

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014747.D
 Acq On : 21 Jul 2023 15:19
 Operator : SY/MD
 Sample : 03681-17
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-6-GRAB-11

Quant Time: Jul 22 05:37:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

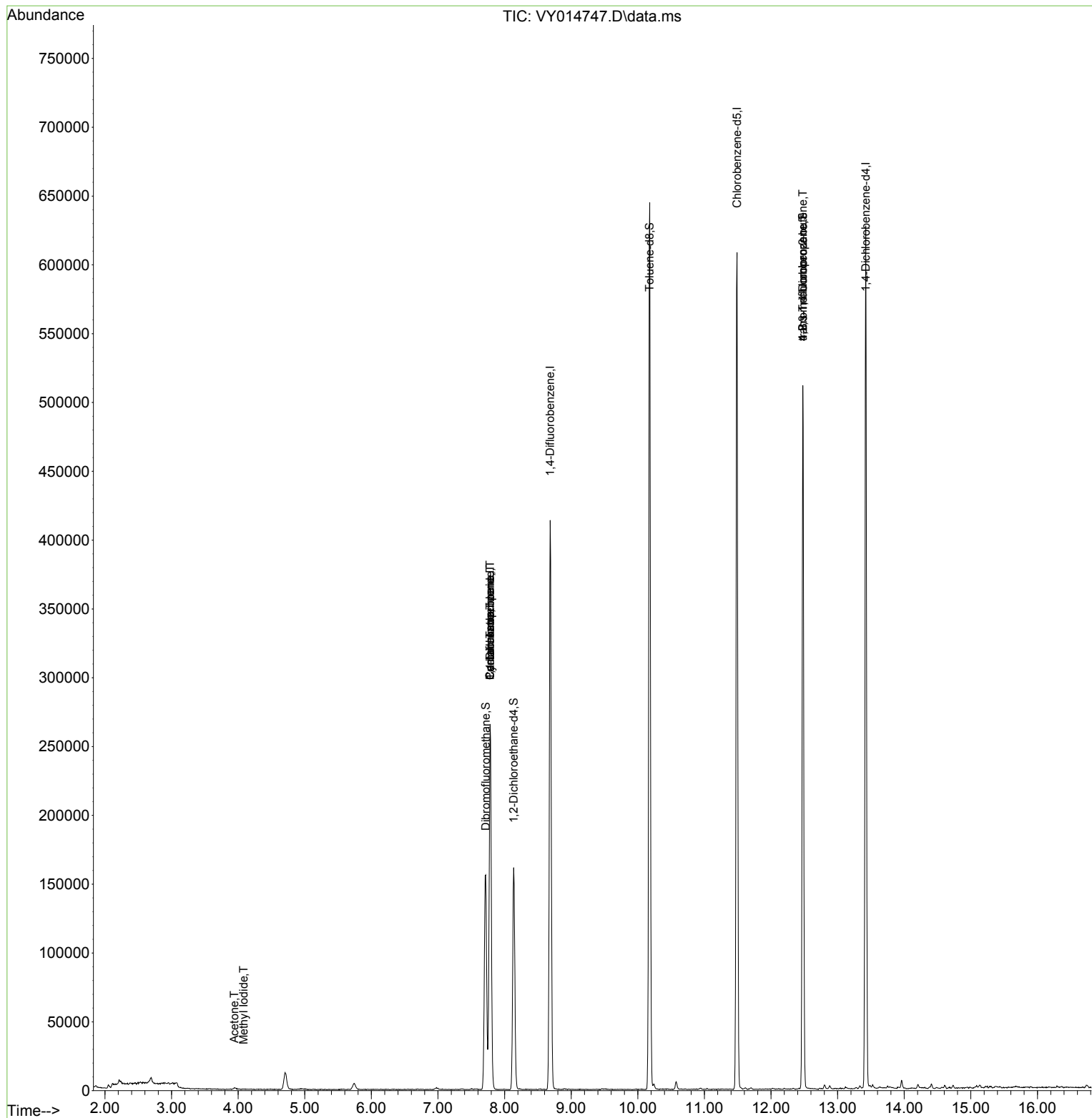
Internal Standards						
1) Pentafluorobenzene	7.783	168	206222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126835	53.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.940%	
35) Dibromofluoromethane	7.716	113	113384	49.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.180%	
50) Toluene-d8	10.179	98	424546	50.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	12.477	95	160257	49.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.160%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	199	2.452	ug/l #	63
11) Tert butyl alcohol	4.936	59	361	Below Cal	#	89
16) Acetone	3.942	43	1669	2.241	ug/l #	75
20) Methylene Chloride	4.704	84	9289	Below Cal	#	83
31) Cyclohexane	7.783	56	4332	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15748	4.606	ug/l #	50
38) Carbon Tetrachloride	7.783	117	20347	5.630	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	82596	41.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	82596	79.596	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014747.D
Acq On : 21 Jul 2023 15:19
Operator : SY/MD
Sample : 03681-17
Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

