

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014738.D
 Acq On : 21 Jul 2023 11:47
 Operator : SY/MD
 Sample : 03681-09
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-3-GRAB-6

Quant Time: Jul 22 05:34:15 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)

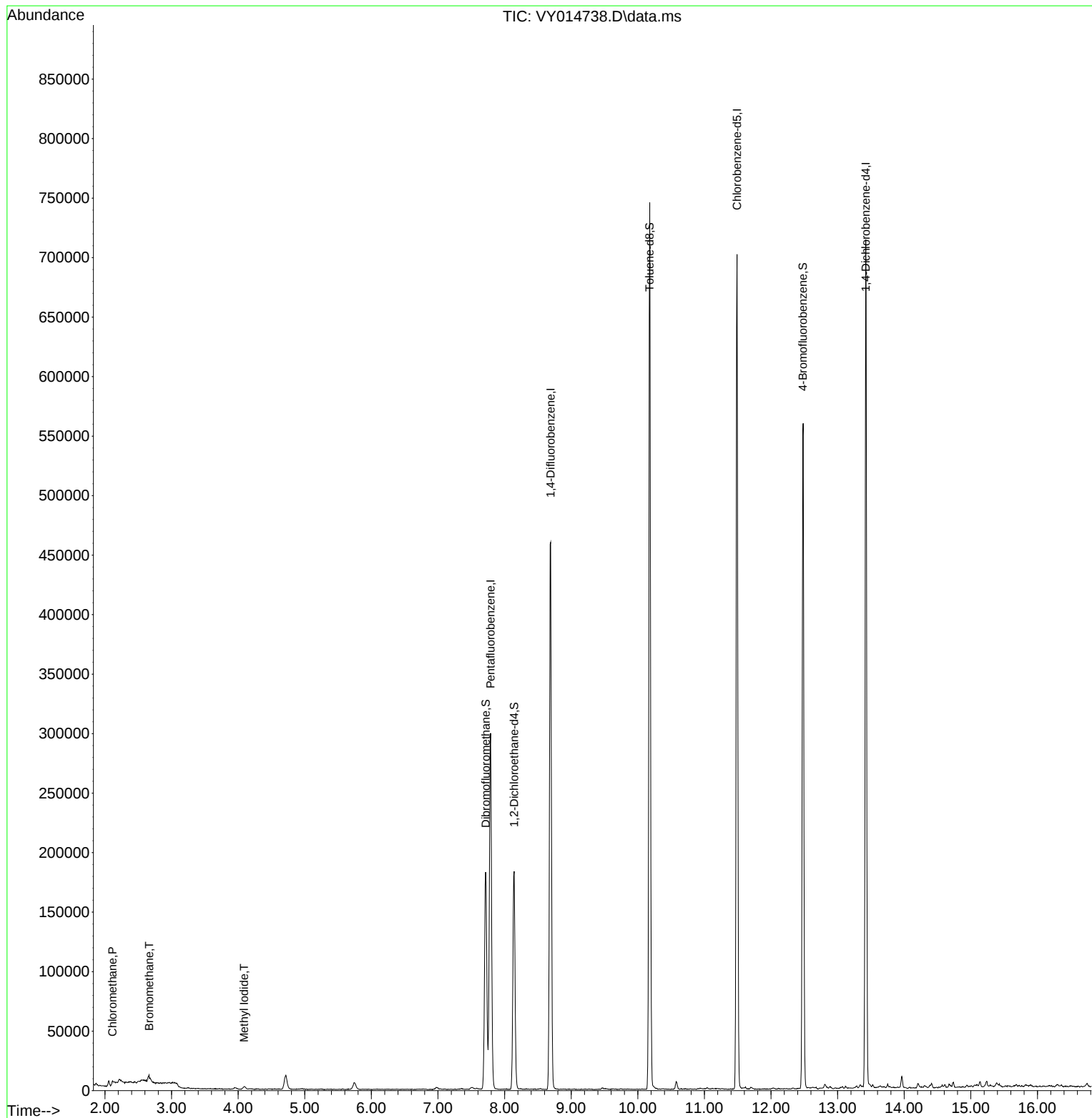
Internal Standards						
1) Pentafluorobenzene	7.789	168	236574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143929	53.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.780%			
35) Dibromofluoromethane	7.715	113	132761	51.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.660%			
50) Toluene-d8	10.178	98	480270	50.362	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.477	95	184700	50.512	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.020%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	2435	1.124	ug/l #	81
5) Bromomethane	2.662	94	3720	2.325	ug/l	99
10) Methyl Iodide	4.088	142	4067	3.836	ug/l	96

