

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014745.D
 Acq On : 21 Jul 2023 14:32
 Operator : SY/MD
 Sample : 03681-14
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-5-GRAB-9

Quant Time: Jul 22 05:37:03 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)

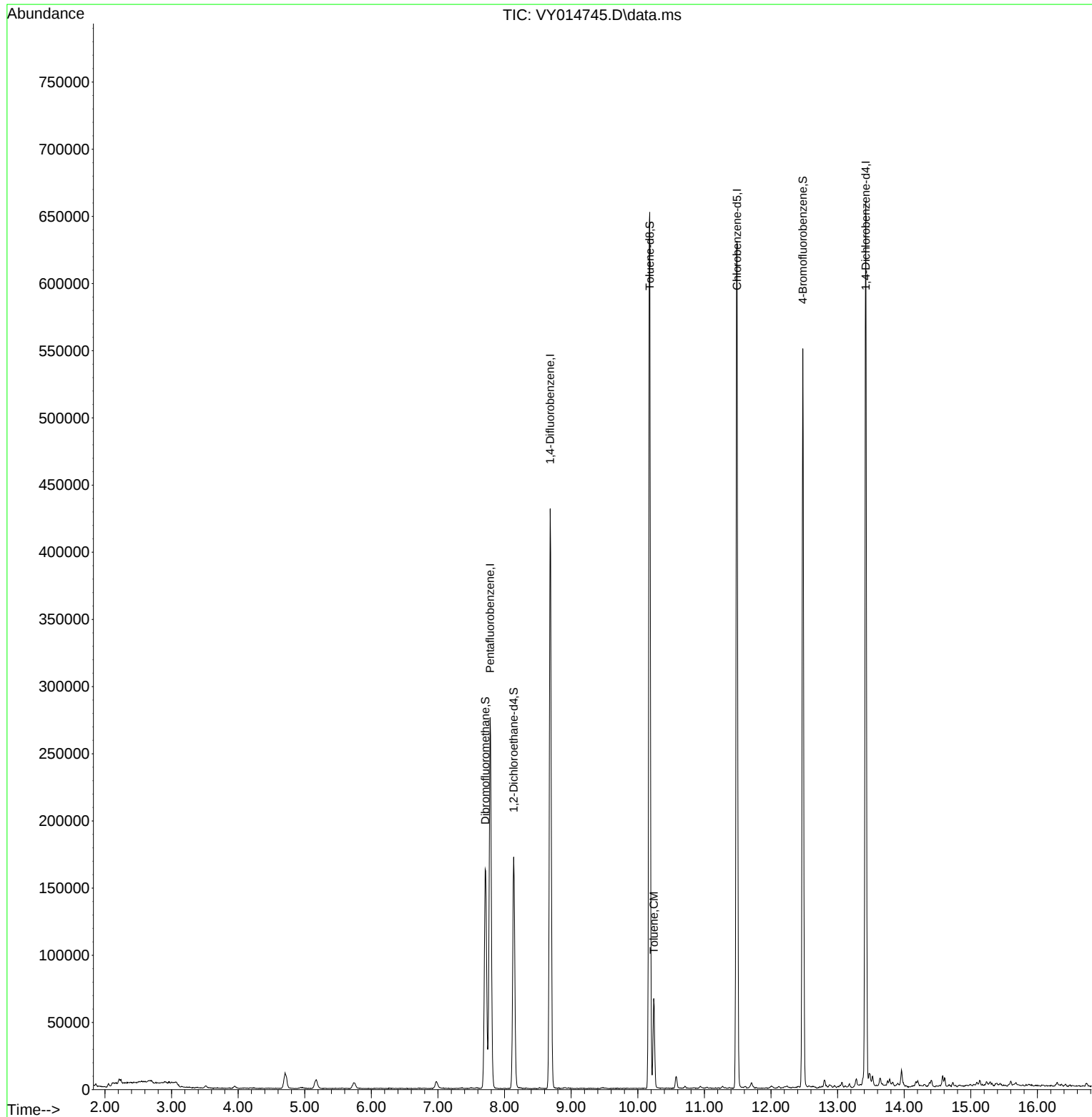
Internal Standards						
1) Pentafluorobenzene	7.783	168	211809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	350721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133125	55.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.710	113	118689	50.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.179	98	434668	50.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.477	95	164959	49.565	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.120%
Target Compounds						
52) Toluene	10.240	92	27097	4.229	ug/l	Qvalue 96

