

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071800.D
 Acq On : 27 Jan 2022 14:30
 Operator : VA/SY
 Sample : N1272-01
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-348

Quant Time: Jan 28 07:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	499419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	933179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	825178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	303049	48.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.914	113	294891	48.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.338	98	1167976	50.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.626	95	361726	45.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%

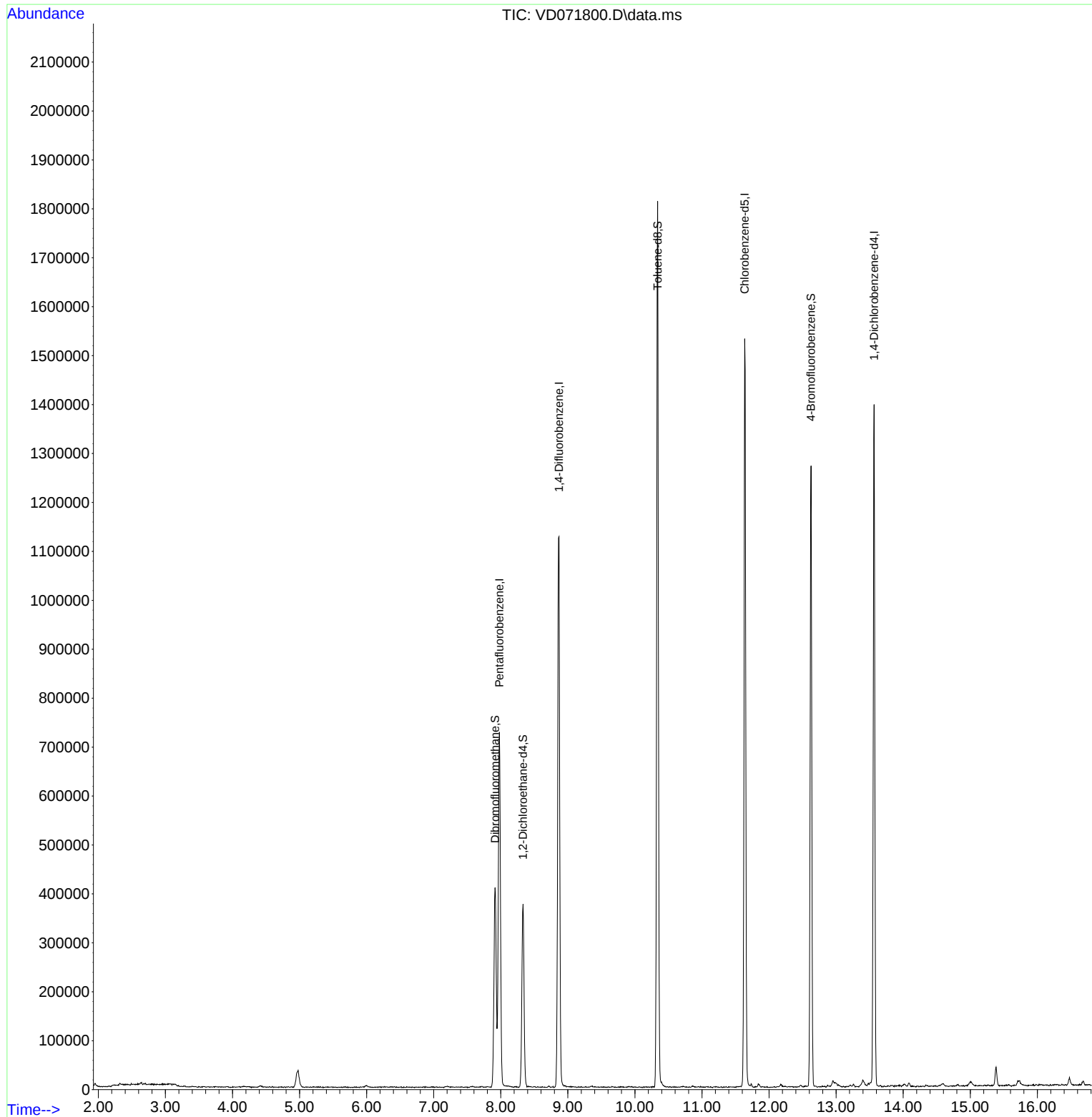
Target Compounds	Qvalue

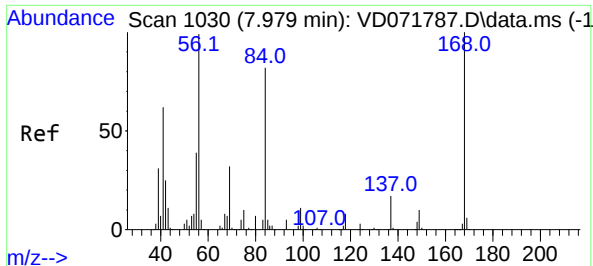
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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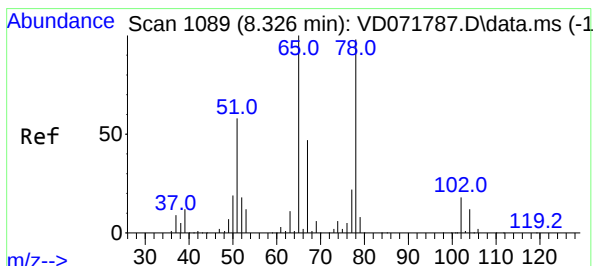
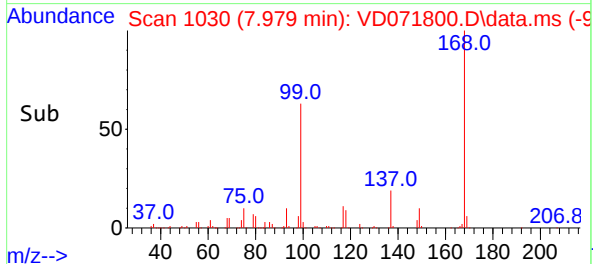
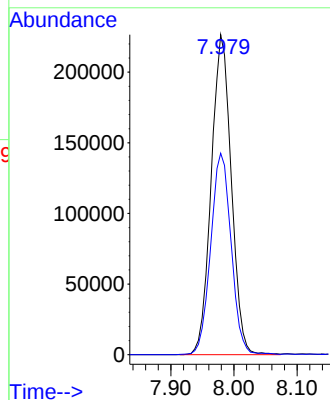
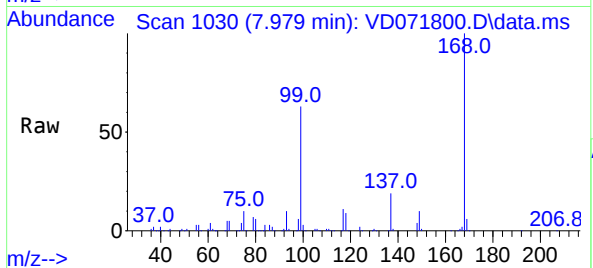




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

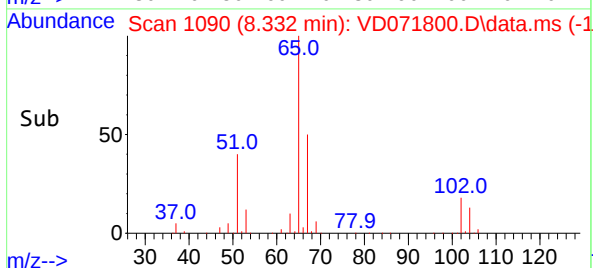
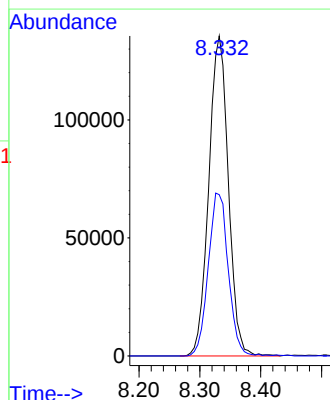
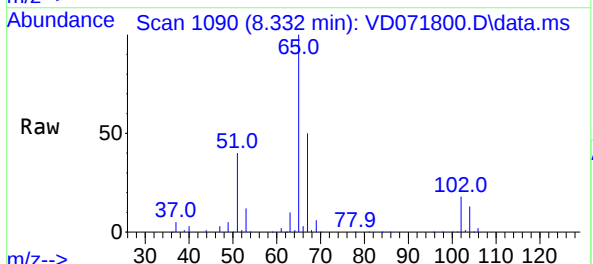
Instrument :
MSVOA_D
ClientSampleId :
ETGI-348

