

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077849.D
 Acq On : 12 Dec 2023 18:22
 Operator : JC/SY
 Sample : 05726-03
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOC

Quant Time: Dec 13 03:12:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	192022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	353685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	94357	41.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.400%
35) Dibromofluoromethane	7.810	113	105395	42.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.080%
50) Toluene-d8	10.269	98	453243	45.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.575	95	129262	43.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.140%

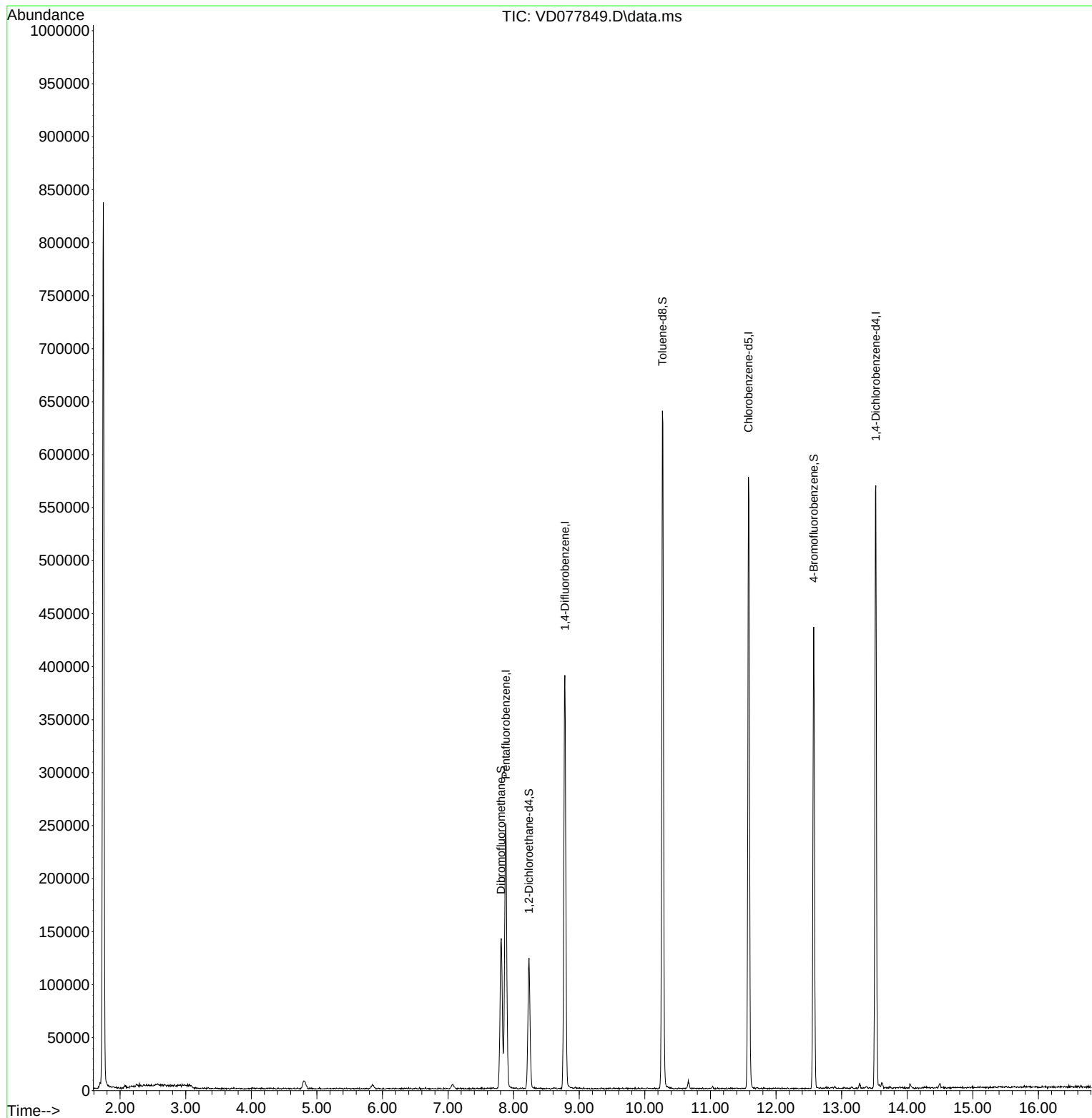
Target Compounds	Qvalue

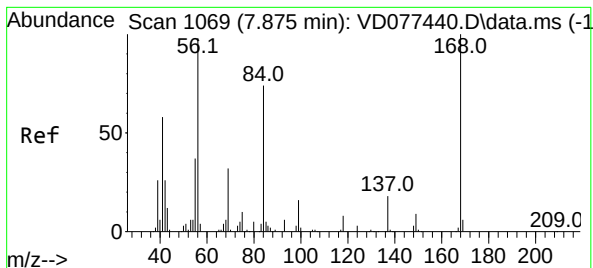
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1107

Delta R.T. 0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

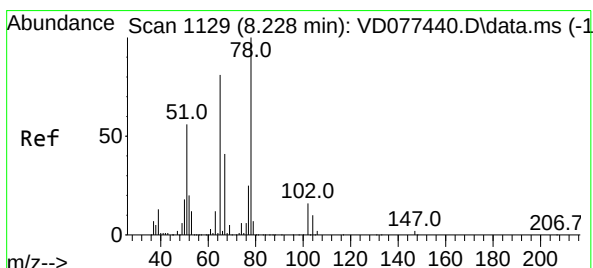
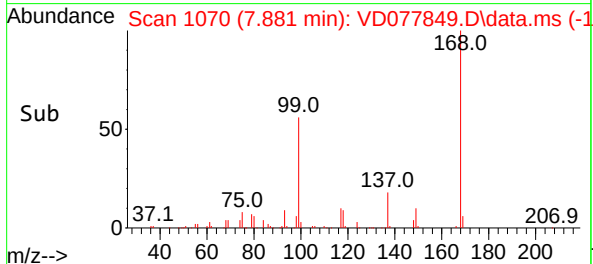
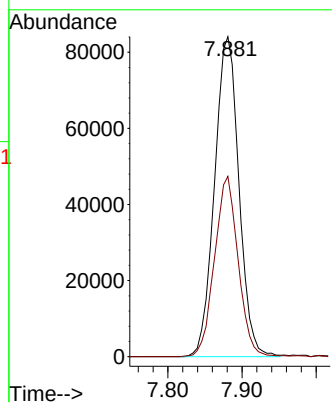
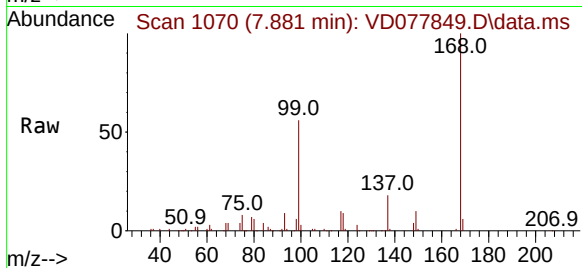
WC-1-VOC

Tgt Ion:168 Resp: 192022

Ion Ratio Lower Upper

168 100

99 56.3 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 41.701 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077849.D

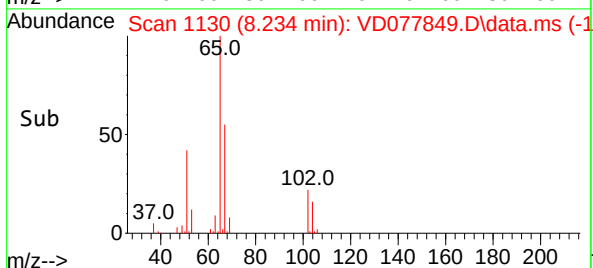
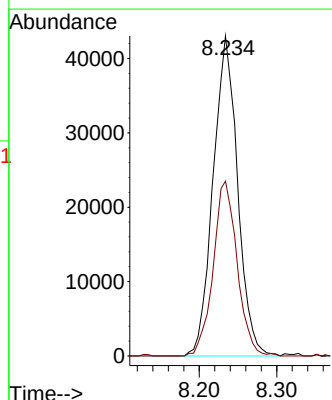
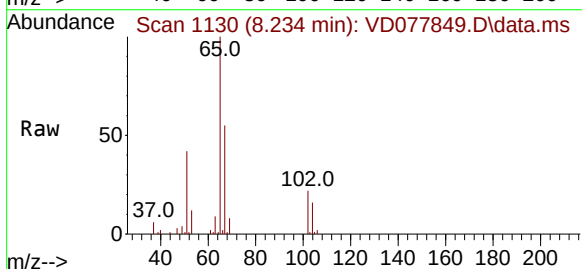
Acq: 12 Dec 2023 18:22