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

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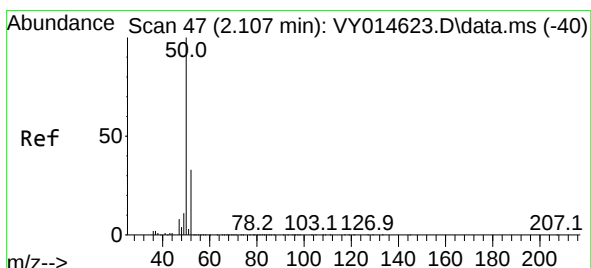
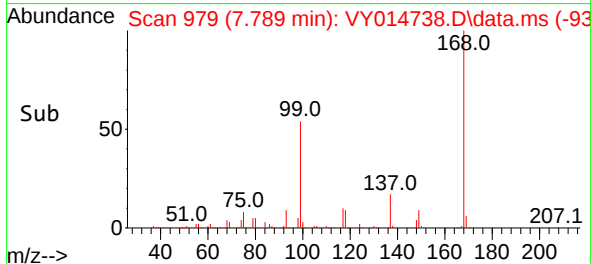
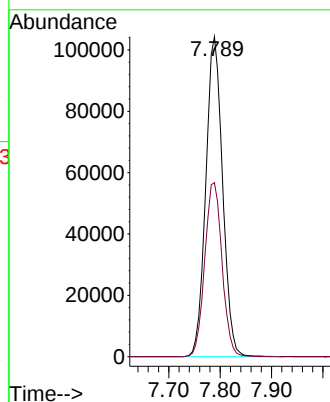
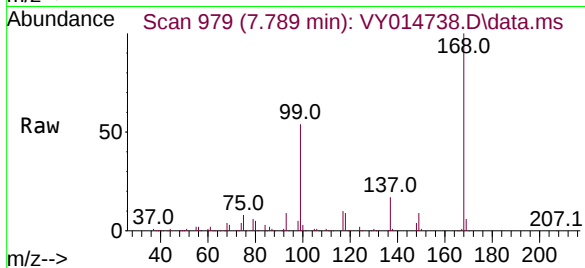




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

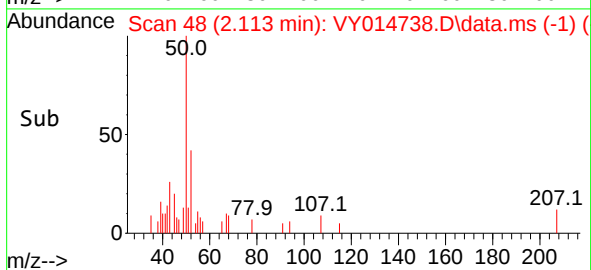
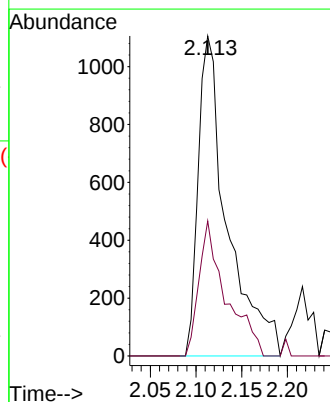
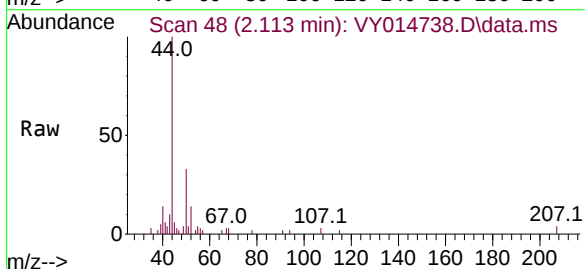
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-3-GRAB-6

