

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014798.D
 Acq On : 25 Jul 2023 13:46
 Operator : SY/MD
 Sample : 03681-21
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-7-GRAB-14

Quant Time: Jul 26 01:17:45 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	169197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106206	55.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.160%
35) Dibromofluoromethane	7.710	113	92389	49.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.173	98	349167	50.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.477	95	127621	48.334	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.660%

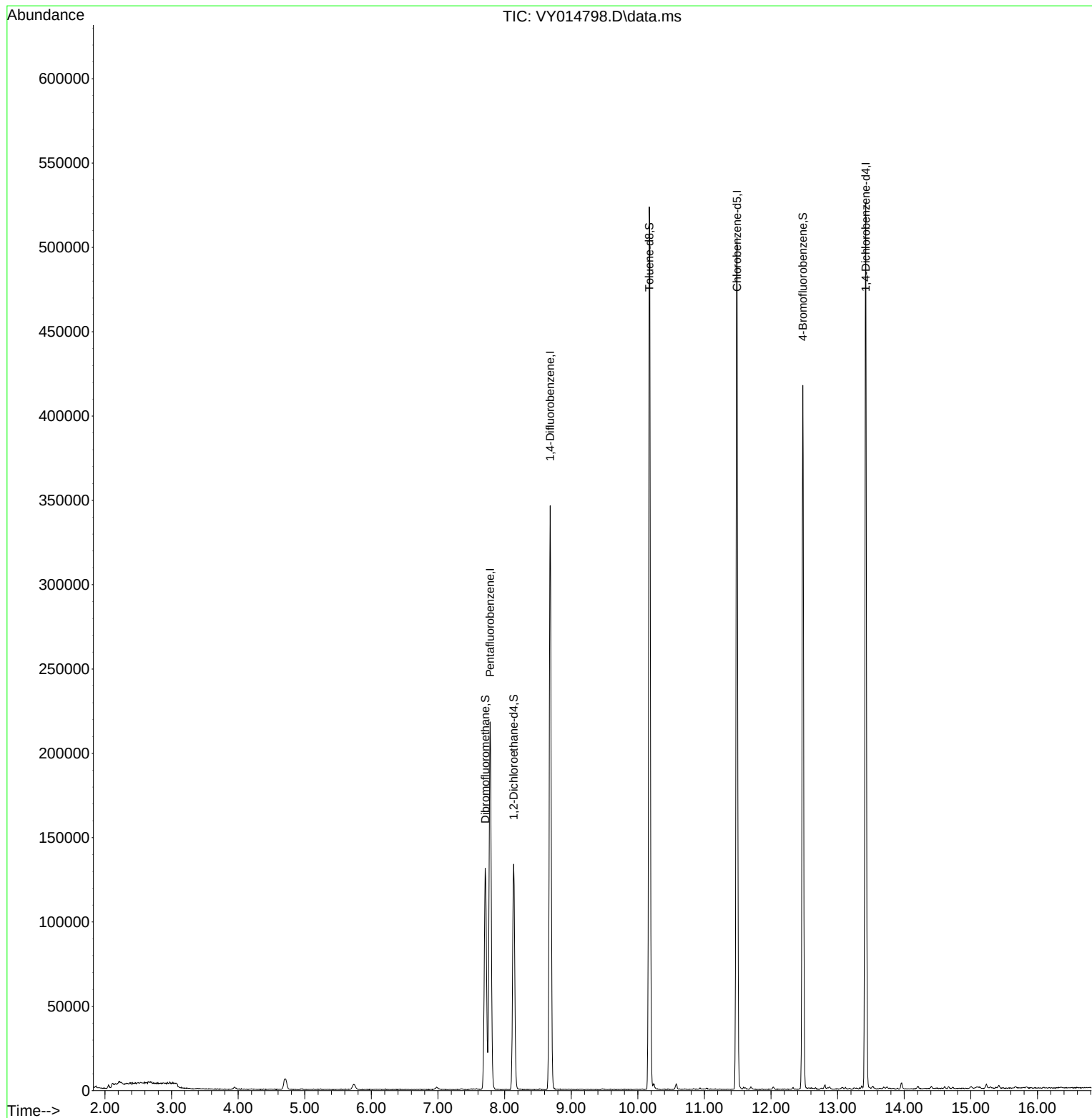
Target Compounds	Qvalue

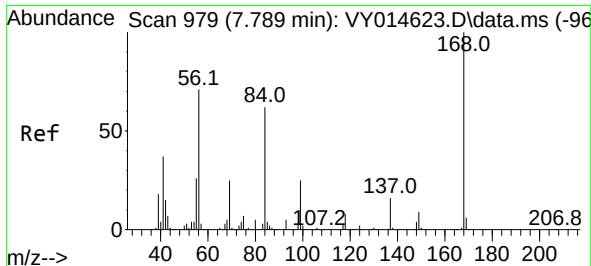
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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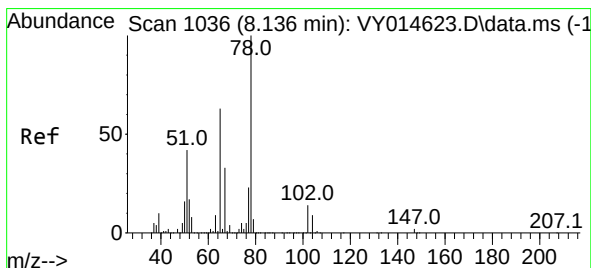
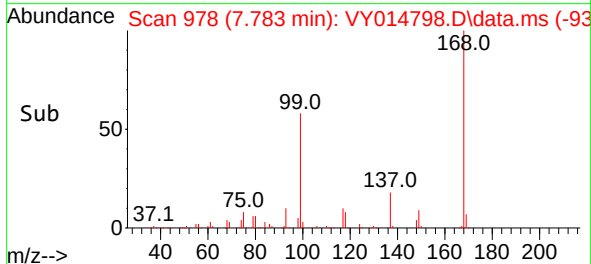
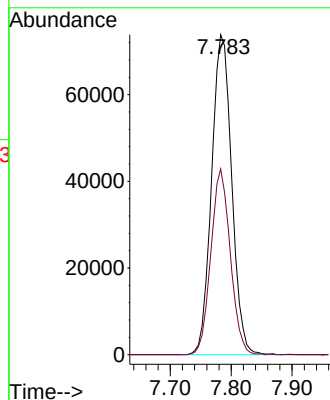
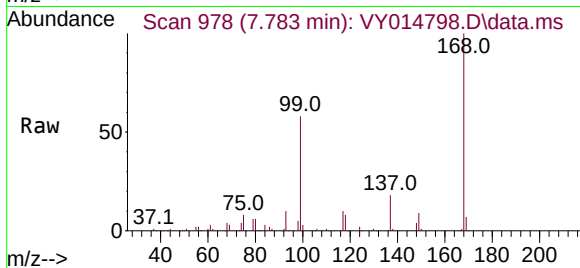




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

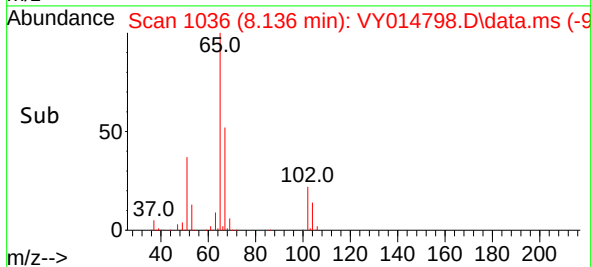
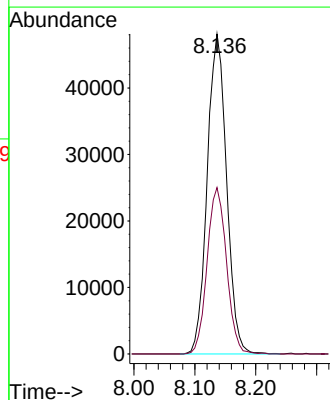
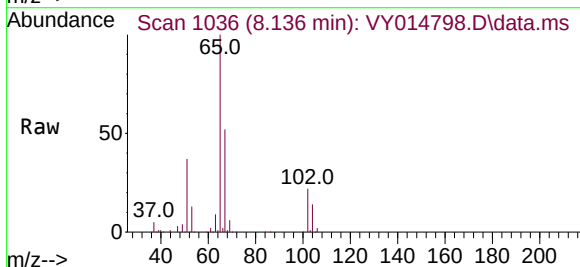
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

