

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078122.D
 Acq On : 02 Jan 2024 14:50
 Operator : RP/MD
 Sample : 06045-03
 Misc : 5.96G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-300-2.0-2.5

Quant Time: Jan 03 00:07:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	214279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	368552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86540	45.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.810	113	112206	47.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.269	98	445560	53.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.575	95	127245	47.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

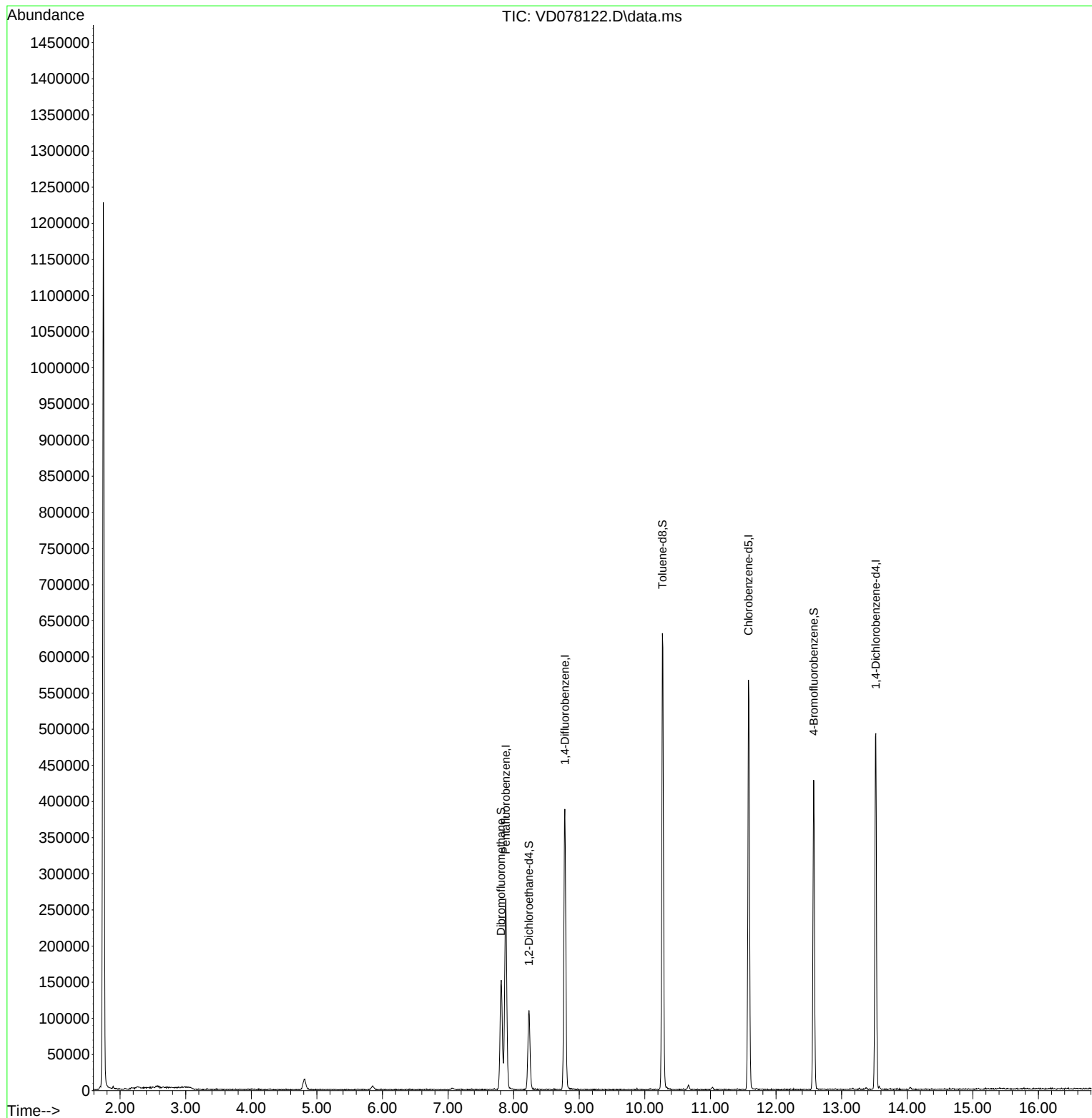
Target Compounds	Qvalue

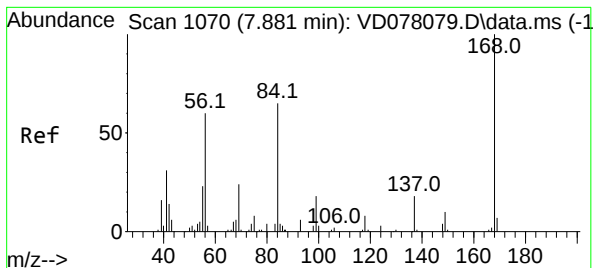
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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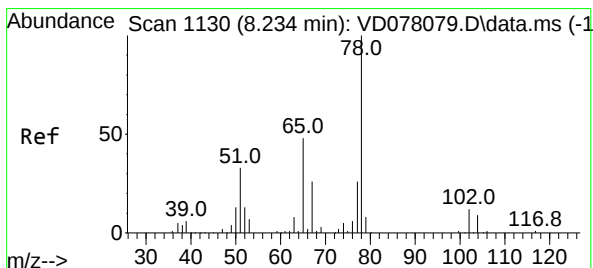
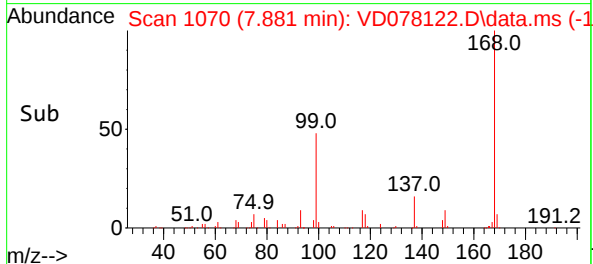
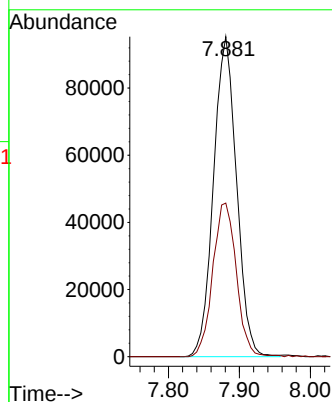
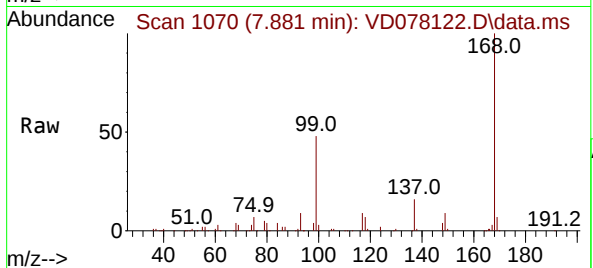




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

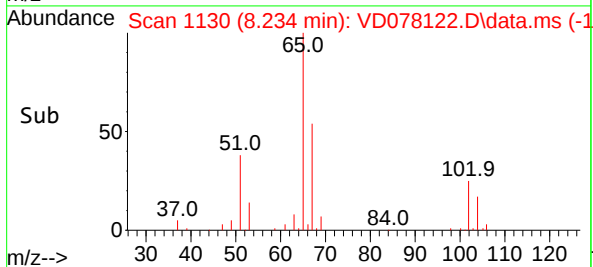
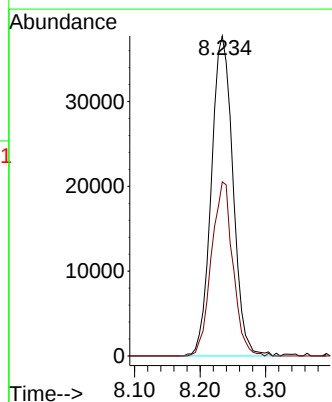
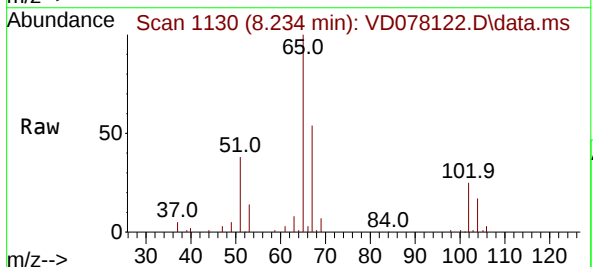
Instrument :
MSVOA_D
ClientSampleId :
MR-300-2.0-2.5

