

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014812.D
 Acq On : 25 Jul 2023 19:18
 Operator : SY/MD
 Sample : 03738-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 80001

Quant Time: Jul 26 01:22:41 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	166197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103304	54.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.100%
35) Dibromofluoromethane	7.716	113	92132	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.179	98	351322	51.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.477	95	128493	48.771	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.540%

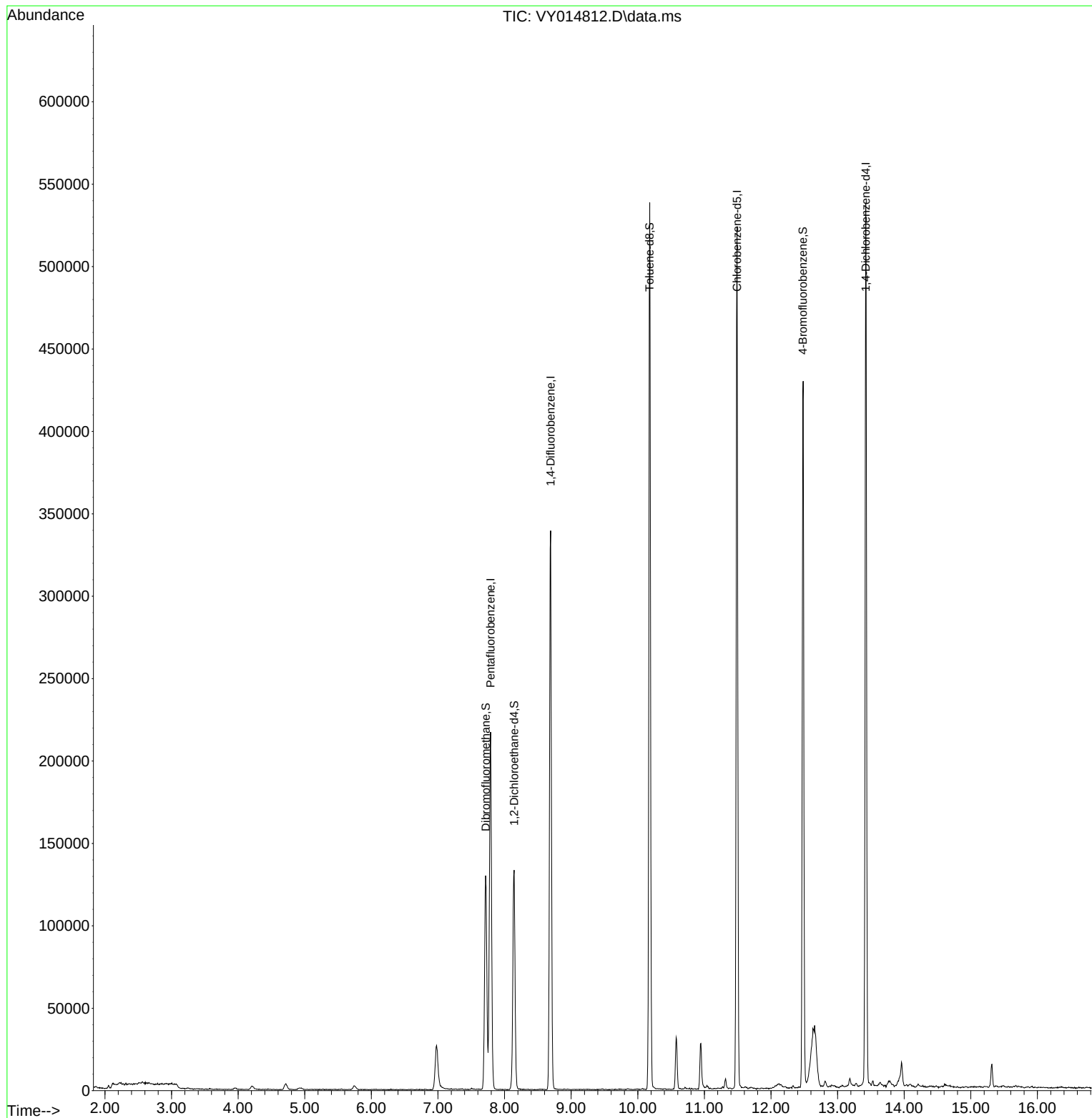
Target Compounds	Qvalue

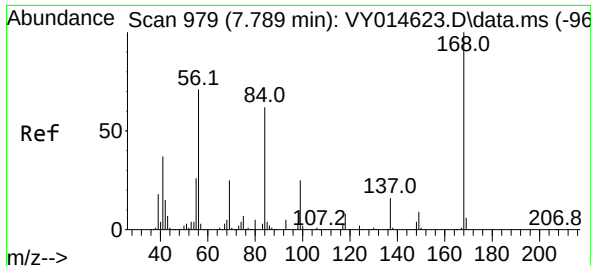
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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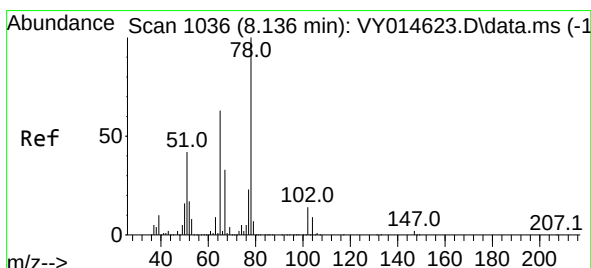
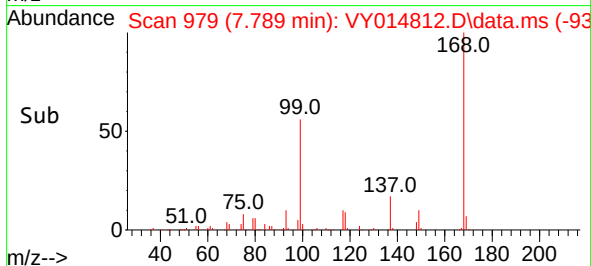
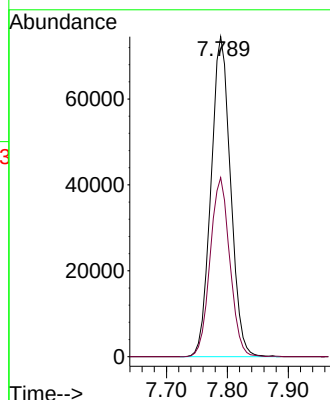
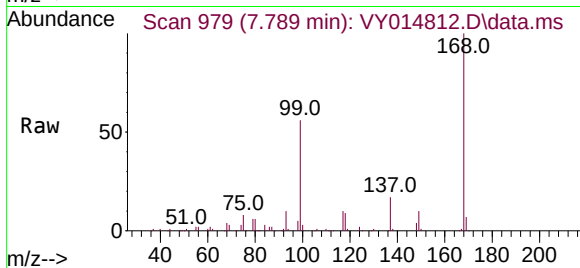




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

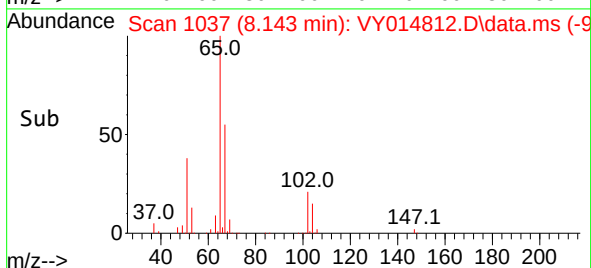
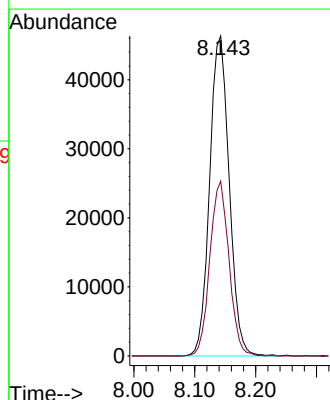
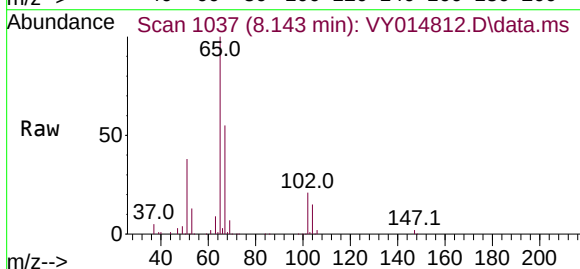
Instrument :
MSVOA_Y
ClientSampleId :
80001