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

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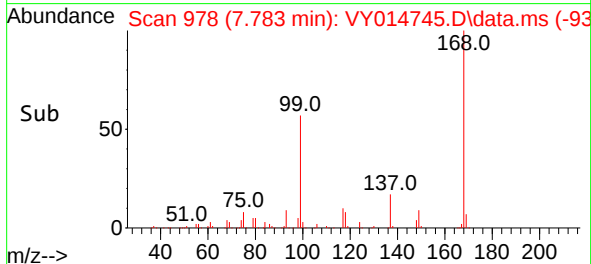
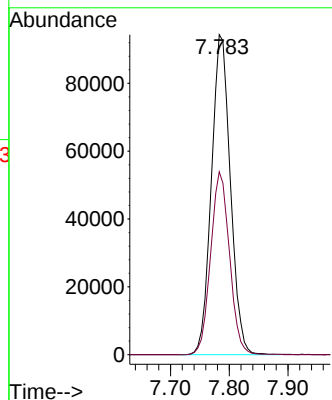
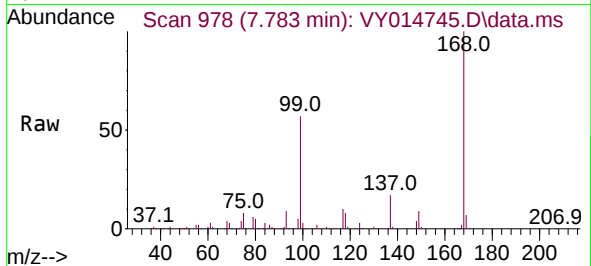




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

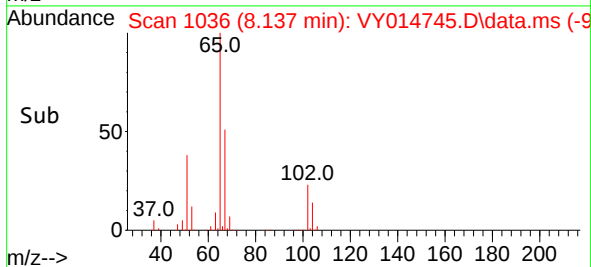
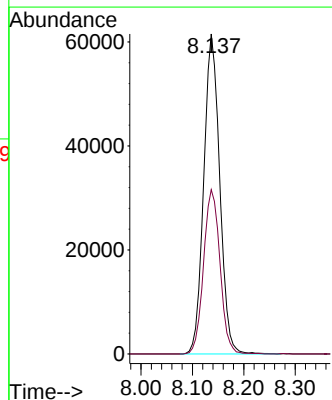
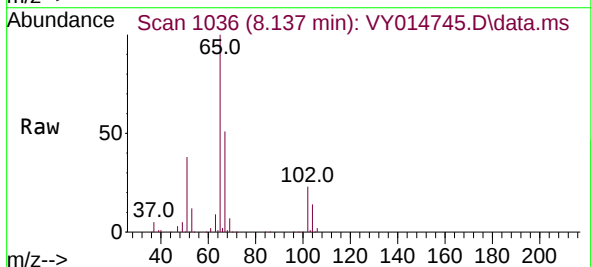
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

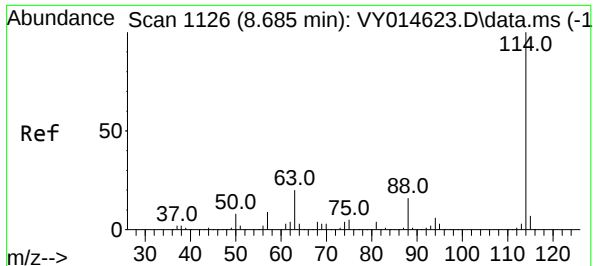
Tgt Ion:168 Resp: 211809
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.155 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 65 Resp: 133125
Ion Ratio Lower Upper
65 100
67 52.7 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: VY014745.D

