

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078374.D
 Acq On : 08 Feb 2024 17:29
 Operator : RP/MD
 Sample : P1413-04
 Misc : 5.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-347

Quant Time: Feb 09 03:12:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	55226	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	116410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	134017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39867	58.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.620%
35) Dibromofluoromethane	7.804	113	42083	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.269	98	145923	46.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.569	95	53550	56.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.980%

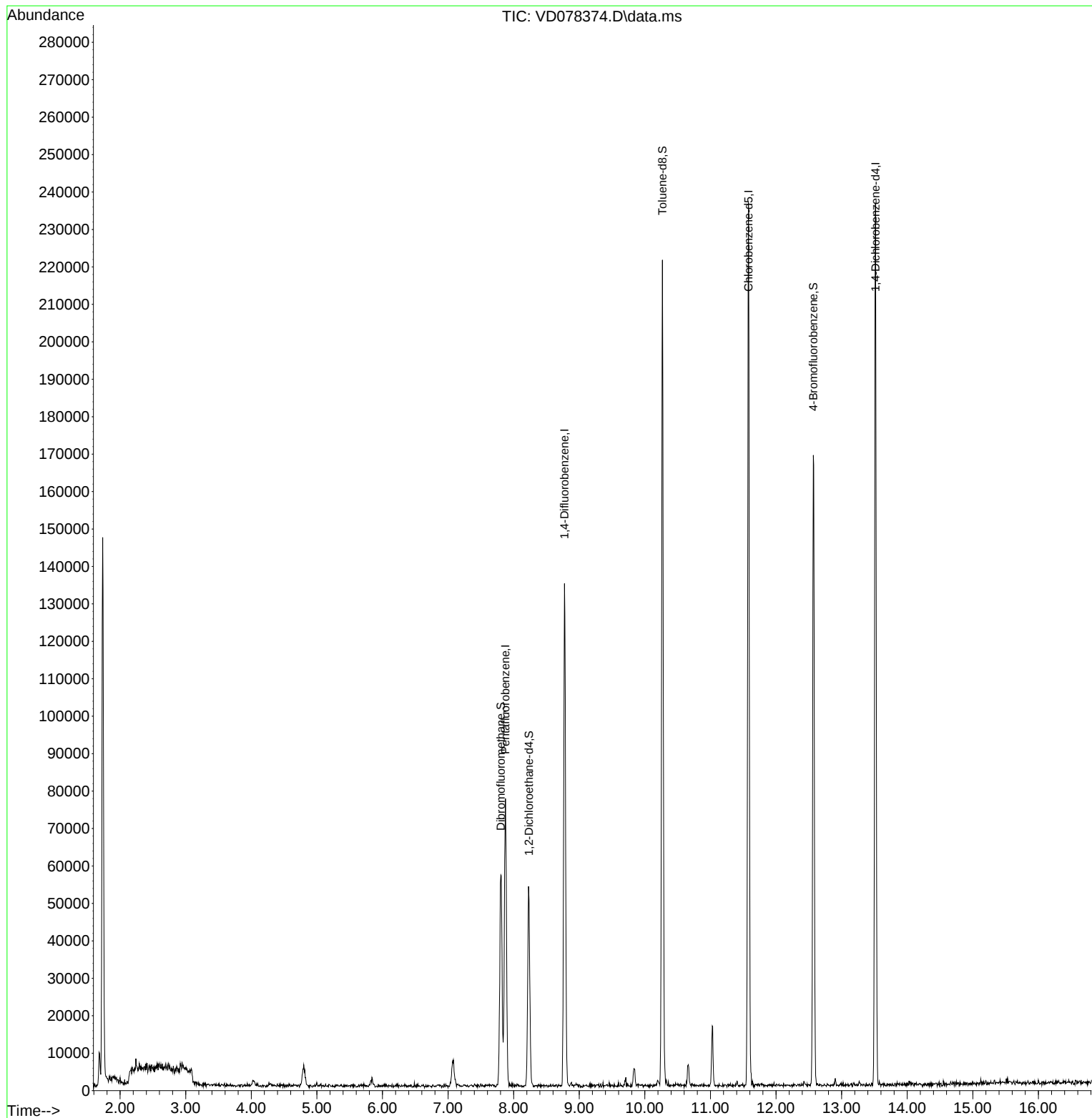