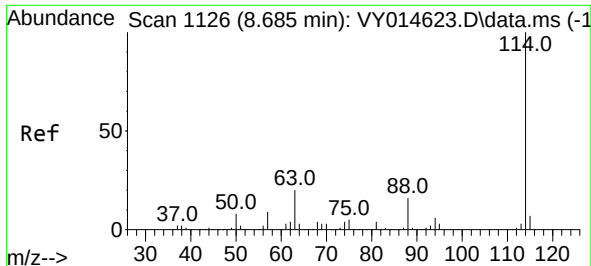
Tgt Ion:168 Resp: 166197
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.546 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

Tgt Ion: 65 Resp: 103304
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

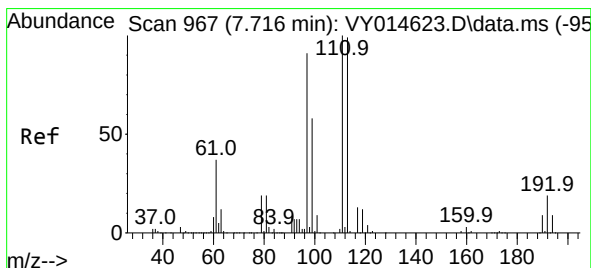
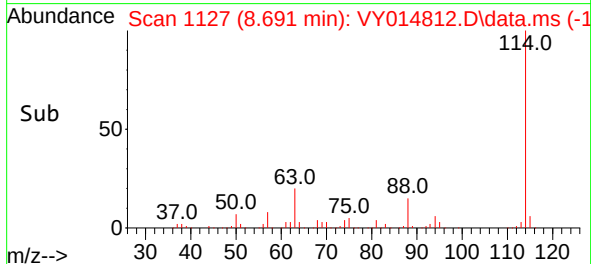
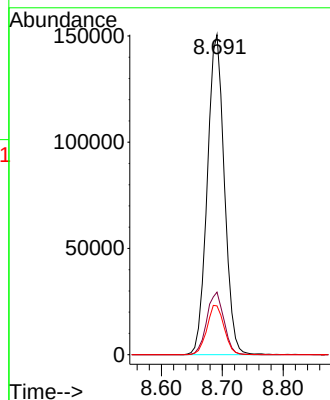
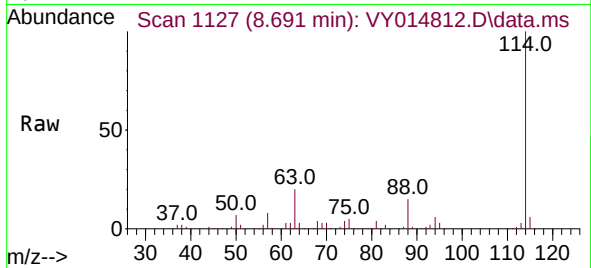




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

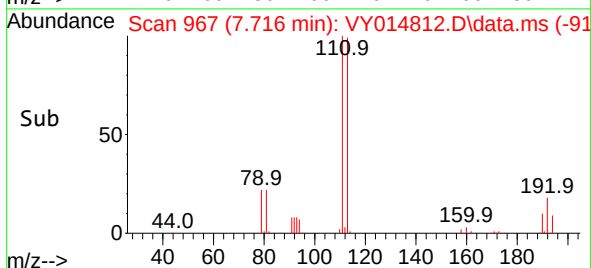
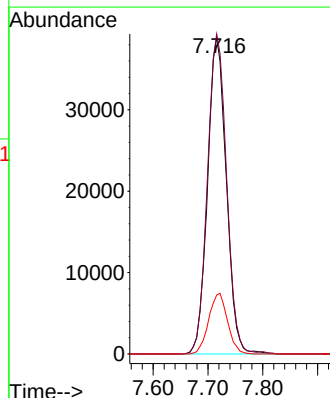
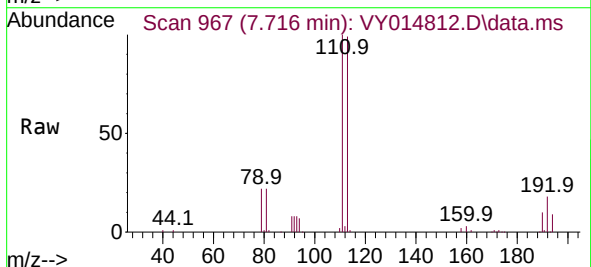
Instrument :
MSVOA_Y
ClientSampleId :
80001