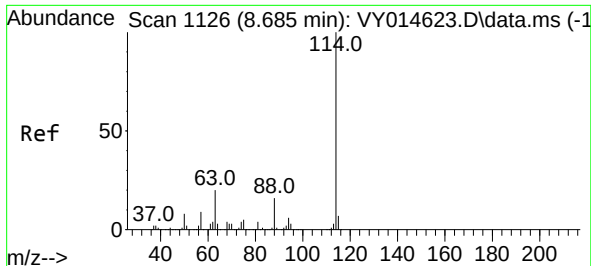
Tgt Ion:168 Resp: 169197
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.084 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion: 65 Resp: 106206
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

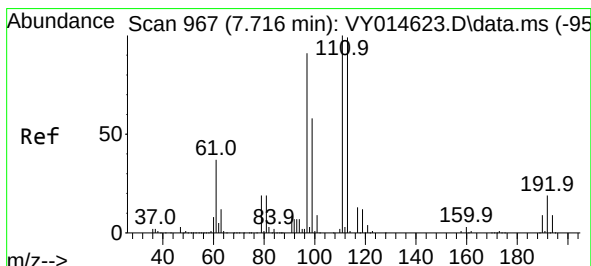
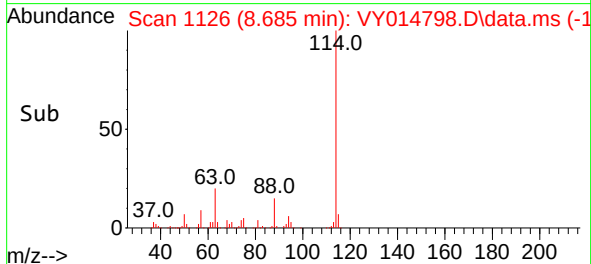
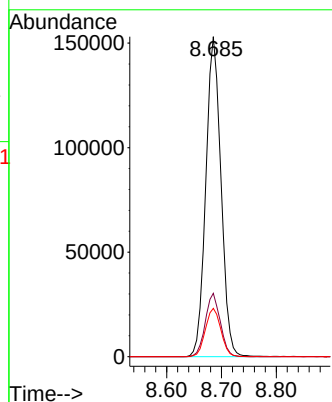
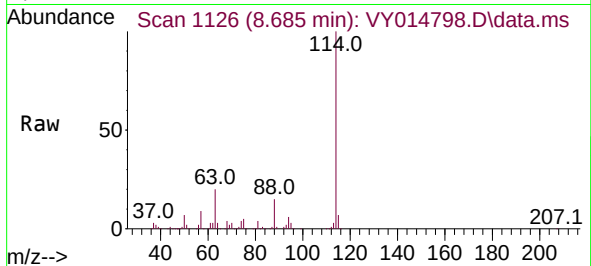




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

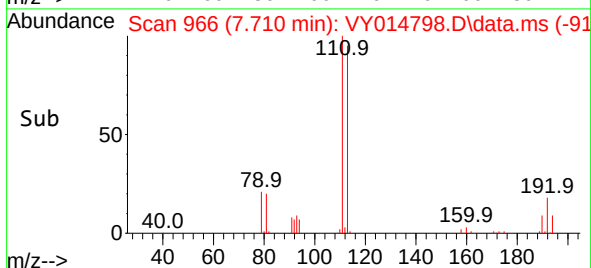
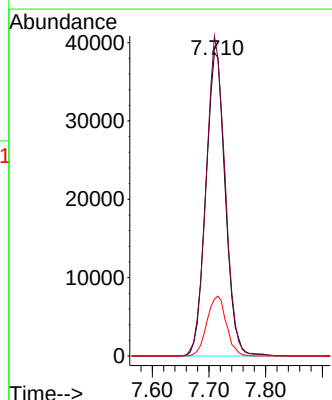
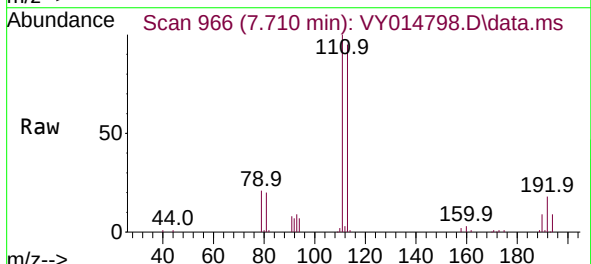
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

