

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014744.D
 Acq On : 21 Jul 2023 14:08
 Operator : SY/MD
 Sample : 03681-12
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-4-GRAB-8

Quant Time: Jul 22 05:36:39 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)

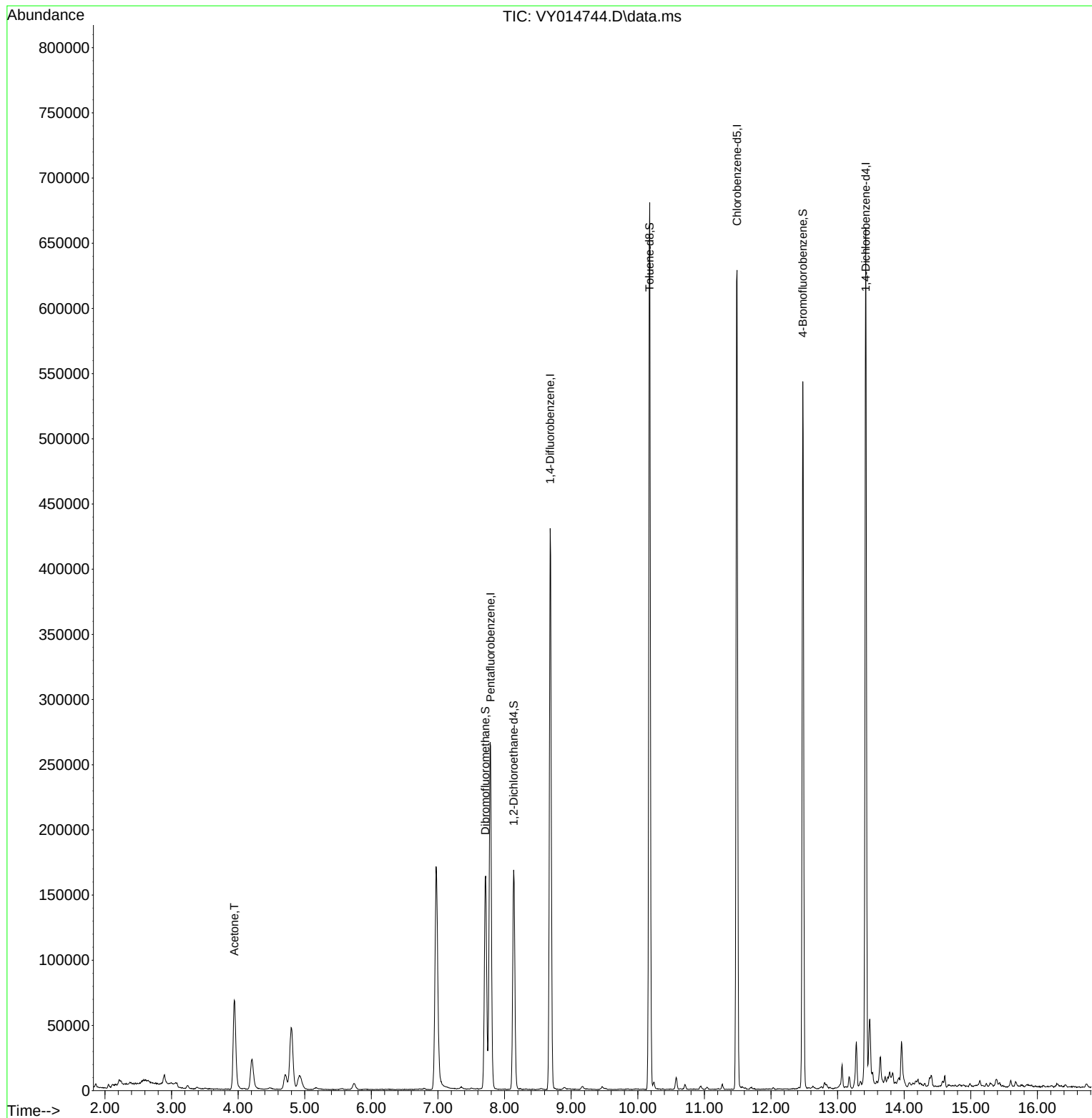
Internal Standards						
1) Pentafluorobenzene	7.789	168	214660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	132066	53.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.980%	
35) Dibromofluoromethane	7.710	113	117861	50.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.179	98	440168	50.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.477	95	166138	49.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.900%	
Target Compounds						Qvalue
16) Acetone	3.942	43	122899	158.549	ug/l	94