Acq: 21 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-5-GRAB-9

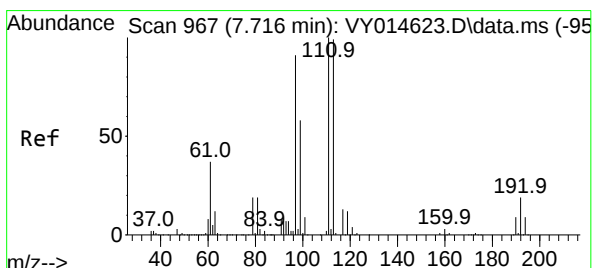
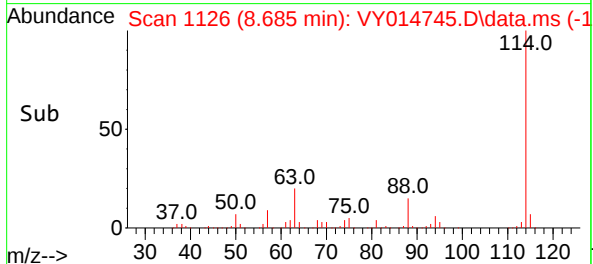
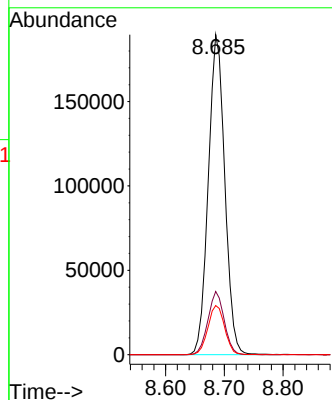
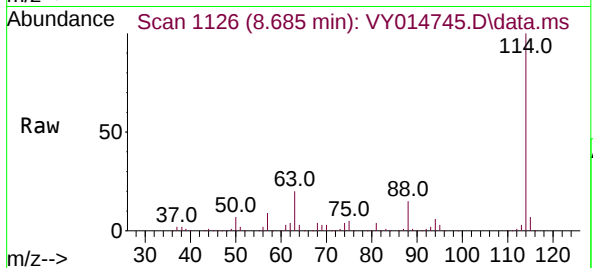
Tgt Ion:114 Resp: 369835

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.414 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014745.D

Acq: 21 Jul 2023 14:32

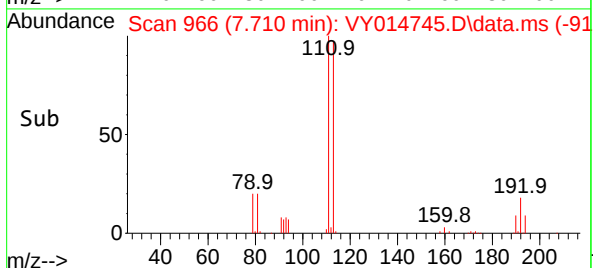
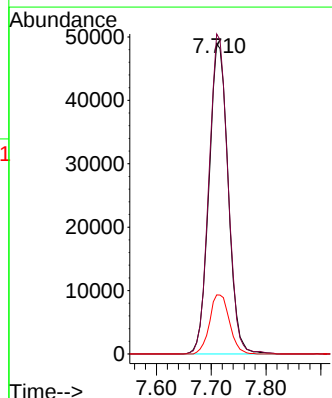
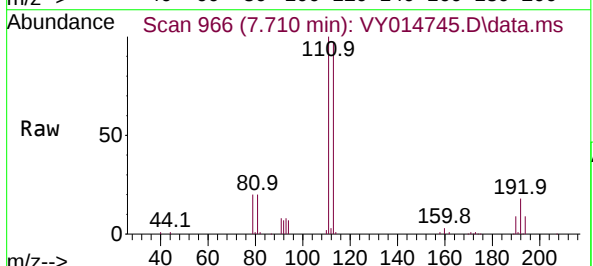
Tgt Ion:113 Resp: 118689

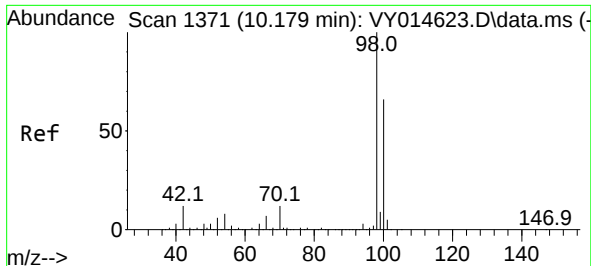
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.7 16.9 25.3