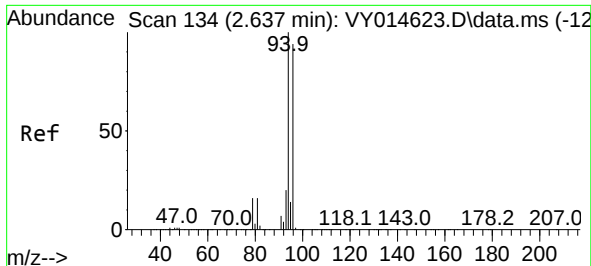
Tgt Ion:168 Resp: 236574
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#3
Chloromethane
Concen: 1.124 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

Tgt Ion: 50 Resp: 2435
Ion Ratio Lower Upper
50 100
52 42.2 25.4 38.2#

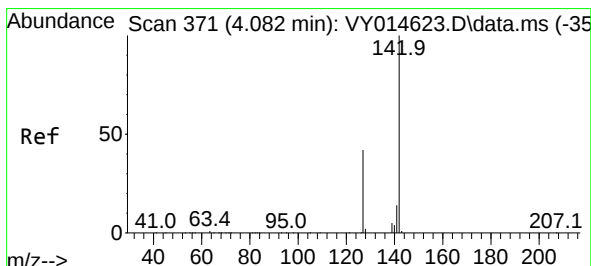
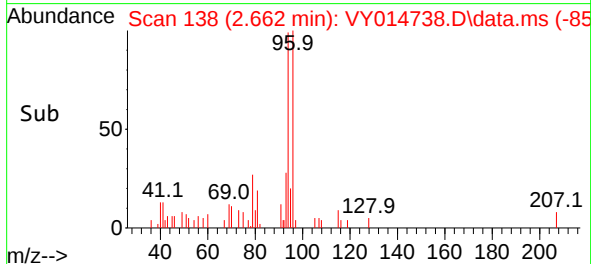
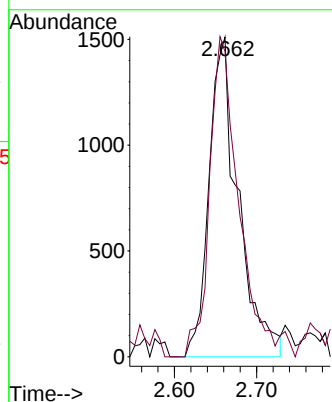
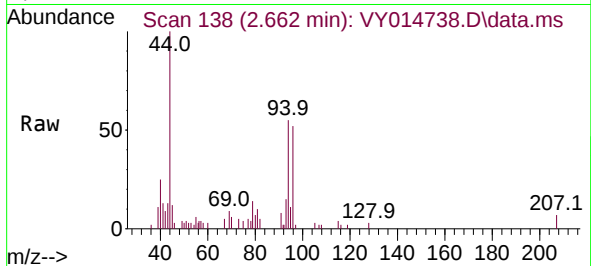




#5
Bromomethane
Concen: 2.325 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