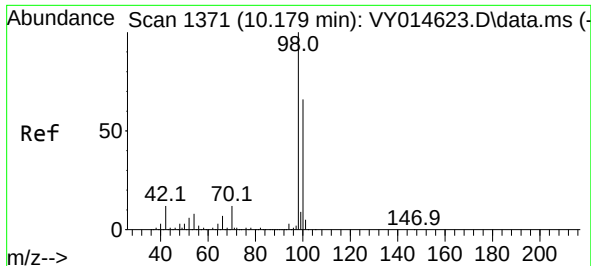
Tgt Ion:114 Resp: 293413
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion:113 Resp: 92389
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3

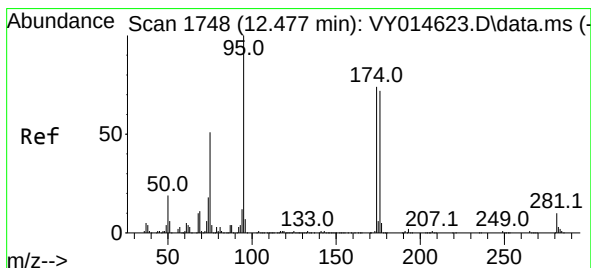
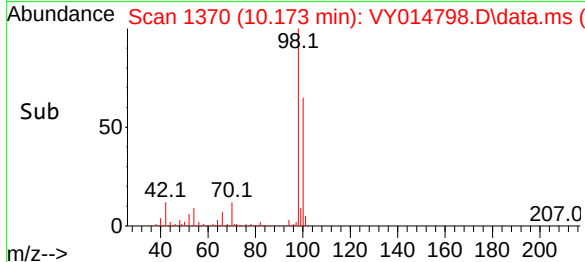
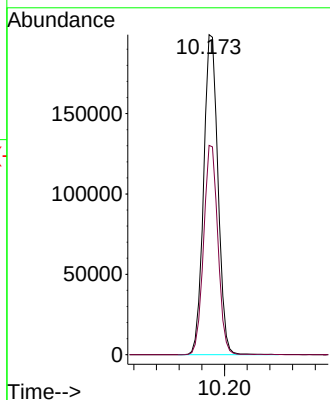
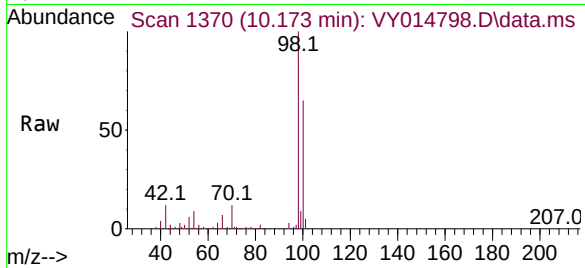




#50
Toluene-d8
Concen: 50.706 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

