

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069459.D
 Acq On : 16 Jun 2021 11:35
 Operator : VA/SY
 Sample : M2691-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-357

Quant Time: Jun 17 02:46:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	223825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	418869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	411926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	171223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	119565	47.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.914	113	141926	45.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.338	98	526927	45.921	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.626	95	155671	42.281	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.560%

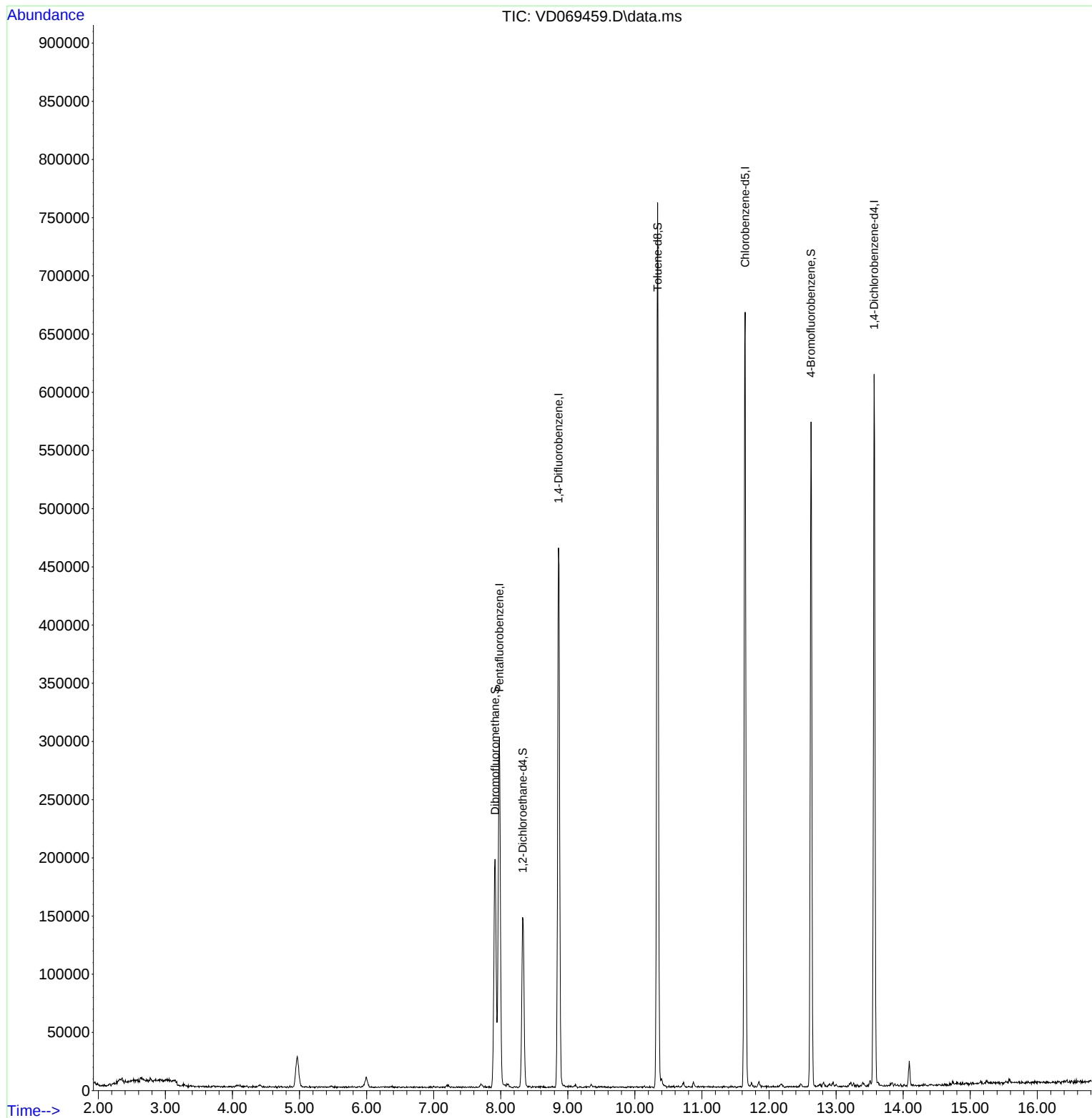
Target Compounds	Qvalue

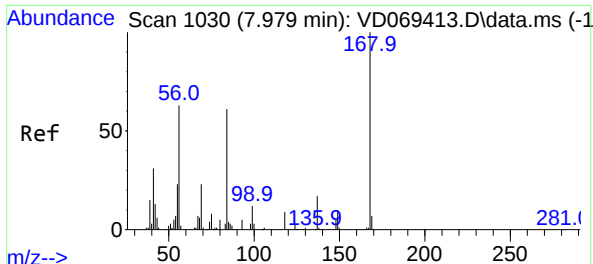
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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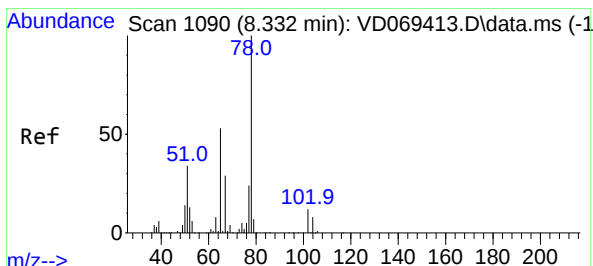
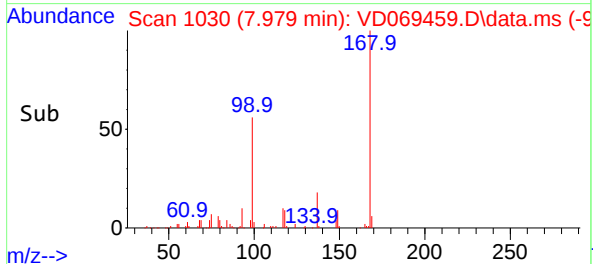
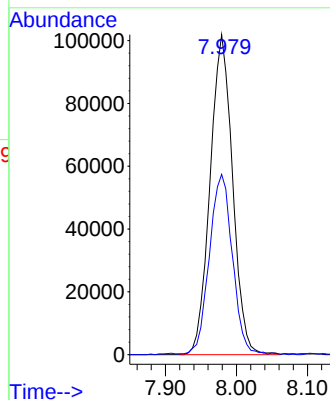
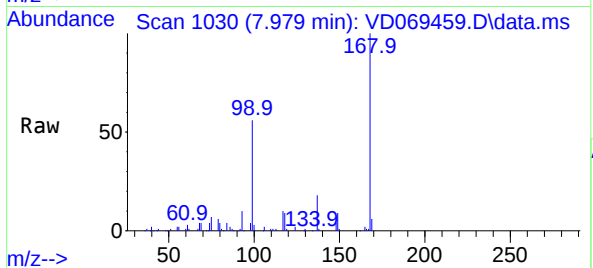




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

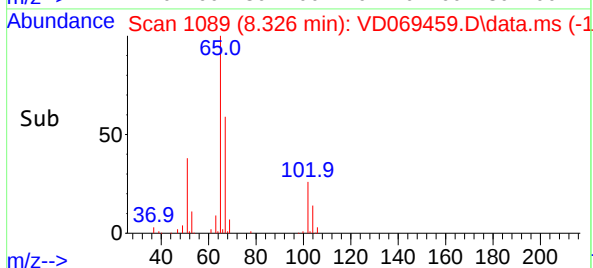
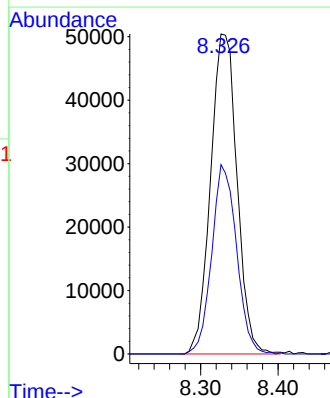
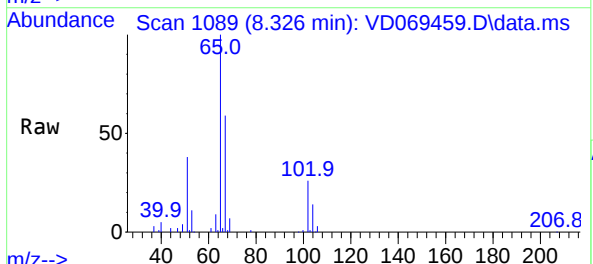
Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-357