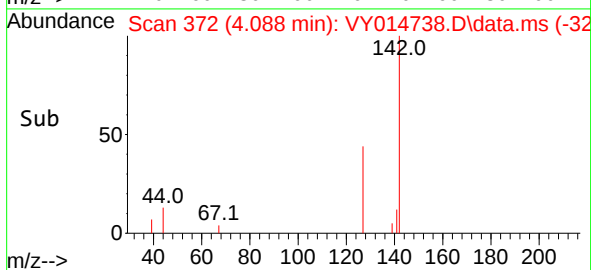
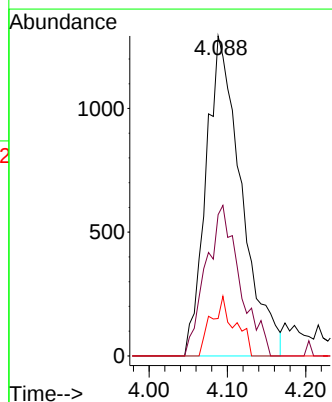
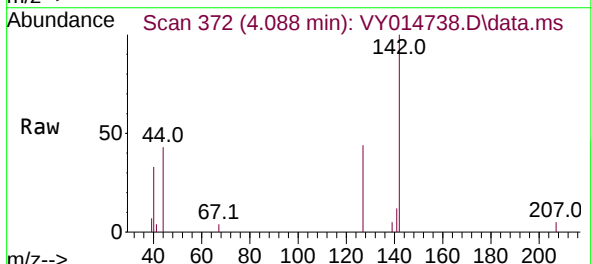
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-3-GRAB-6

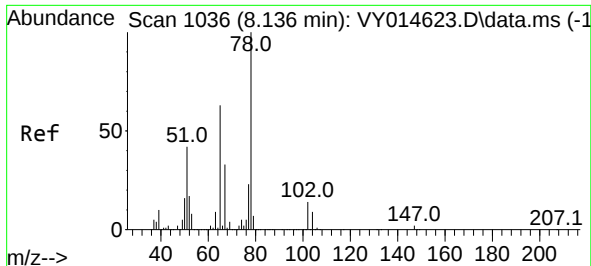
Tgt Ion: 94 Resp: 3720
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#10
Methyl Iodide
Concen: 3.836 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

Tgt Ion:142 Resp: 4067
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 12.3 11.8 17.8

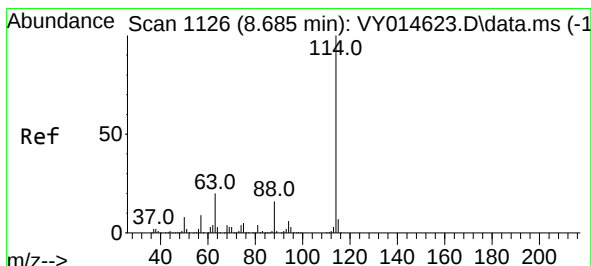
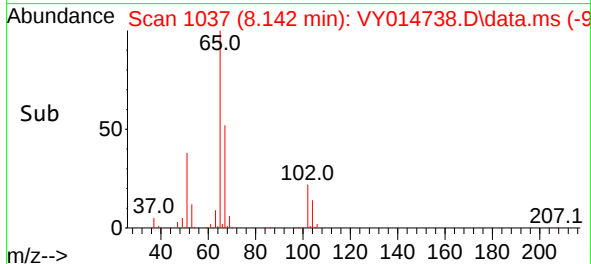
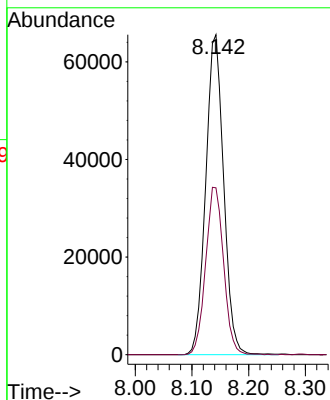
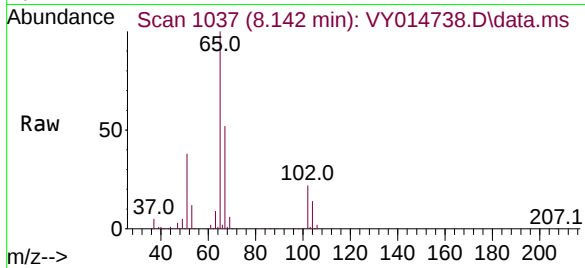




#33
1,2-Dichloroethane-d4
Concen: 53.389 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