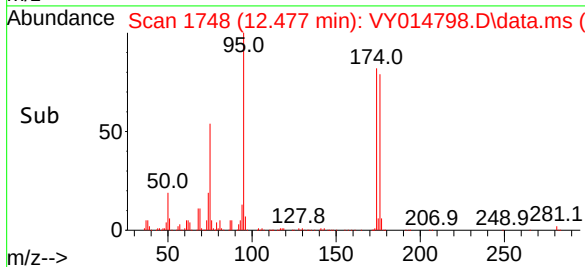
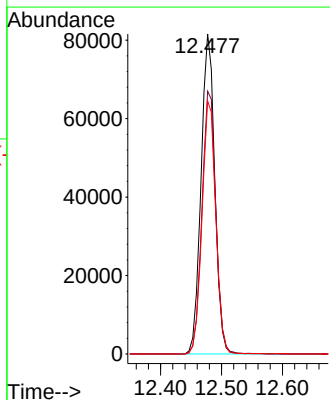
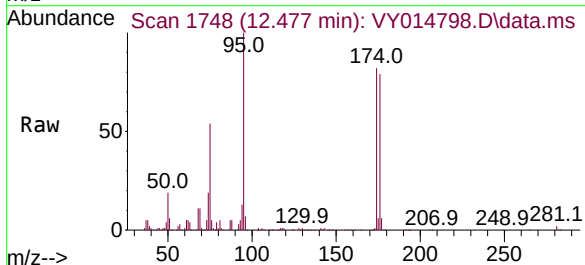
Instrument :
MSVOA_Y
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RPTP-7-GRAB-14

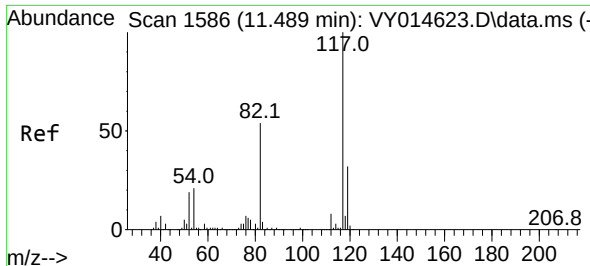
Tgt Ion: 98 Resp: 349167
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion: 95 Resp: 127621
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 79.2 0.0 173.8

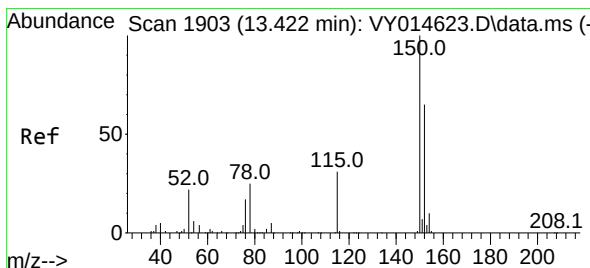
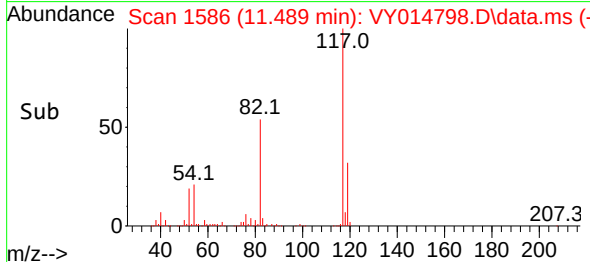
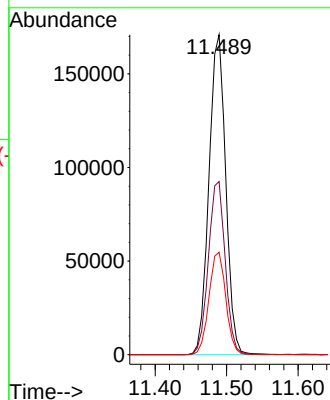
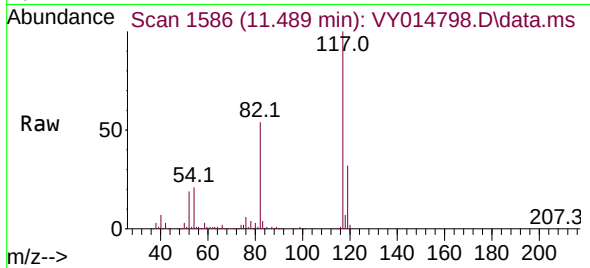




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

Tgt Ion:117 Resp: 278265
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.0 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: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion:152 Resp: 130971
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 157.8 0.0 348.8

