

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011245.D
 Acq On : 02 Nov 2022 01:31
 Operator : KP/MD
 Sample : N5337-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Nov 02 03:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	279613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	509643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	462644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	162536	54.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.700%
35) Dibromofluoromethane	7.710	113	170353	52.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	595361	46.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.477	95	204215	46.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.540%

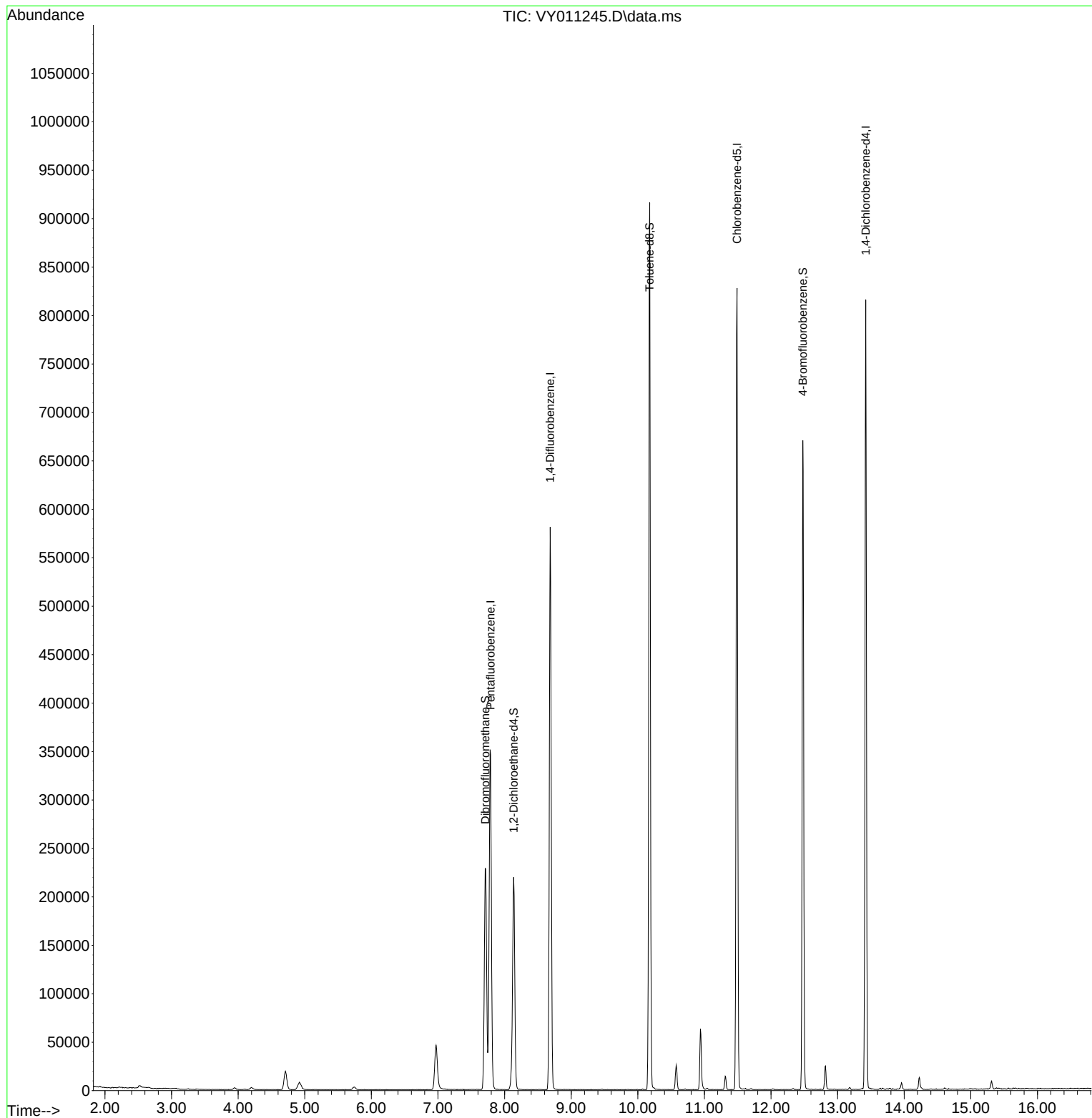
Target Compounds	Qvalue

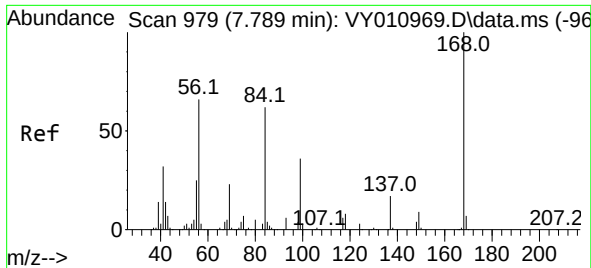
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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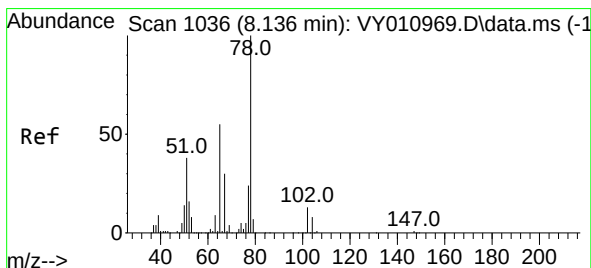
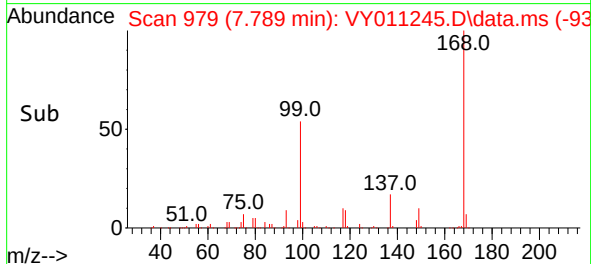
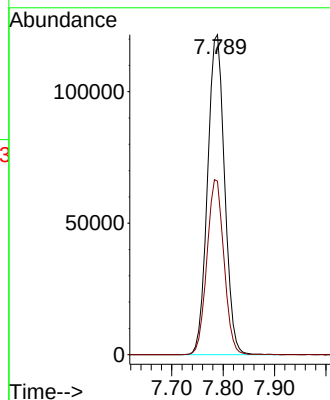
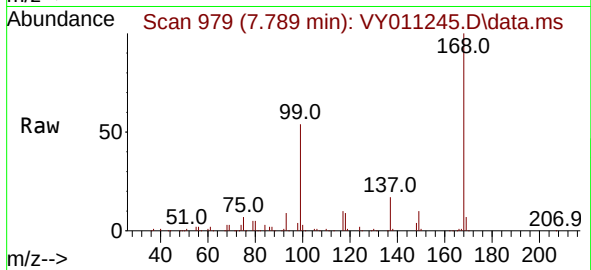




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

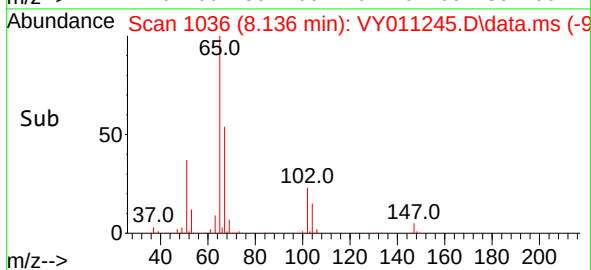
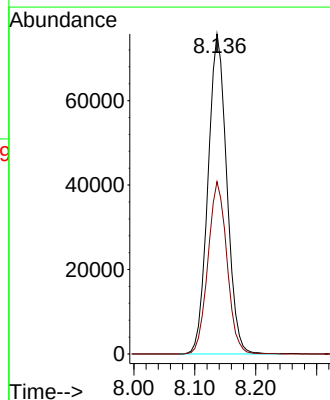
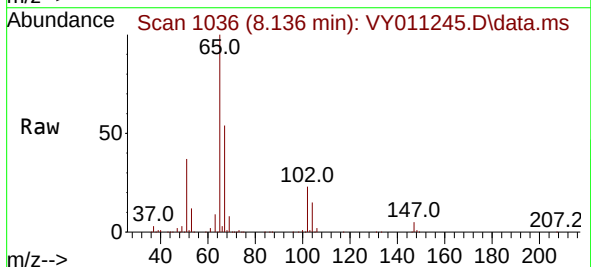
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

