

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009557.D
 Acq On : 13 Jul 2022 14:37
 Operator : KP/MD
 Sample : N3687-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-361

Quant Time: Jul 14 02:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	43568	46.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.703	113	48193	44.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.440%
50) Toluene-d8	10.172	98	126180	40.722	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.440%
62) 4-Bromofluorobenzene	12.477	95	58704	38.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	76.320%

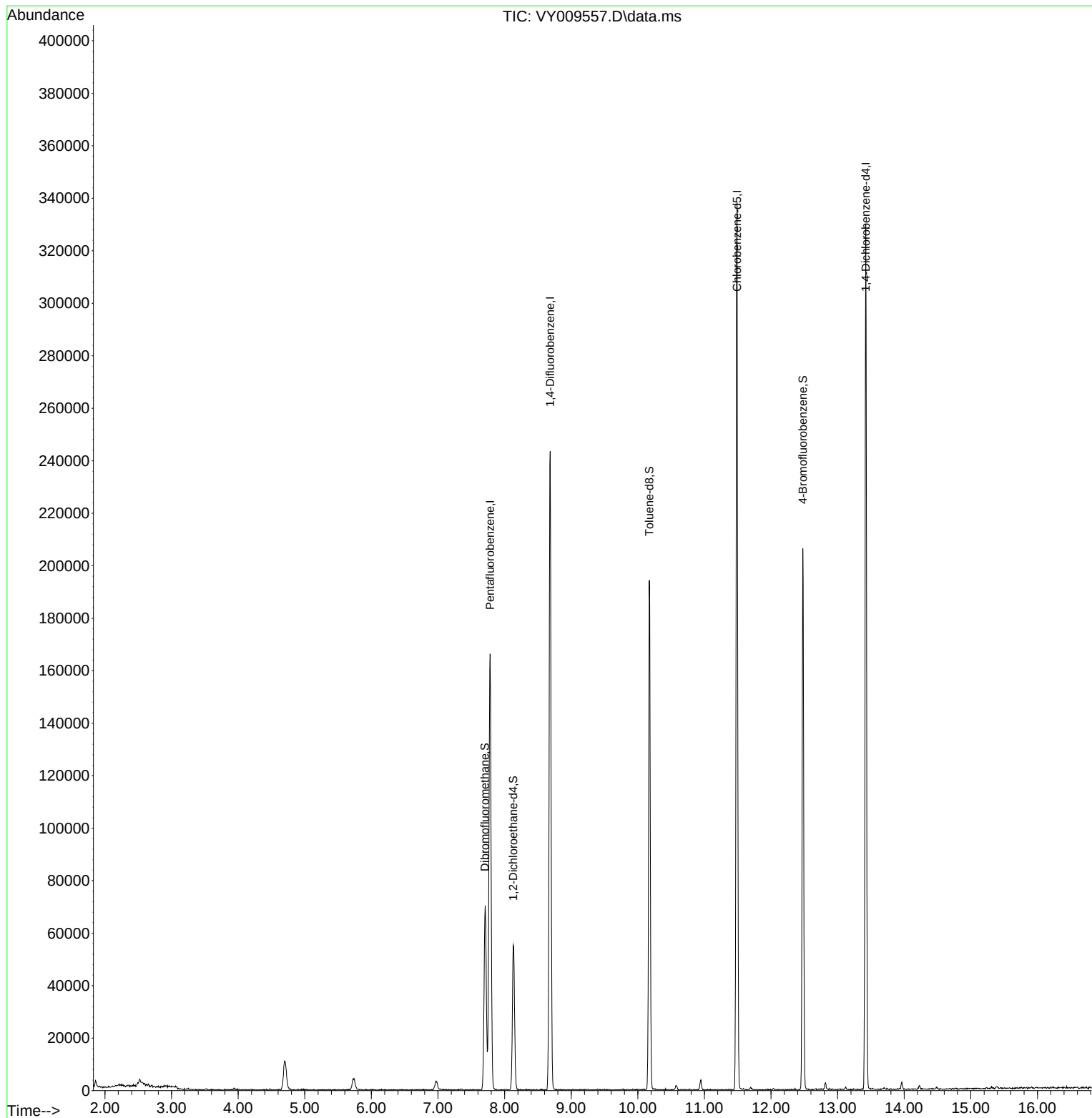
Target Compounds	Qvalue

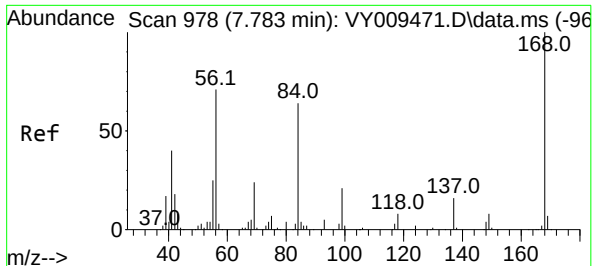
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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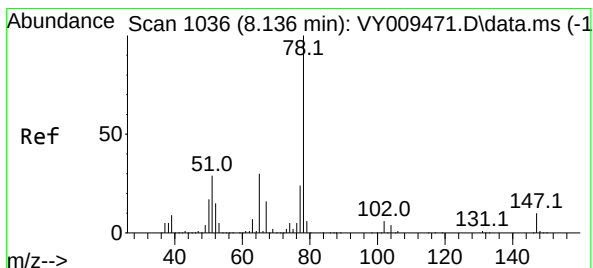
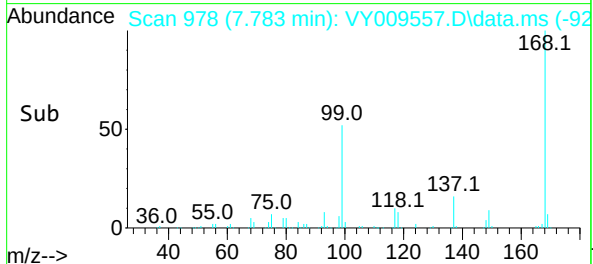
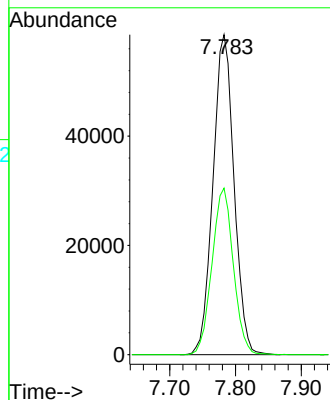
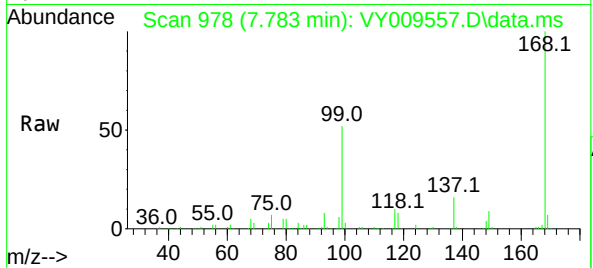




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

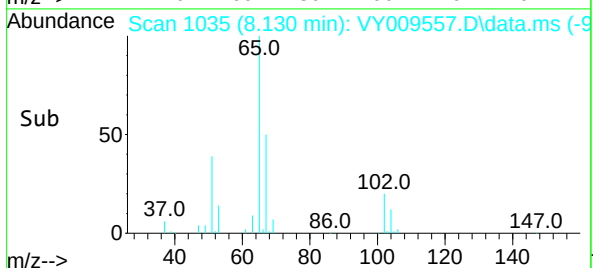
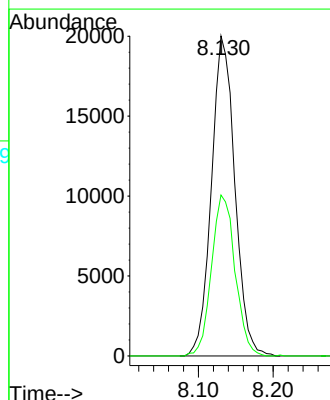
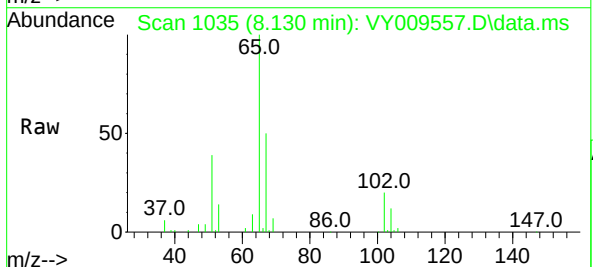
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-361