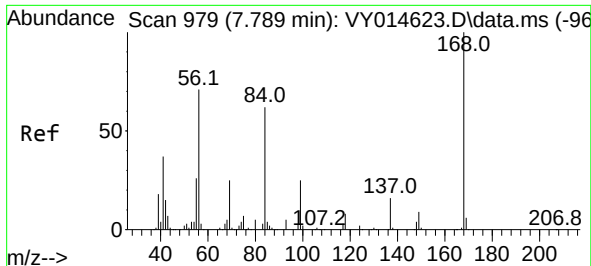
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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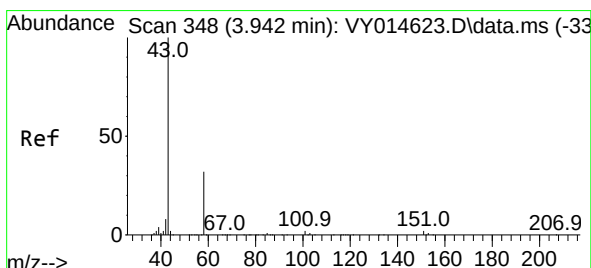
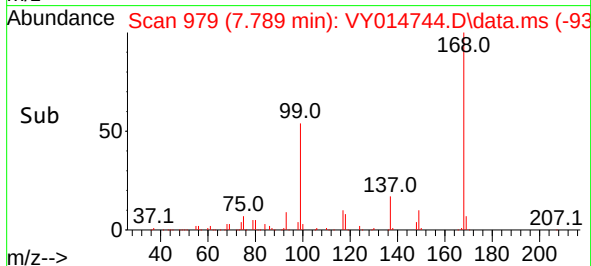
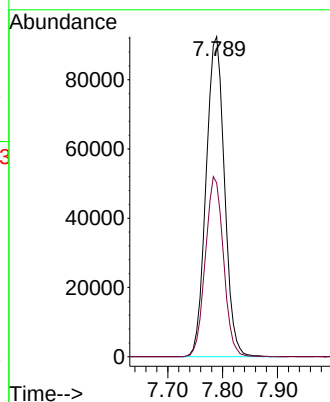
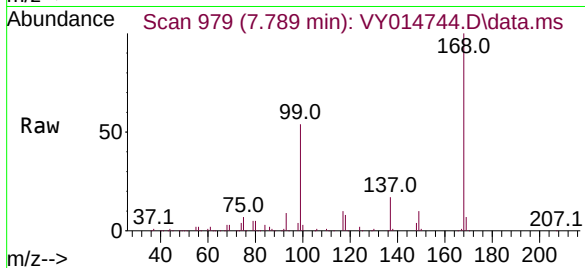




