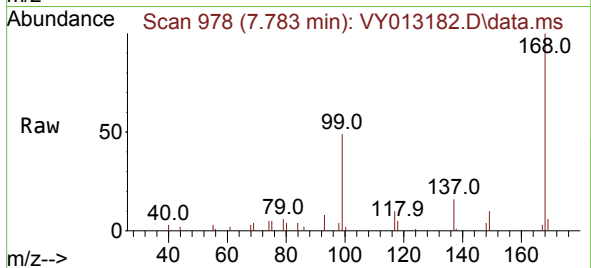




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

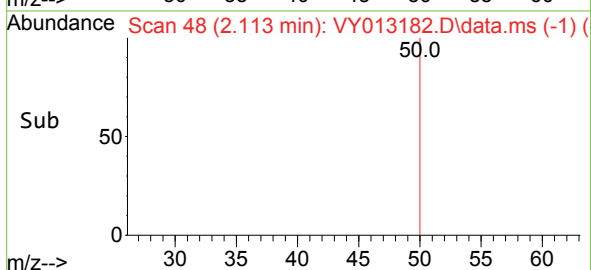
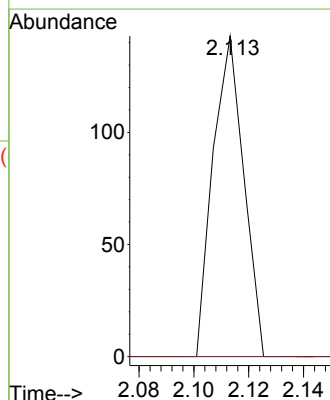
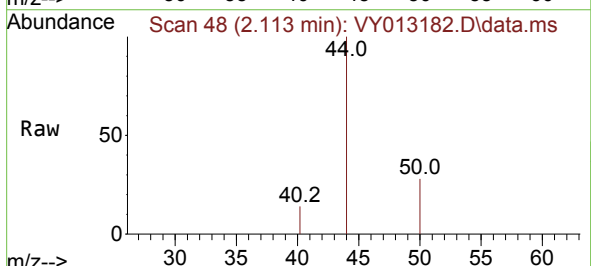
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

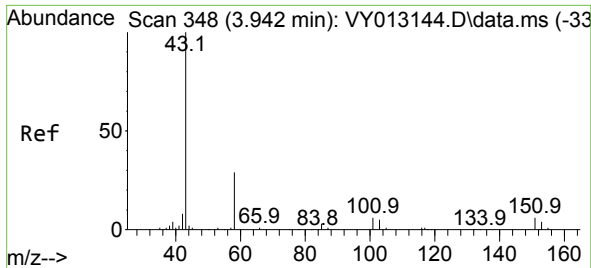
Tgt Ion:168 Resp: 9135
Ion Ratio Lower Upper
168 100
99 48.5 41.7 62.5



#3
Chloromethane
Concen: 1.189 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

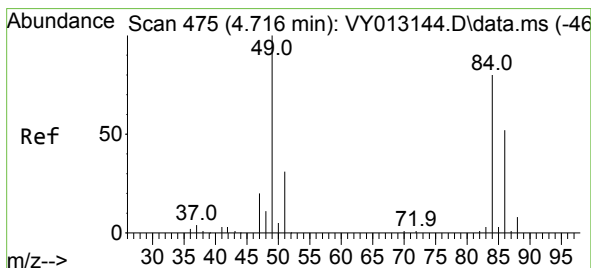
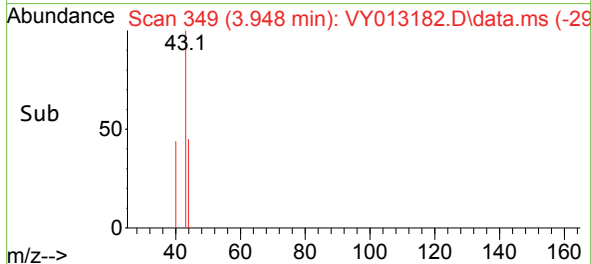
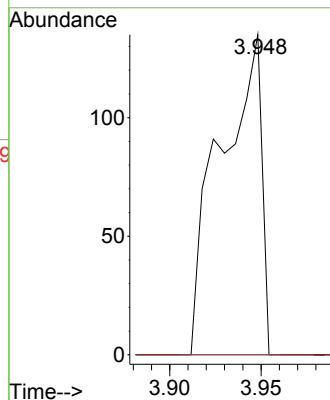
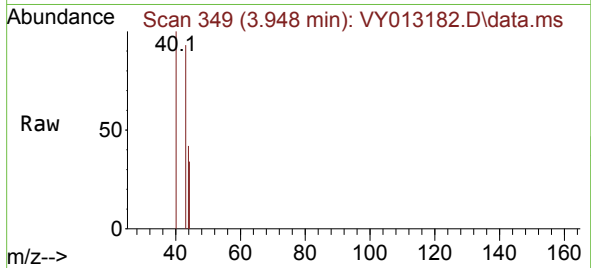