Quant Time: Jul 22 05:37:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

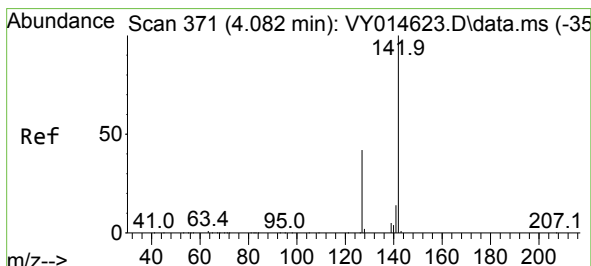
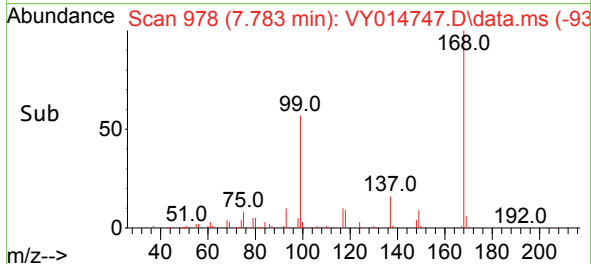
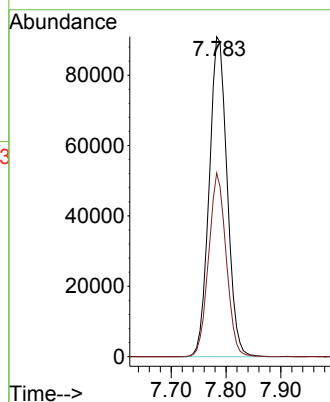
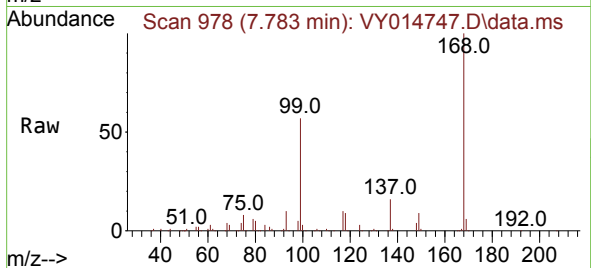




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

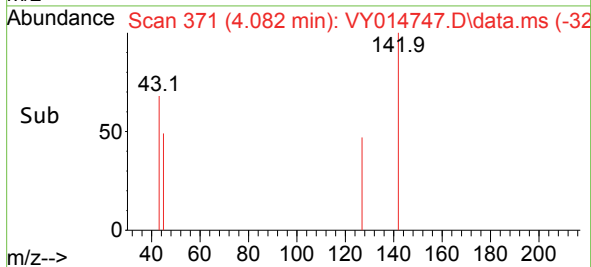
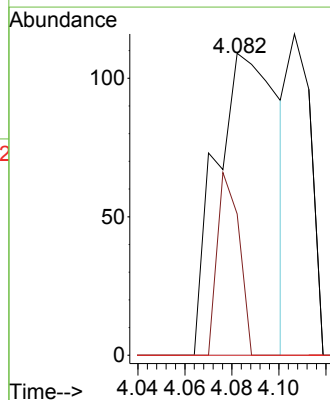
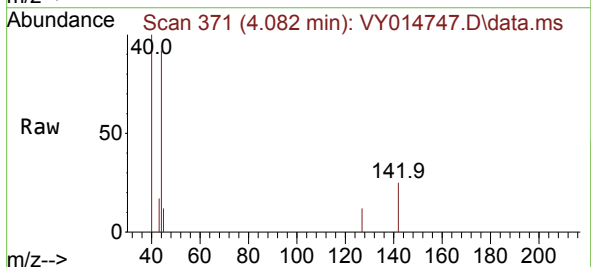
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

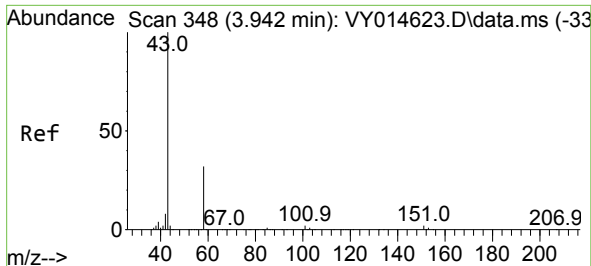
Tgt Ion:168 Resp: 206222
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.452 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 21.6 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 2.241 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