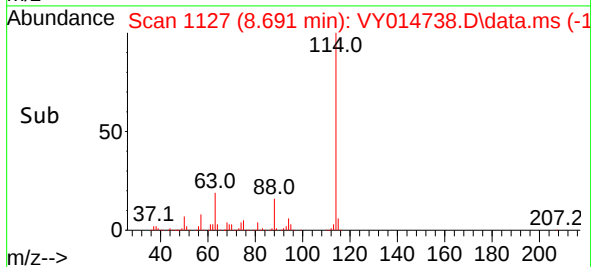
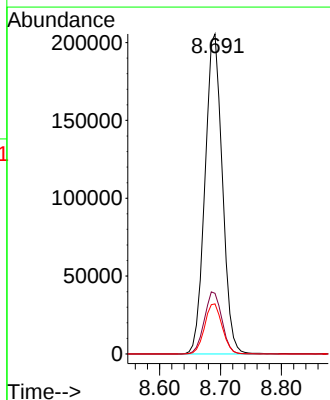
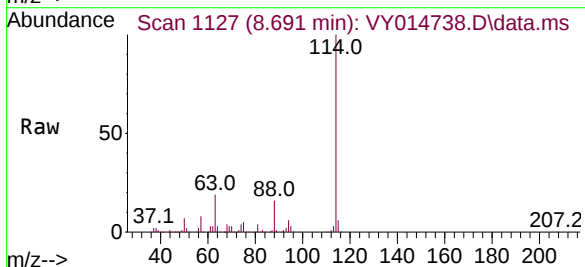
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-3-GRAB-6

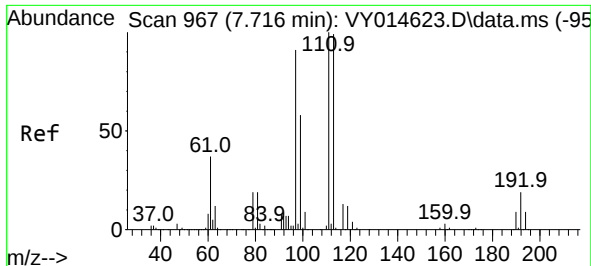
Tgt Ion: 65 Resp: 143929
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

Tgt Ion:114 Resp: 406332
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.6 0.0 30.6

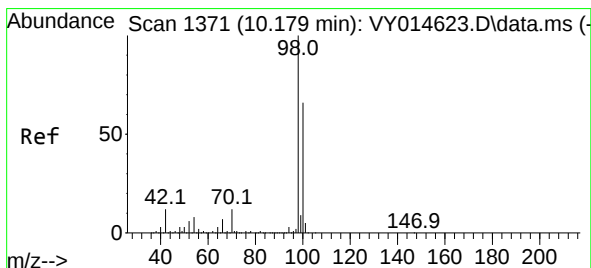
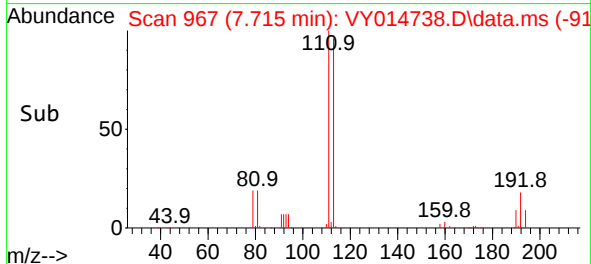
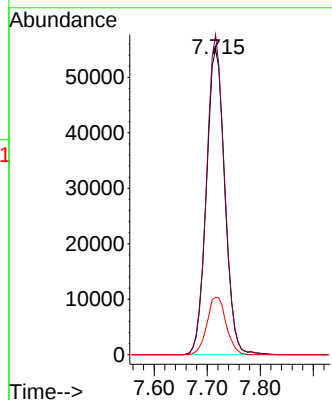
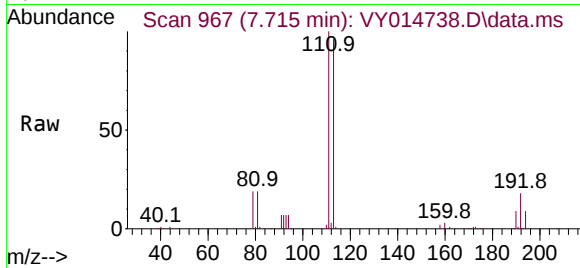




