

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071354.D
 Acq On : 15 Dec 2021 20:38
 Operator : VA/SY
 Sample : M5097-01
 Misc : 4.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-371

Quant Time: Dec 16 04:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	297519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	520316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	595389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154989	44.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.800%
35) Dibromofluoromethane	7.914	113	160309	48.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.332	98	668915	53.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.626	95	299127	68.439	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.880%

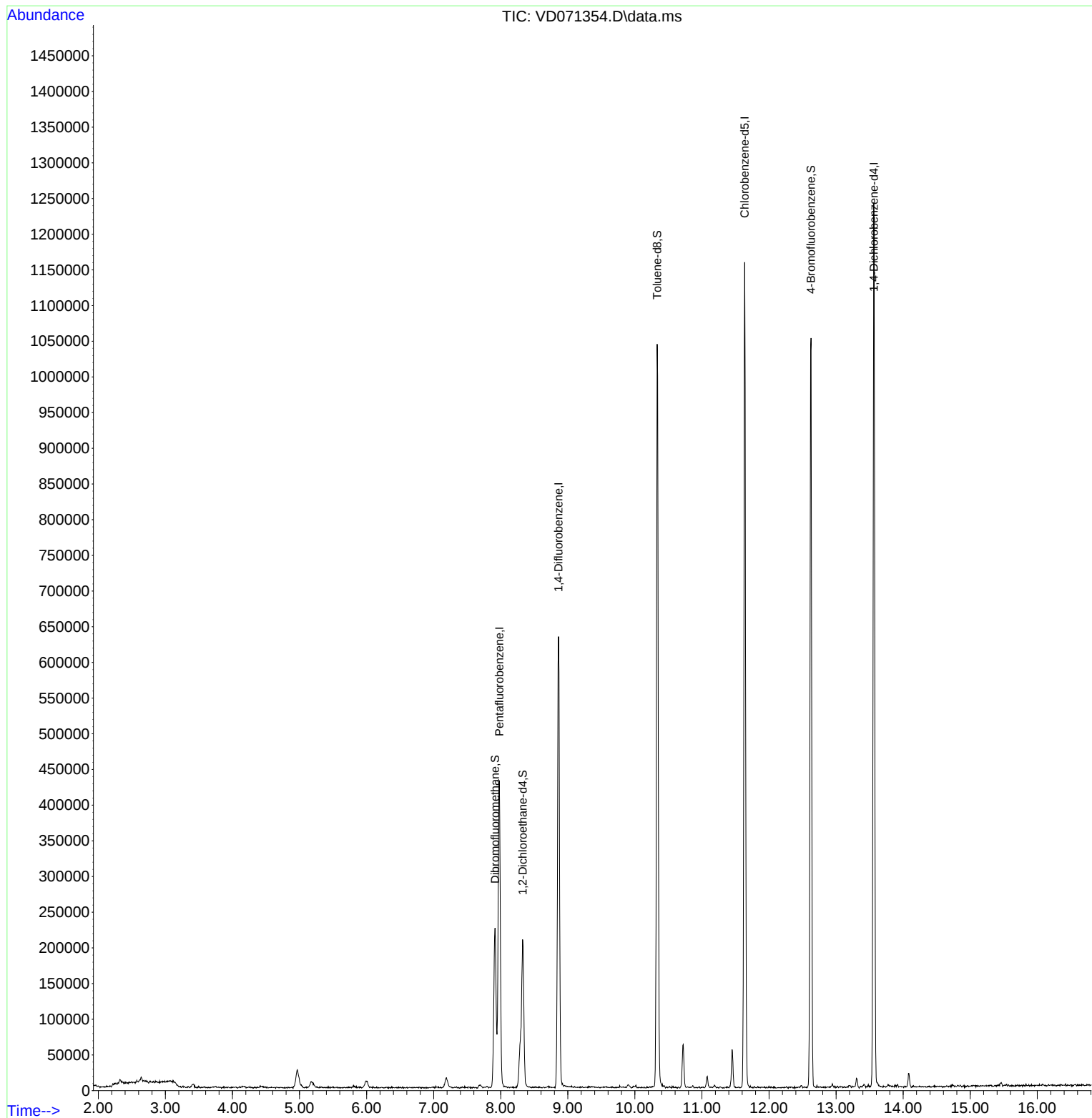