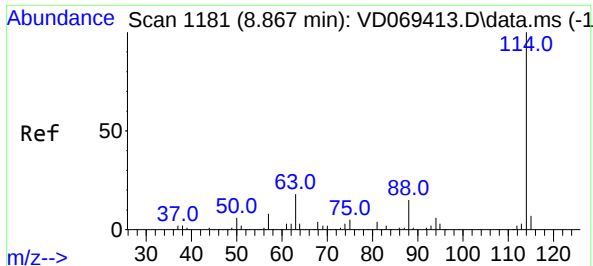
Tgt Ion:168 Resp: 223825
 Ion Ratio Lower Upper
 168 100
 99 56.1 46.2 69.2



1,2-Dichloroethane-d4
 Concen: 47.351 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069459.D
 Acq: 16 Jun 2021 11:35

Tgt Ion: 65 Resp: 119565
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.8



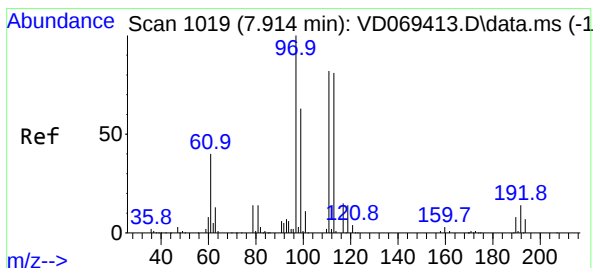
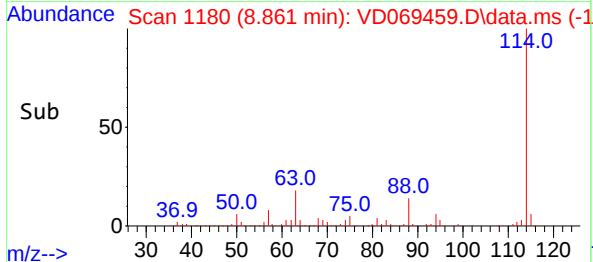
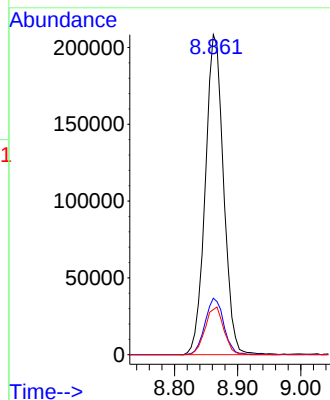
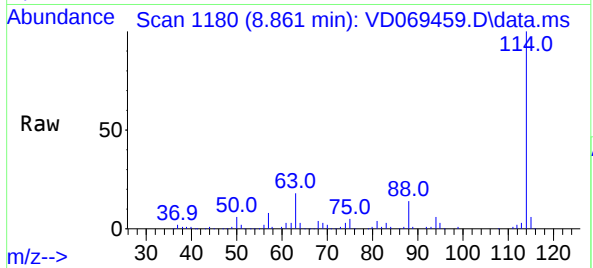


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Instrument :
MSVOA_D
ClientSampleId :
ETGI-357

Tgt Ion:114 Resp: 418869

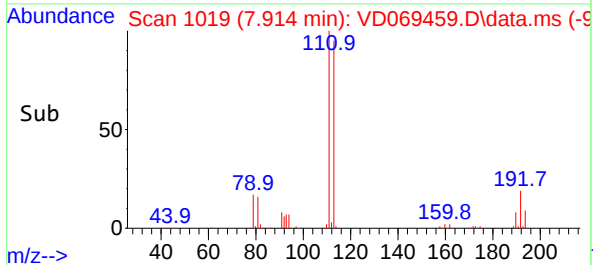
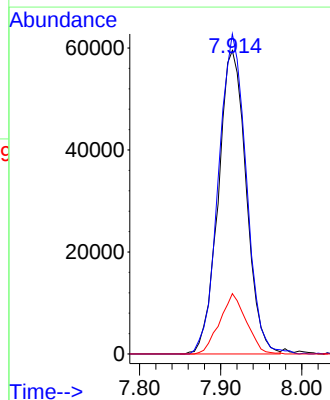
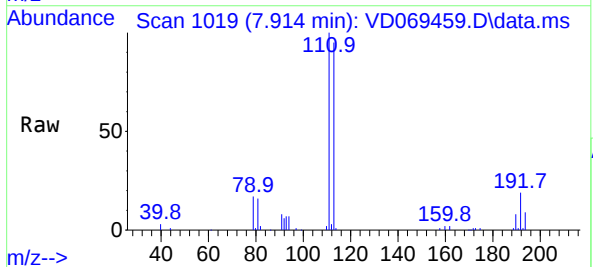
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.6
88	14.1	0.0	31.2