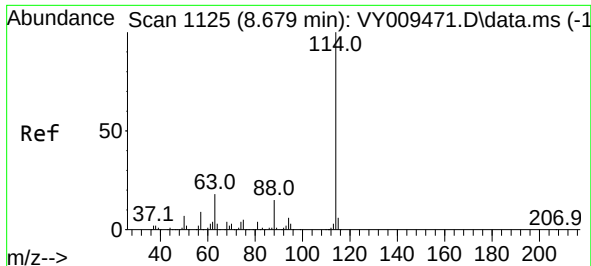
Tgt Ion:168 Resp: 130636
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.950 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

Tgt Ion: 65 Resp: 43568
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

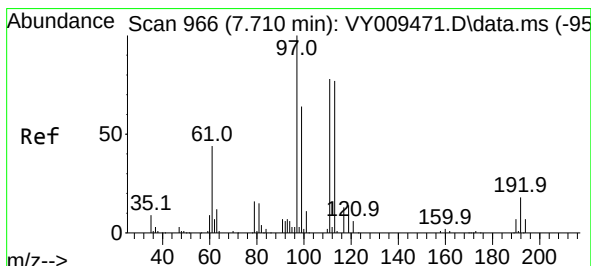
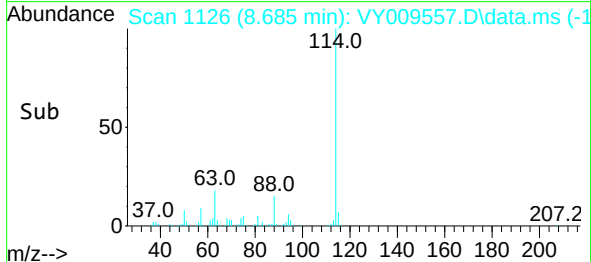
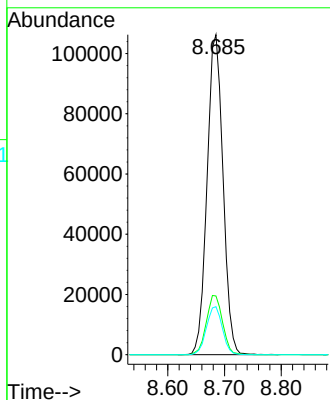
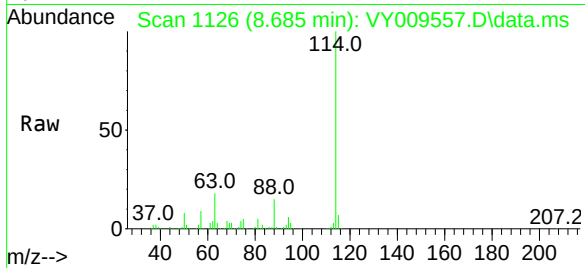




