

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077501.D
 Acq On : 03 Nov 2023 18:11
 Operator : JC/SY
 Sample : 05257-11
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-VOC

Quant Time: Nov 04 05:16:33 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	7.875	168	296568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	583121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	528856	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	242175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183253	43.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.400%
35) Dibromofluoromethane	7.805	113	177502	44.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.080%
50) Toluene-d8	10.269	98	761809	48.663	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.575	95	232266	44.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.100%

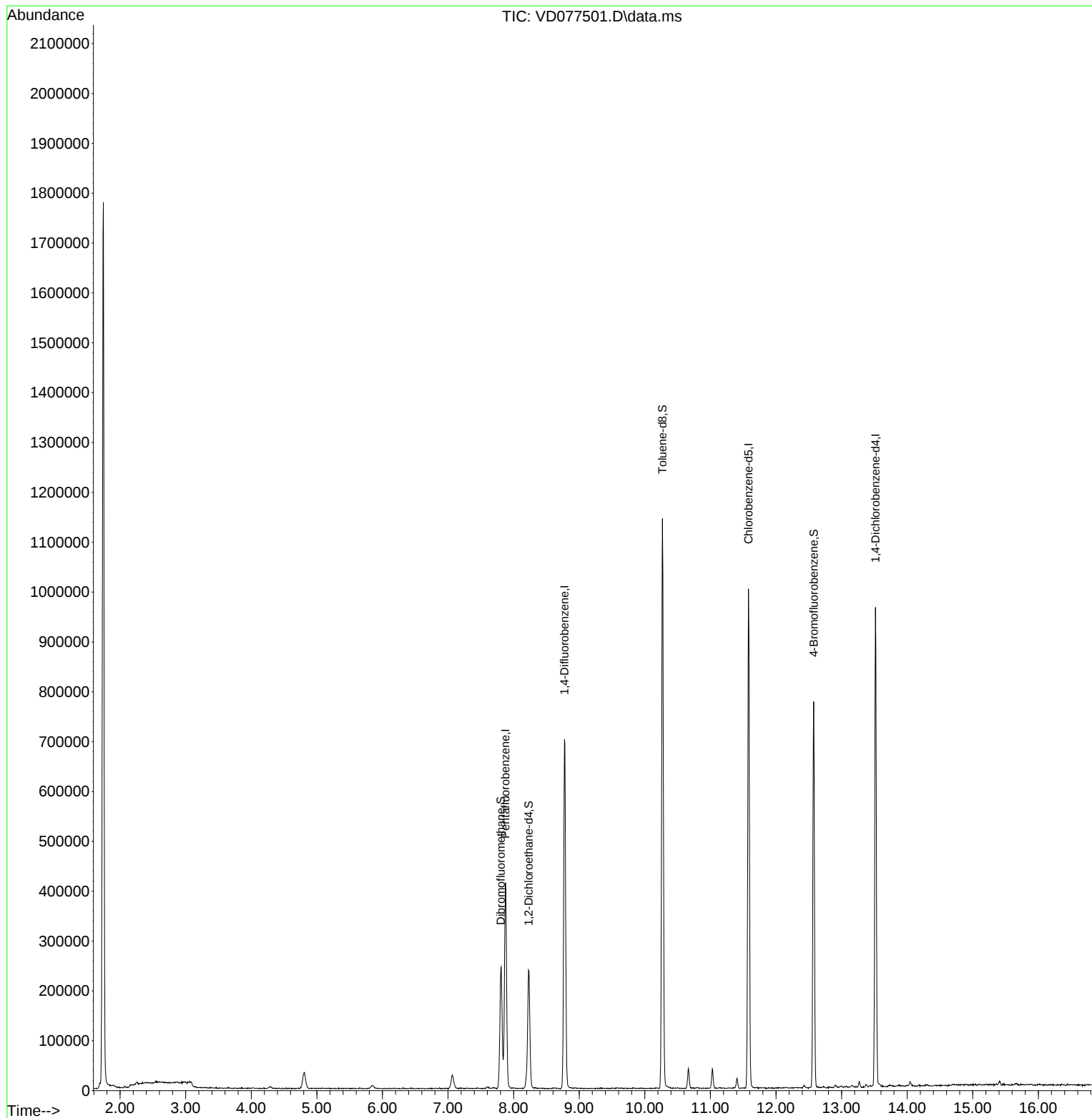
Target Compounds	Qvalue

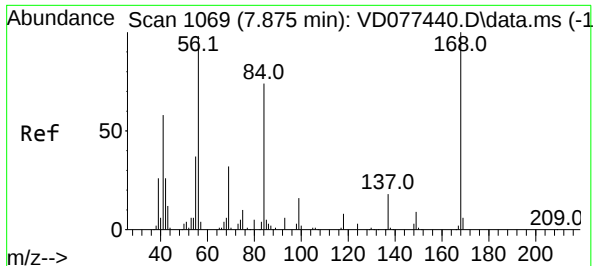
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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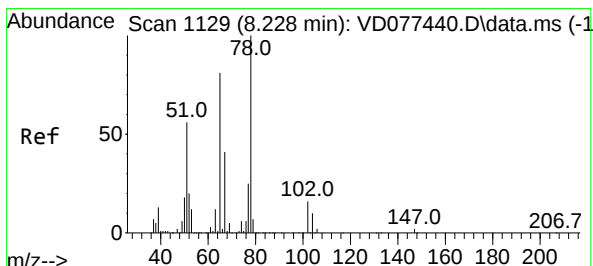
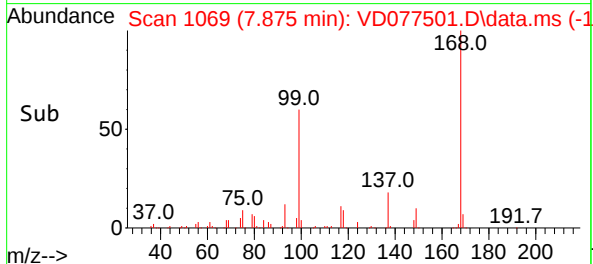
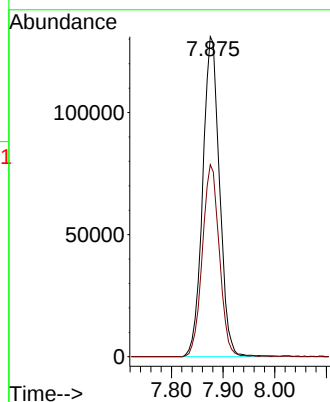
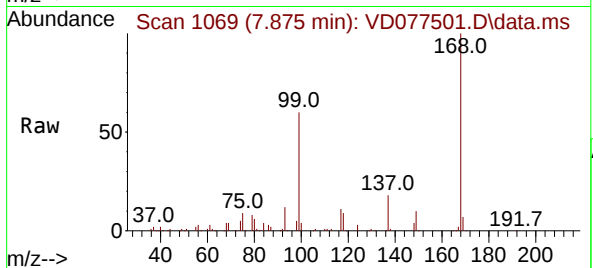




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077501.D
Acq: 03 Nov 2023 18:11

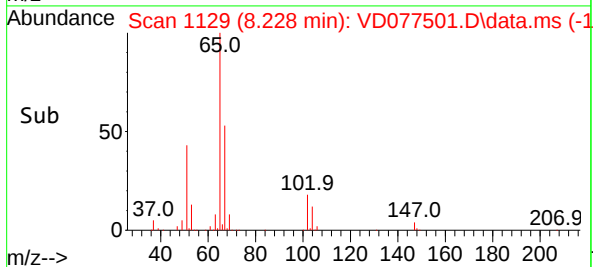
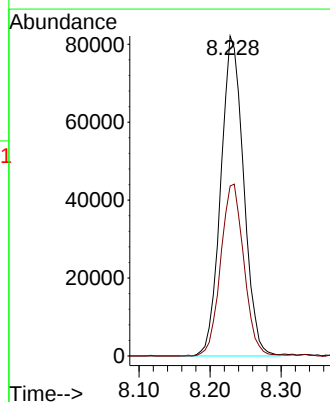
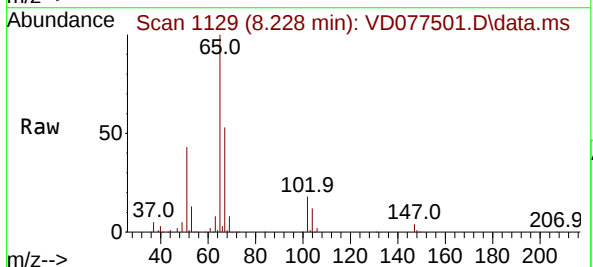
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