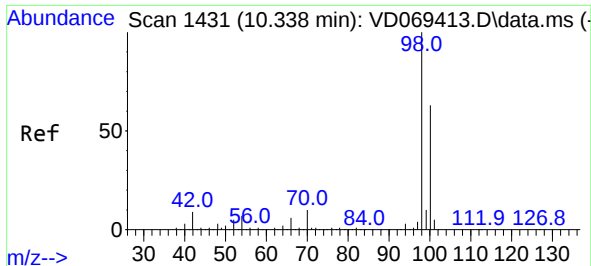


#35
Dibromofluoromethane
Concen: 45.238 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion:113 Resp: 141926

Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.0	124.6
192	18.9	15.1	22.7

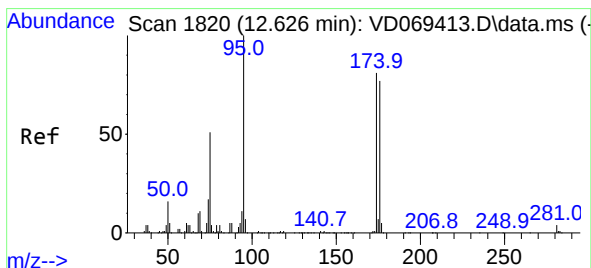
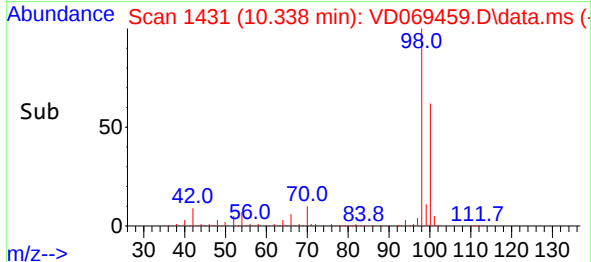
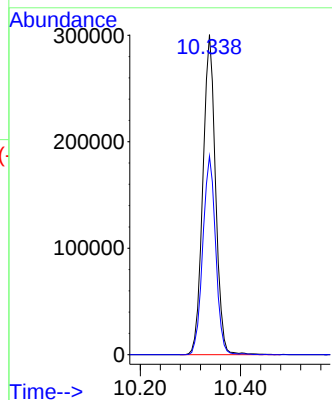
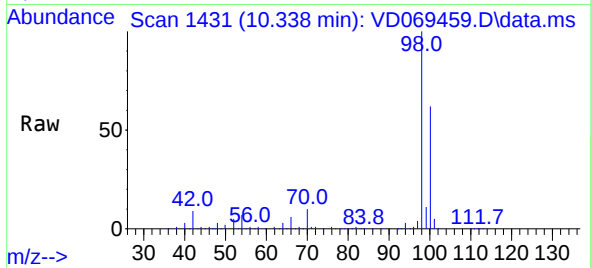




#50
Toluene-d8
Concen: 45.921 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