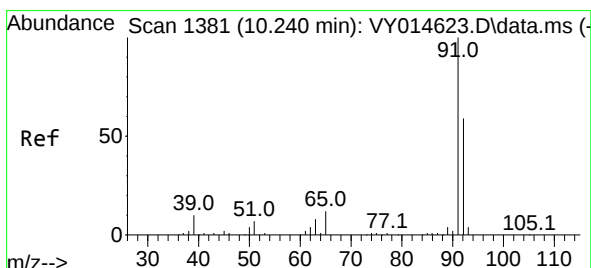
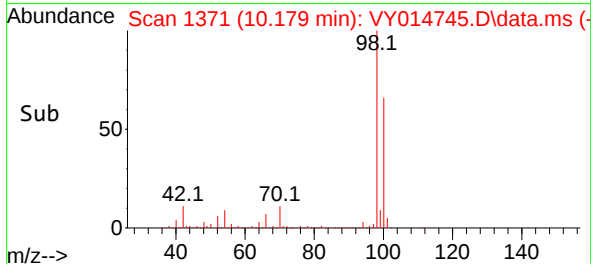
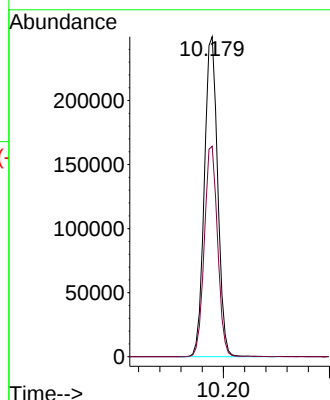
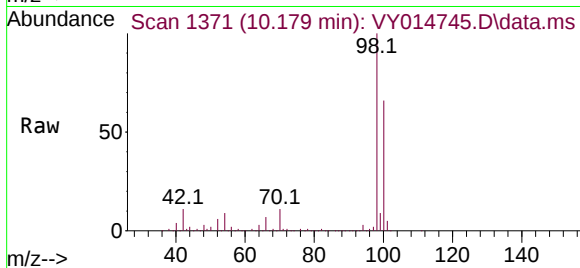




#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

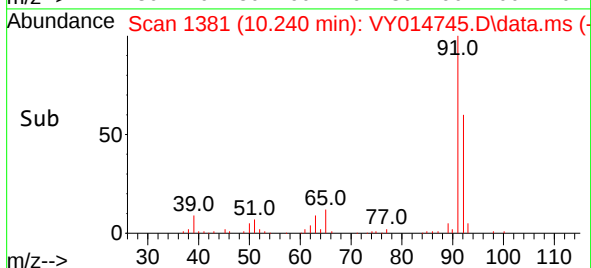
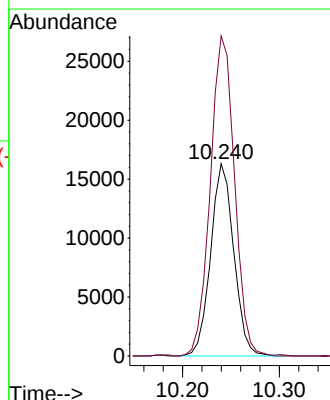
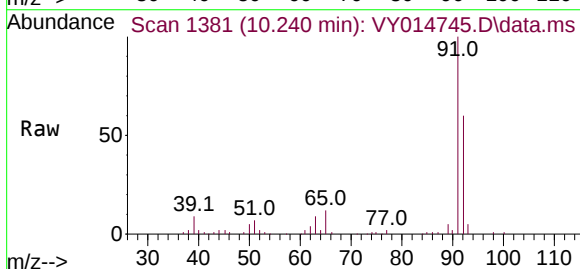
Instrument :
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RPTP-5-GRAB-9

Tgt Ion: 98 Resp: 434668
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#52
Toluene
Concen: 4.229 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 92 Resp: 27097
Ion Ratio Lower Upper
92 100
91 174.7 143.8 215.6