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

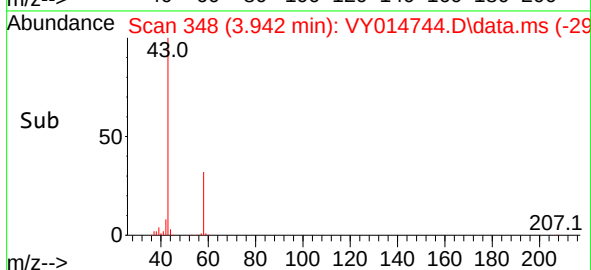
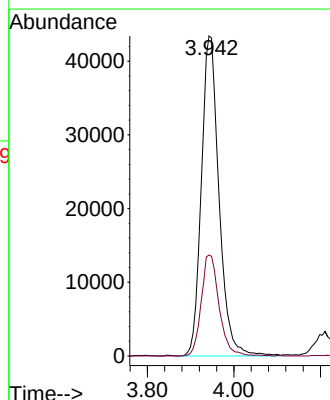
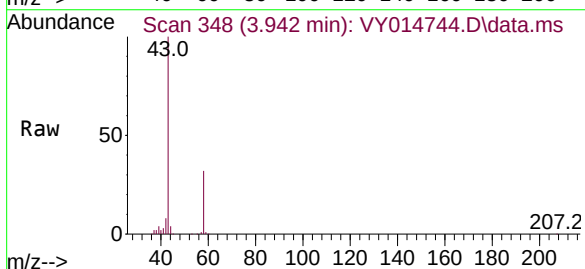
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-4-GRAB-8

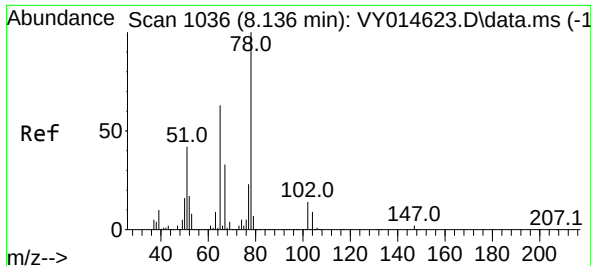
Tgt Ion:168 Resp: 214660
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 158.549 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

Tgt Ion: 43 Resp: 122899
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1

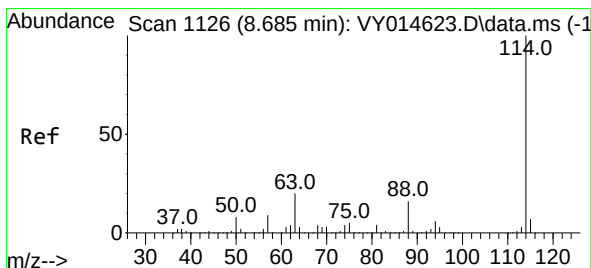
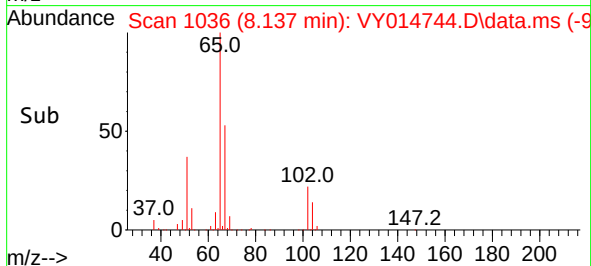
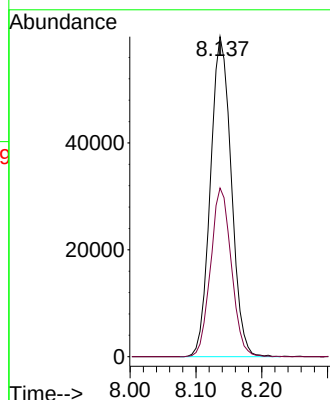
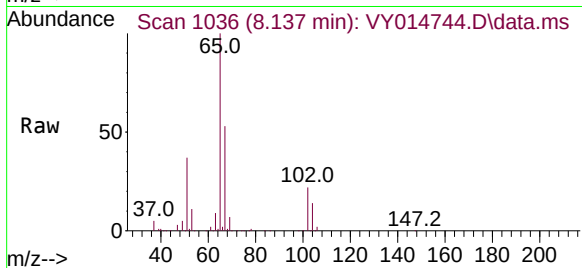




