

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070849.D
 Acq On : 26 Oct 2021 19:25
 Operator : VA/SY
 Sample : M4356-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-282

Quant Time: Oct 27 06:23:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	41330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	67193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	75944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	32638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37537	90.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.600%#	
35) Dibromofluoromethane	7.920	113	26085	58.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.760%	
50) Toluene-d8	10.332	98	88397	53.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.620	95	29419	53.494	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.980%	

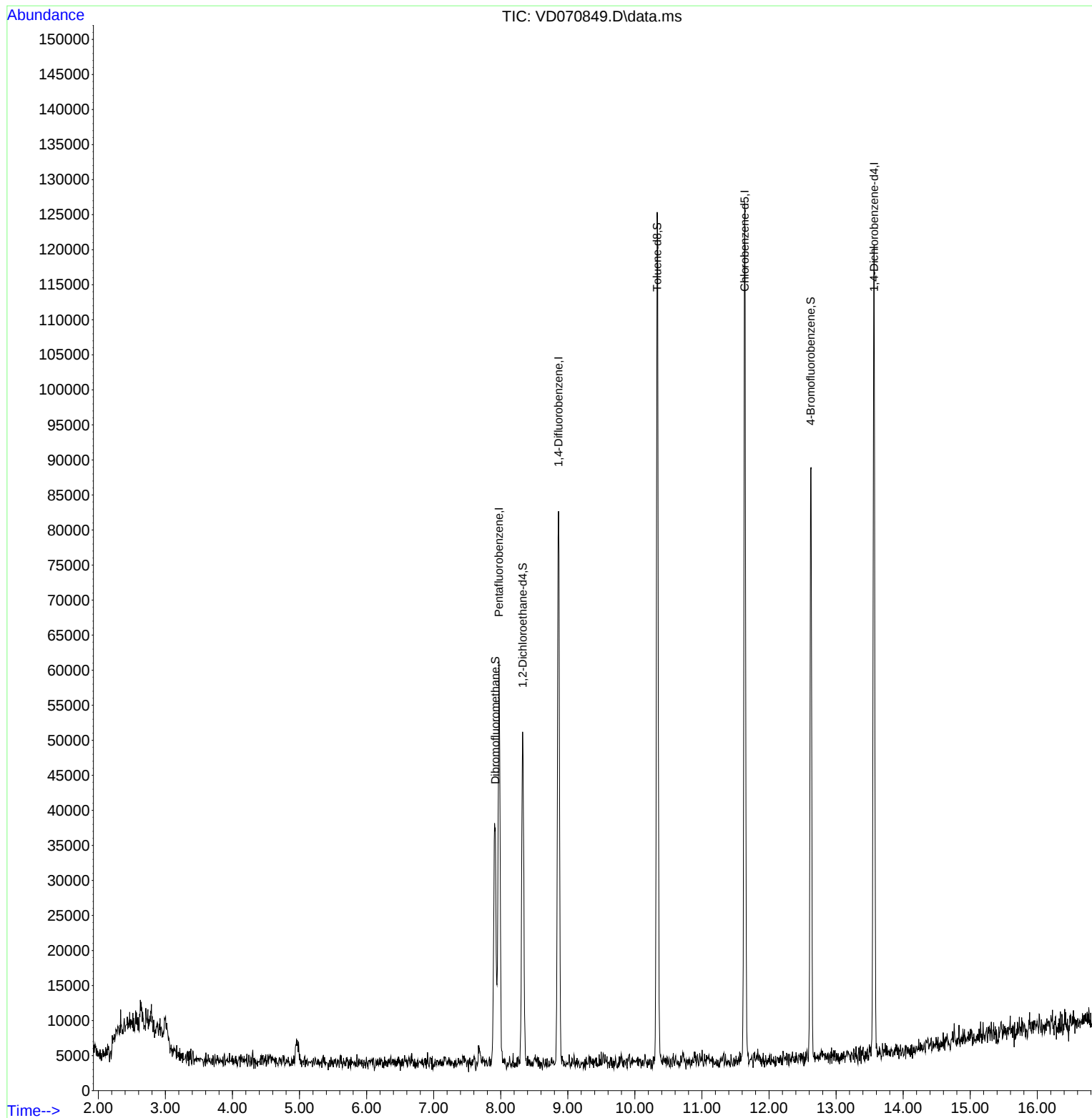
Target Compounds Qvalue

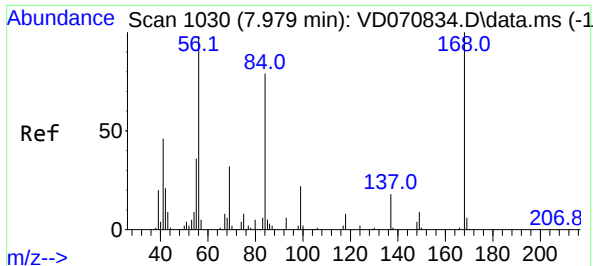
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070849.D

Acq: 26 Oct 2021 19:25

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MSVOA_D

ClientSampleId :

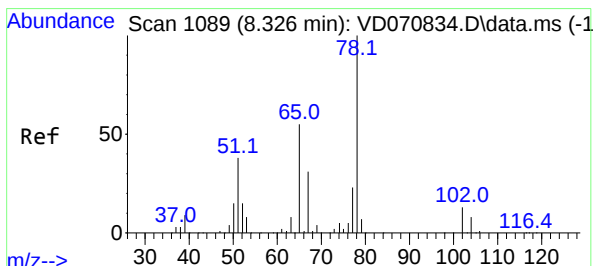
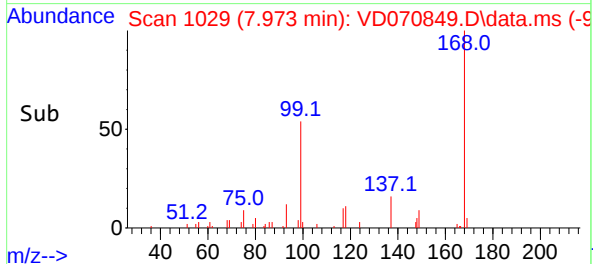
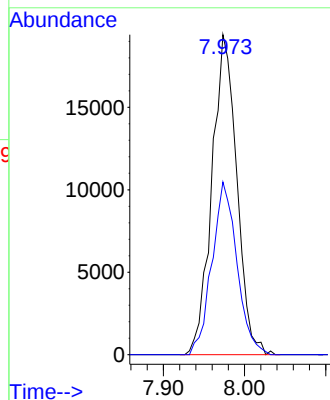
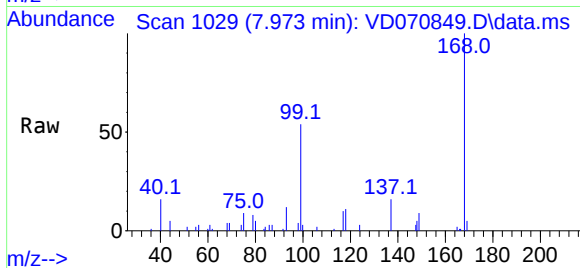
ETGI-282

Tgt Ion:168 Resp: 41330

Ion Ratio Lower Upper

168 100

99 53.9 46.6 69.8



1,2-Dichloroethane-d4

Concen: 90.303 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070849.D

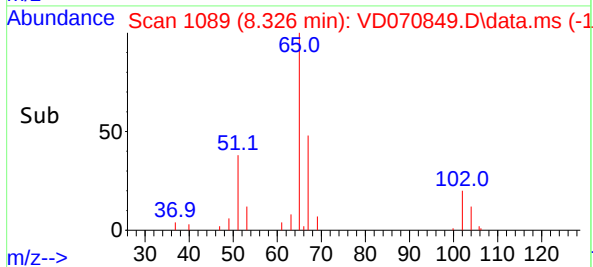
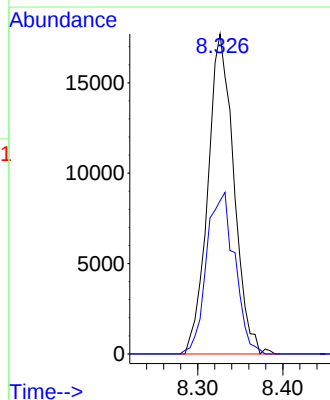
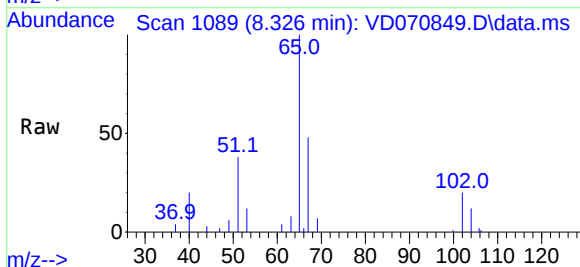
Acq: 26 Oct 2021 19:25