Tgt Ion:168 Resp: 296568
Ion Ratio Lower Upper
168 100
99 60.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 43.698 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077501.D
Acq: 03 Nov 2023 18:11

Tgt Ion: 65 Resp: 183253
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077501.D

Acq: 03 Nov 2023 18:11

Instrument :

MSVOA_D

ClientSampleId :

WC-3-VOC

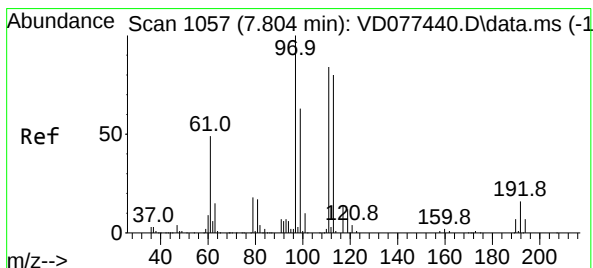
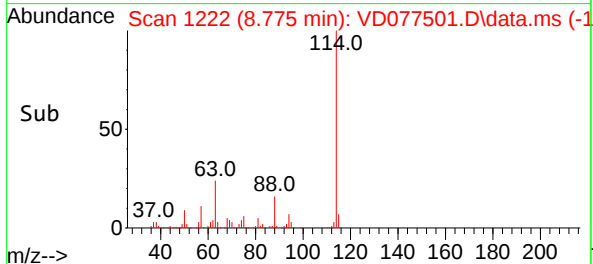
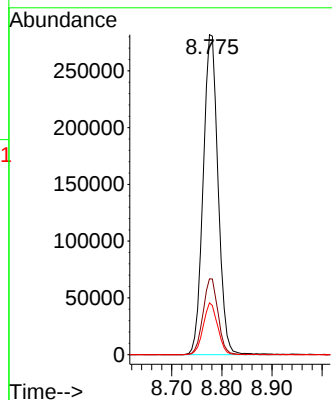
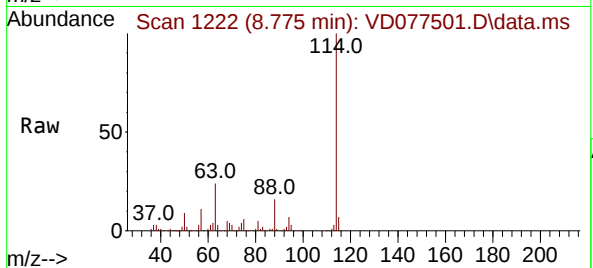
Tgt Ion:114 Resp: 583121

Ion Ratio Lower Upper

114 100

63 23.7 0.0 33.4

88 16.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.042 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077501.D

Acq: 03 Nov 2023 18:11

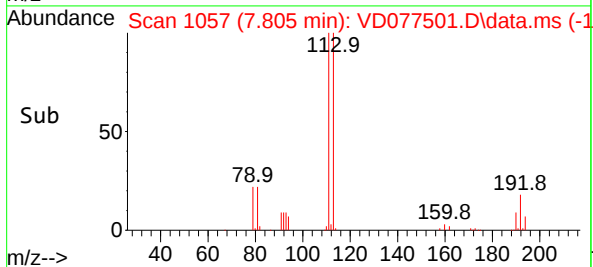
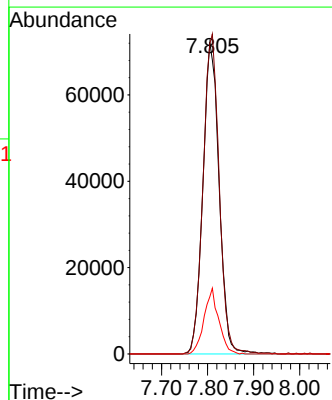
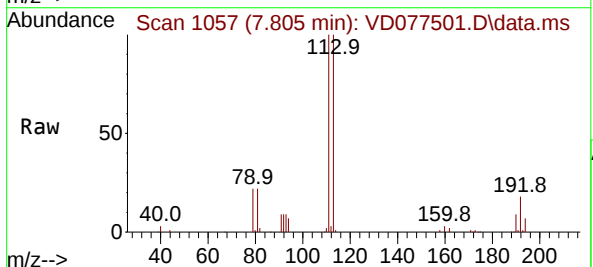
Tgt Ion:113 Resp: 177502

