

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077491.D
 Acq On : 02 Nov 2023 15:44
 Operator : JC/SY
 Sample : 05213-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-293

Quant Time: Nov 03 01:04:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	11090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	23019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	24265	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12066	76.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.880%
35) Dibromofluoromethane	7.805	113	8588	53.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.275	98	31523	51.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.575	95	11633	55.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.780%

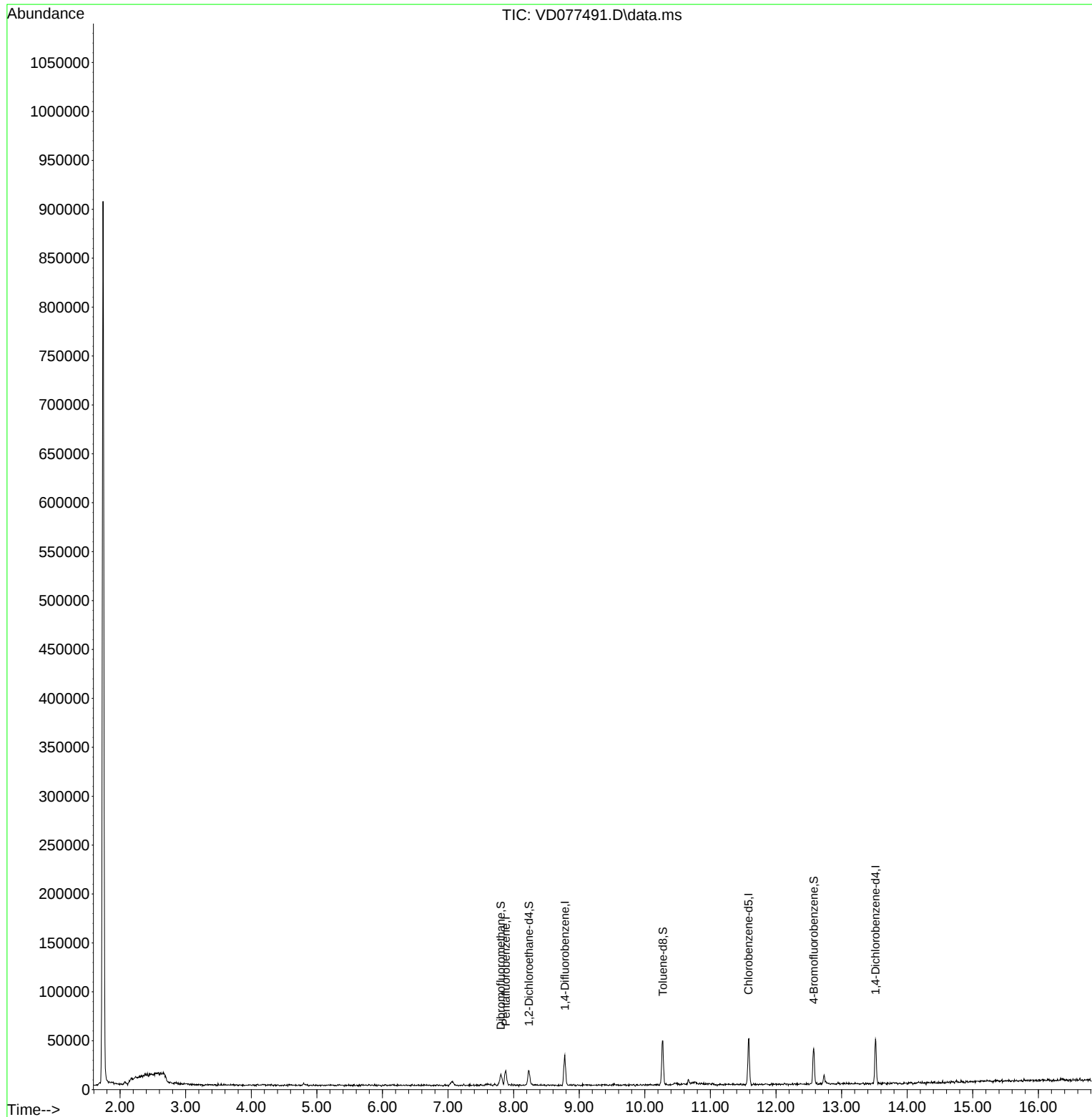
Target Compounds	Qvalue

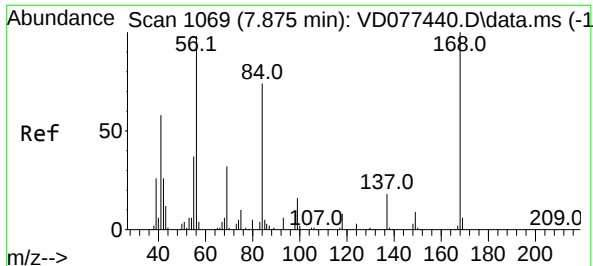
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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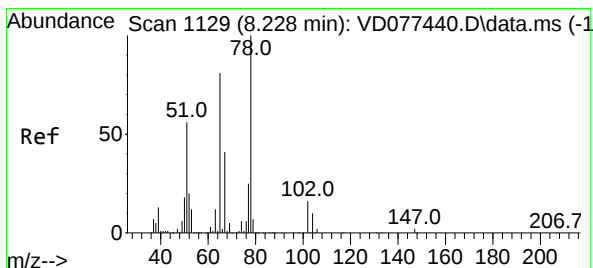
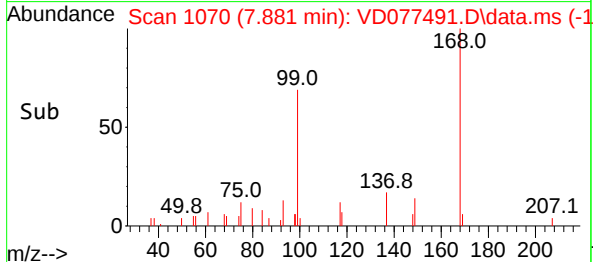
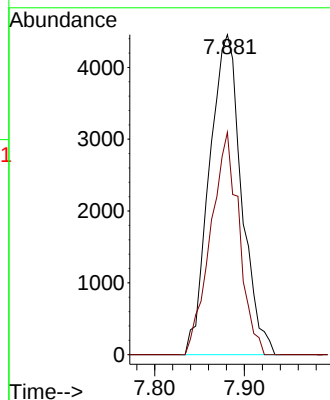
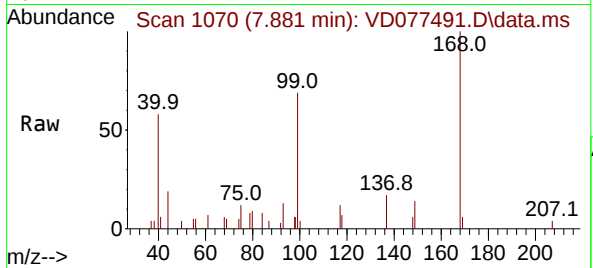




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11090
Delta R.T. 0.006 min
Lab File: VD077491.D
Acq: 02 Nov 2023 15:44

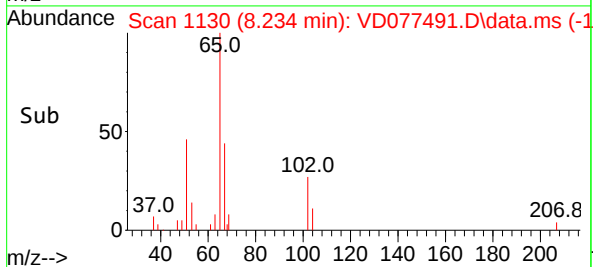
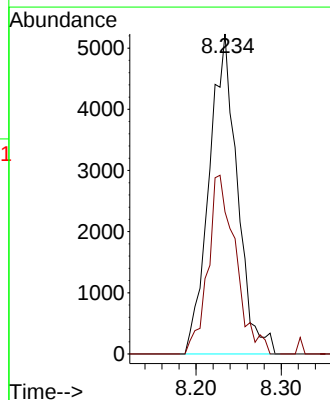
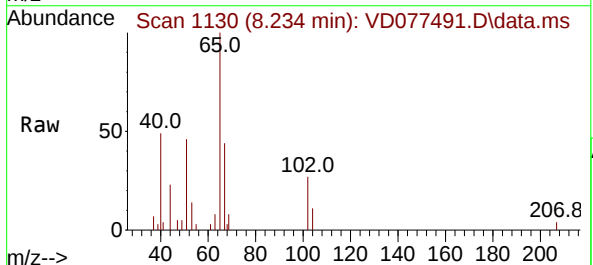
Instrument :
MSVOA_D
ClientSampleId :
ETGI-293