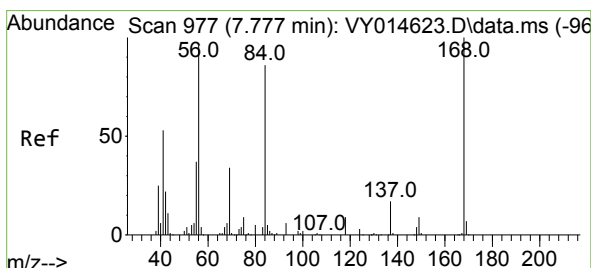
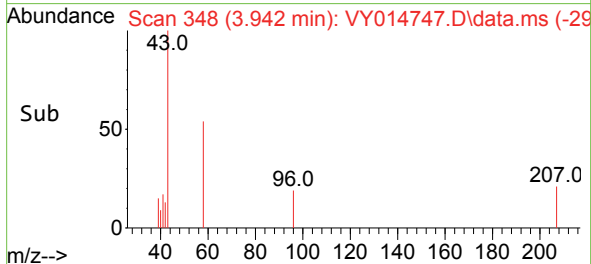
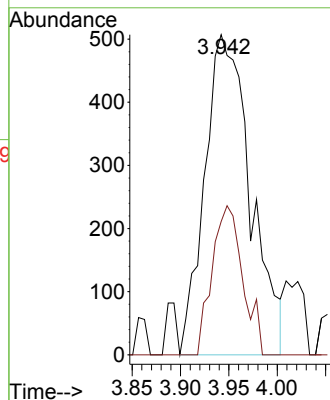
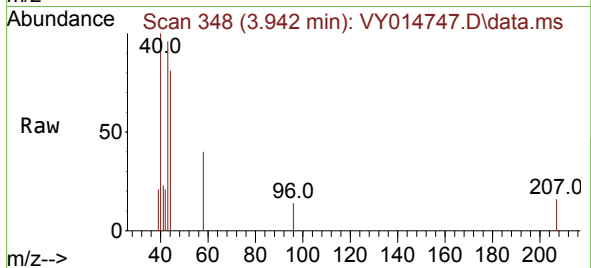
RPTP-6-GRAB-11

Tgt Ion: 43 Resp: 1669

Ion Ratio Lower Upper

43 100

58 41.6 22.7 34.1#



#31

Cyclohexane

Concen: 1.110 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

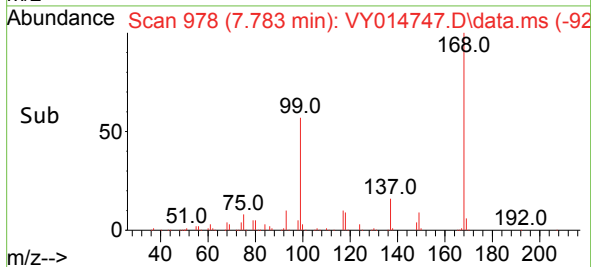
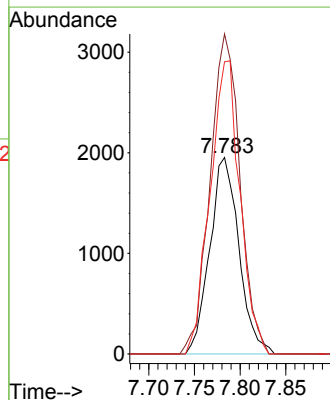
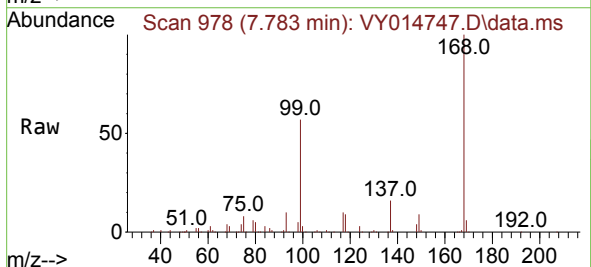
Tgt Ion: 56 Resp: 4332

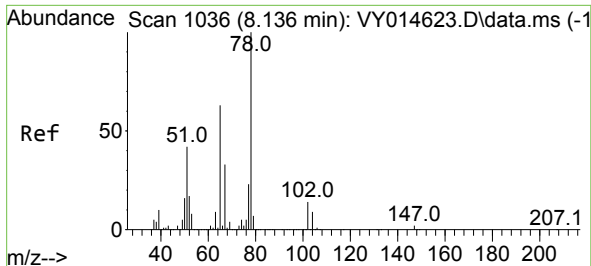
Ion Ratio Lower Upper

56 100

69 162.8 27.8 41.6#

84 148.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.973 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