Target Compounds	Qvalue

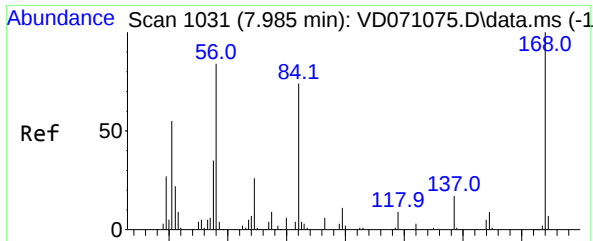
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071354.D

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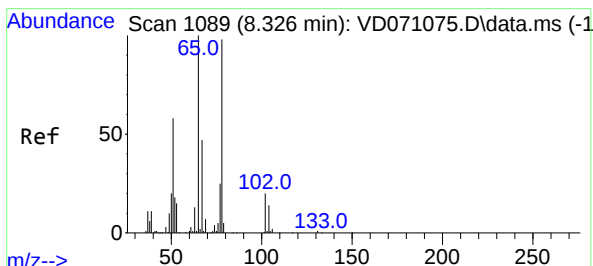
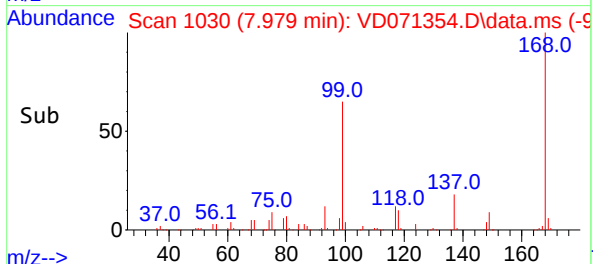
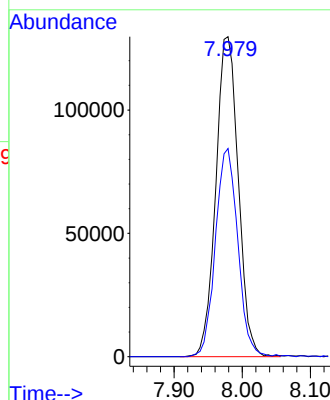
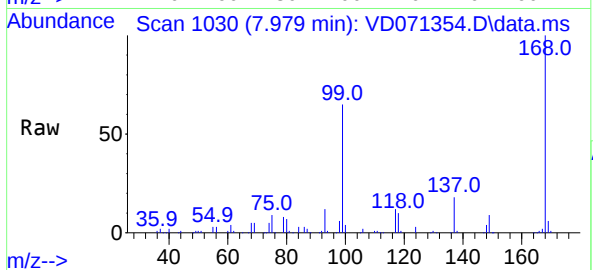
ETGI-371

Tgt Ion:168 Resp: 297519

Ion Ratio Lower Upper

168 100

99 65.0 46.6 69.8



1,2-Dichloroethane-d4

Concen: 44.396 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071354.D

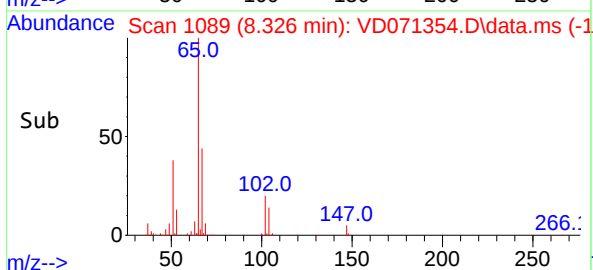
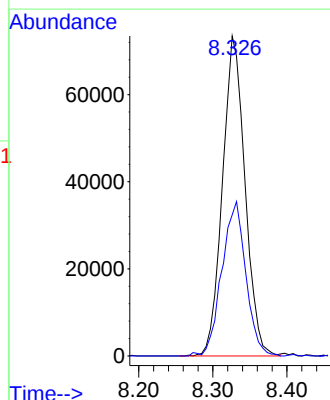
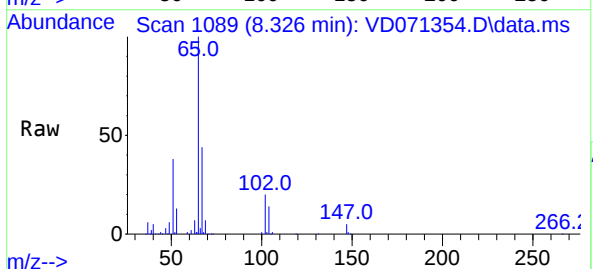
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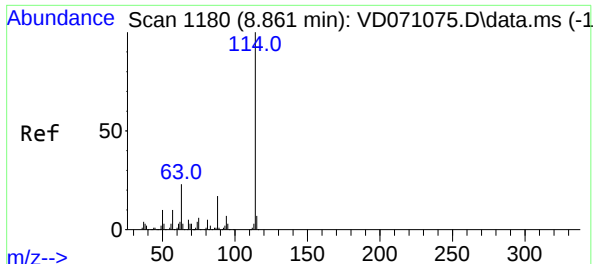
Tgt Ion: 65 Resp: 154989