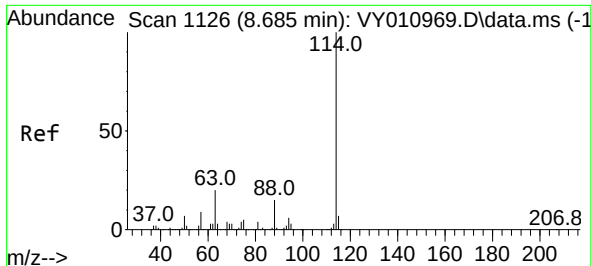
Tgt Ion:168 Resp: 279613
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion: 65 Resp: 162536
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

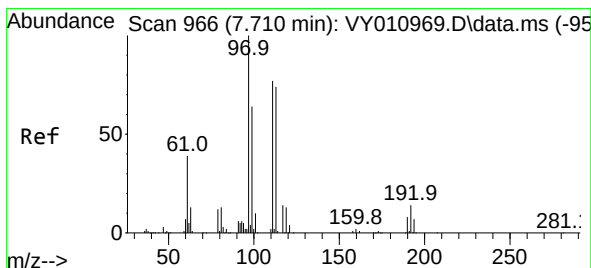
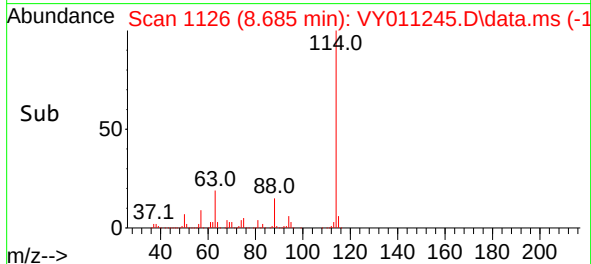
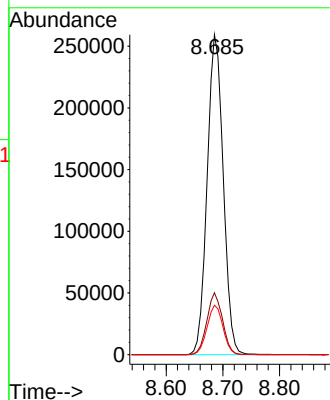
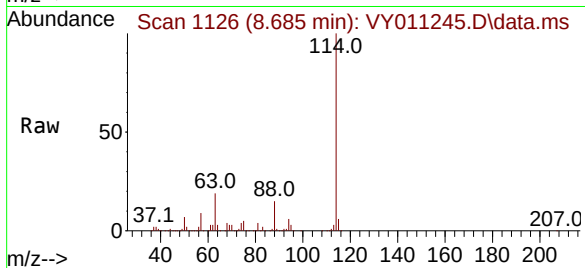




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

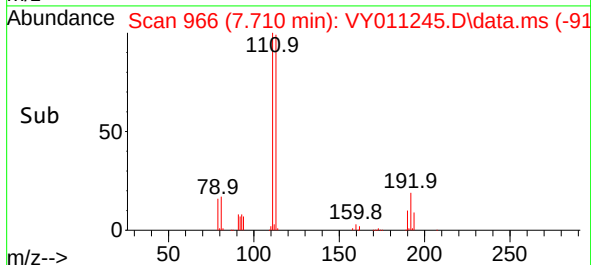
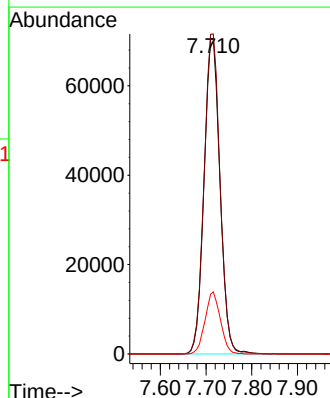
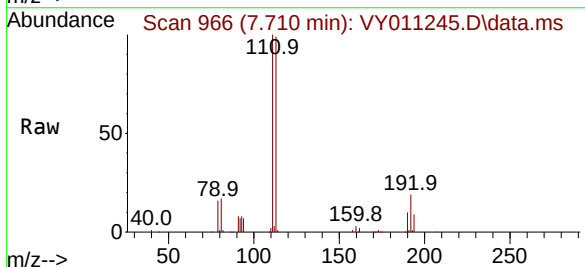
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