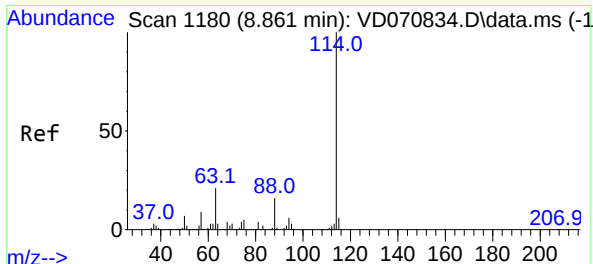
Tgt Ion: 65 Resp: 37537

Ion Ratio Lower Upper

65 100

67 54.7 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: VD070849.D

Acq: 26 Oct 2021 19:25

Instrument :

MSVOA_D

ClientSampleId :

ETGI-282

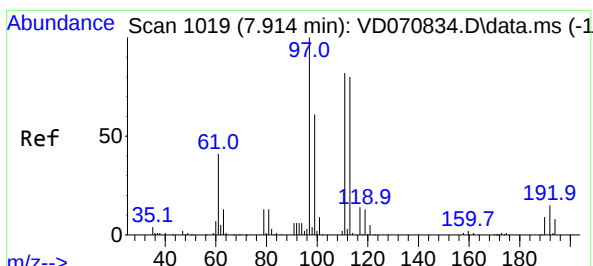
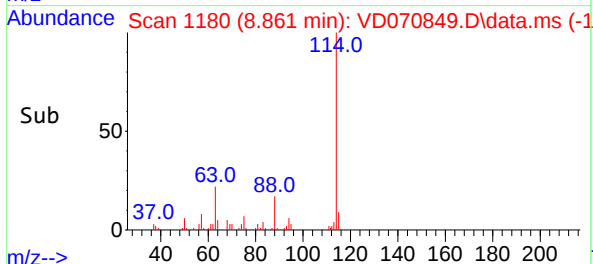
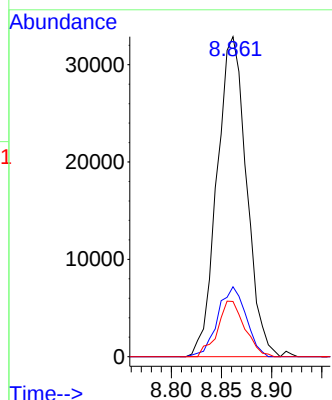
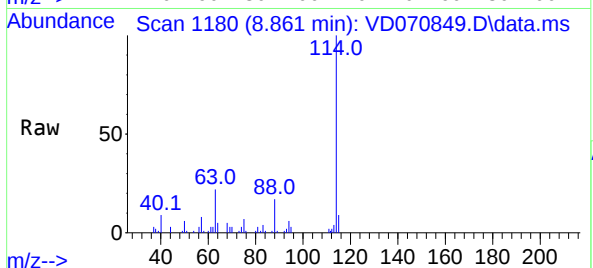
Tgt Ion:114 Resp: 67193

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 17.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 58.878 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD070849.D

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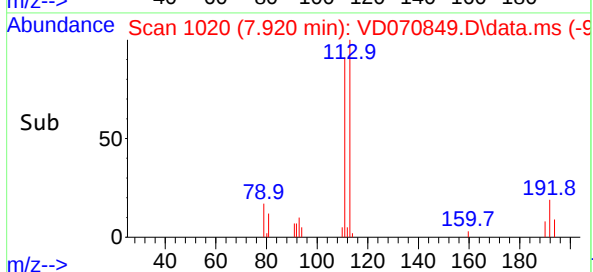
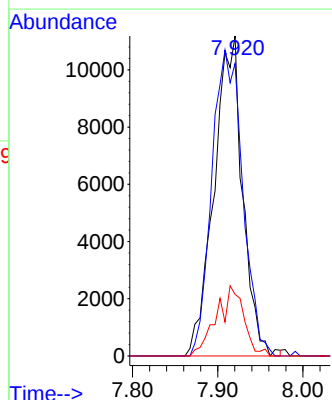
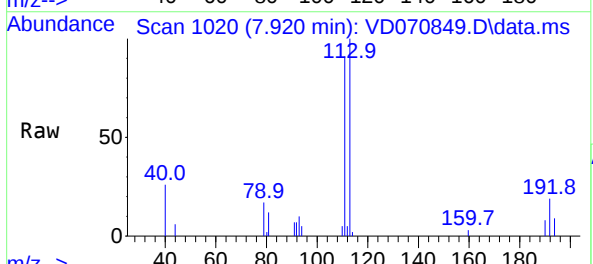
Tgt Ion:113 Resp: 26085