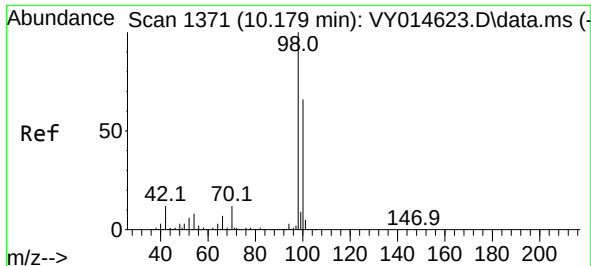
Tgt Ion:114 Resp: 292769
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.435 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

Tgt Ion:113 Resp: 92132
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.2 16.9 25.3

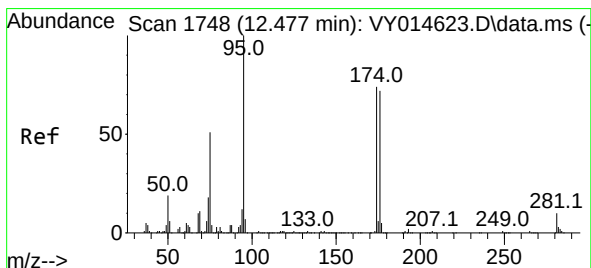
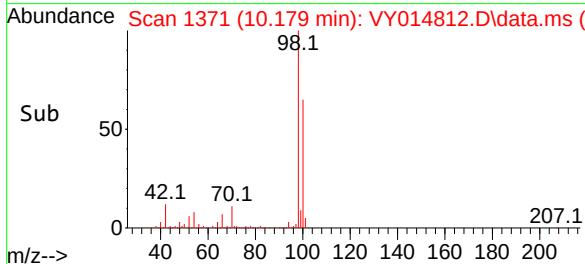
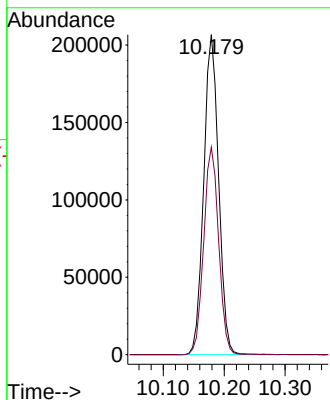
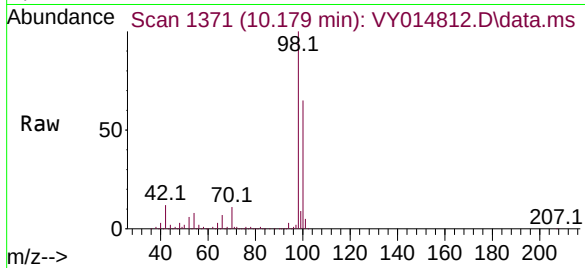