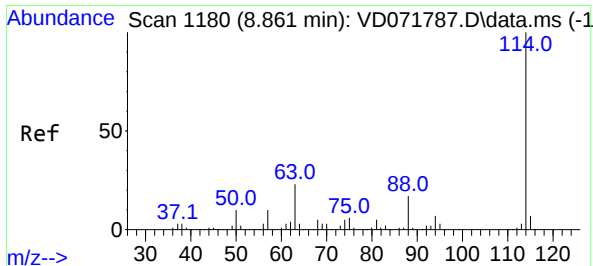
Tgt Ion:168 Resp: 499419
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.009 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

Tgt Ion: 65 Resp: 303049
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071800.D

Acq: 27 Jan 2022 14:30

Instrument :

MSVOA_D

ClientSampleId :

ETGI-348

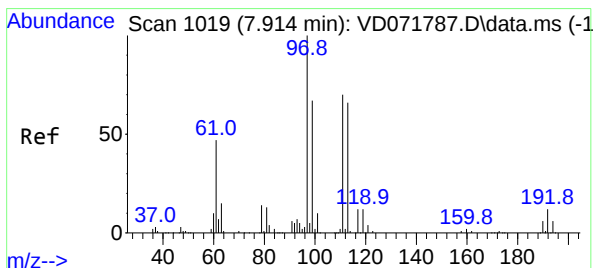
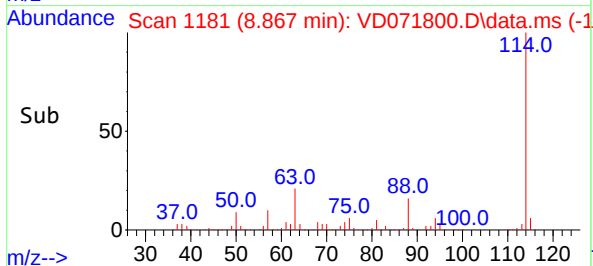
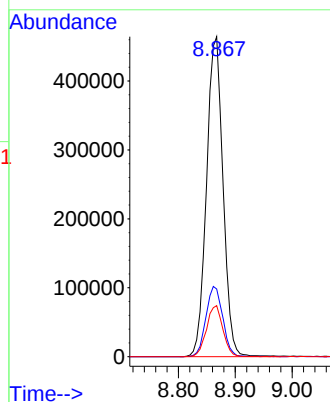
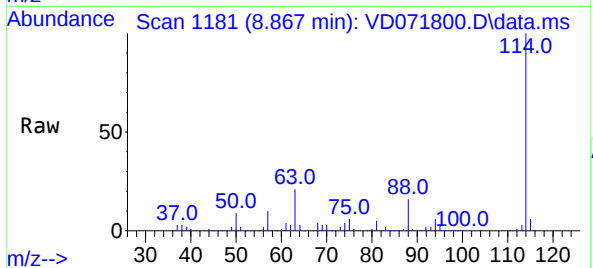
Tgt Ion:114 Resp: 933179

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.074 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071800.D