#16
Acetone
Concen: 7.029 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

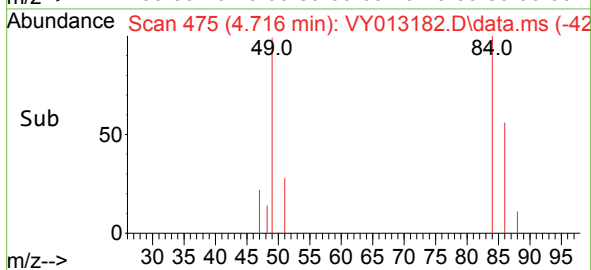
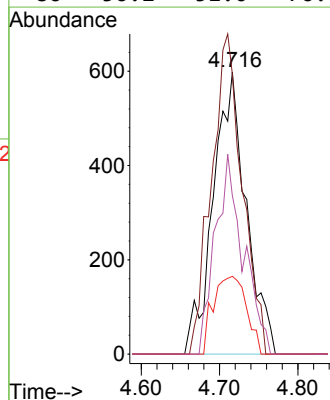
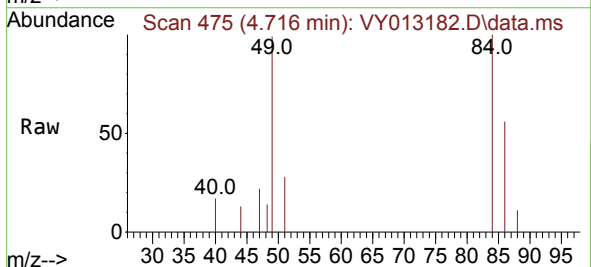
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

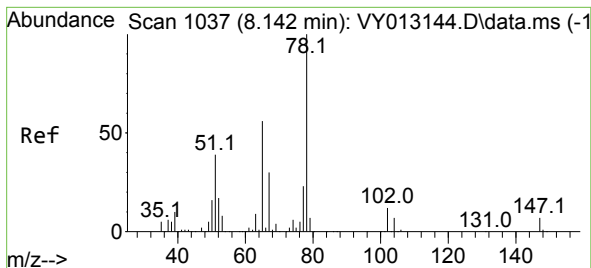
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 12.837 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Tgt Ion: 84 Resp: 1744
Ion Ratio Lower Upper
84 100
49 99.3 102.6 154.0#
51 27.6 31.9 47.9#
86 56.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.975 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013182.D

Acq: 03 Apr 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

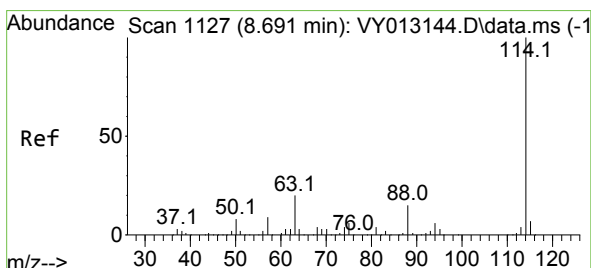
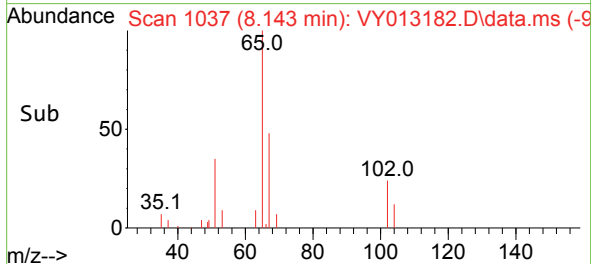
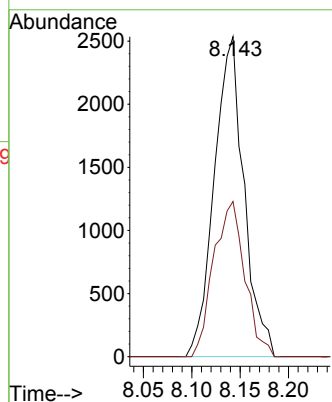
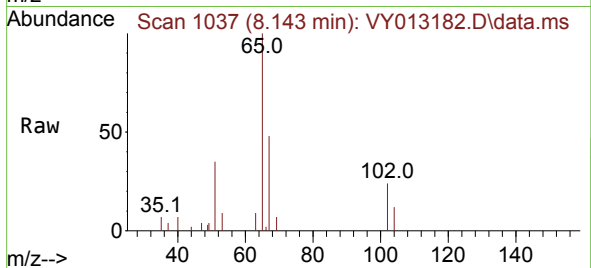
OR-3-033123

