

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008967.D
 Acq On : 21 May 2022 23:33
 Operator : KP/MD
 Sample : VY0521SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL02

Quant Time: May 22 02:46:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114132	59.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.720%
35) Dibromofluoromethane	7.710	113	105682	50.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.179	98	429450	55.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.477	95	122240	39.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.520%

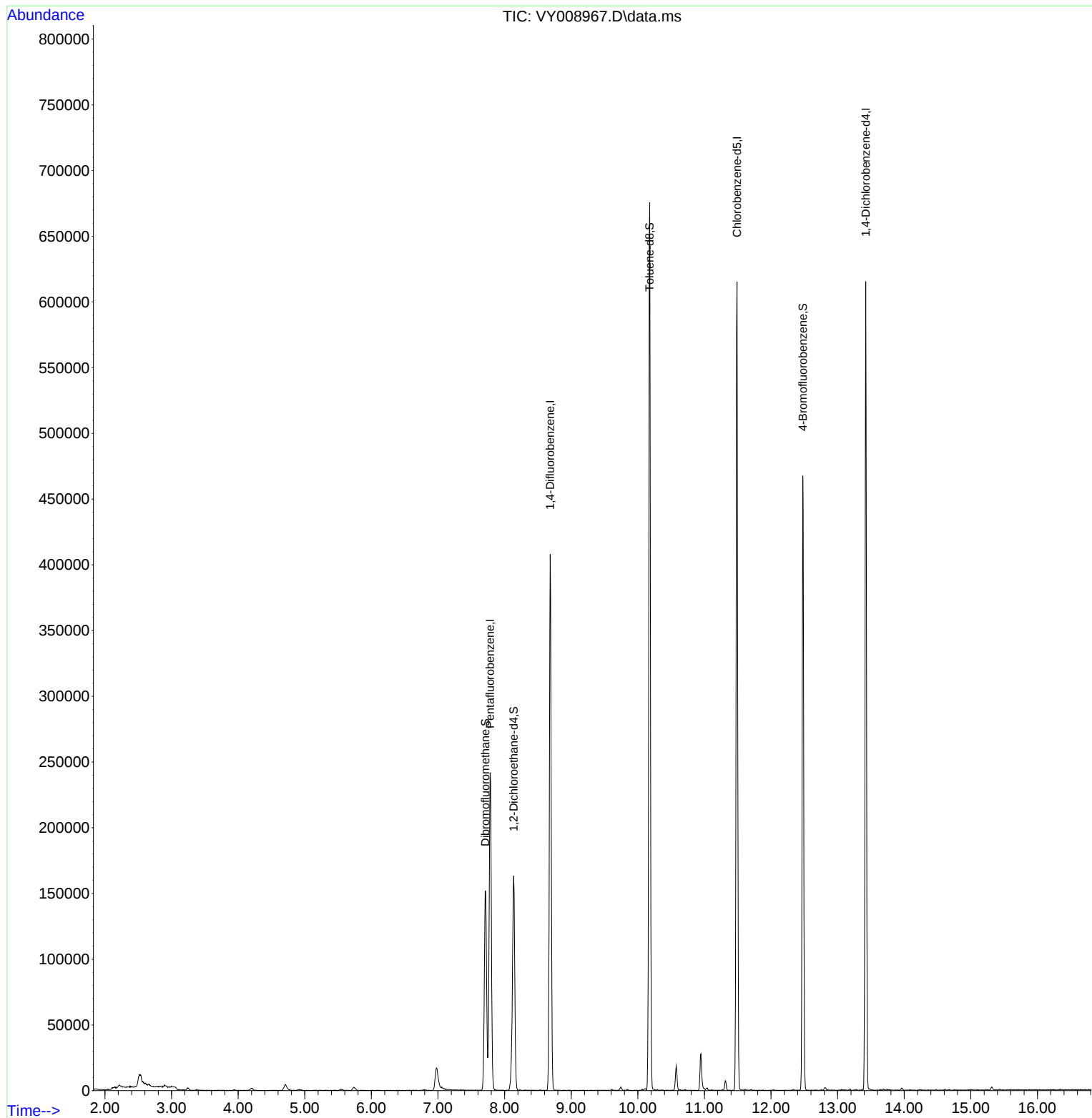
Target Compounds	Qvalue

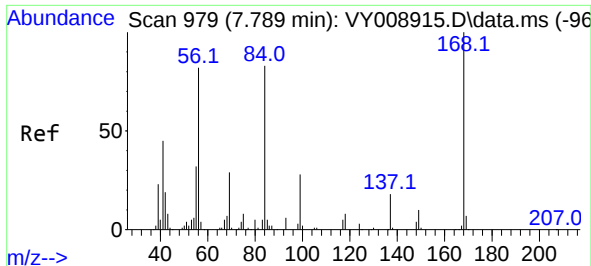
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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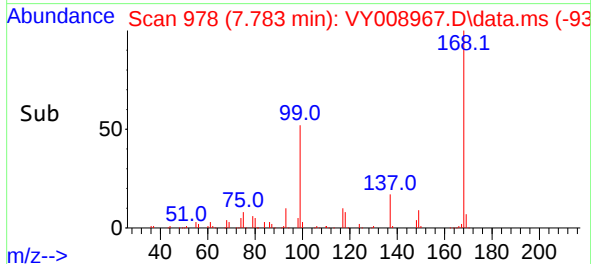
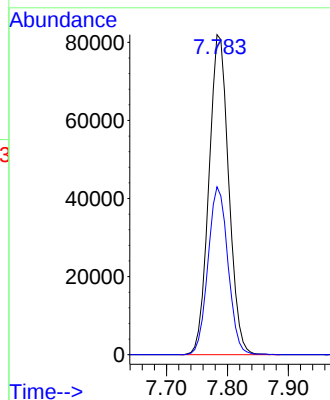
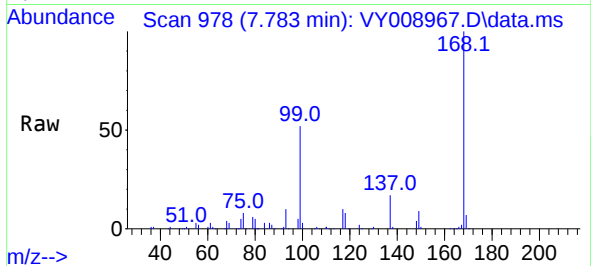




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

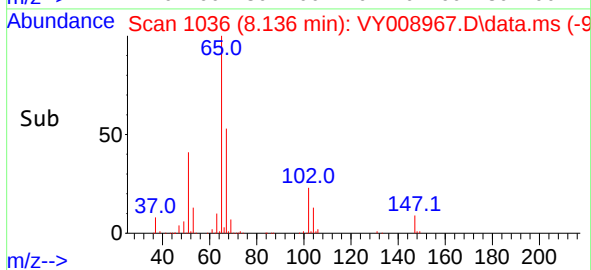
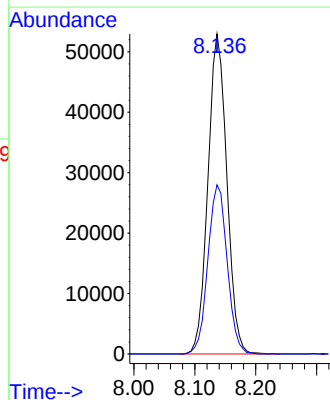
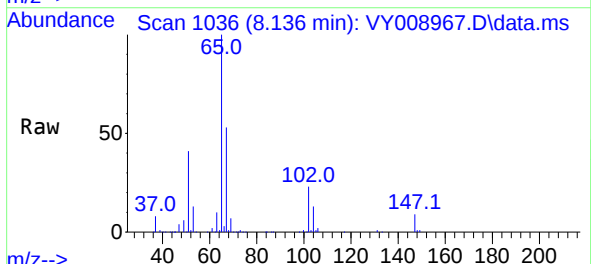
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