Target Compounds	Qvalue

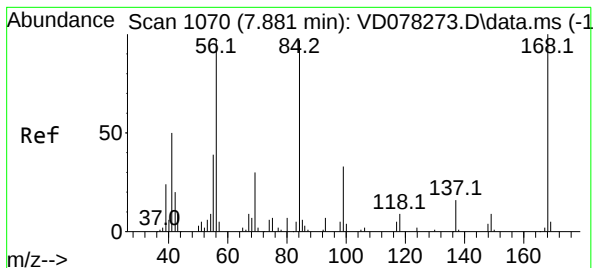
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1106

Delta R.T. -0.006 min

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Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

ClientSampleId :

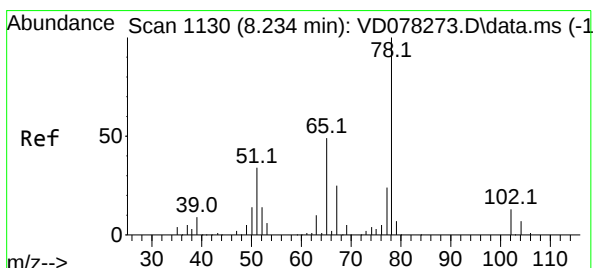
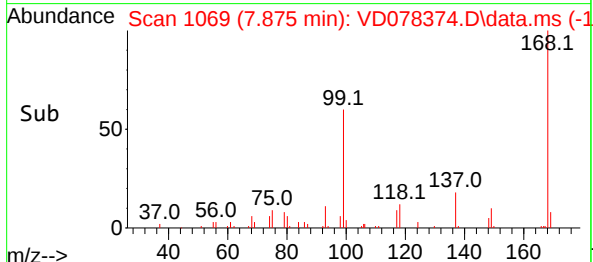
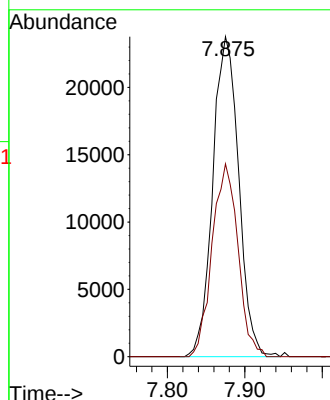
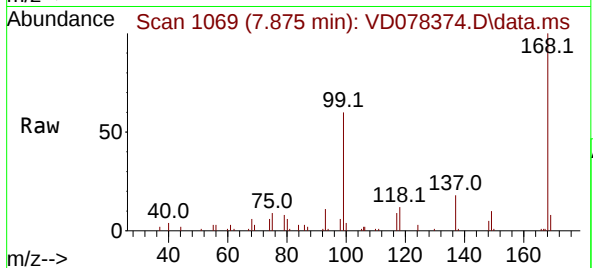
ETGI-347

Tgt Ion:168 Resp: 55226

Ion Ratio Lower Upper

168 100

99 60.3 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 58.314 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078374.D

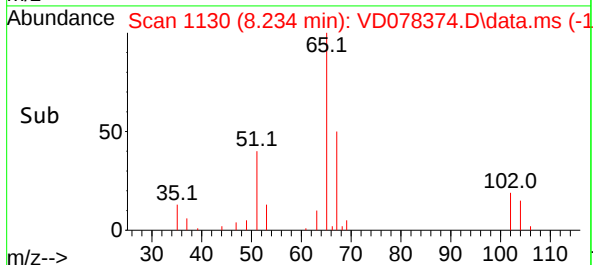
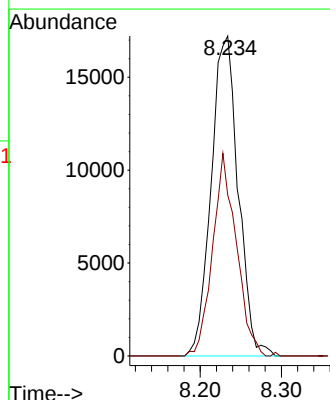
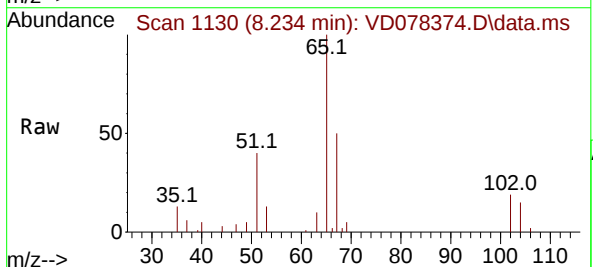
Acq: 08 Feb 2024 17:29