Tgt Ion: 65 Resp: 5397

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013182.D

Acq: 03 Apr 2023 17:42

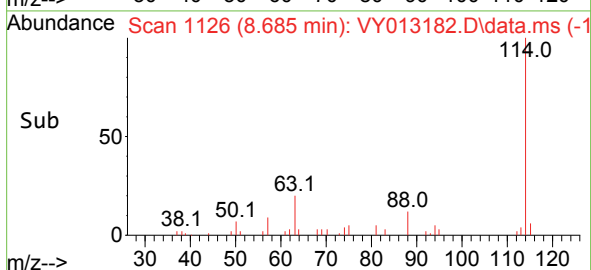
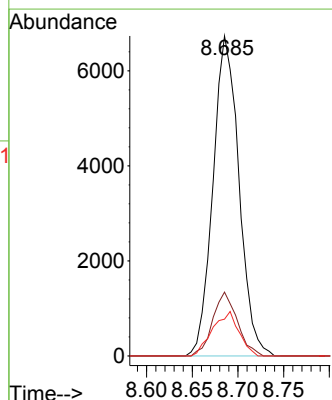
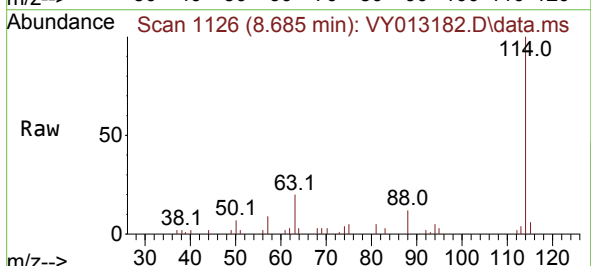
Tgt Ion: 114 Resp: 13308

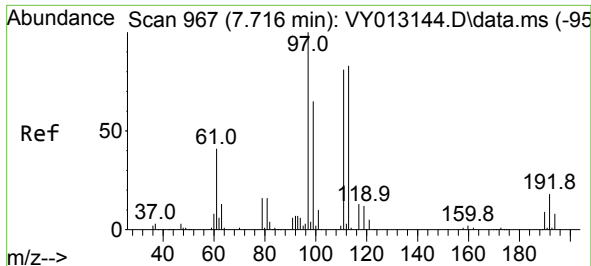
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 11.5 0.0 28.6

