

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014748.D
 Acq On : 21 Jul 2023 15:43
 Operator : SY/MD
 Sample : 03681-18
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-6-GRAB-12

Quant Time: Jul 22 05:38:08 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)

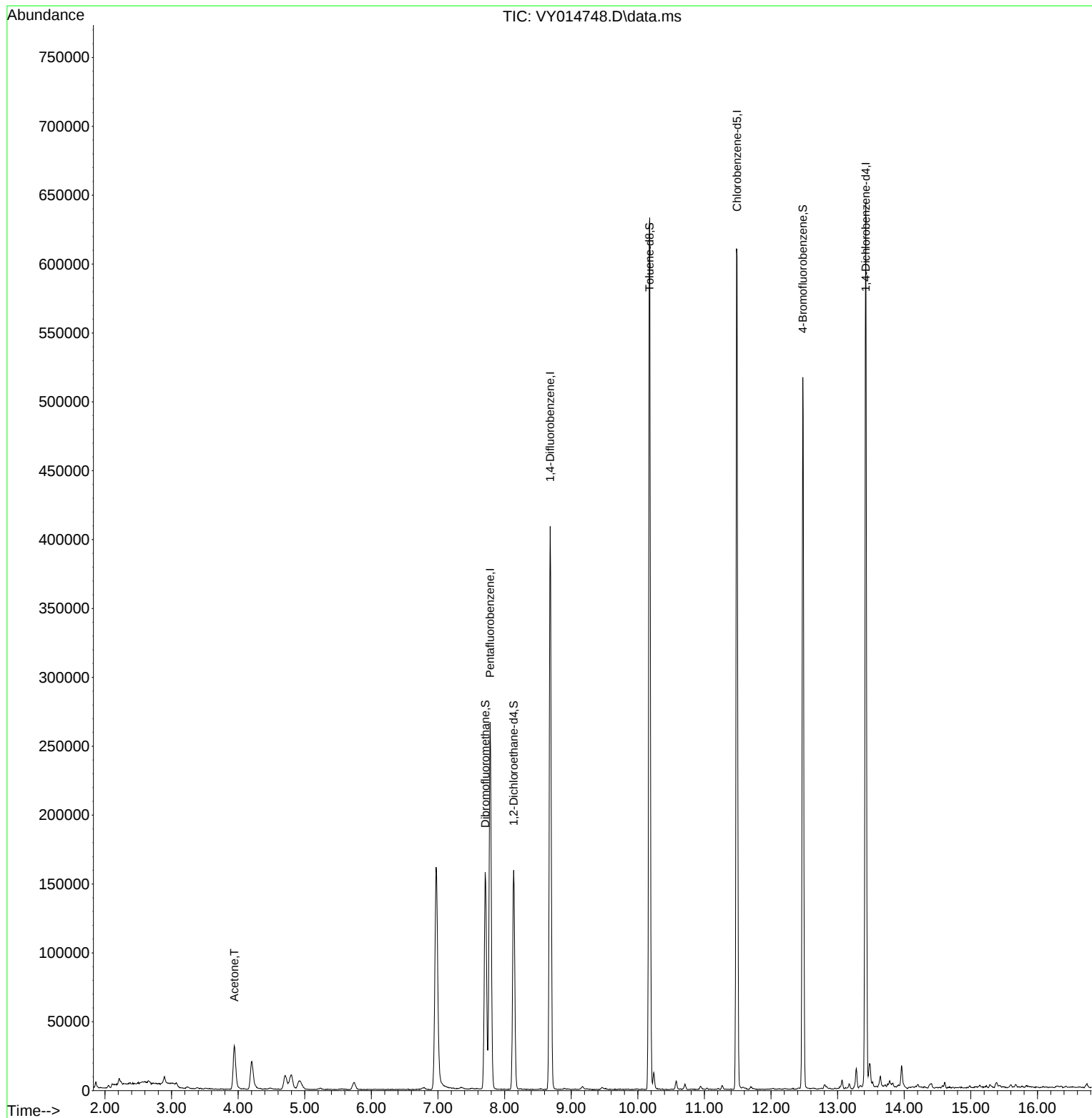
Internal Standards						
1) Pentafluorobenzene	7.783	168	208626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125409	52.751	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.500%	
35) Dibromofluoromethane	7.710	113	113437	49.681	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.360%	
50) Toluene-d8	10.179	98	423850	50.350	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	100.700%	
62) 4-Bromofluorobenzene	12.477	95	159882	49.532	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	99.060%	
Target Compounds						
16) Acetone	3.942	43	55083	73.116	ug/l	Qvalue 91