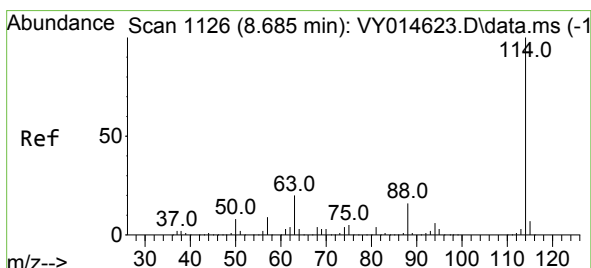
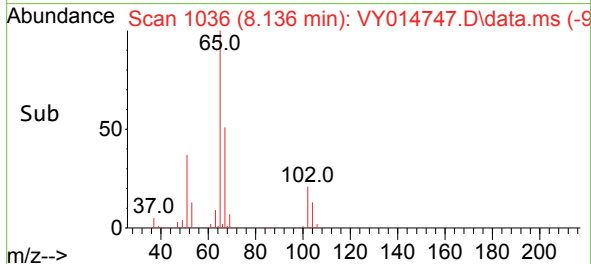
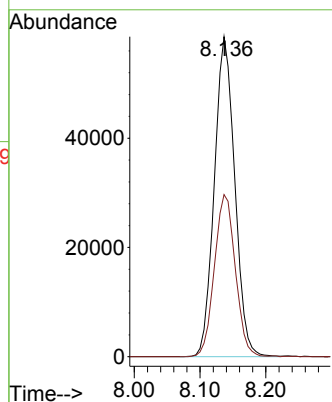
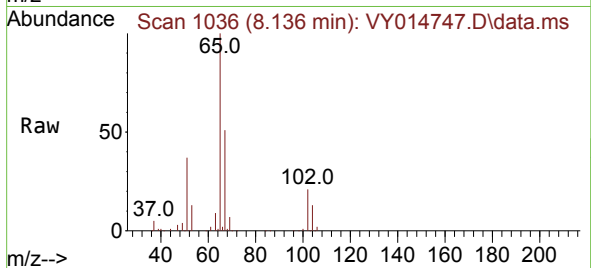
RPTP-6-GRAB-11

Tgt Ion: 65 Resp: 126835

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

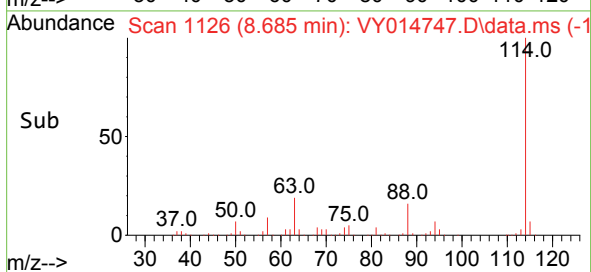
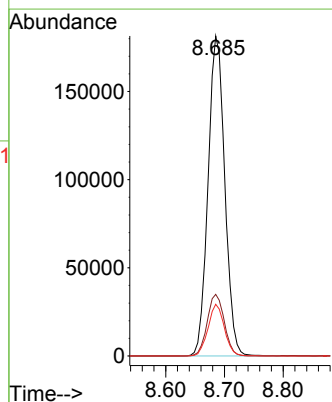
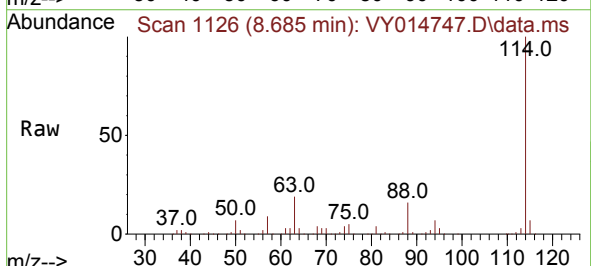
Tgt Ion: 114 Resp: 359161

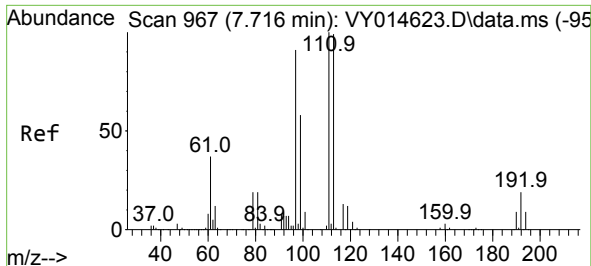
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 16.1 0.0 30.6