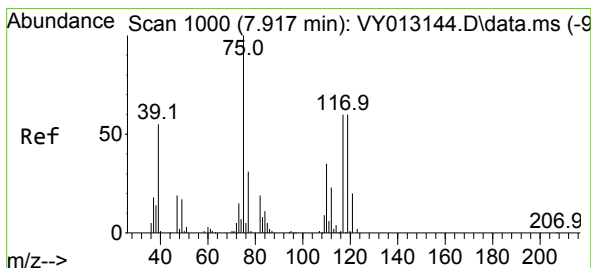
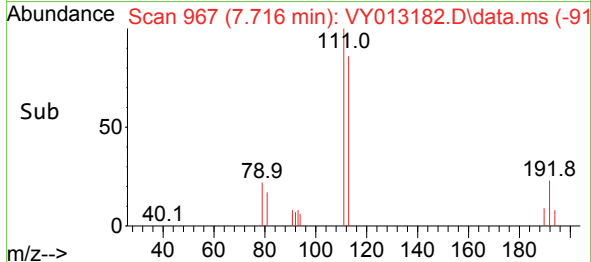
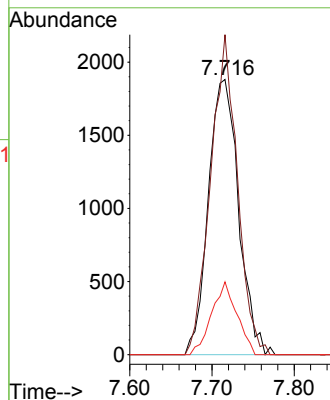
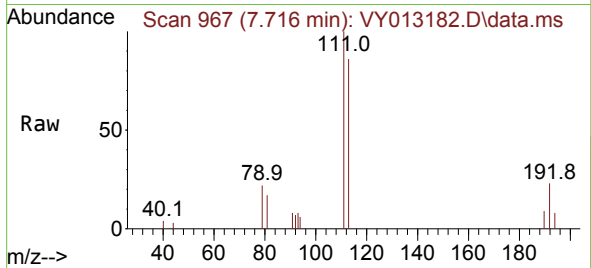




#35
Dibromofluoromethane
Concen: 55.431 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

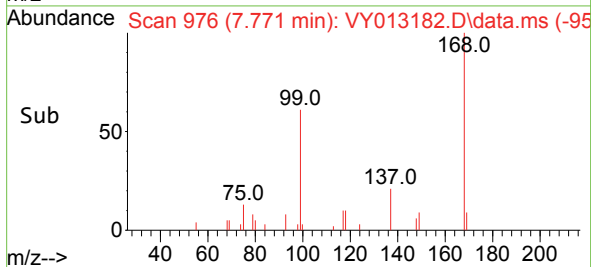
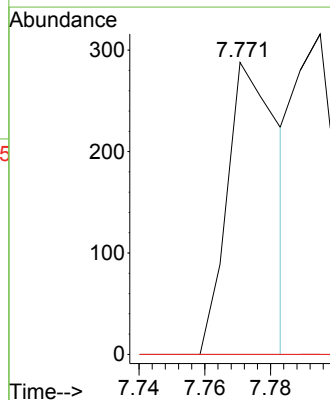
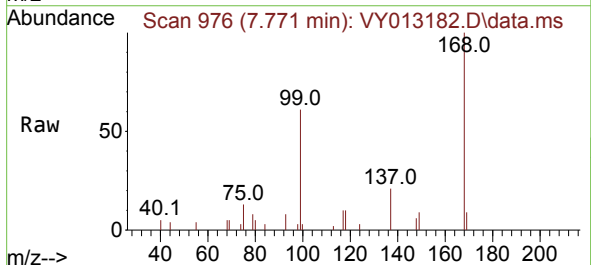
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

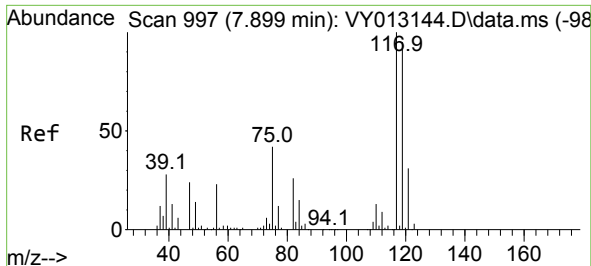
Tgt Ion:113 Resp: 4819
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 22.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.392 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.146 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

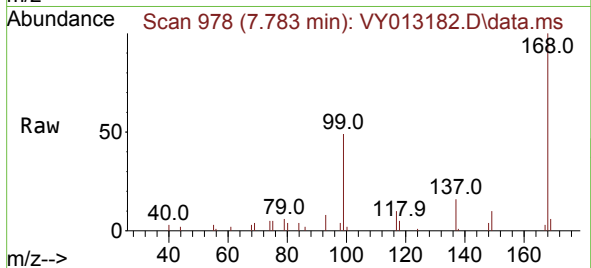
Tgt Ion: 75 Resp: 313
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