Acq: 27 Jan 2022 14:30

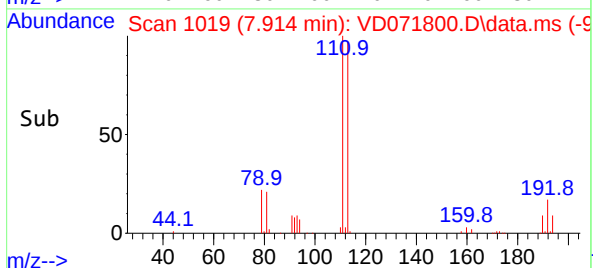
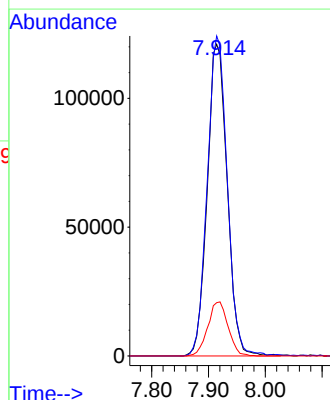
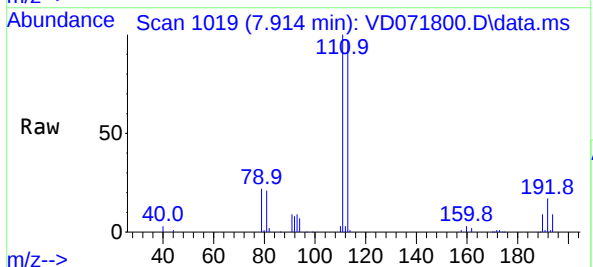
Tgt Ion:113 Resp: 294891

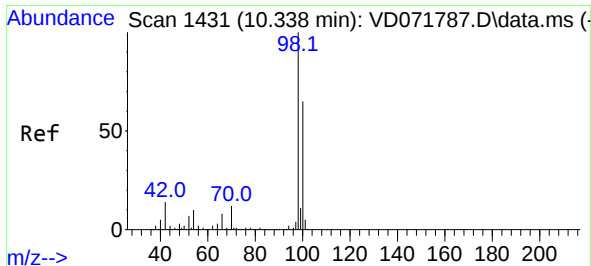
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.6 14.6 21.8

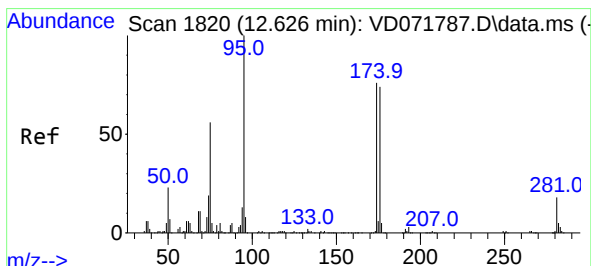
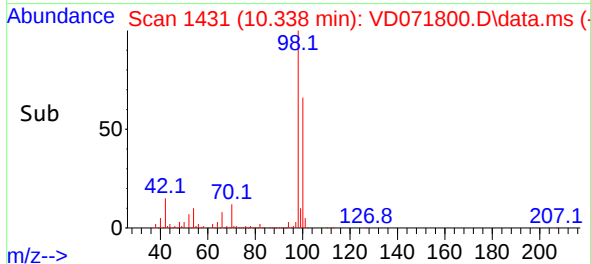
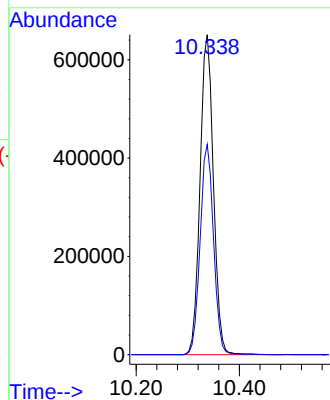
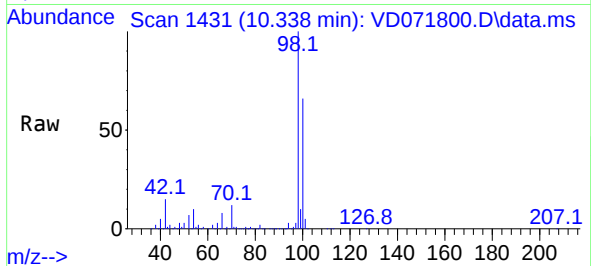




#50
Toluene-d8
Concen: 50.984 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