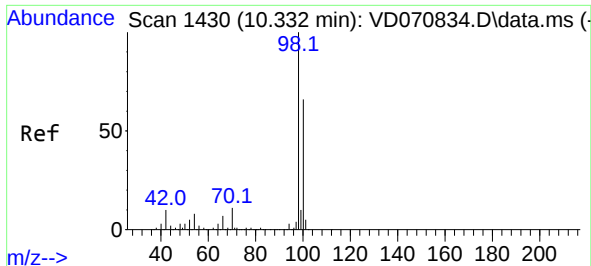
Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 21.0 15.2 22.8

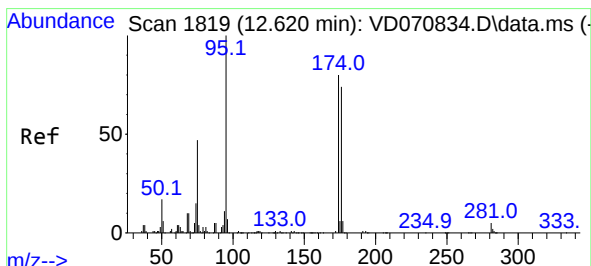
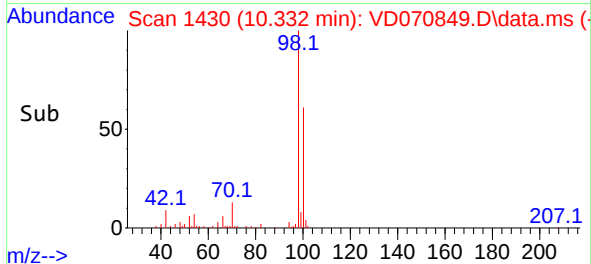
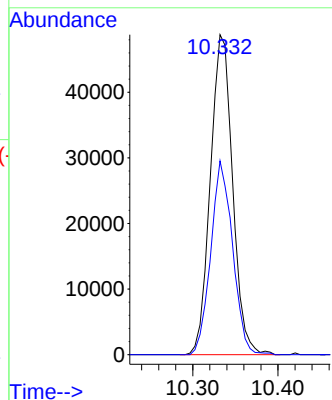
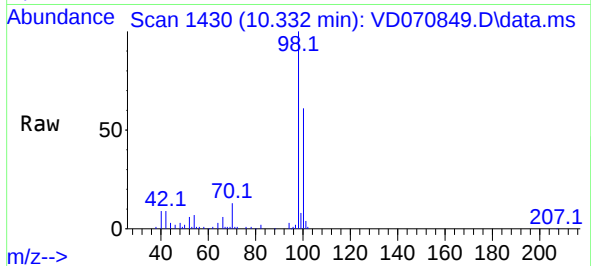




#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070849.D
Acq: 26 Oct 2021 19:25