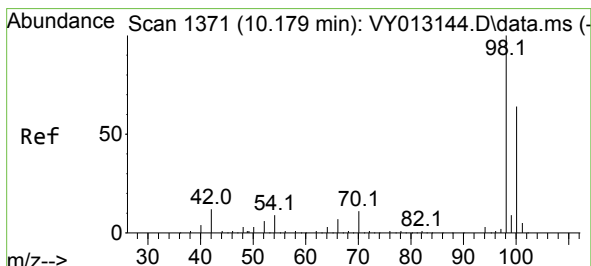
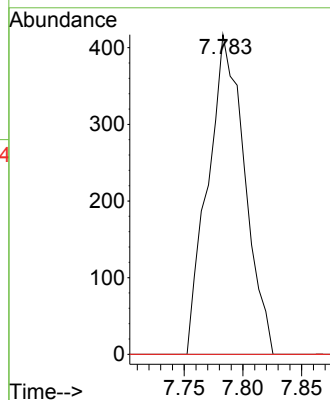
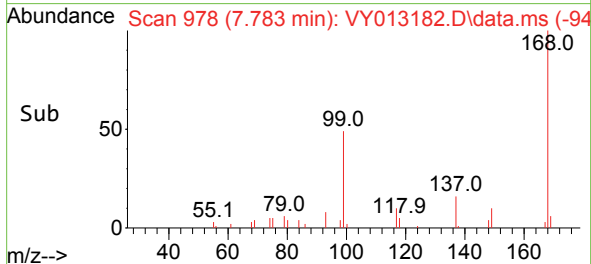


#38
Carbon Tetrachloride
Concen: 6.267 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

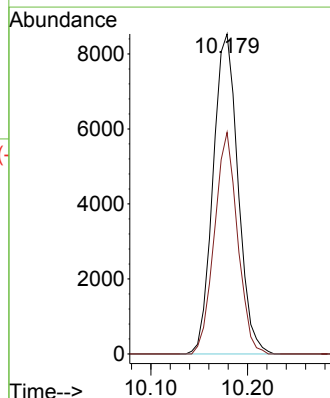
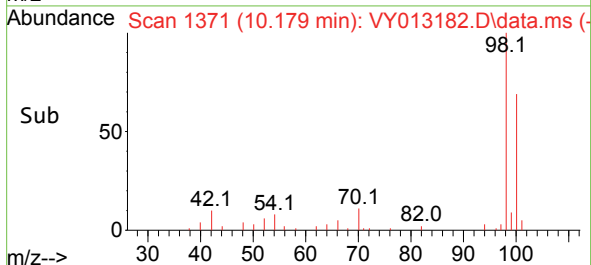
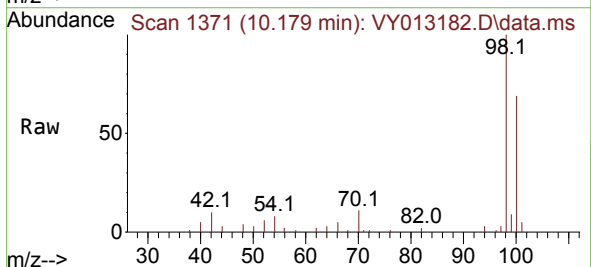


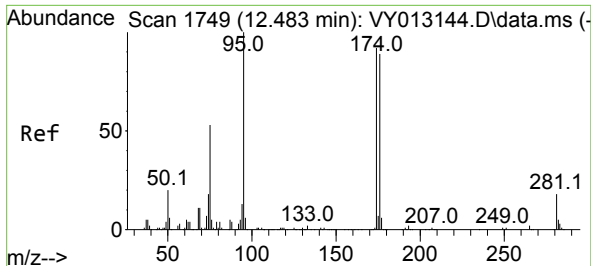
Tgt Ion:117 Resp: 905
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.423 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

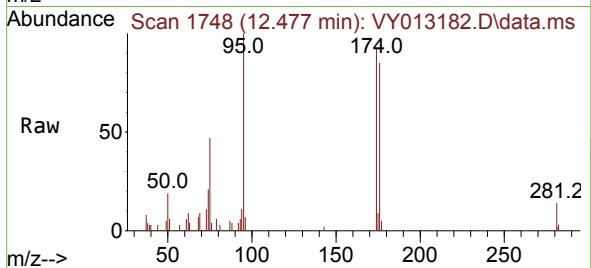
Tgt Ion: 98 Resp: 15236
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