#35
Dibromofluoromethane
Concen: 51.326 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

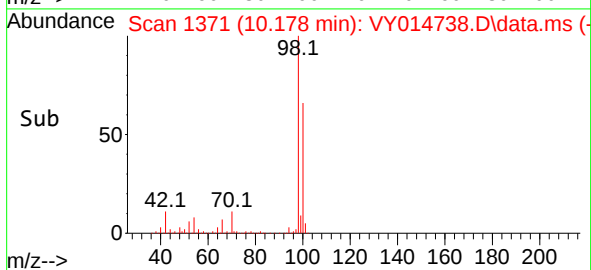
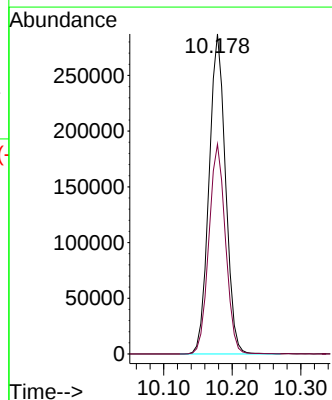
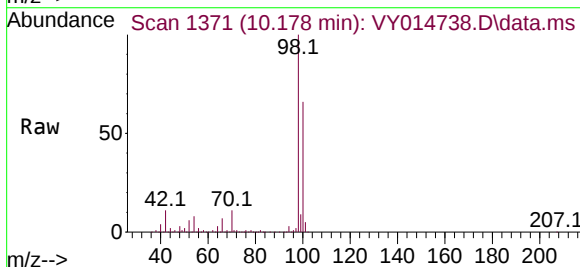
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ClientSampleId :
RPTP-3-GRAB-6

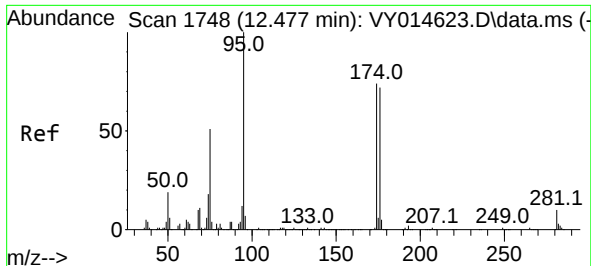
Tgt Ion:113 Resp: 132761
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.362 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

Tgt Ion: 98 Resp: 480270
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

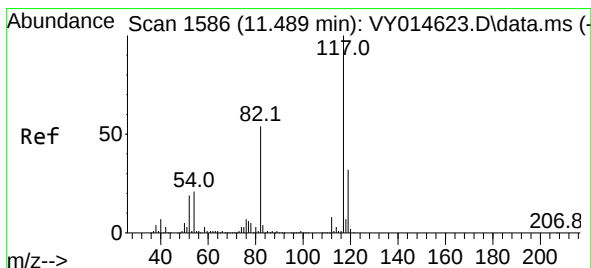
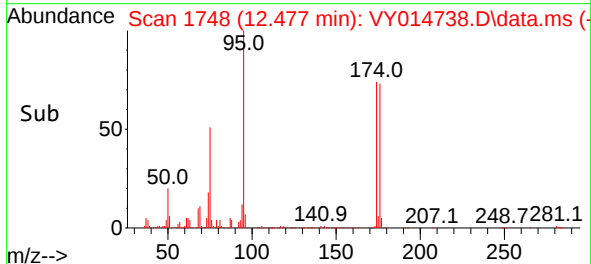
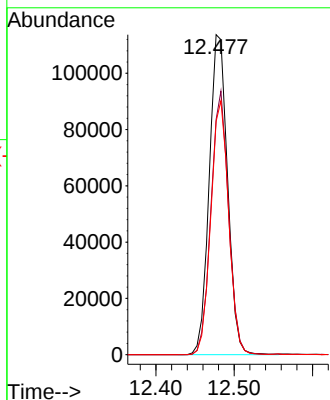
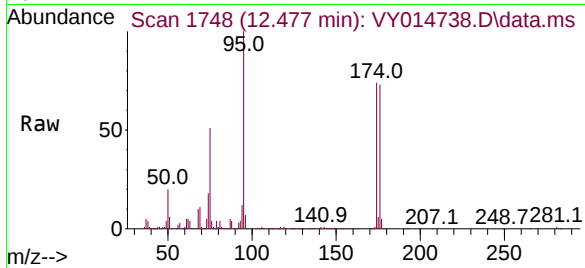