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

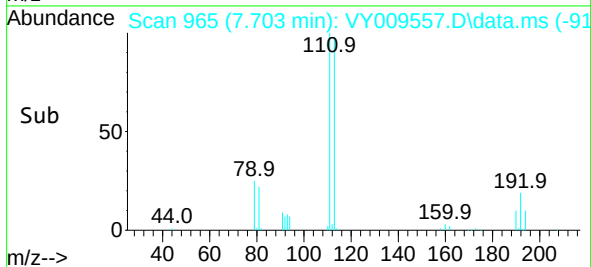
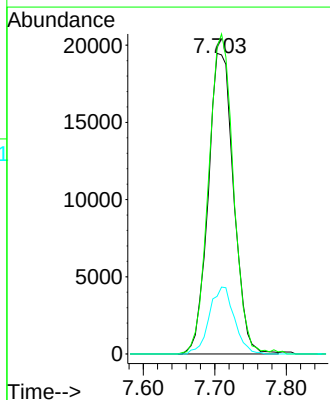
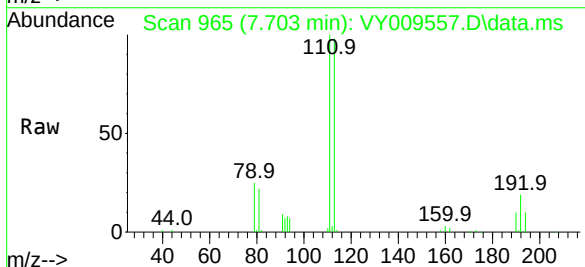
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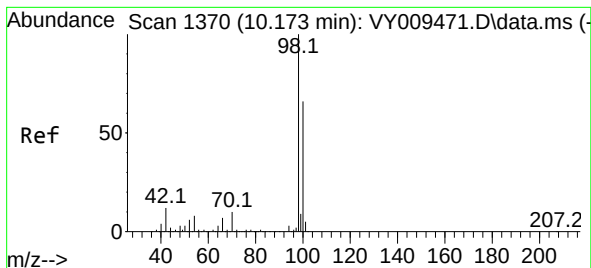
Tgt Ion:114 Resp: 207122
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.221 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.007 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

Tgt Ion:113 Resp: 48193
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.8 17.6 26.4

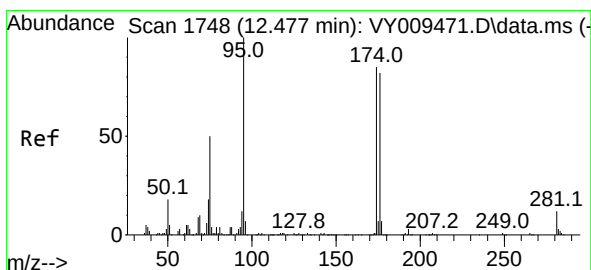
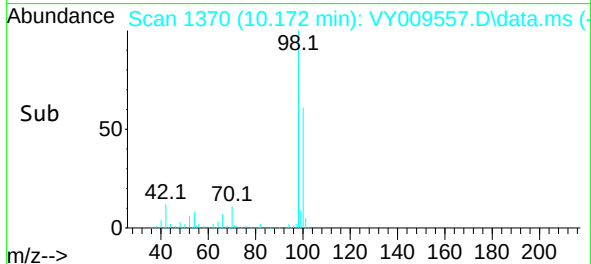
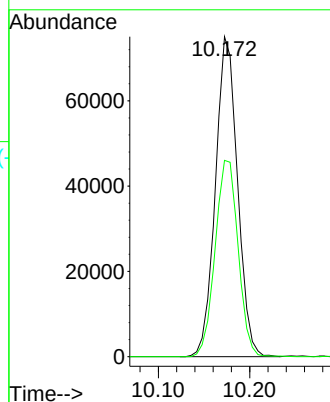
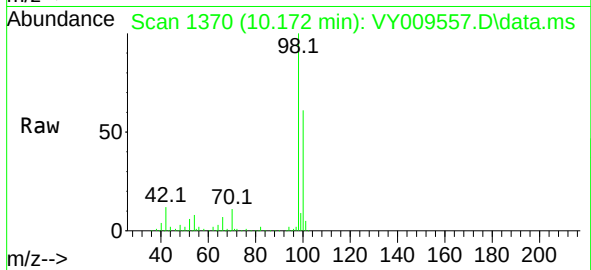




#50
Toluene-d8
Concen: 40.722 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