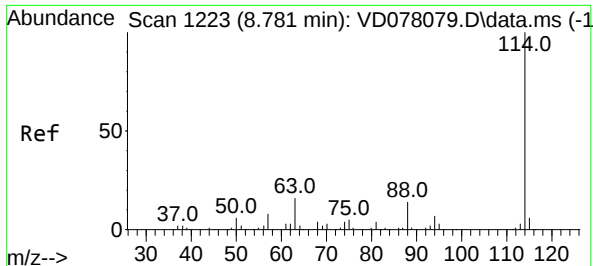
Tgt Ion:168 Resp: 214279
Ion Ratio Lower Upper
168 100
99 48.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 45.390 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion: 65 Resp: 86540
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :

MR-300-2.0-2.5

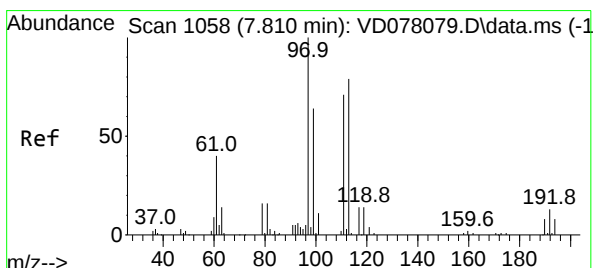
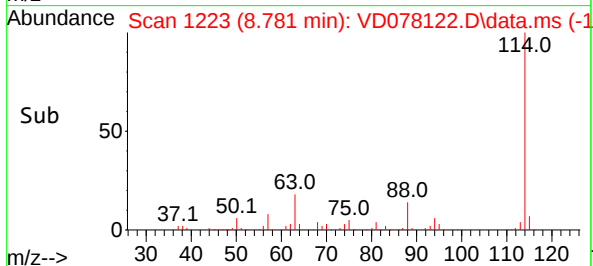
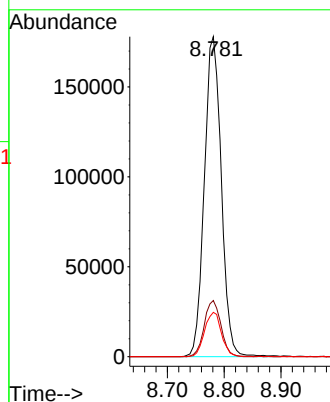
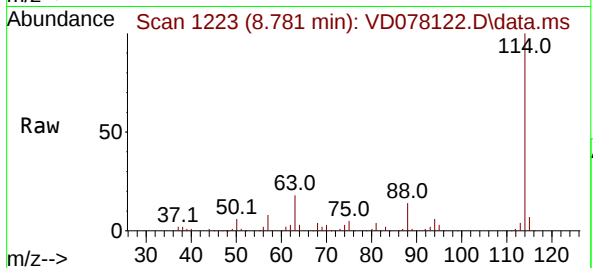
Tgt Ion:114 Resp: 368552