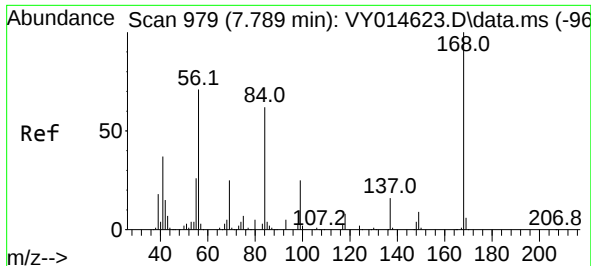
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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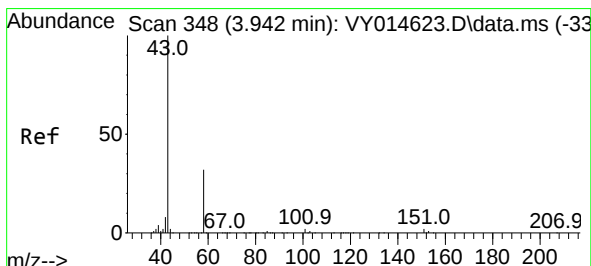
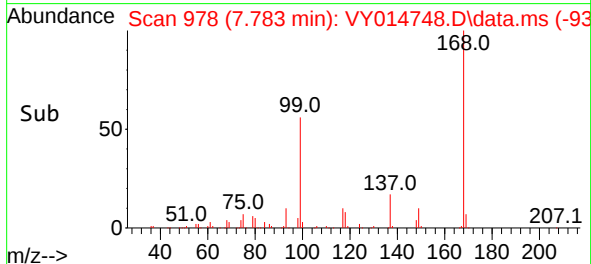
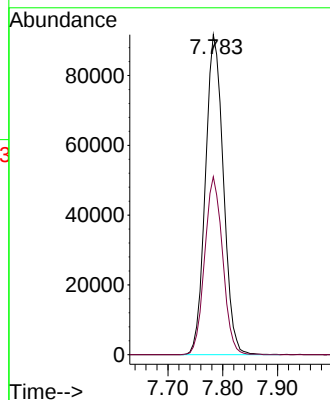
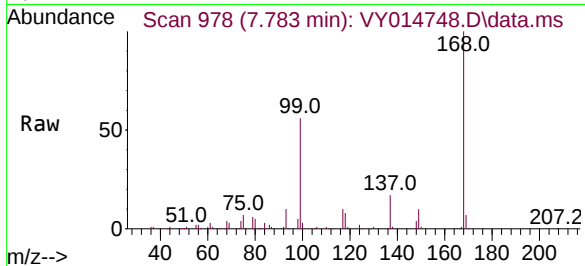




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

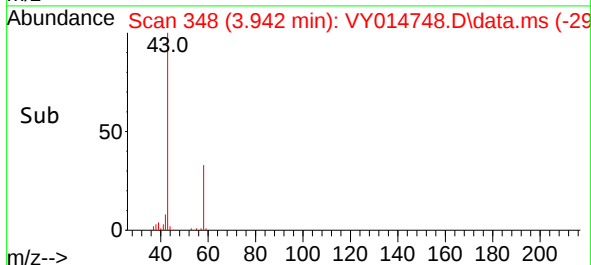
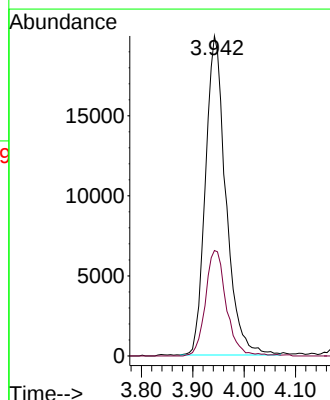
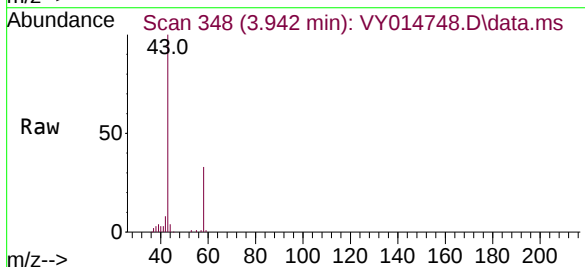
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-12

Tgt Ion:168 Resp: 208626
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#16
Acetone
Concen: 73.116 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

Tgt Ion: 43 Resp: 55083
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.751 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014748.D