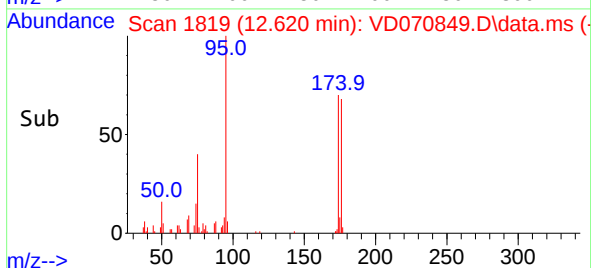
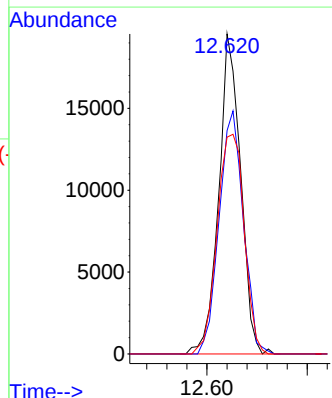
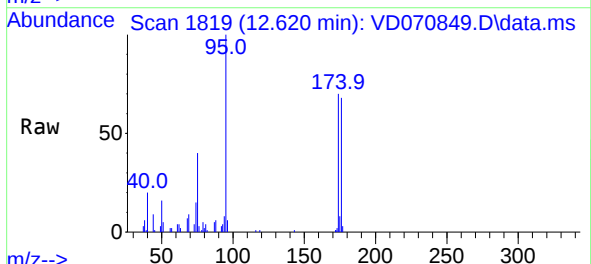
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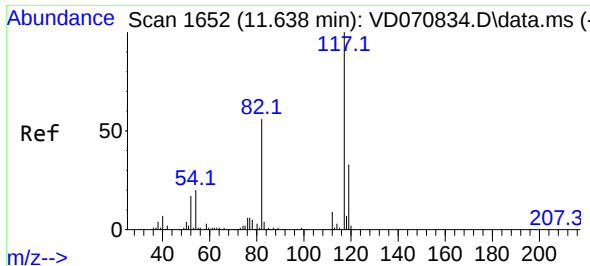
Tgt Ion: 98 Resp: 88397
Ion Ratio Lower Upper
98 100
100 59.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.494 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070849.D
Acq: 26 Oct 2021 19:25

Tgt Ion: 95 Resp: 29419
Ion Ratio Lower Upper
95 100
174 84.5 0.0 159.4
176 85.3 0.0 154.0

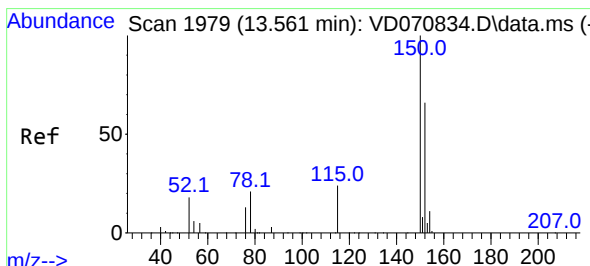
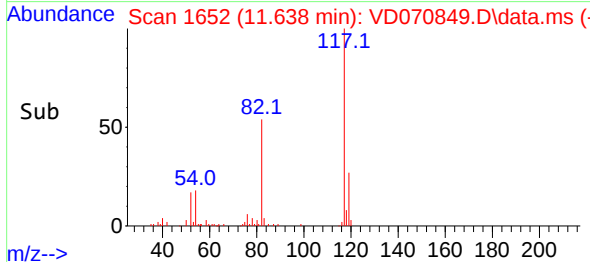
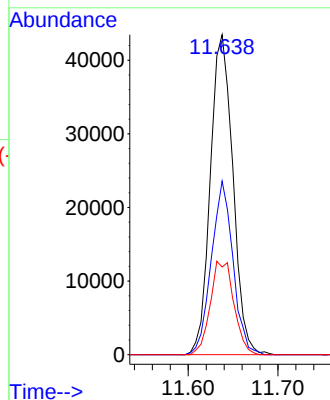
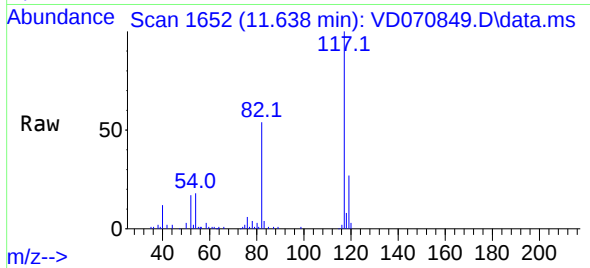




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070849.D
Acq: 26 Oct 2021 19:25

Instrument :
MSVOA_D
ClientSampleId :
ETGI-282

Tgt Ion:117 Resp: 75944
Ion Ratio Lower Upper
117 100
82 54.2 44.7 67.1
119 27.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070849.D
Acq: 26 Oct 2021 19:25

Tgt Ion:152 Resp: 32638
Ion Ratio Lower Upper
152 100
115 62.4 29.8 89.3
150 157.1 0.0 349.2