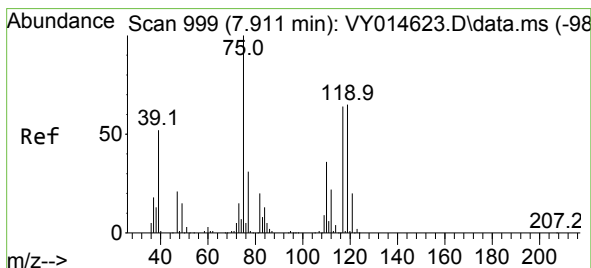
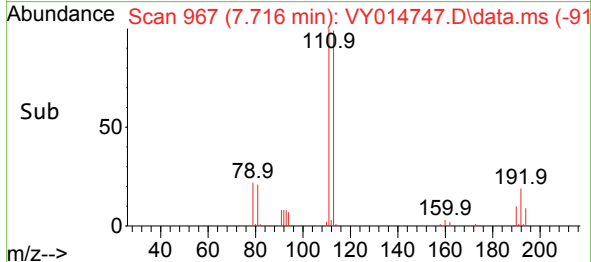
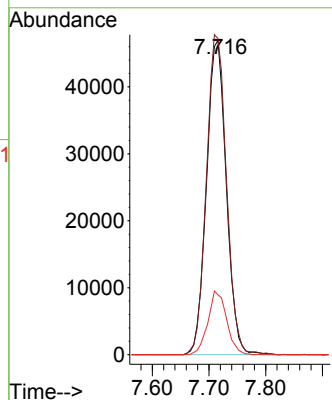
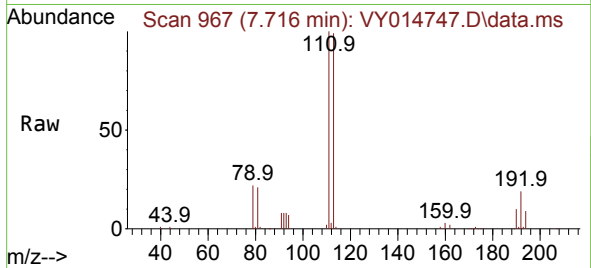




#35
Dibromofluoromethane
Concen: 49.592 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

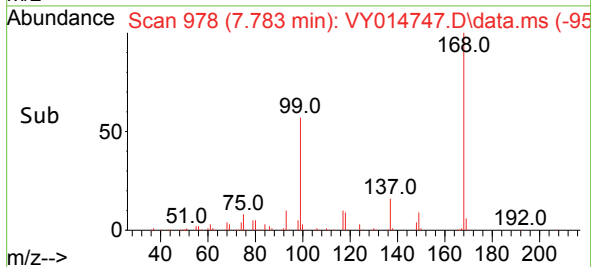
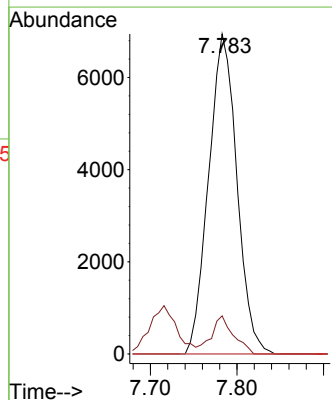
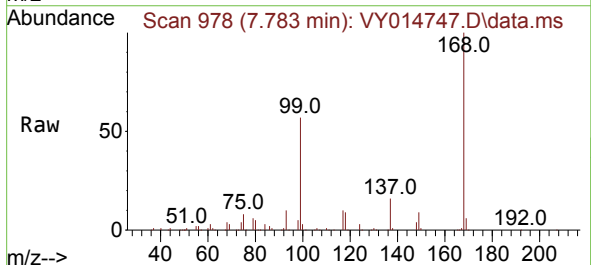
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

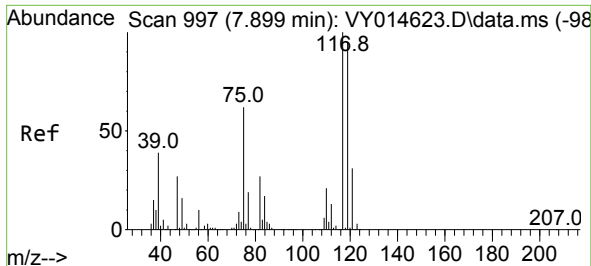
Tgt Ion:113 Resp: 113384
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.606 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion: 75 Resp: 15748
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#