Acq: 21 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

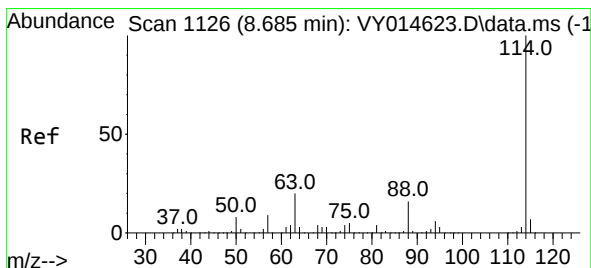
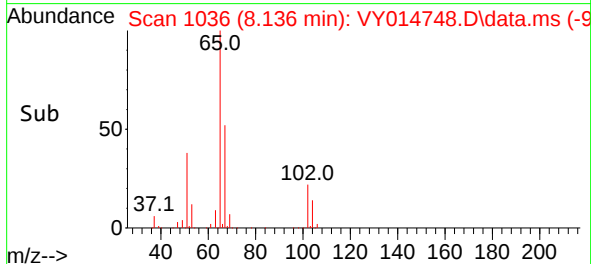
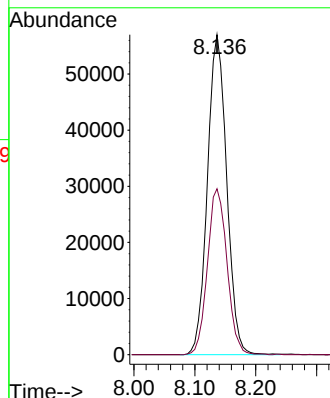
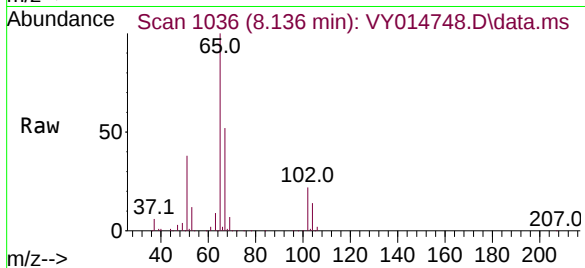
RPTP-6-GRAB-12

Tgt Ion: 65 Resp: 125409

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: VY014748.D

Acq: 21 Jul 2023 15:43

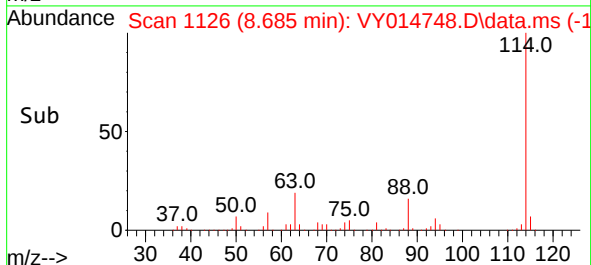
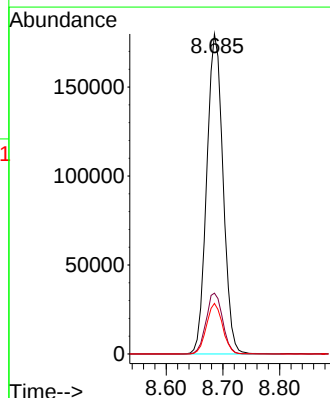
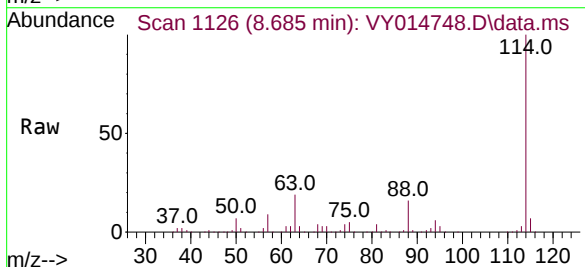
Tgt Ion: 114 Resp: 358689

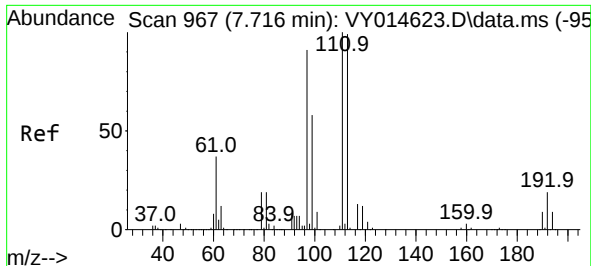
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.8 0.0 30.6