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

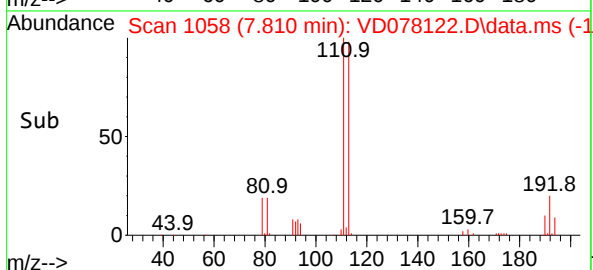
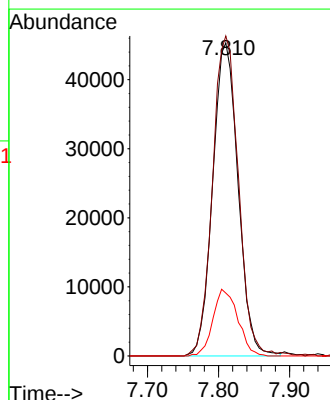
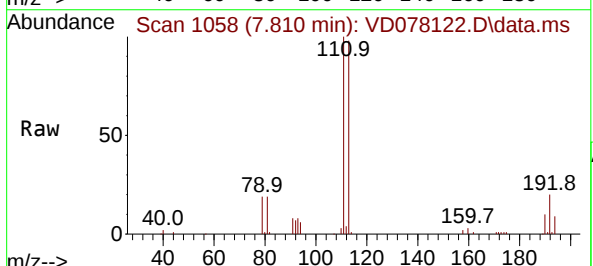
Tgt Ion:113 Resp: 112206

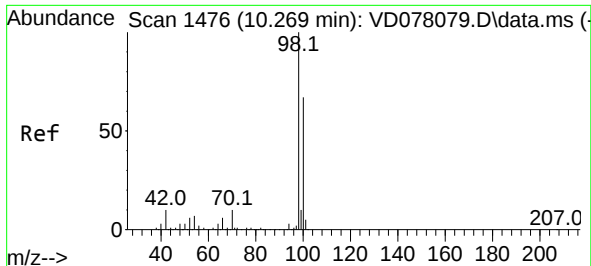
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 20.9 16.8 25.2

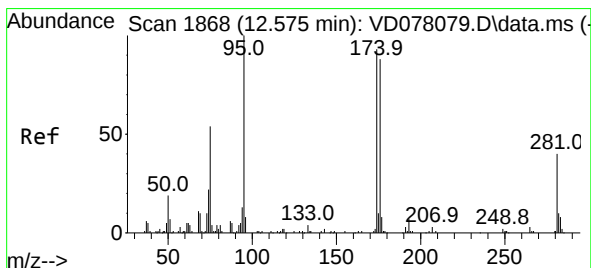
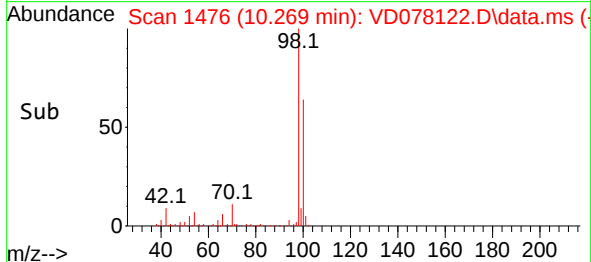
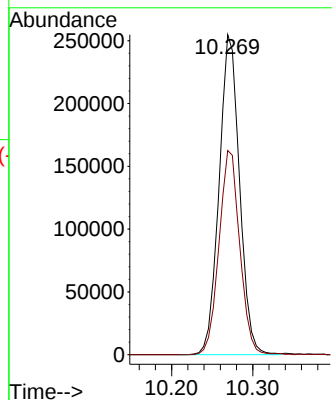
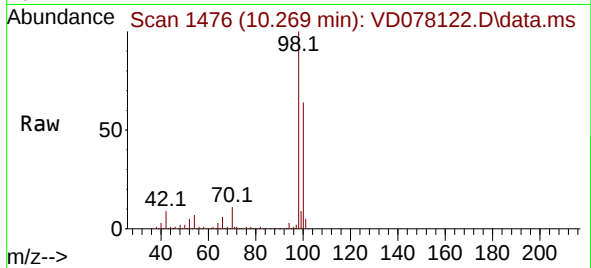




#50
Toluene-d8
Concen: 53.398 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