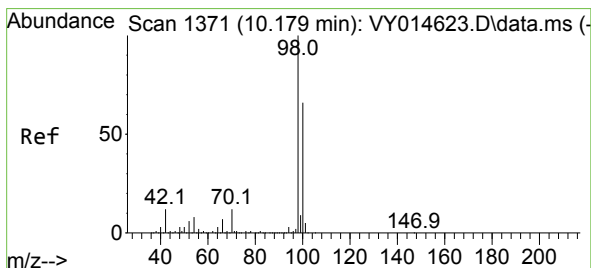
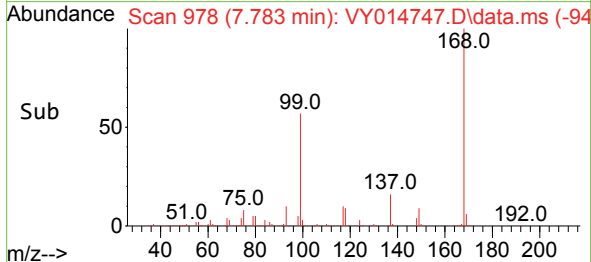
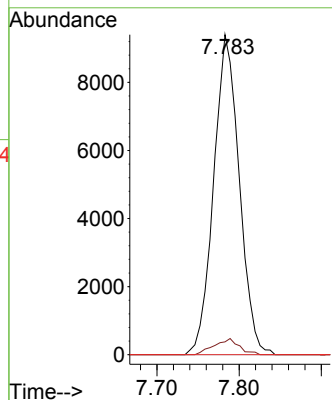
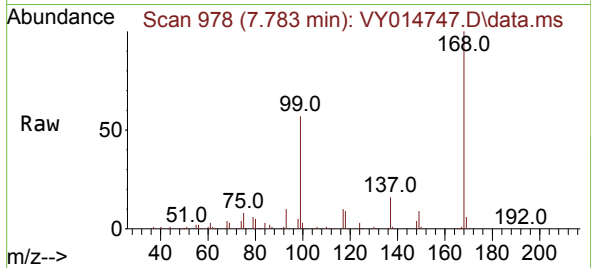




#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

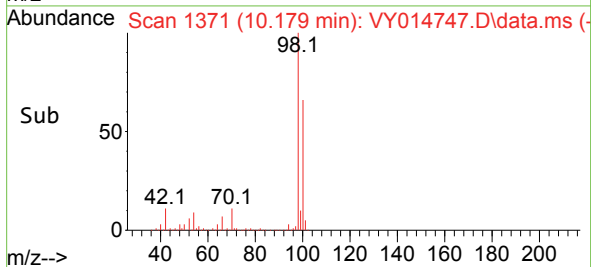
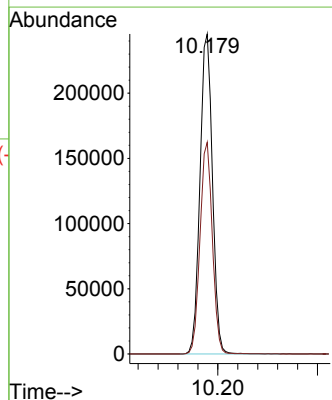
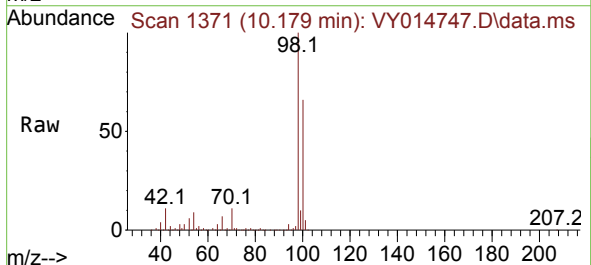
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

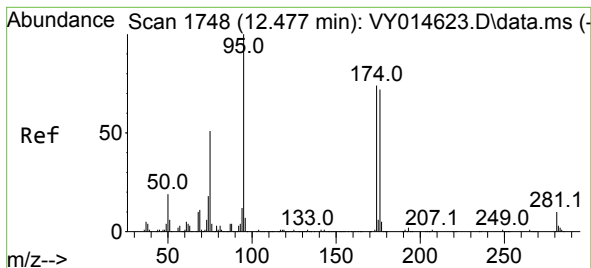
Tgt Ion:117 Resp: 20347
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion: 98 Resp: 424546
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