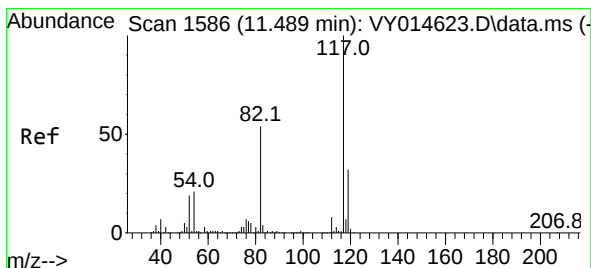
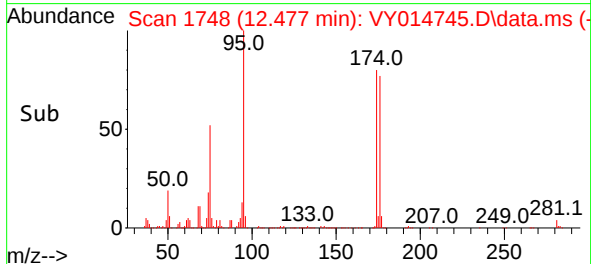
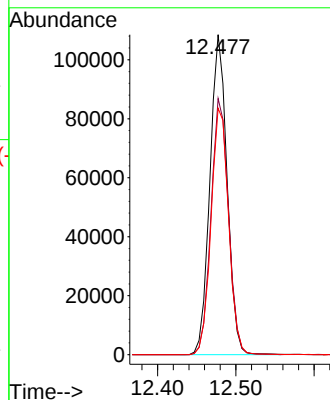
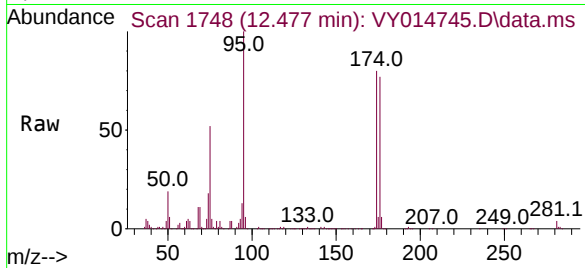




#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

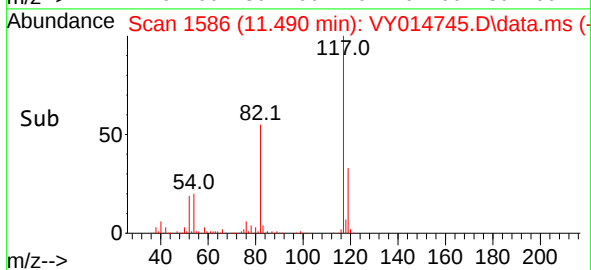
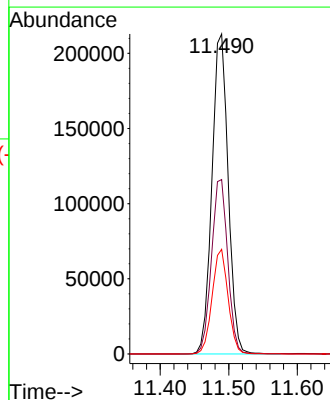
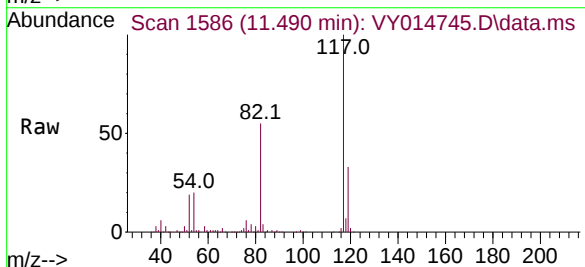
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

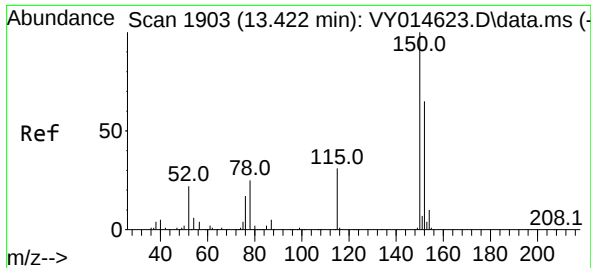
Tgt Ion: 95 Resp: 164959
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 78.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 117 Resp: 350721
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.7 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: VY014745.D

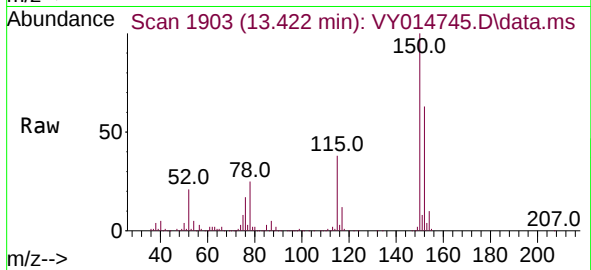
Acq: 21 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-5-GRAB-9



Tgt Ion:152 Resp: 165272

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.7 0.0 348.8