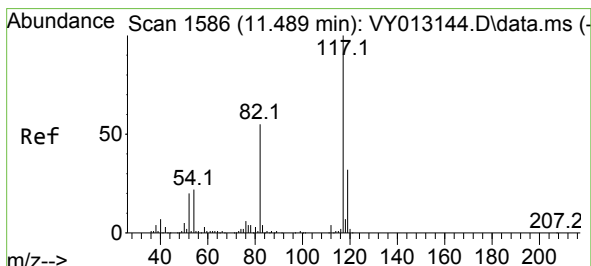
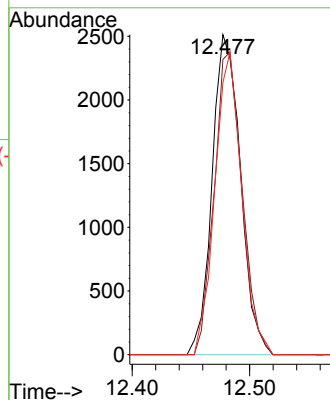
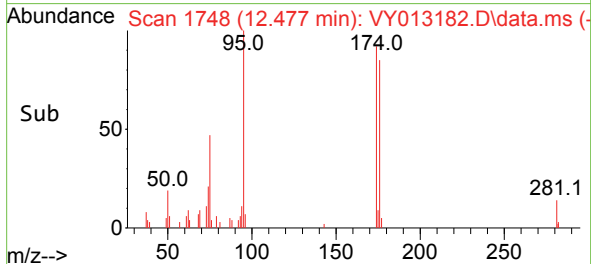


#62
4-Bromofluorobenzene
Concen: 39.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

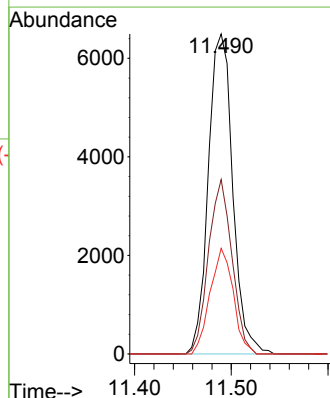
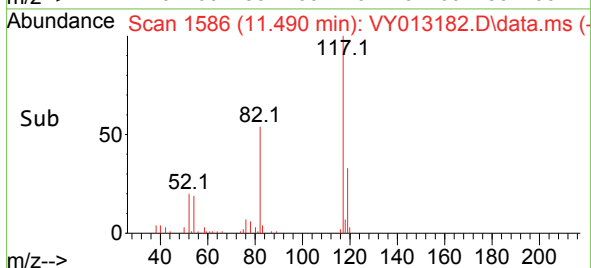
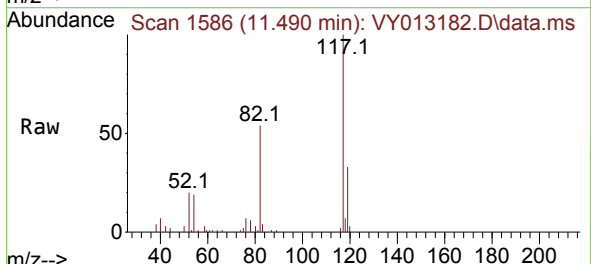


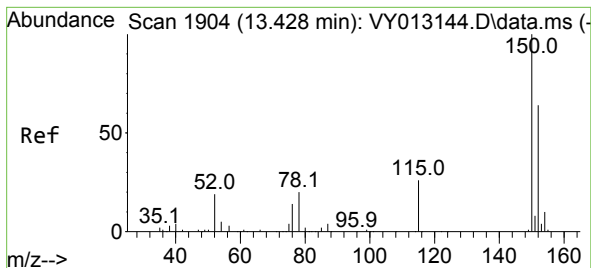
Tgt Ion: 95 Resp: 4210
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.6
176 89.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Tgt Ion: 117 Resp: 11395
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 33.0 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: VY013182.D