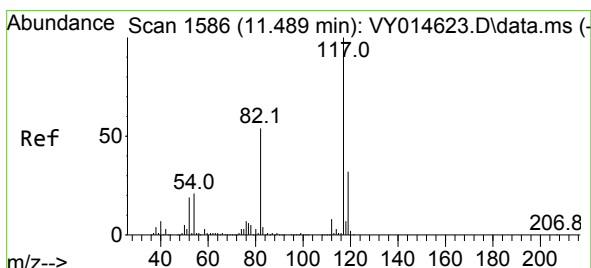
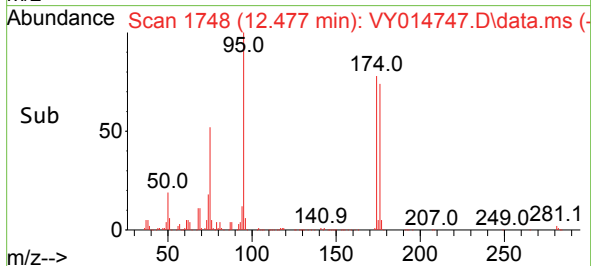
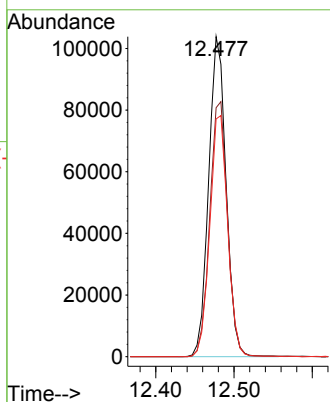
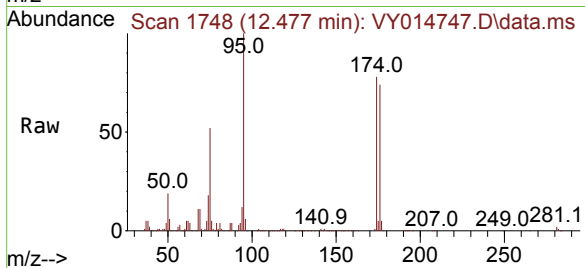




#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

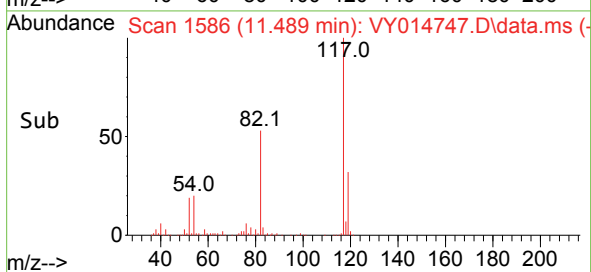
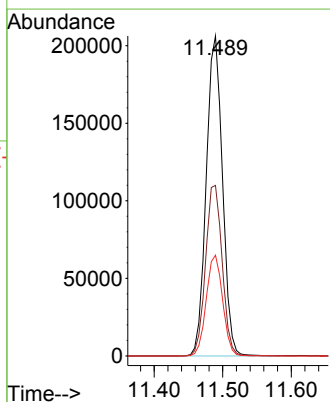
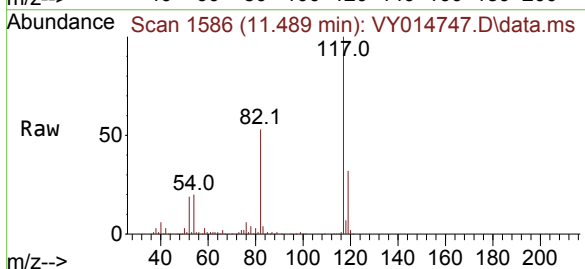
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

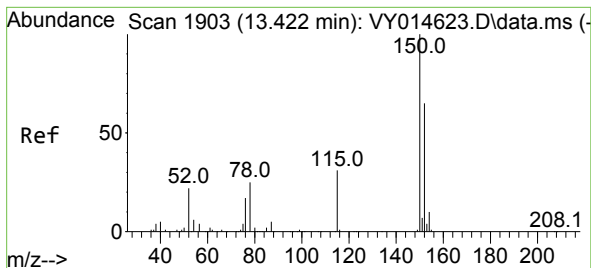
Tgt Ion: 95 Resp: 160257
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 77.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion: 117 Resp: 340396
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-6-GRAB-11