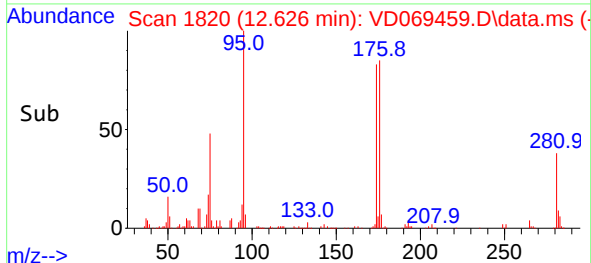
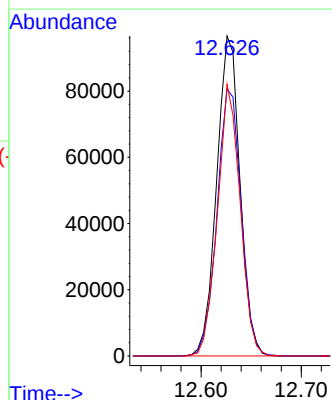
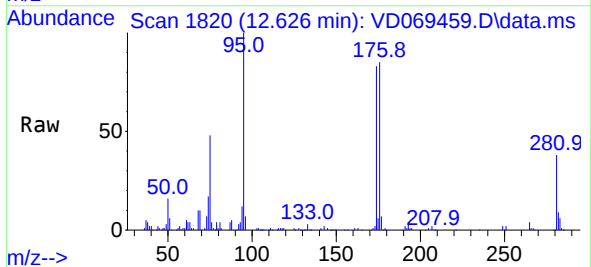
Instrument :
MSVOA_D
ClientSampleId :
ETGI-357

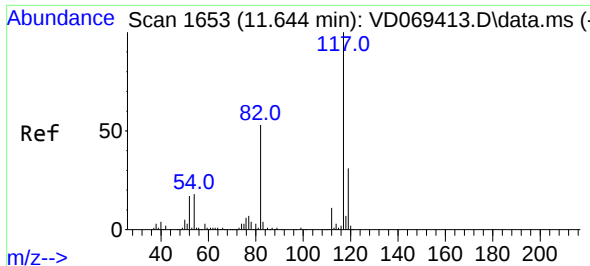
Tgt Ion: 98 Resp: 526927
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.281 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion: 95 Resp: 155671
Ion Ratio Lower Upper
95 100
174 86.9 0.0 162.8
176 82.6 0.0 154.4

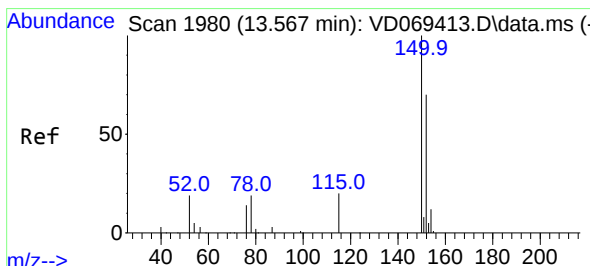
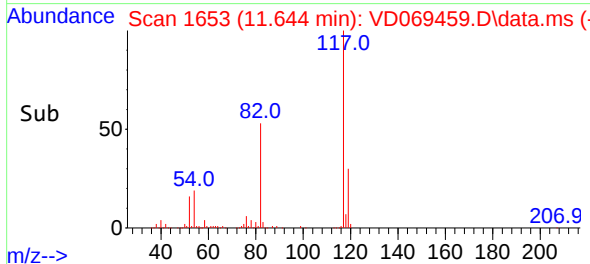
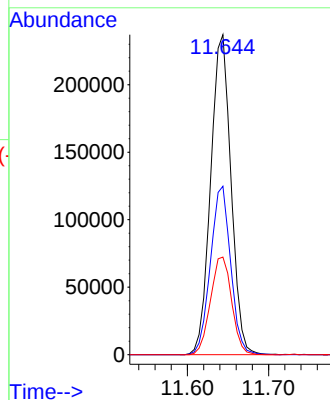
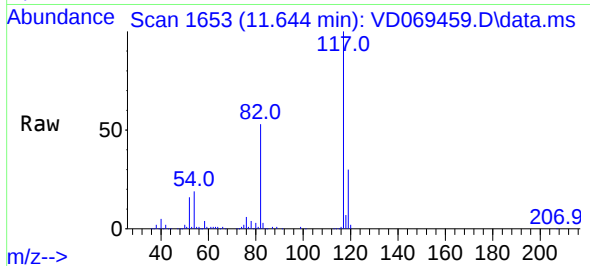




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Instrument :
MSVOA_D
ClientSampleId :
ETGI-357

Tgt Ion:	117	Resp:	411926
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.3	64.9
119	30.5	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069459.D
Acq: 16 Jun 2021 11:35

Tgt Ion:	152	Resp:	171223
Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.4	88.3
150	156.9	0.0	355.0