#33
 1,2-Dichloroethane-d4
 Concen: 53.990 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014744.D
 Acq: 21 Jul 2023 14:08

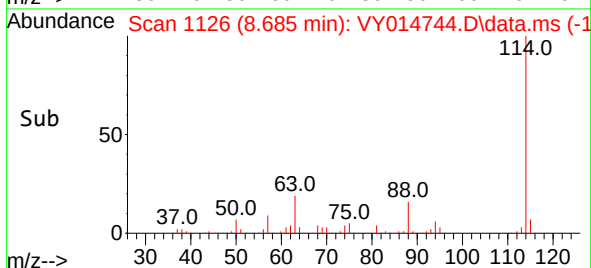
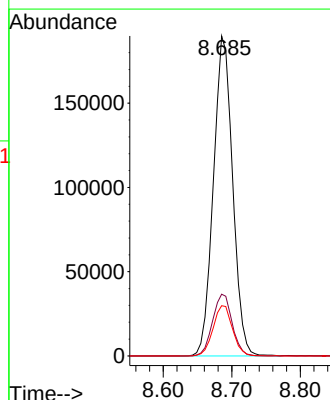
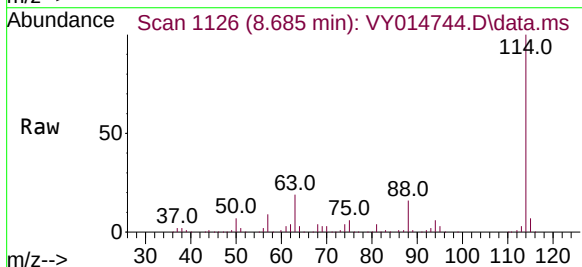
Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-4-GRAB-8

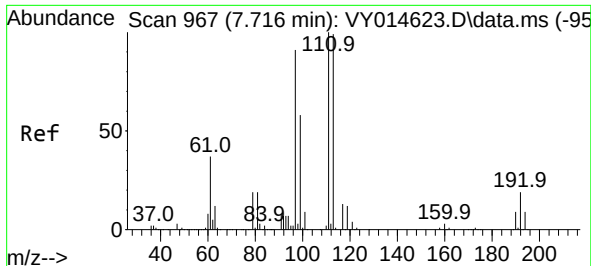
Tgt Ion: 65 Resp: 132066
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014744.D
 Acq: 21 Jul 2023 14:08

Tgt Ion: 114 Resp: 369620
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.7 0.0 30.6

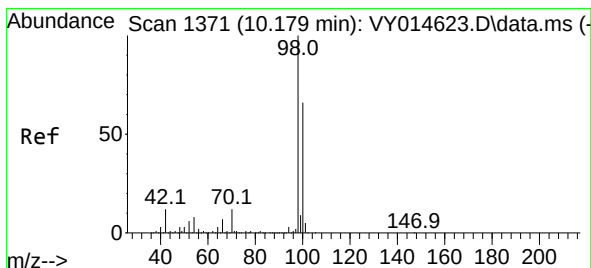
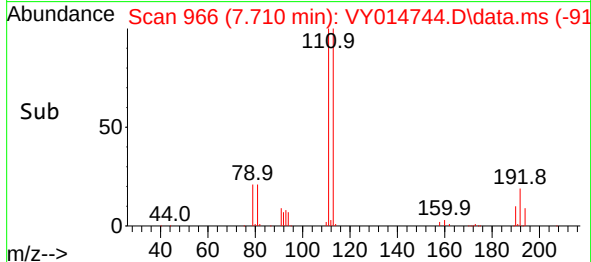
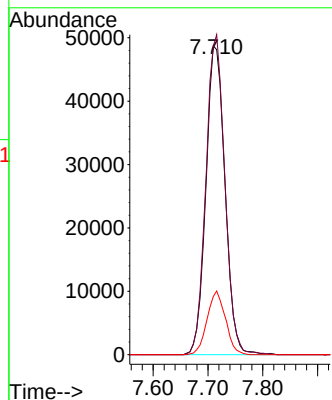
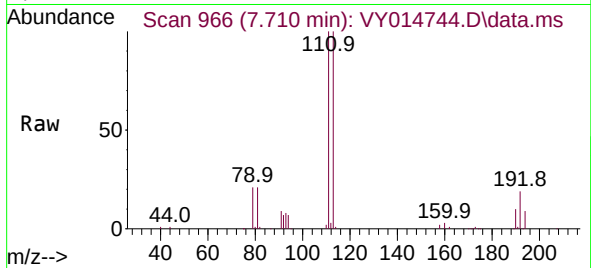