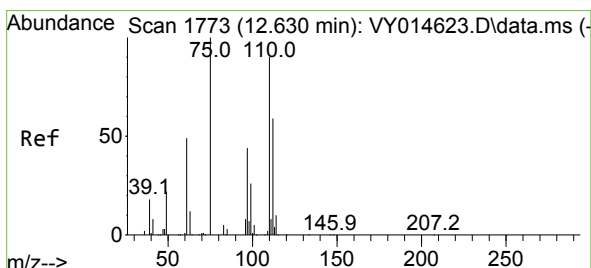
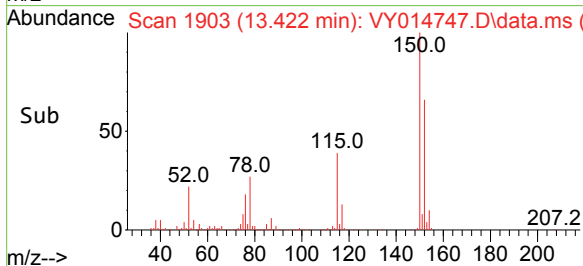
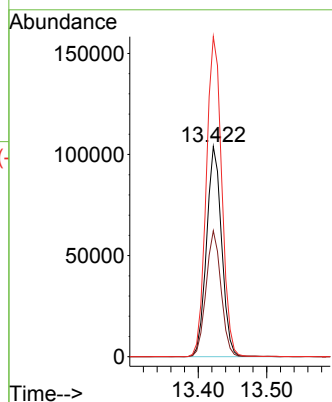
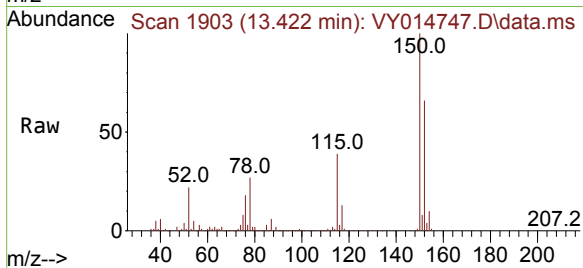
Tgt Ion:152 Resp: 159082

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 156.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.110 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014747.D

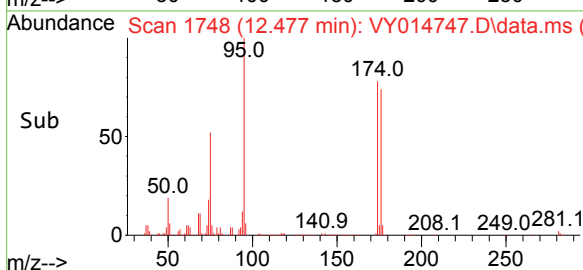
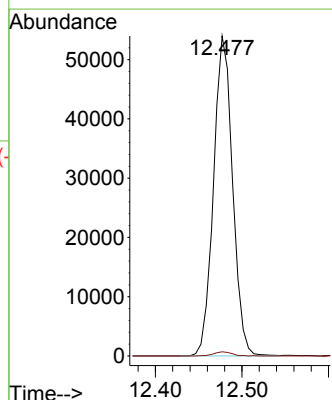
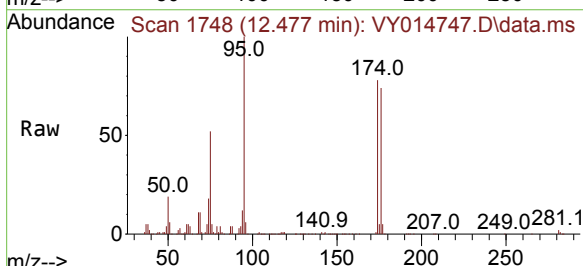
Acq: 21 Jul 2023 15:19

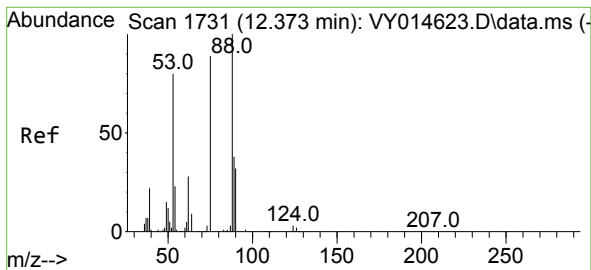
Tgt Ion: 75 Resp: 82596

Ion Ratio Lower Upper

75 100

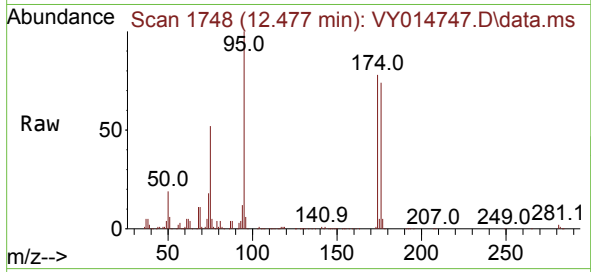
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.596 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014747.D
 Acq: 21 Jul 2023 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-6-GRAB-11



Tgt Ion: 75 Resp: 82596
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