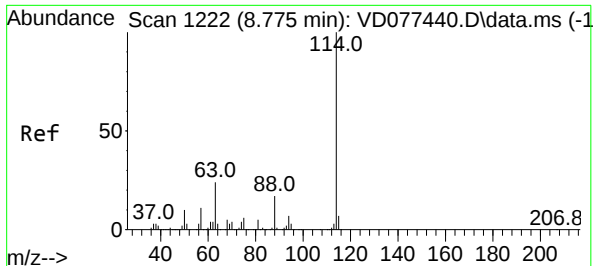
Tgt Ion:168 Resp: 11090
Ion Ratio Lower Upper
168 100
99 69.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 76.943 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077491.D
Acq: 02 Nov 2023 15:44

Tgt Ion: 65 Resp: 12066
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD077491.D

Acq: 02 Nov 2023 15:44

Instrument :

MSVOA_D

ClientSampleId :

ETGI-293

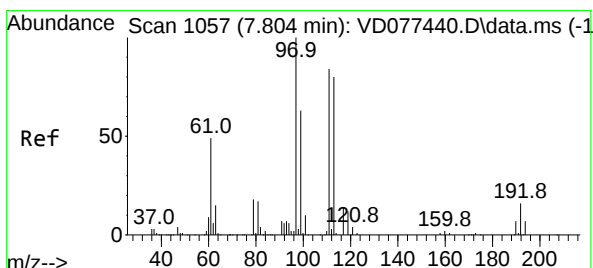
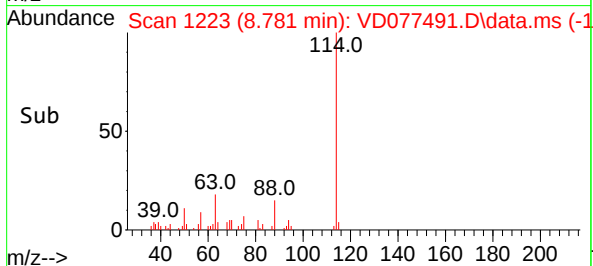
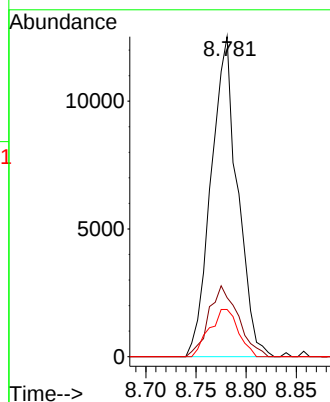
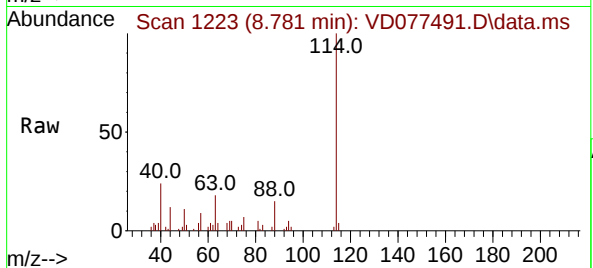
Tgt Ion:114 Resp: 23019

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.979 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077491.D

Acq: 02 Nov 2023 15:44

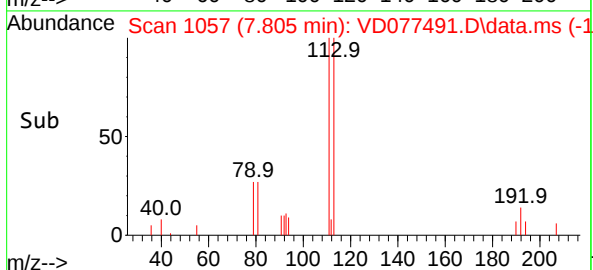
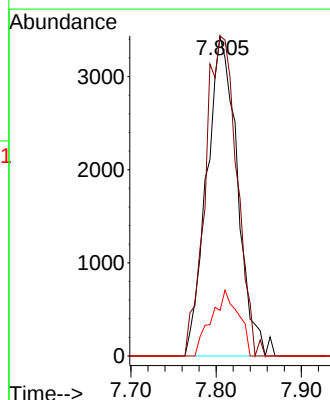
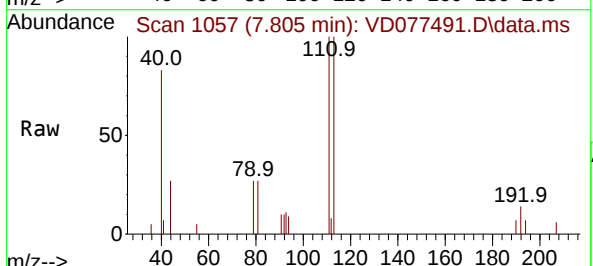
Tgt Ion:113 Resp: 8588