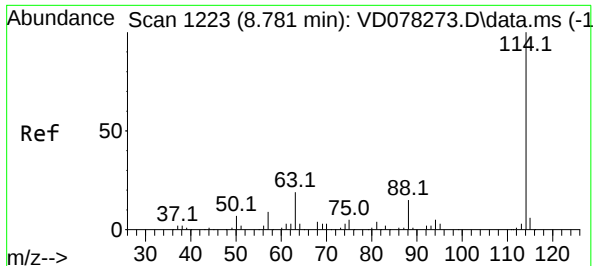
Tgt Ion: 65 Resp: 39867

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

ClientSampleId :

ETGI-347

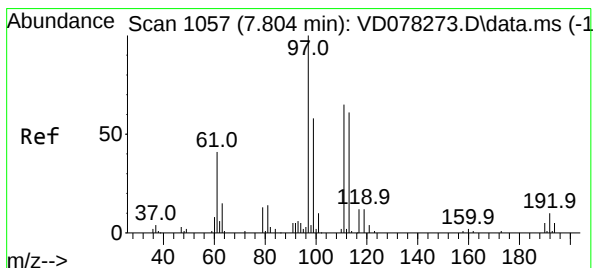
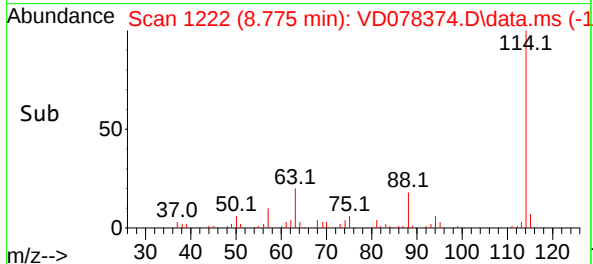
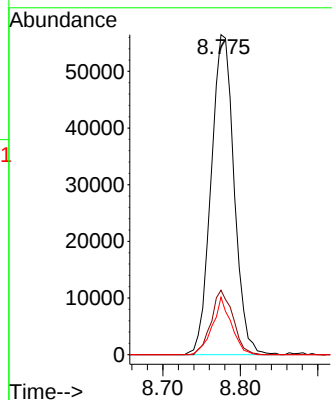
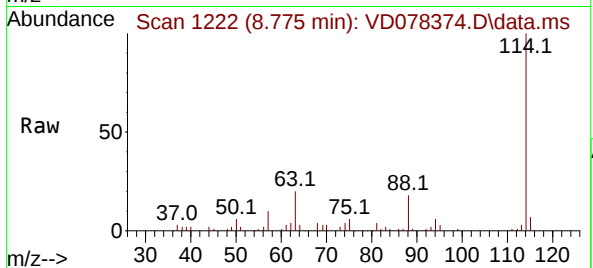
Tgt Ion:114 Resp: 116410

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 18.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