Ion Ratio Lower Upper

65 100

67 51.3 0.0 112.2

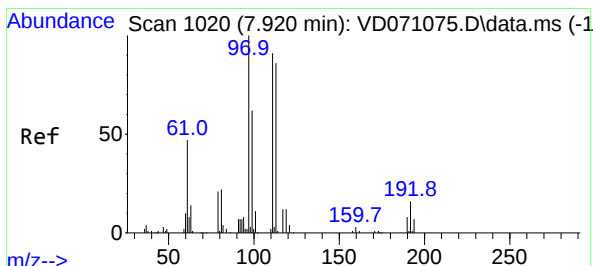
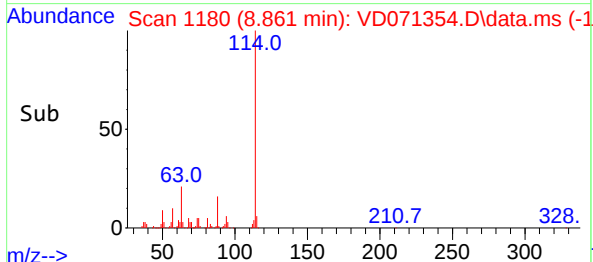
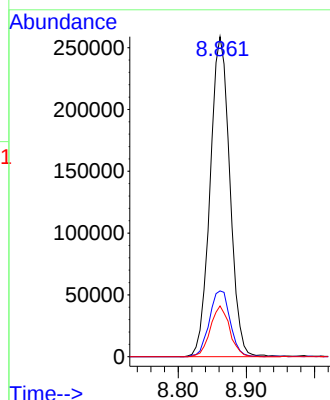
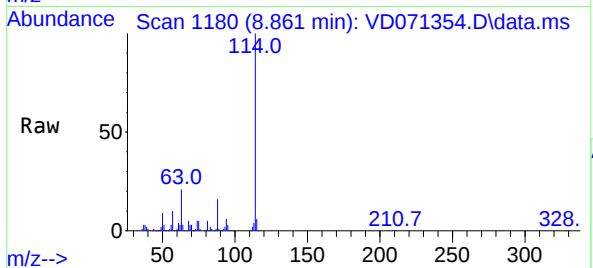