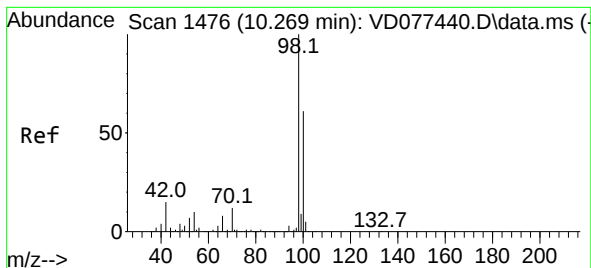
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 19.0 16.8 25.2

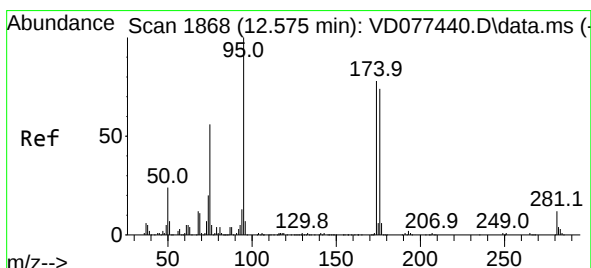
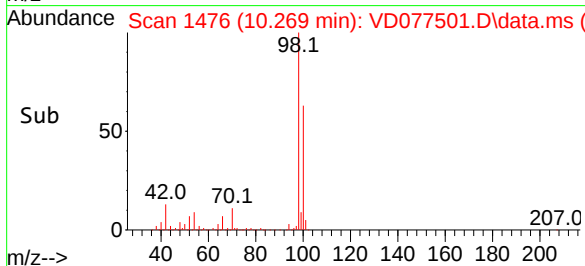
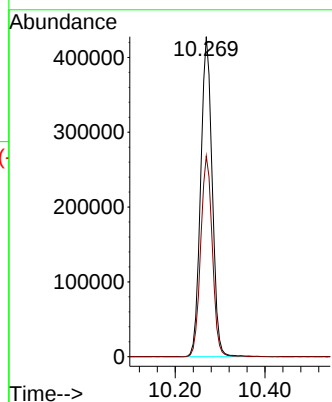
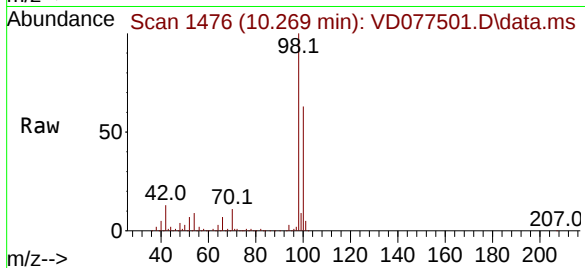




#50
Toluene-d8
Concen: 48.663 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077501.D
Acq: 03 Nov 2023 18:11