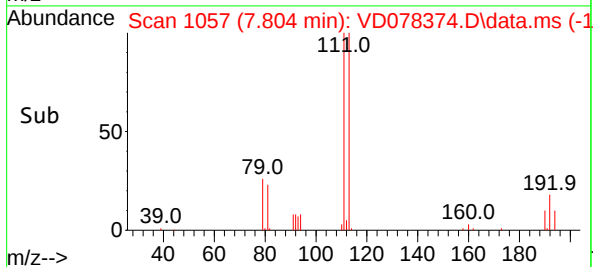
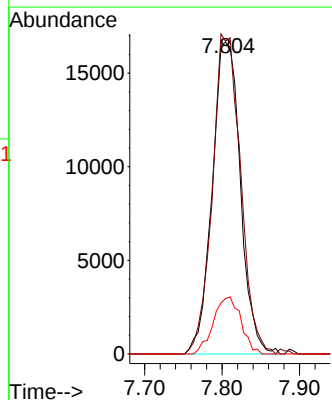
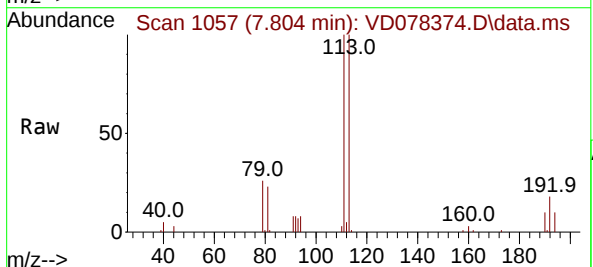
Tgt Ion:113 Resp: 42083

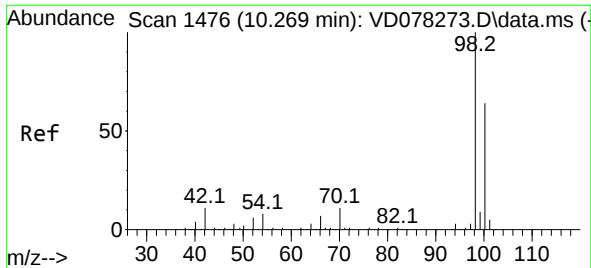
Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 17.9 16.8 25.2

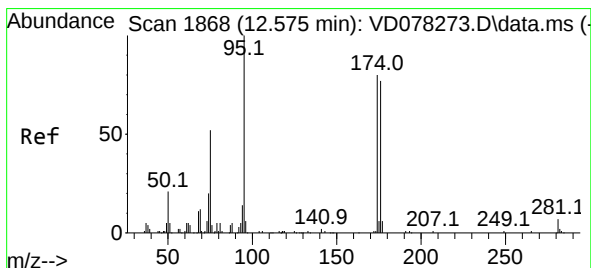
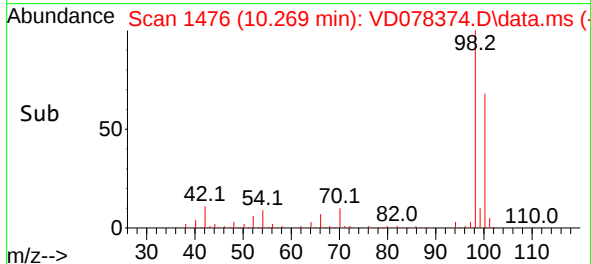
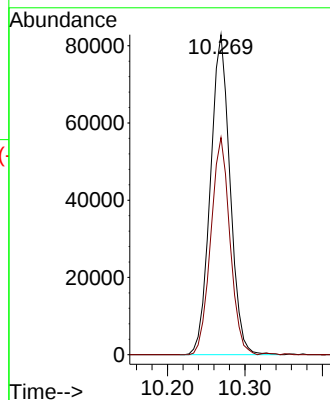
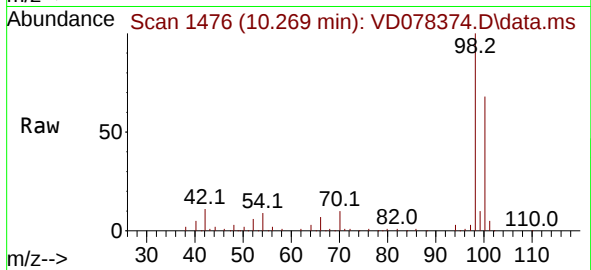