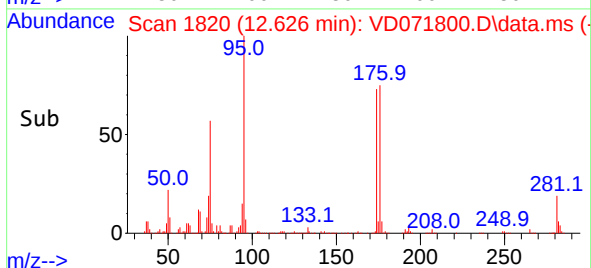
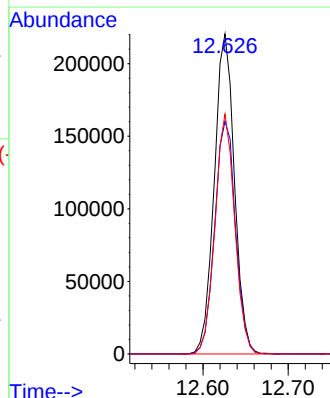
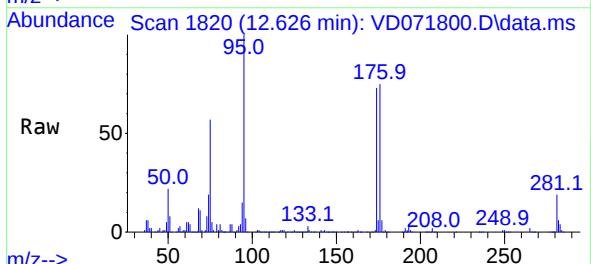
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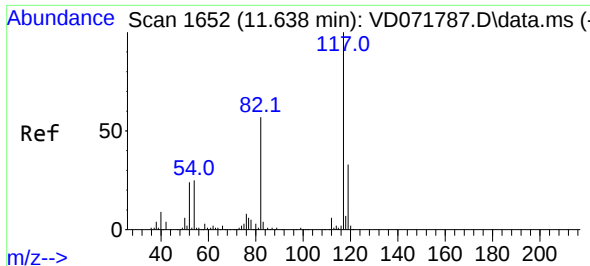
Tgt Ion: 98 Resp: 1167976
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.216 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

Tgt Ion: 95 Resp: 361726
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 73.4 0.0 145.4

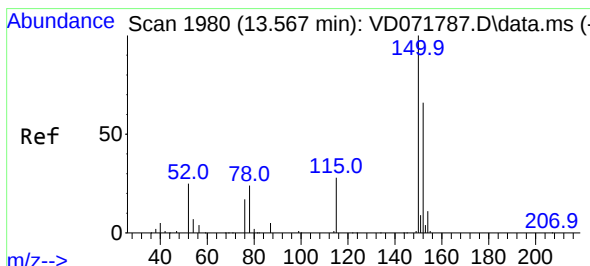
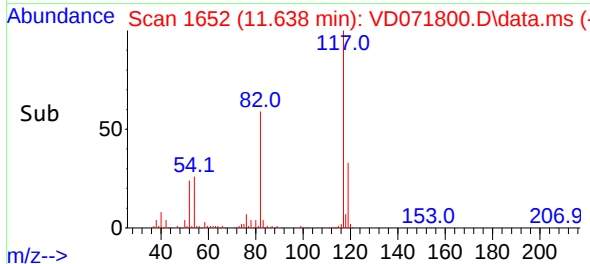
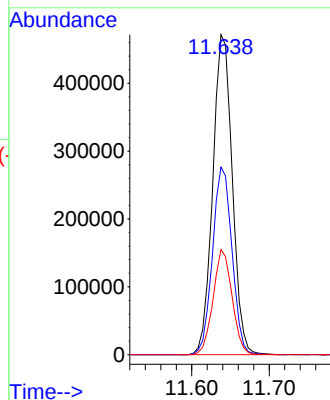
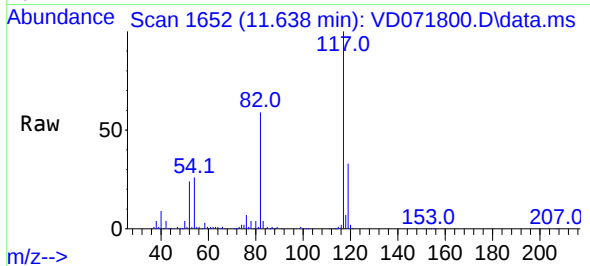




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

Instrument :
MSVOA_D
ClientSampleId :
ETGI-348

Tgt Ion:117 Resp: 825178
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071800.D
Acq: 27 Jan 2022 14:30

Tgt Ion:152 Resp: 338977
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 156.7 0.0 348.6