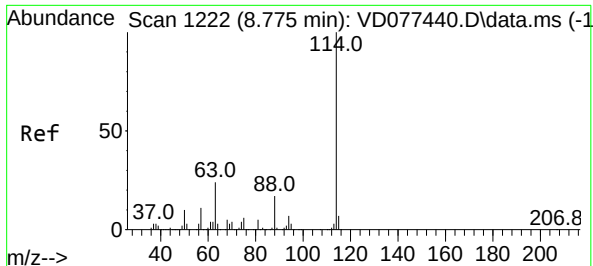
Tgt Ion: 65 Resp: 94357

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077849.D

Acq: 12 Dec 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOC

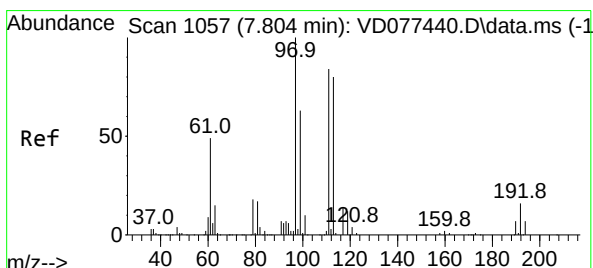
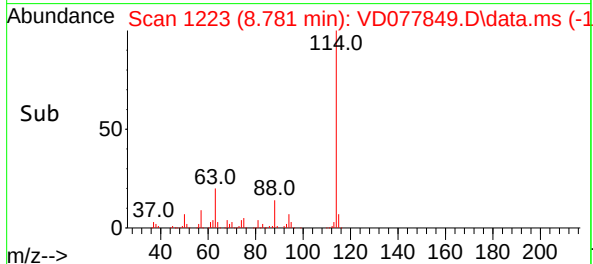
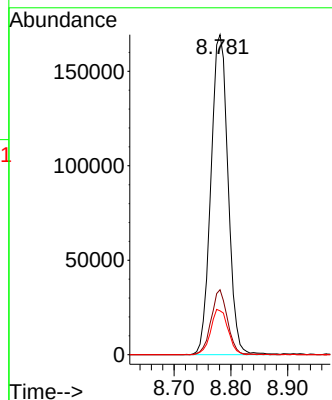
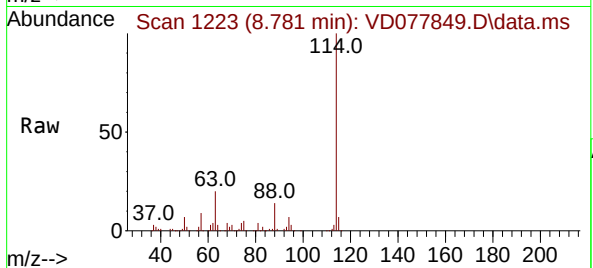
Tgt Ion:114 Resp: 353685

Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.542 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077849.D