#62
4-Bromofluorobenzene
Concen: 50.512 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

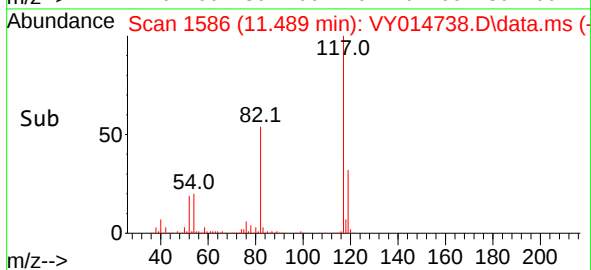
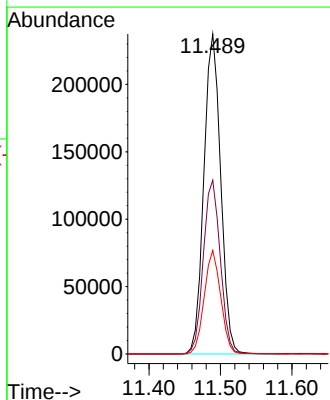
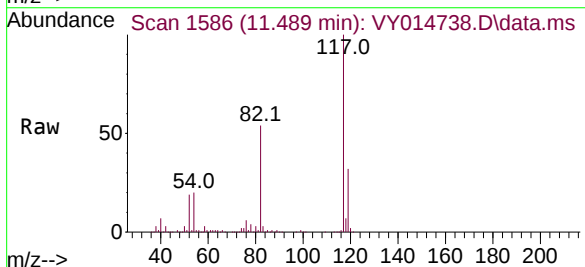
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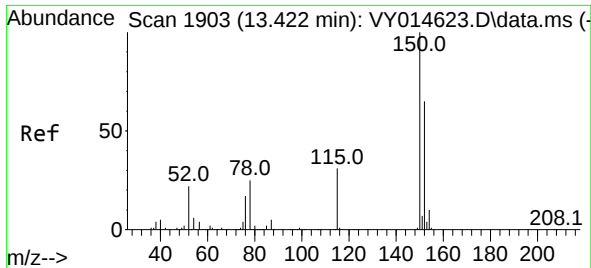
Tgt Ion: 95 Resp: 184700
Ion Ratio Lower Upper
95 100
174 78.9 0.0 178.2
176 77.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014738.D
Acq: 21 Jul 2023 11:47

Tgt Ion: 117 Resp: 387572
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.4 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: VY014738.D

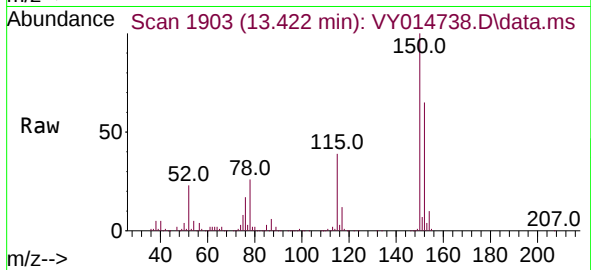
Acq: 21 Jul 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-3-GRAB-6



Tgt Ion:152 Resp: 180382

Ion Ratio Lower Upper

152 100

115 60.2 28.8 86.5

150 158.1 0.0 348.8