#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

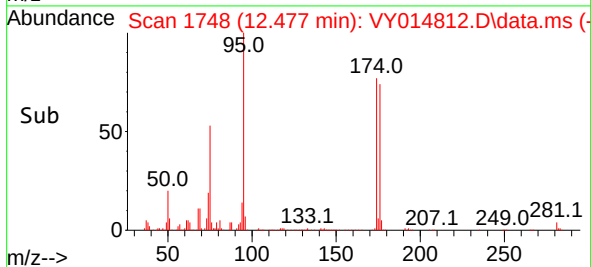
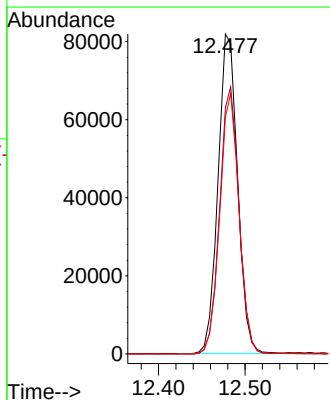
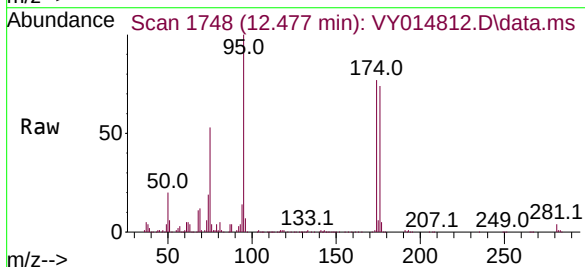
Instrument :
MSVOA_Y
ClientSampleId :
80001

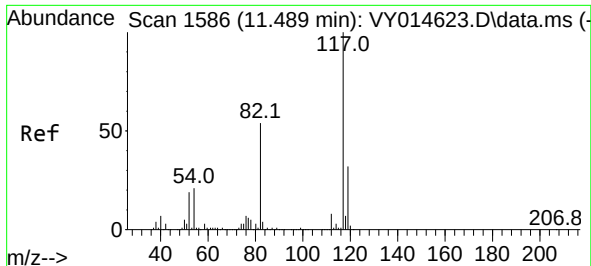
Tgt Ion: 98 Resp: 351322
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.771 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

Tgt Ion: 95 Resp: 128493
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 80.1 0.0 173.8

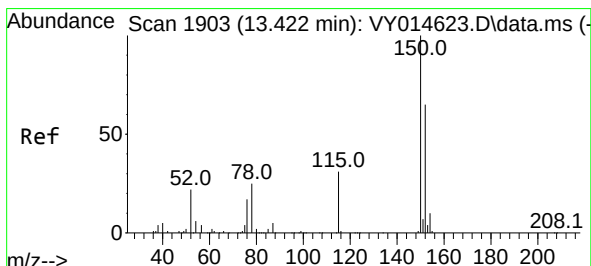
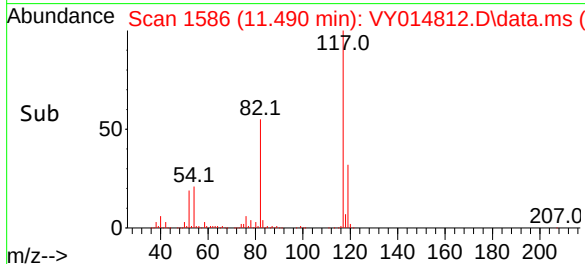
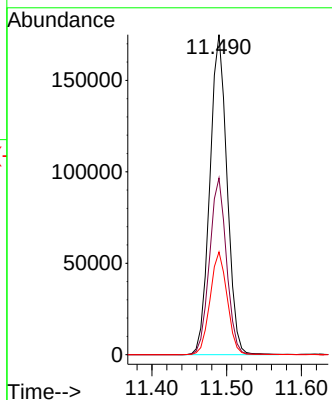
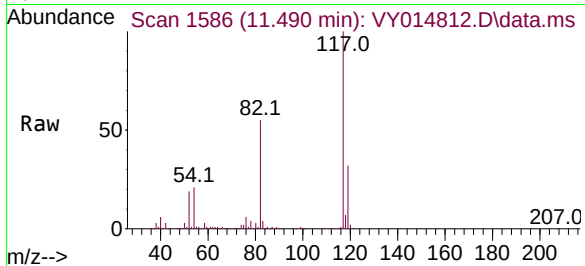




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014812.D
Acq: 25 Jul 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
80001

Tgt Ion:117 Resp: 280504
Ion Ratio Lower Upper
117 100
82 55.2 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: VY014812.D
Acq: 25 Jul 2023 19:18

Tgt Ion:152 Resp: 134427
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 155.1 0.0 348.8