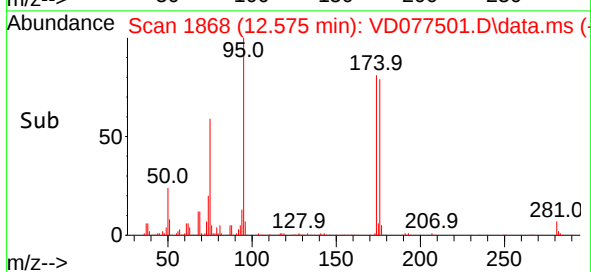
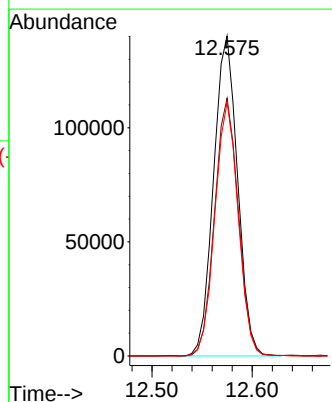
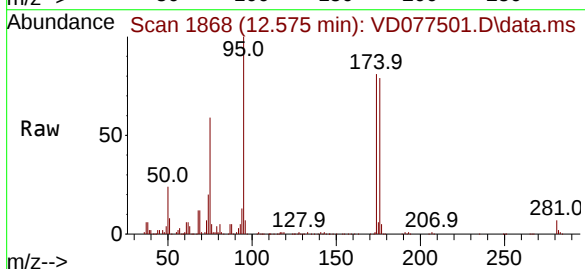
Instrument :
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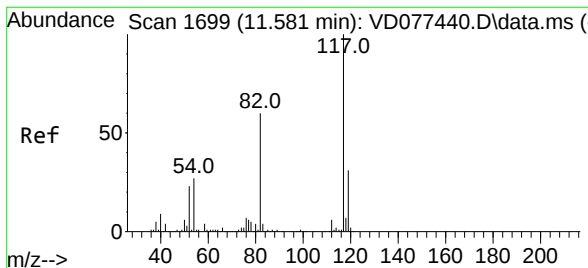
Tgt Ion: 98 Resp: 761809
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077501.D
Acq: 03 Nov 2023 18:11

Tgt Ion: 95 Resp: 232266
Ion Ratio Lower Upper
95 100
174 79.8 0.0 201.8
176 77.0 0.0 191.8

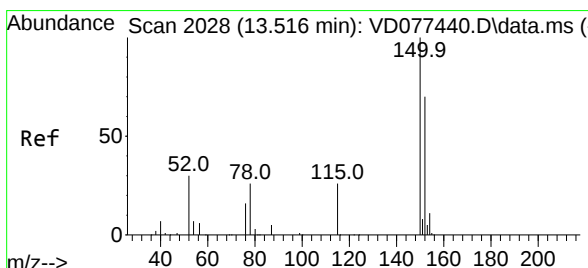
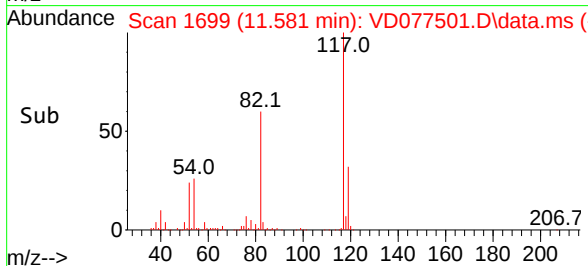
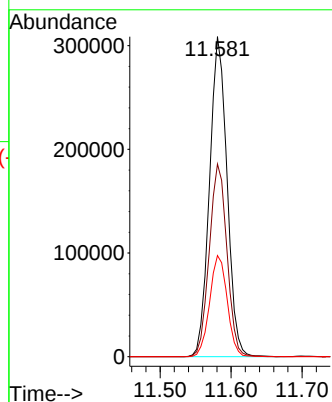
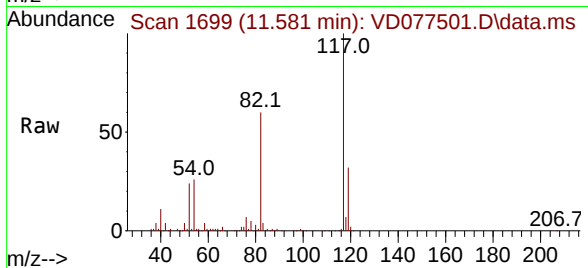




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077501.D
Acq: 03 Nov 2023 18:11

Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 528856
Ion Ratio Lower Upper
117 100
82 60.2 38.3 57.5#
119 31.6 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: VD077501.D
Acq: 03 Nov 2023 18:11

Tgt Ion:152 Resp: 242175
Ion Ratio Lower Upper
152 100
115 59.2 27.1 81.3
150 155.5 0.0 353.6