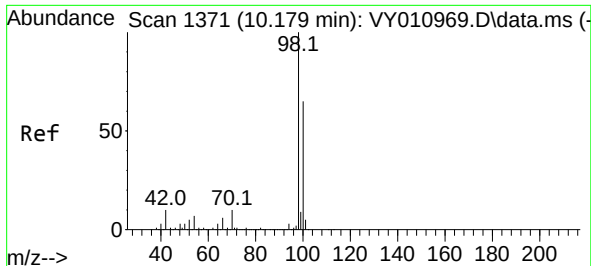
Tgt Ion:114 Resp: 509643
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.025 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion:113 Resp: 170353
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.0 17.6 26.4

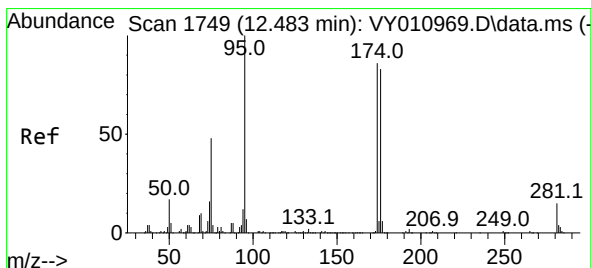
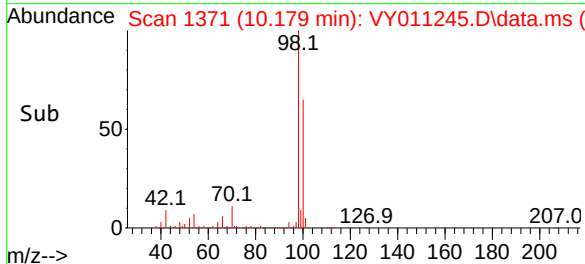
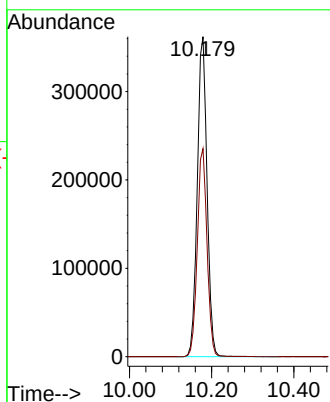
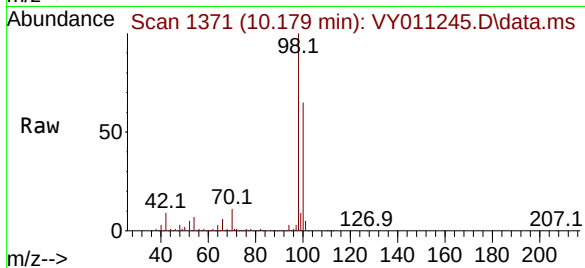




#50
Toluene-d8
Concen: 46.830 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