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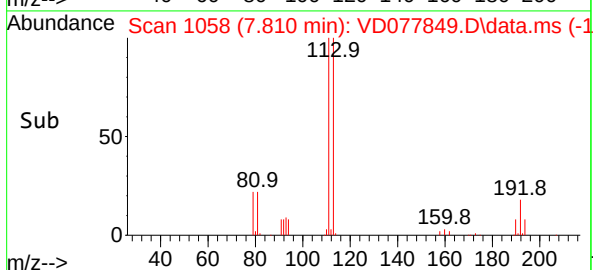
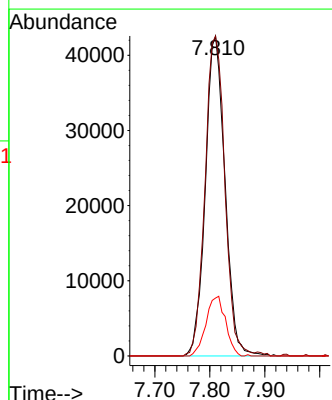
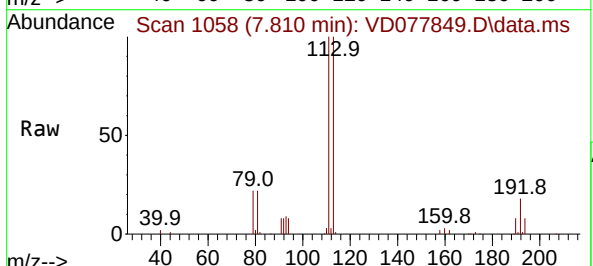
Tgt Ion:113 Resp: 105395

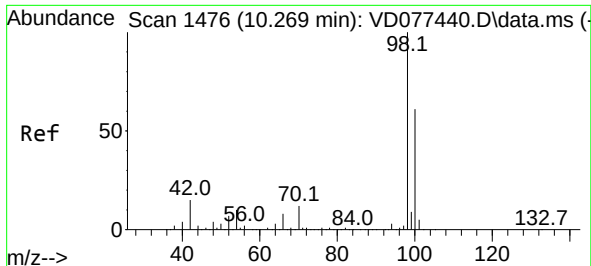
Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 18.6 16.8 25.2

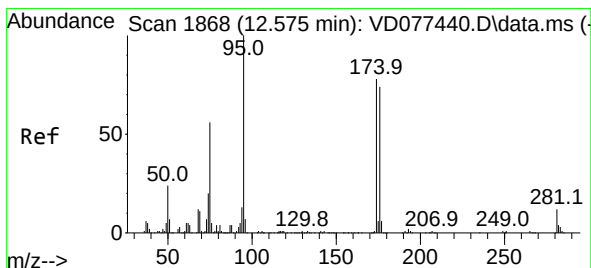
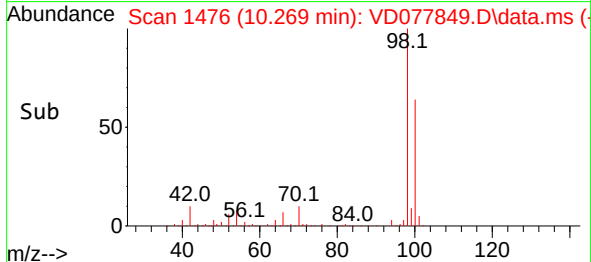
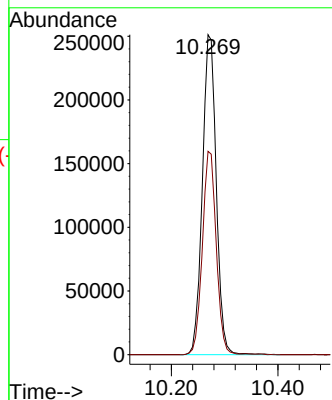
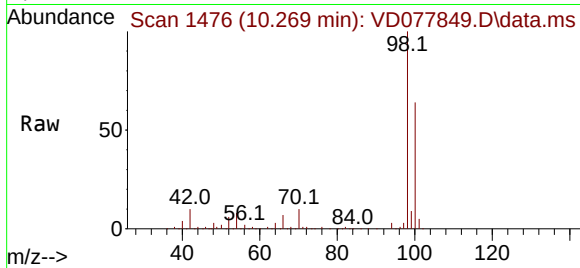




#50
Toluene-d8
Concen: 45.678 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077849.D
Acq: 12 Dec 2023 18:22