#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

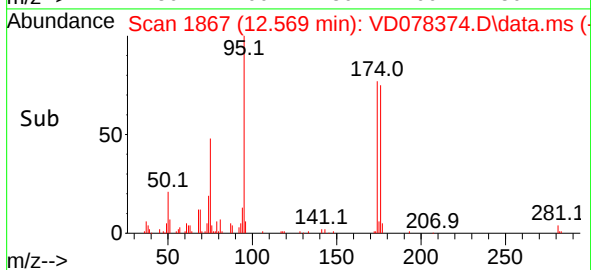
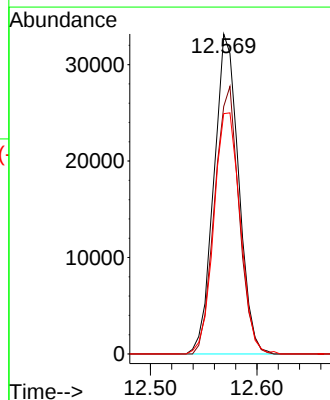
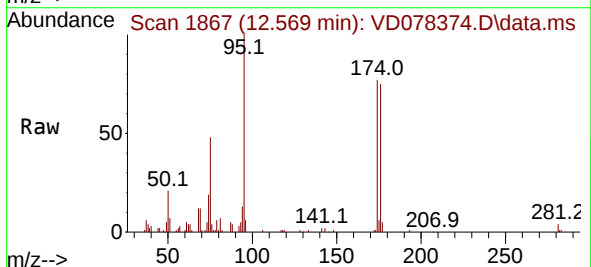
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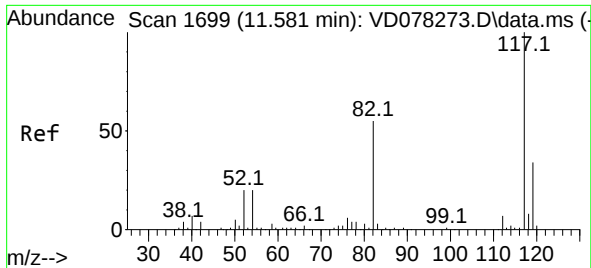
Tgt Ion: 98 Resp: 145923
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.989 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Tgt Ion: 95 Resp: 53550
Ion Ratio Lower Upper
95 100
174 82.4 0.0 201.8
176 80.2 0.0 191.8

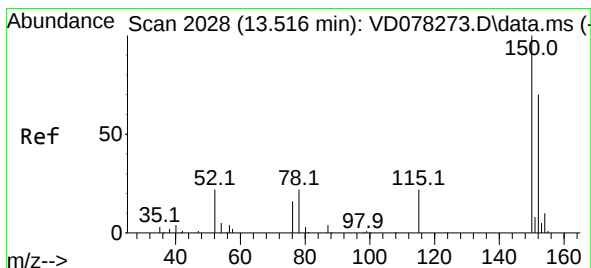
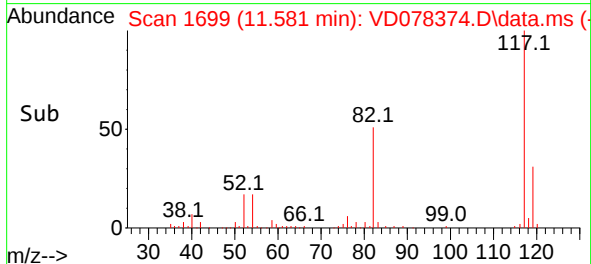
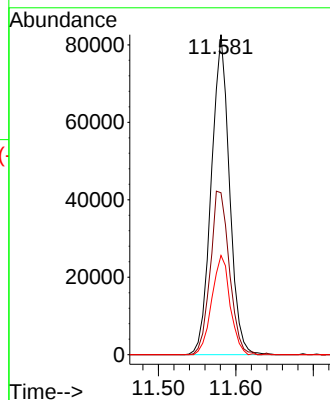
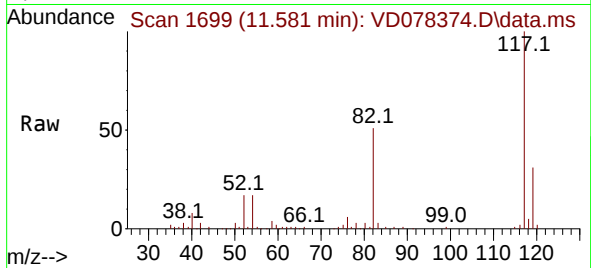




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Instrument :
MSVOA_D
ClientSampleId :
ETGI-347

Tgt Ion:117 Resp: 134017
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Tgt Ion:152 Resp: 62152
Ion Ratio Lower Upper
152 100
115 60.7 27.1 81.3
150 156.0 0.0 353.6