Acq: 03 Apr 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-033123

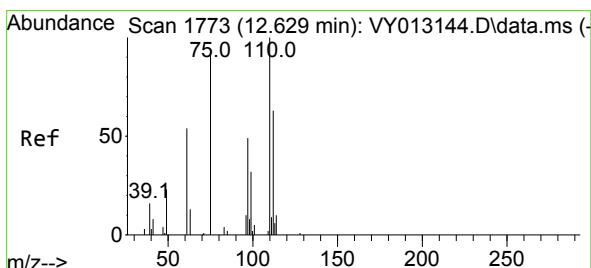
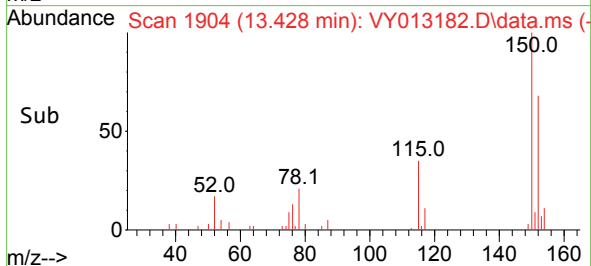
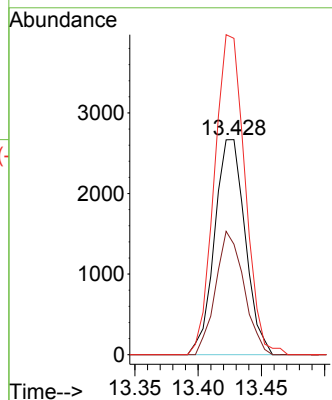
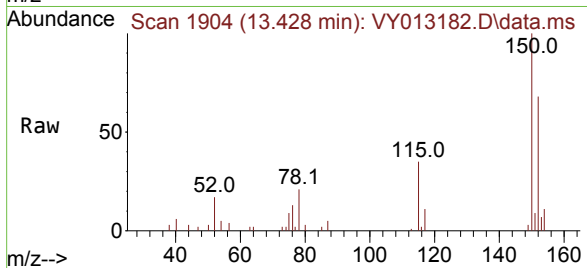
Tgt Ion:152 Resp: 4488

Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 148.6 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 41.354 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013182.D

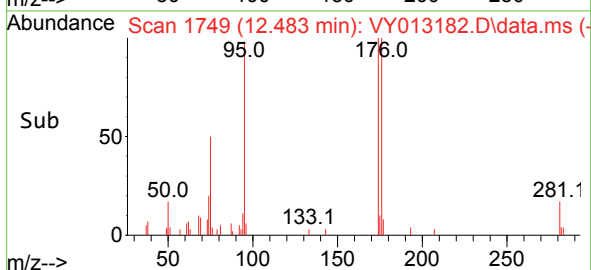
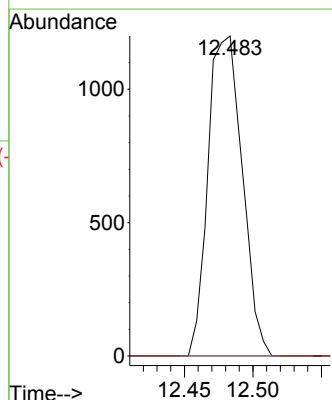
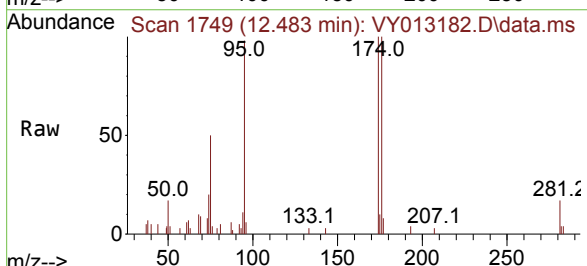
Acq: 03 Apr 2023 17:42

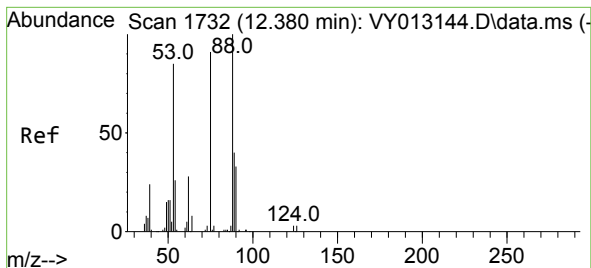
Tgt Ion: 75 Resp: 2085

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.226 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY013182.D
 Acq: 03 Apr 2023 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-033123

Tgt Ion: 75 Resp: 2085
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