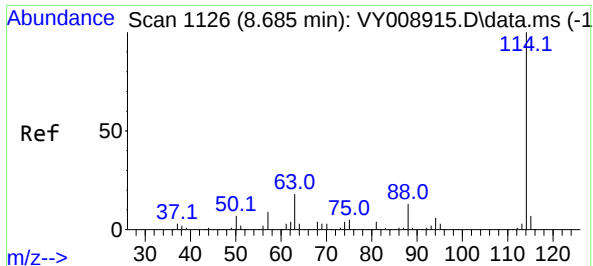
Tgt Ion:168 Resp: 185267
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.857 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 65 Resp: 114132
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

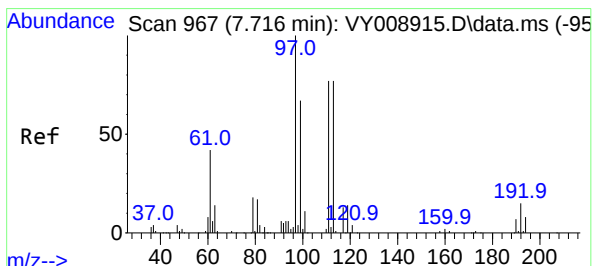
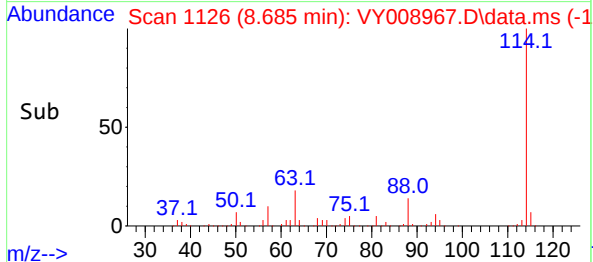
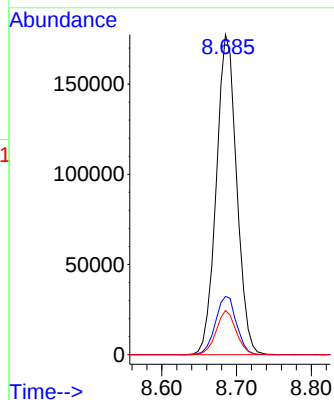
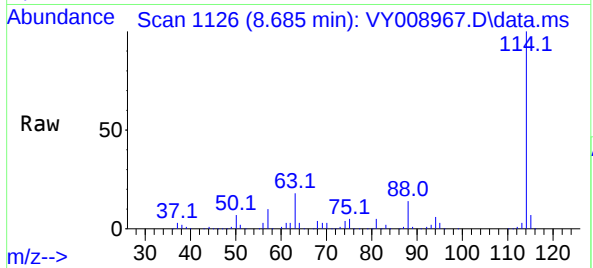




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

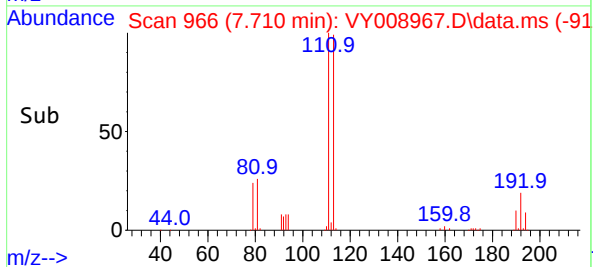
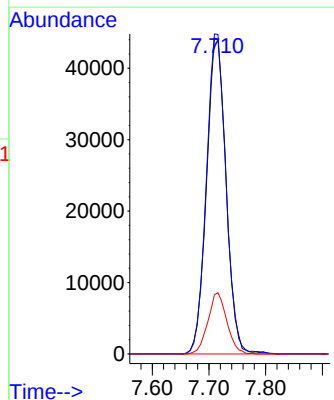
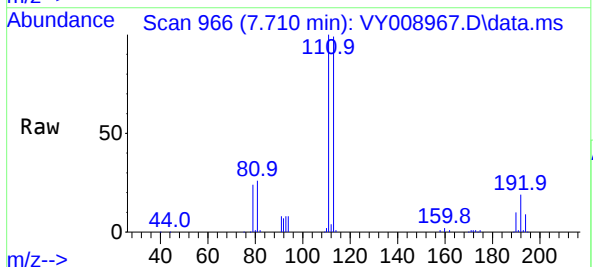
Instrument :
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ClientSampleId :
VY0521SBL02