#35
Dibromofluoromethane
Concen: 50.092 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

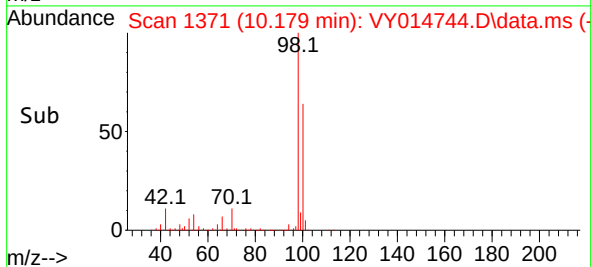
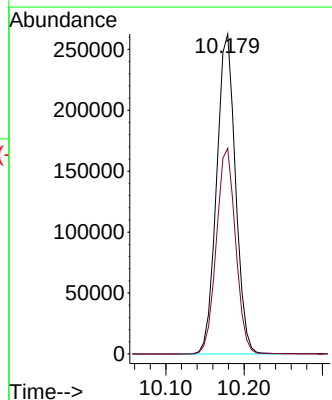
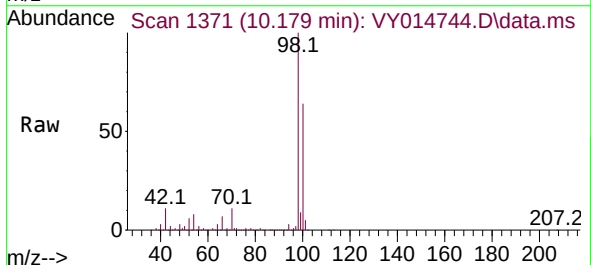
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-4-GRAB-8

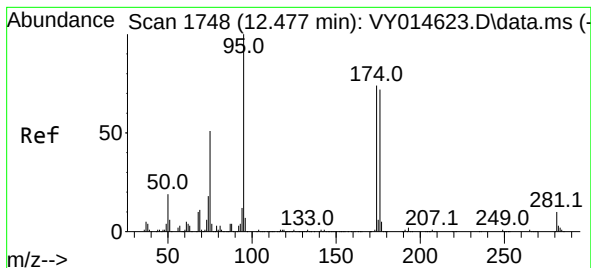
Tgt Ion:113 Resp: 117861
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 50.742 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