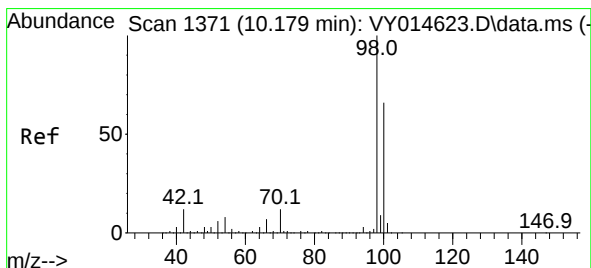
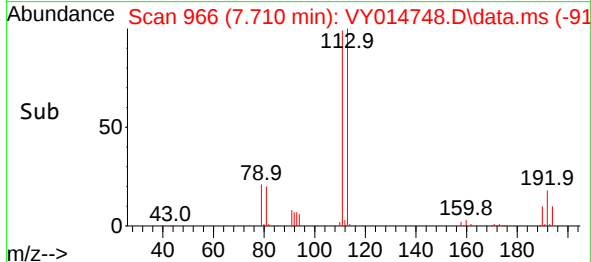
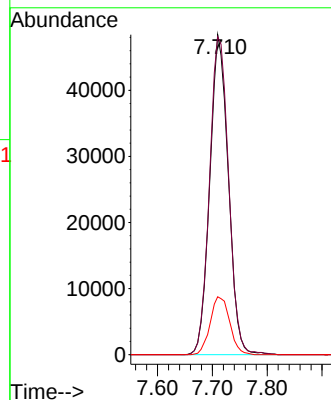
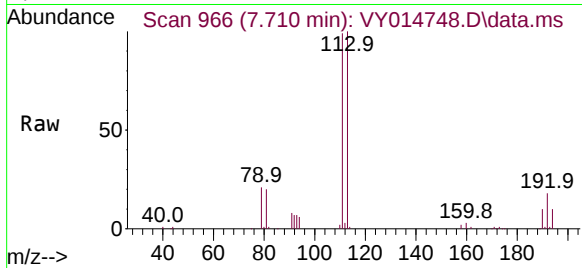




#35
Dibromofluoromethane
Concen: 49.681 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

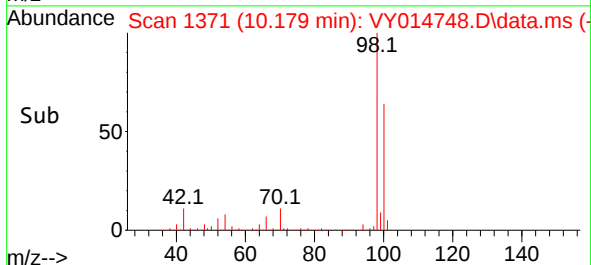
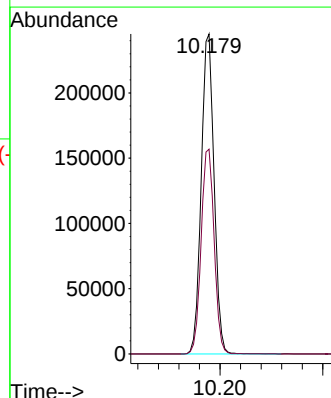
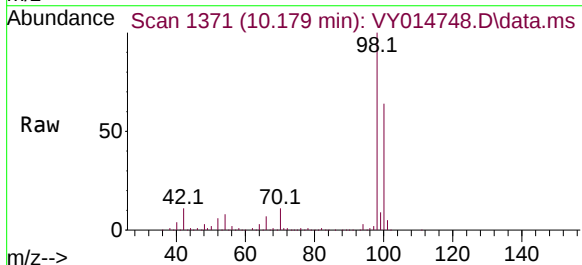
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-12

Tgt Ion:113 Resp: 113437
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.350 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