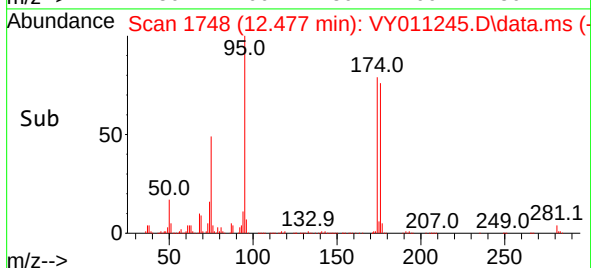
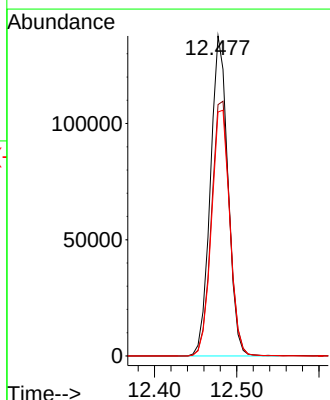
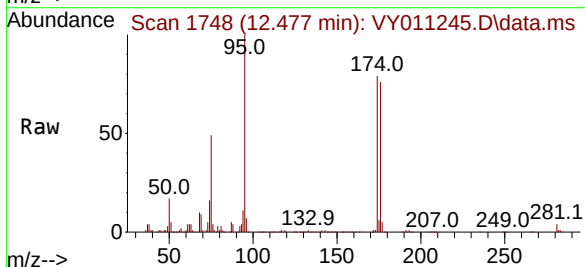
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

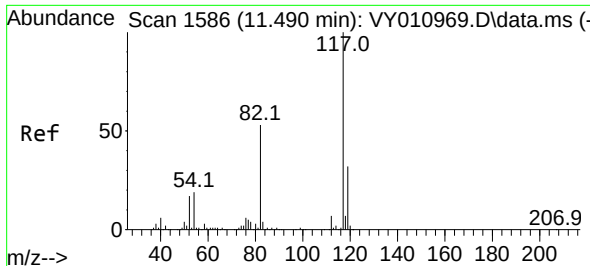
Tgt Ion: 98 Resp: 595361
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion: 95 Resp: 204215
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.1 0.0 175.8

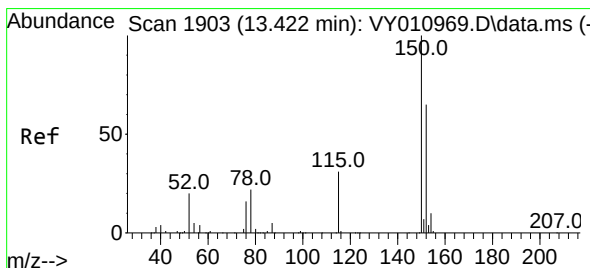
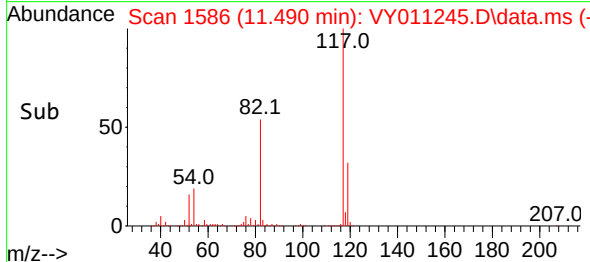
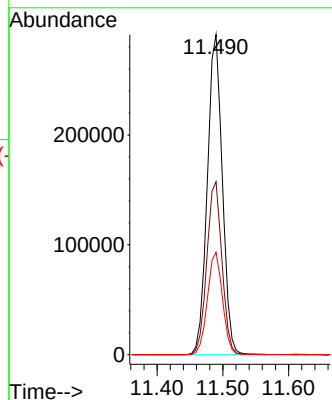
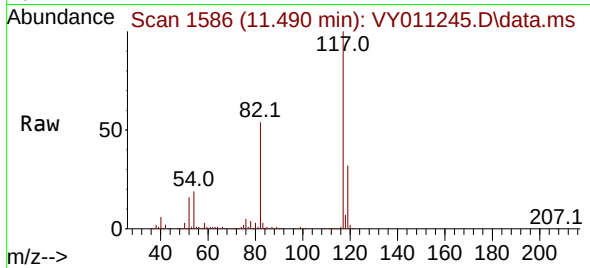




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion:117 Resp: 462644
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011245.D
Acq: 02 Nov 2022 01:31

Tgt Ion:152 Resp: 211312
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.5 0.0 347.6