Tgt Ion: 98 Resp: 440168
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

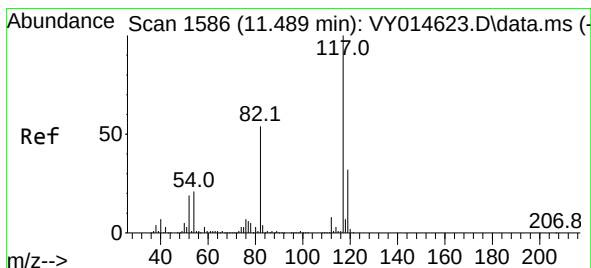
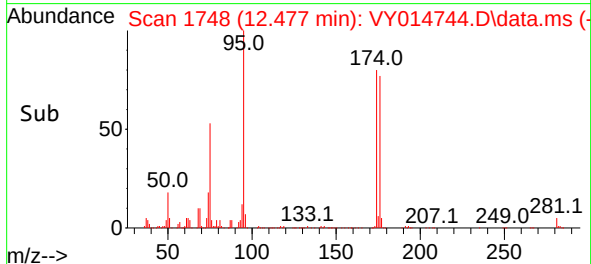
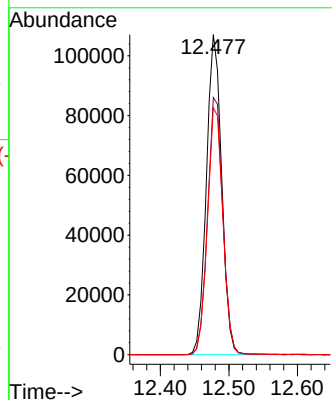
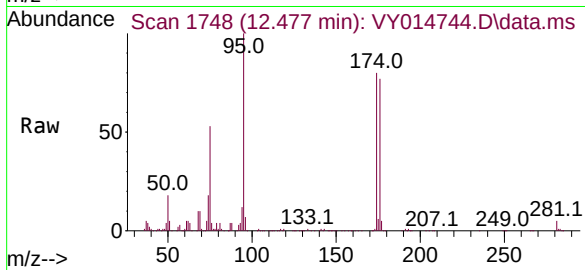




#62
4-Bromofluorobenzene
Concen: 49.948 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

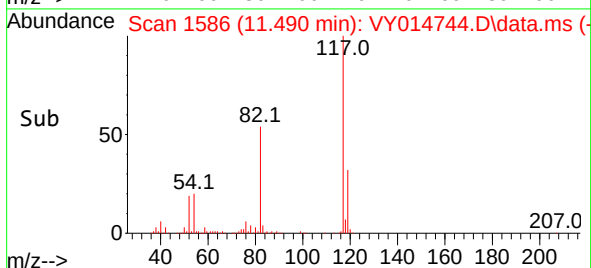
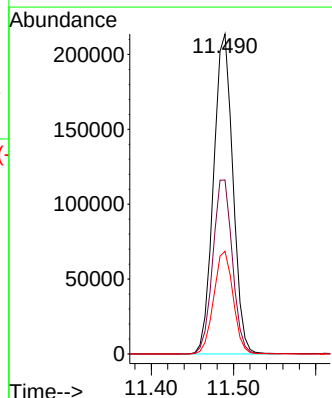
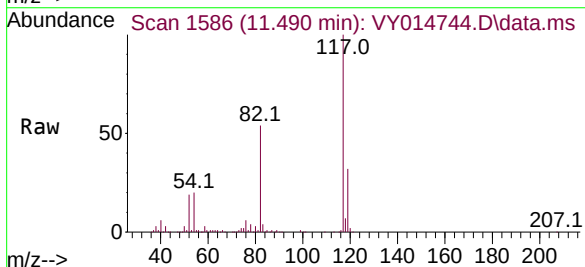
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RPTP-4-GRAB-8

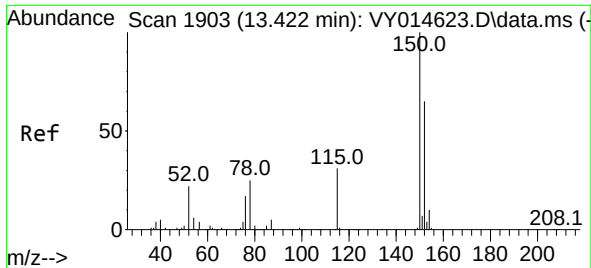
Tgt Ion: 95 Resp: 166138
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 78.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014744.D
Acq: 21 Jul 2023 14:08

Tgt Ion: 117 Resp: 349811
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.1 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: VY014744.D
 Acq: 21 Jul 2023 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-4-GRAB-8

Tgt Ion:152 Resp: 163461
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.5
 150 161.5 0.0 348.8