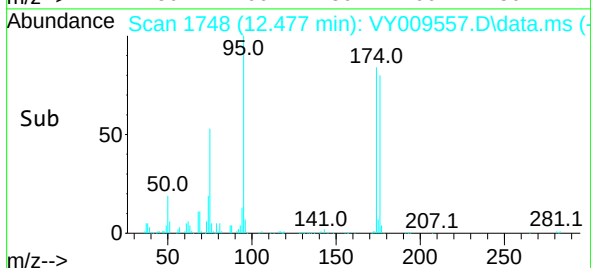
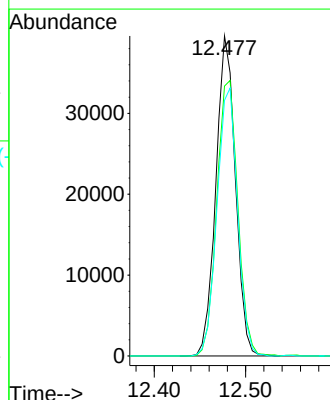
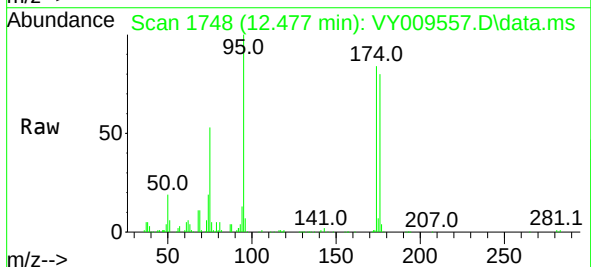
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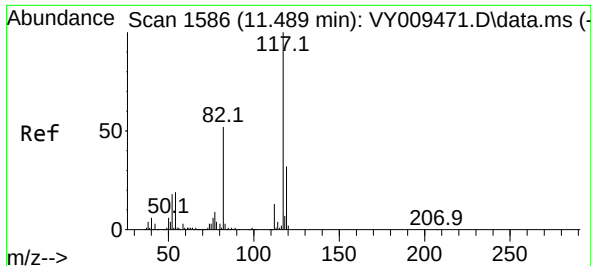
Tgt Ion: 98 Resp: 126180
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.160 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

Tgt Ion: 95 Resp: 58704
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 88.0 0.0 175.8

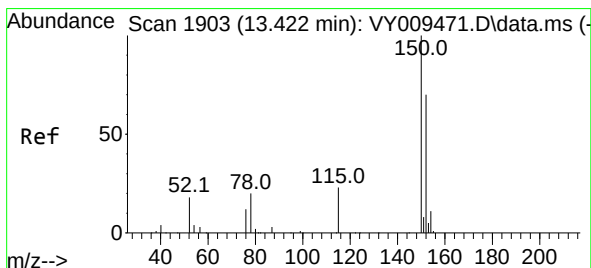
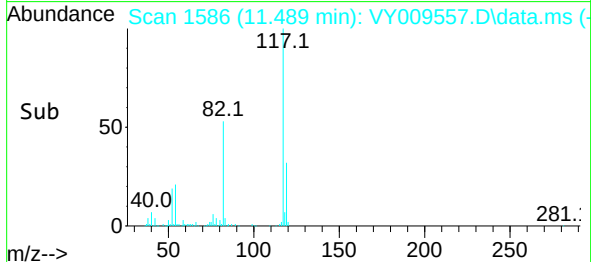
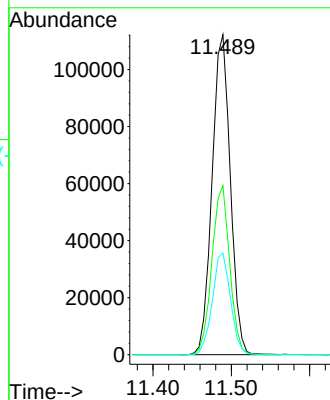
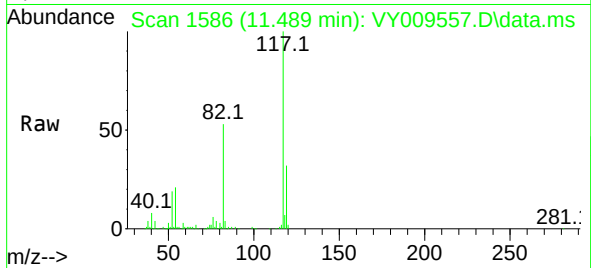




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009557.D
Acq: 13 Jul 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-361

Tgt Ion:117 Resp: 181621
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 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: VY009557.D
Acq: 13 Jul 2022 14:37

Tgt Ion:152 Resp: 85209
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 153.3 0.0 347.6