Tgt Ion: 98 Resp: 423850
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

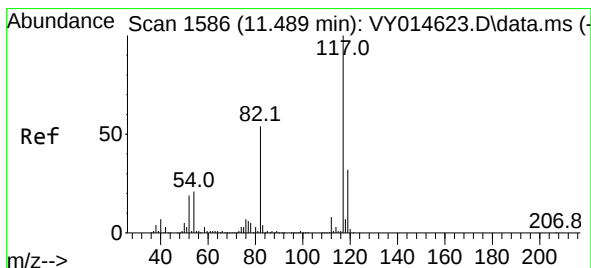
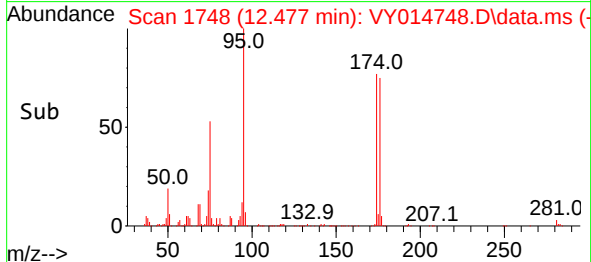
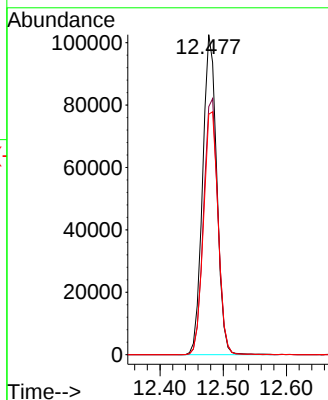
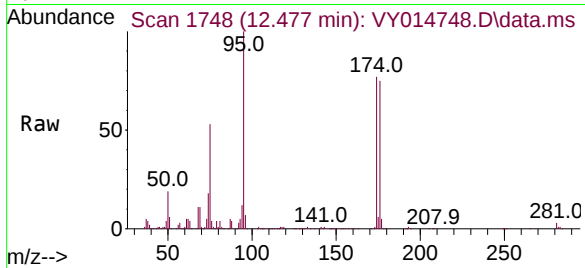




#62
4-Bromofluorobenzene
Concen: 49.532 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

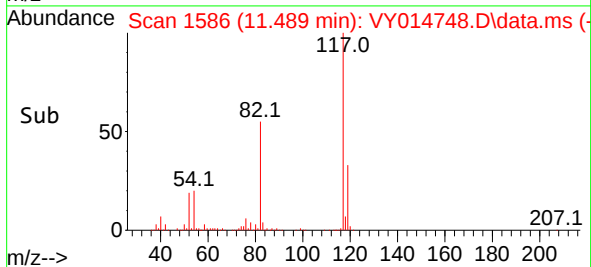
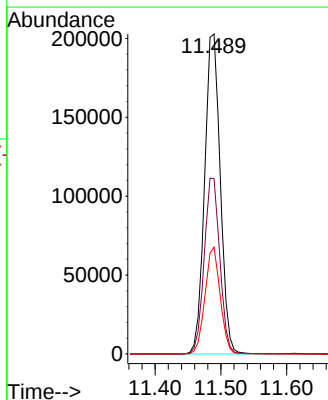
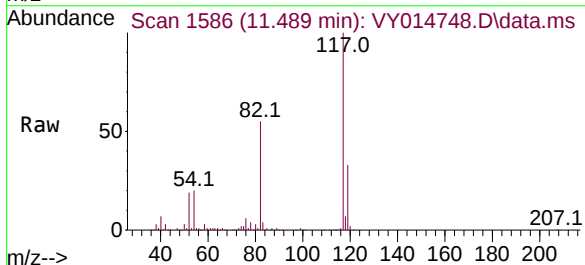
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-12

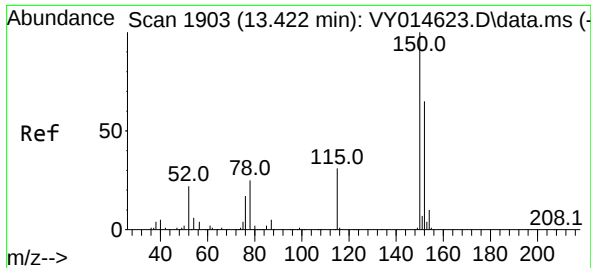
Tgt Ion: 95 Resp: 159882
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014748.D
Acq: 21 Jul 2023 15:43

Tgt Ion: 117 Resp: 336264
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 33.4 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: VY014748.D

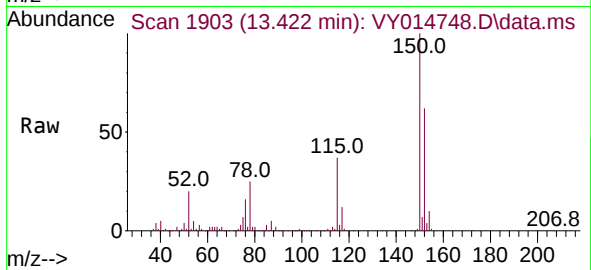
Acq: 21 Jul 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-6-GRAB-12



Tgt Ion:152 Resp: 163944

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.3 0.0 348.8