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

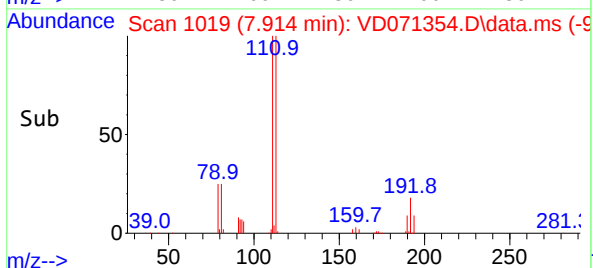
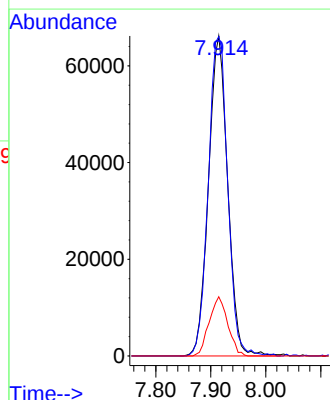
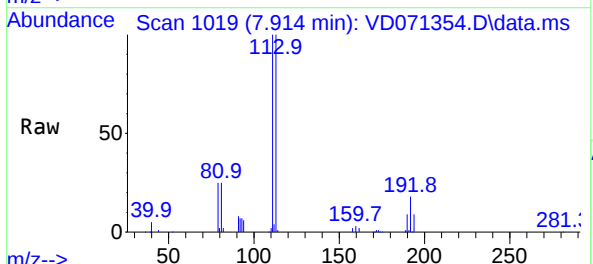
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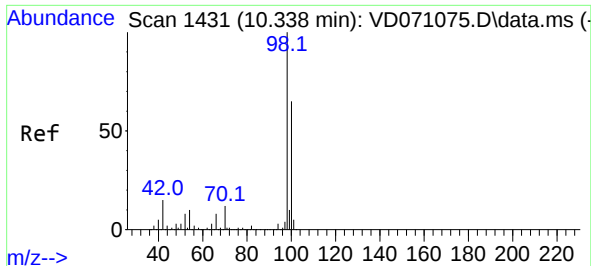
Tgt Ion:114 Resp: 520316
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.383 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

Tgt Ion:113 Resp: 160309
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 18.0 15.2 22.8

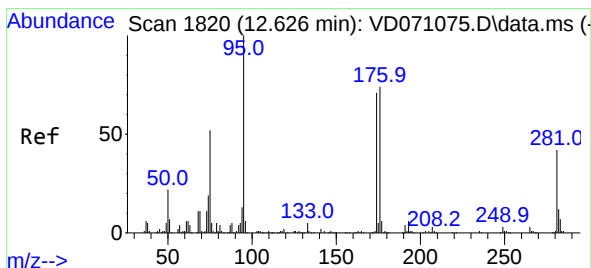
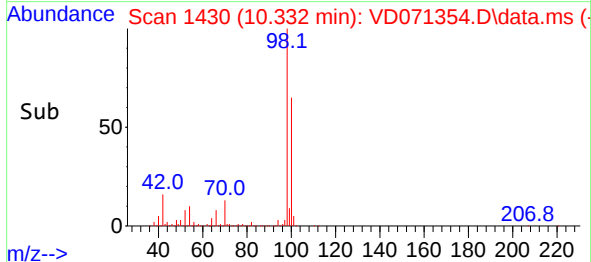
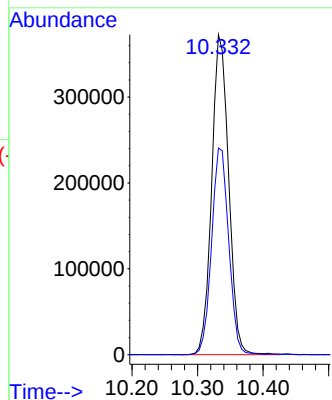
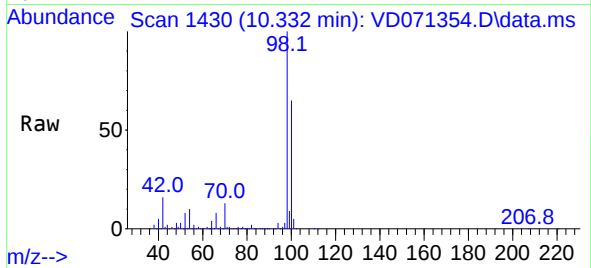




#50
Toluene-d8
Concen: 53.051 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