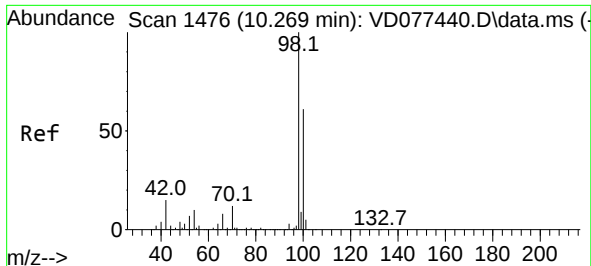
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 18.2 16.8 25.2

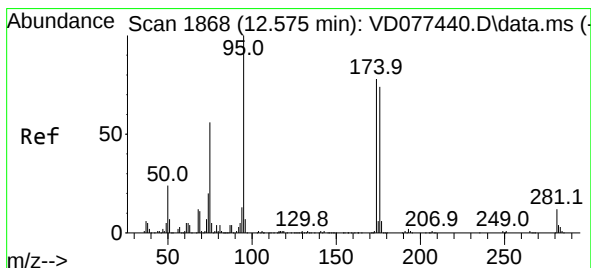
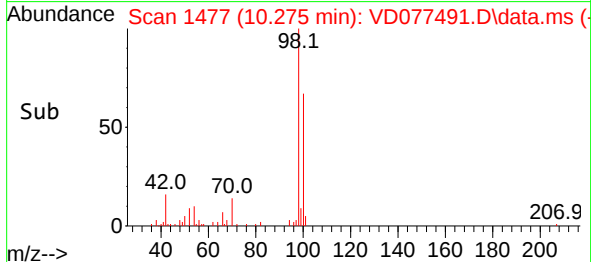
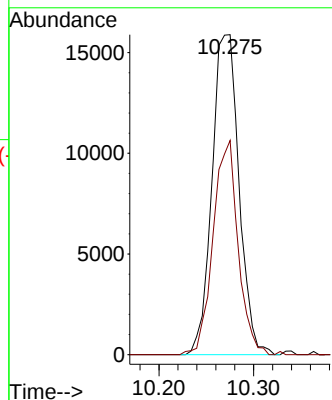
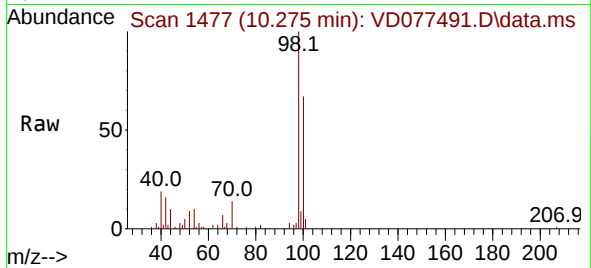




#50
Toluene-d8
Concen: 51.010 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077491.D
Acq: 02 Nov 2023 15:44