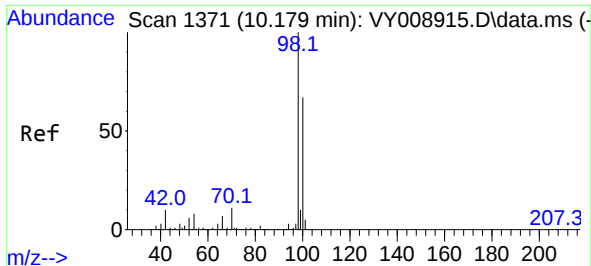
Tgt Ion:114 Resp: 336446
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.513 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion:113 Resp: 105682
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 18.8 17.6 26.4

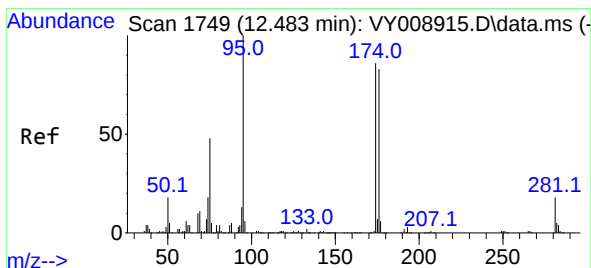
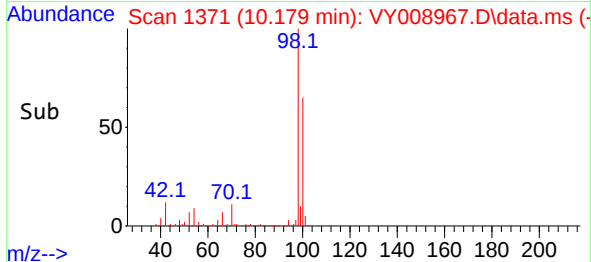
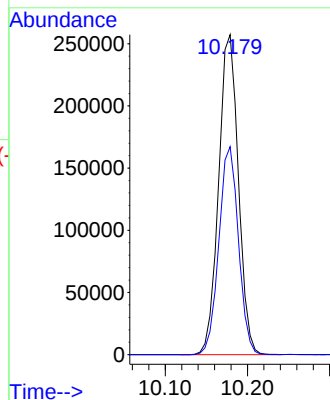
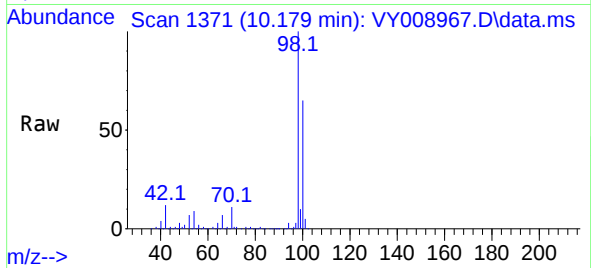




#50
Toluene-d8
Concen: 55.641 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