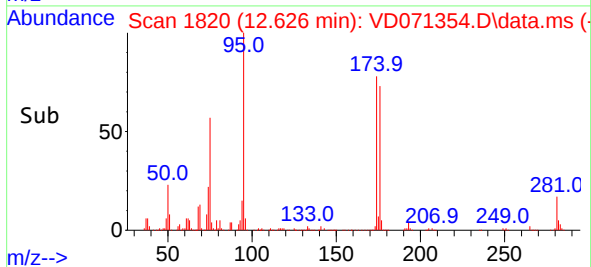
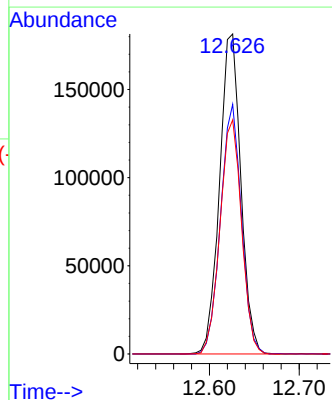
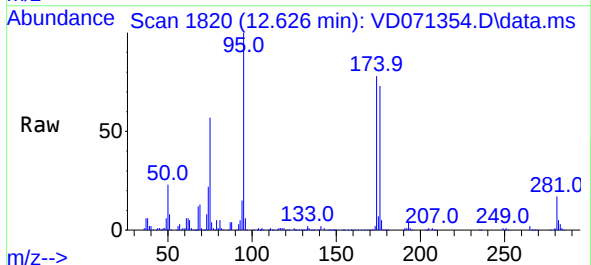
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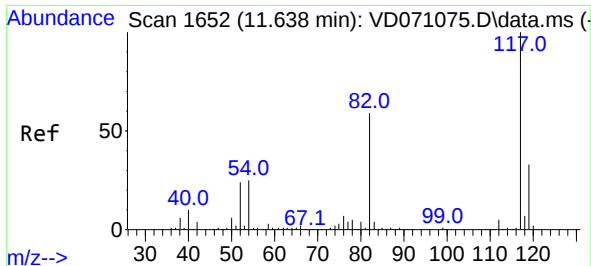
Tgt Ion: 98 Resp: 668915
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.439 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

Tgt Ion: 95 Resp: 299127
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 73.8 0.0 154.0

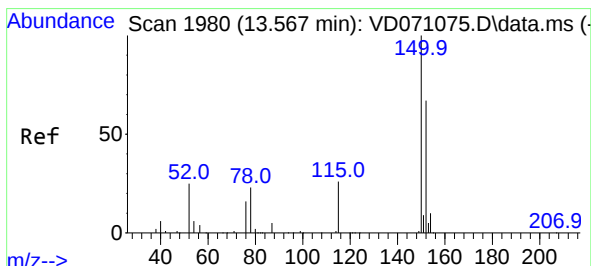
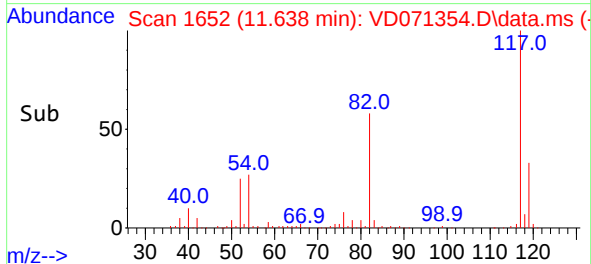
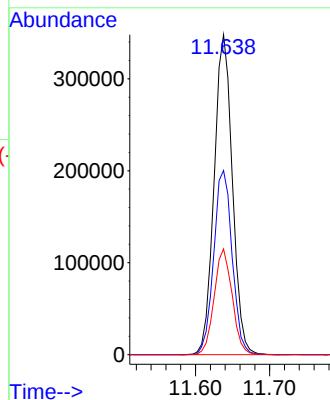
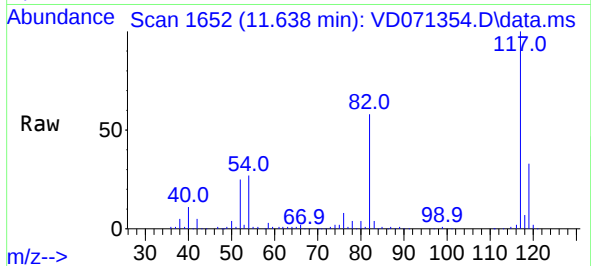




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

Instrument :
MSVOA_D
ClientSampleId :
ETGI-371

Tgt Ion:117 Resp: 595389
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 33.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071354.D
Acq: 15 Dec 2021 20:38

Tgt Ion:152 Resp: 299118
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 158.0 0.0 349.2