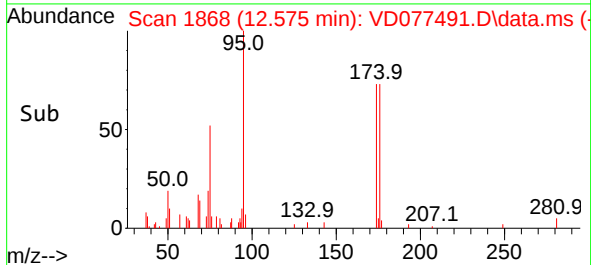
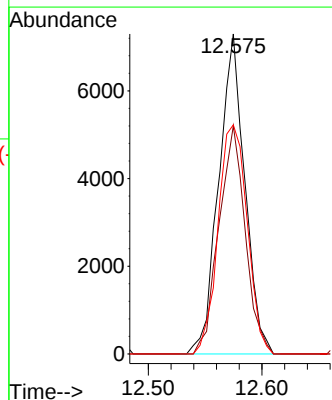
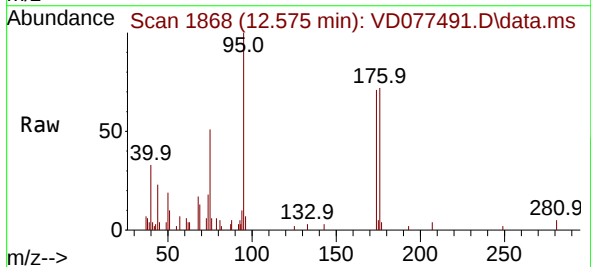
Instrument :
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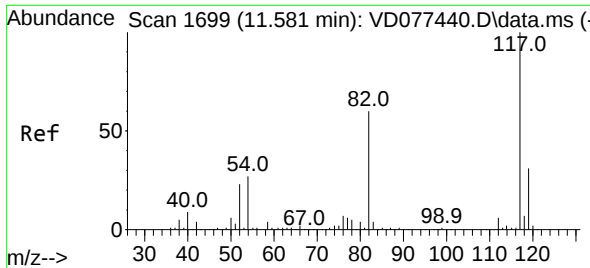
Tgt Ion: 98 Resp: 31523
Ion Ratio Lower Upper
98 100
100 61.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077491.D
Acq: 02 Nov 2023 15:44

Tgt Ion: 95 Resp: 11633
Ion Ratio Lower Upper
95 100
174 71.9 0.0 201.8
176 80.0 0.0 191.8

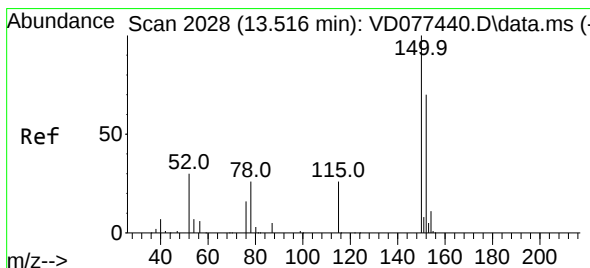
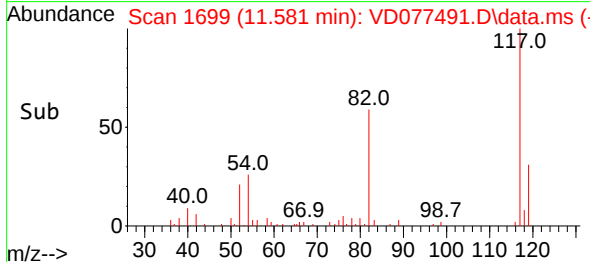
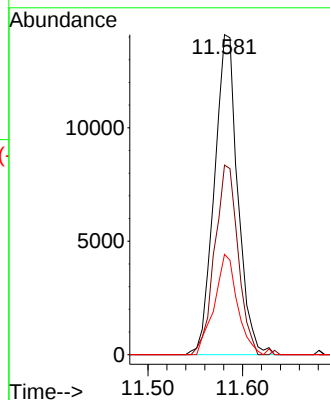
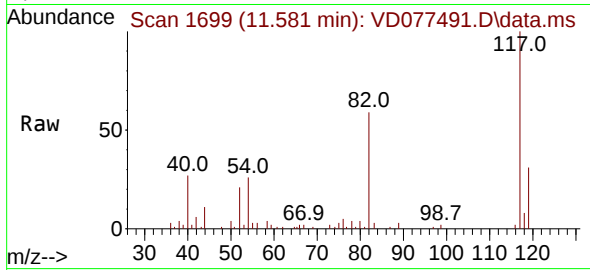




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077491.D
Acq: 02 Nov 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
ETGI-293

Tgt Ion:117 Resp: 24265
Ion Ratio Lower Upper
117 100
82 59.3 38.3 57.5#
119 31.4 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: VD077491.D
Acq: 02 Nov 2023 15:44

Tgt Ion:152 Resp: 10985
Ion Ratio Lower Upper
152 100
115 62.3 27.1 81.3
150 155.7 0.0 353.6