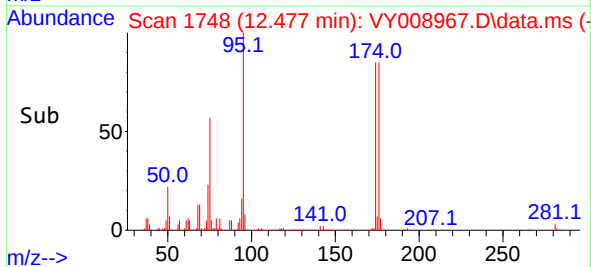
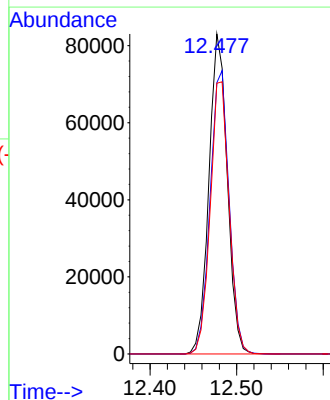
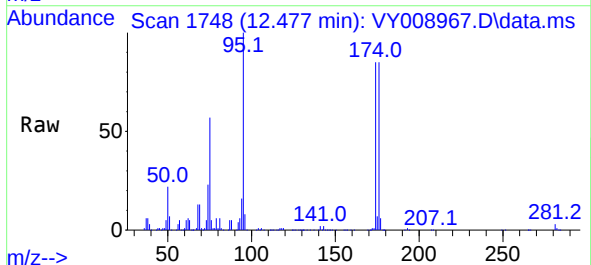
Instrument :
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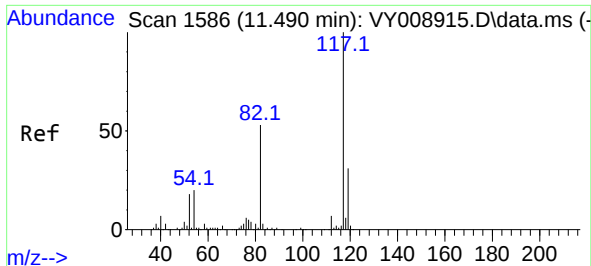
Tgt Ion: 98 Resp: 429450
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.262 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 95 Resp: 122240
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 87.6 0.0 175.8

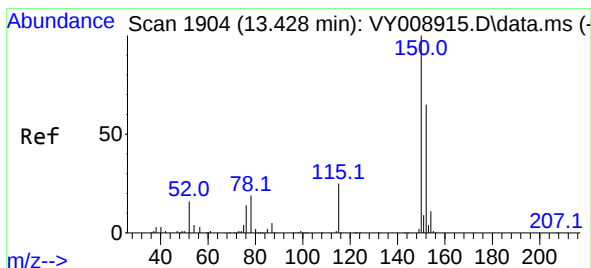
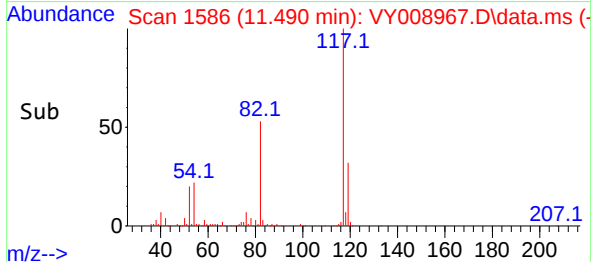
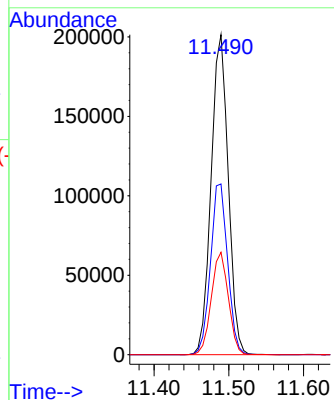
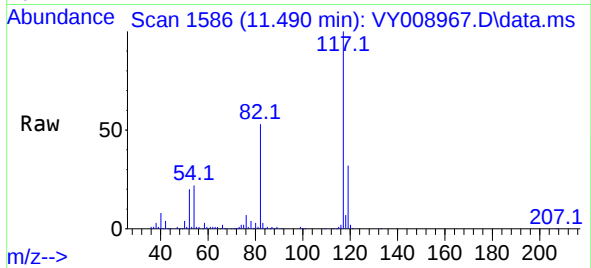




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

Tgt Ion:117 Resp: 320082
Ion Ratio Lower Upper
117 100
82 53.3 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. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion:152 Resp: 141224
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.8 0.0 347.6