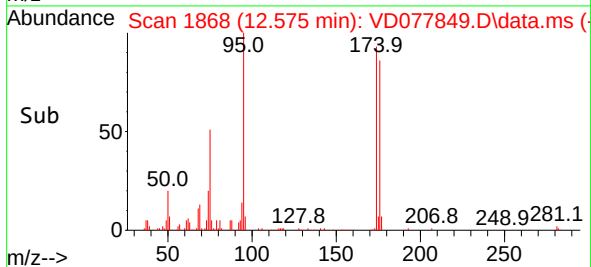
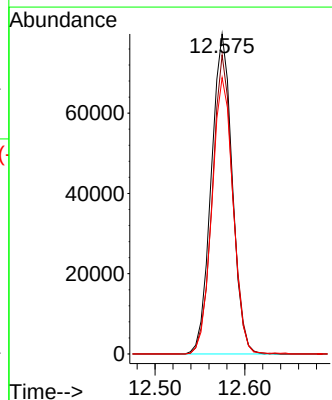
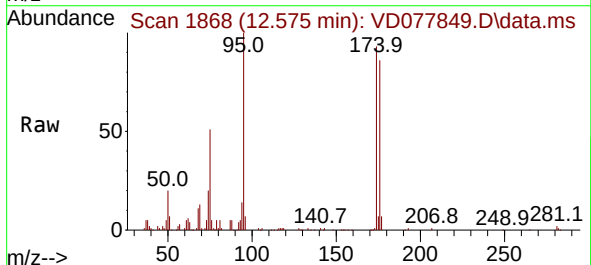
Instrument :
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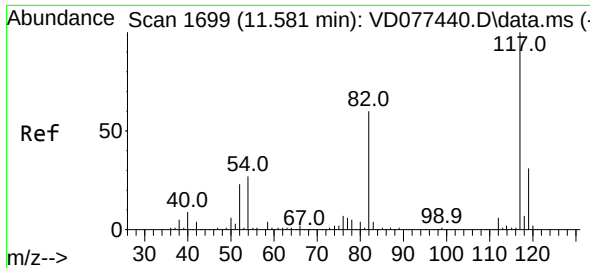
Tgt Ion: 98 Resp: 453243
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.573 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077849.D
Acq: 12 Dec 2023 18:22

Tgt Ion: 95 Resp: 129262
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 86.8 0.0 191.8

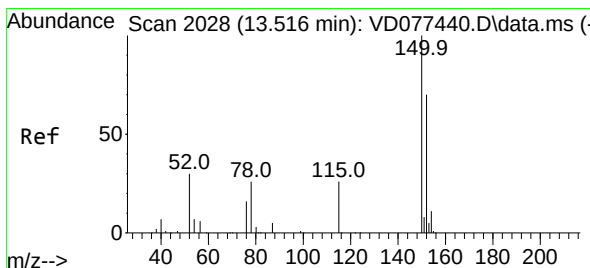
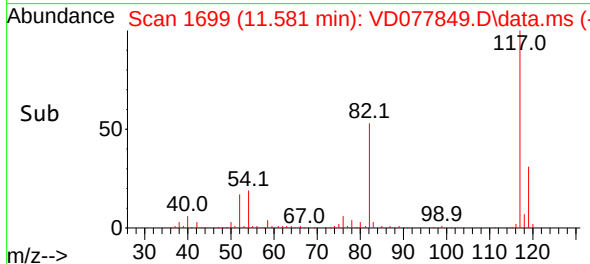
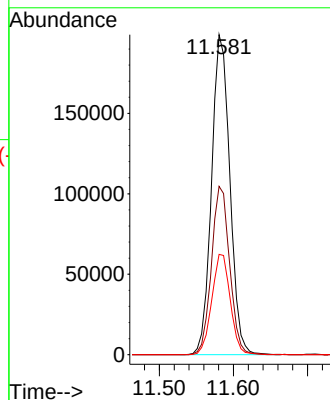
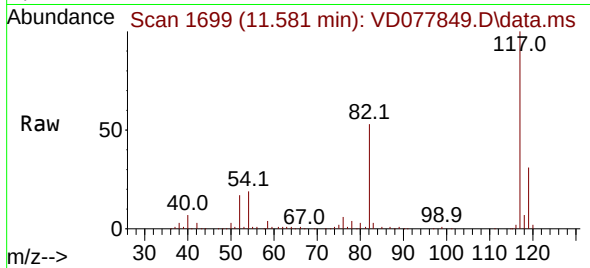




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077849.D
Acq: 12 Dec 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 340846
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077849.D
Acq: 12 Dec 2023 18:22

Tgt Ion:152 Resp: 153277
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 157.3 0.0 353.6