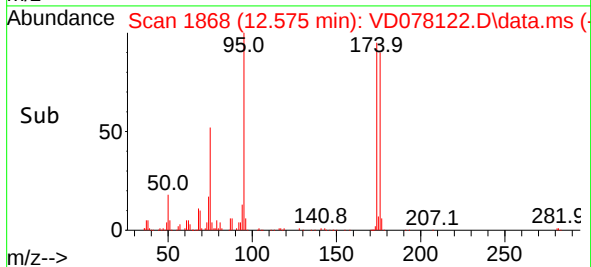
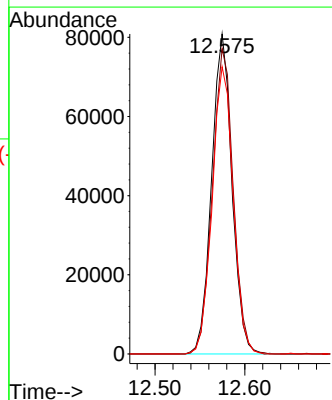
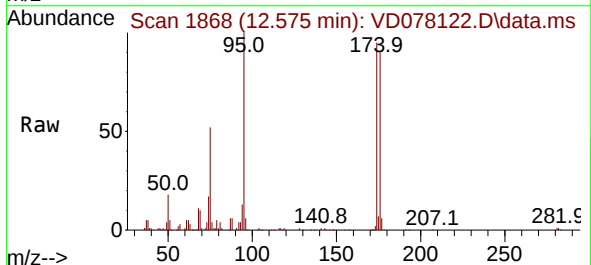
Instrument :
MSVOA_D
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MR-300-2.0-2.5

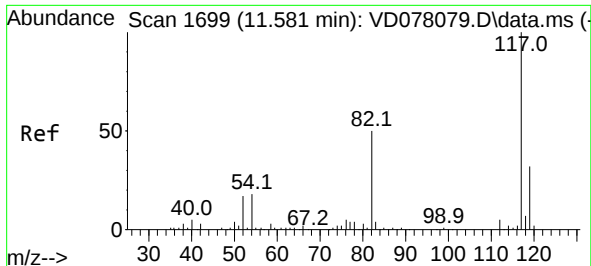
Tgt Ion: 98 Resp: 445560
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion: 95 Resp: 127245
Ion Ratio Lower Upper
95 100
174 97.9 0.0 201.8
176 92.6 0.0 191.8

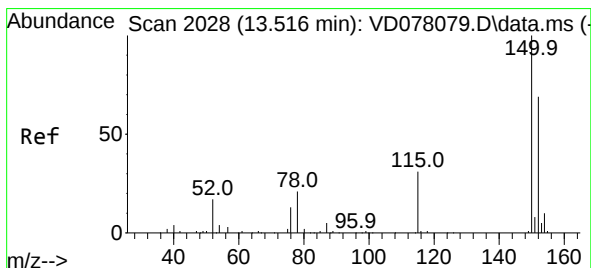
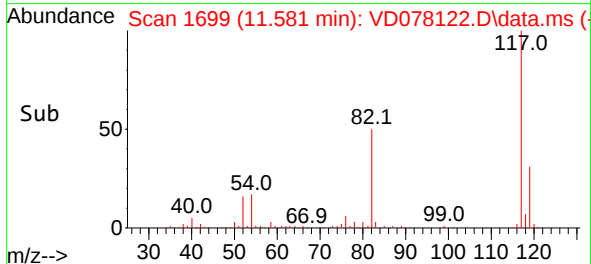
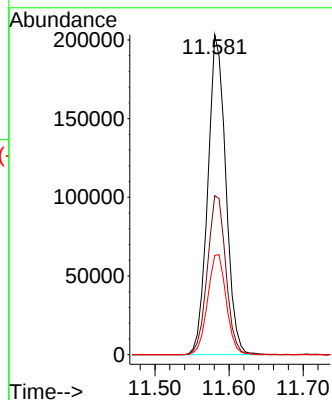
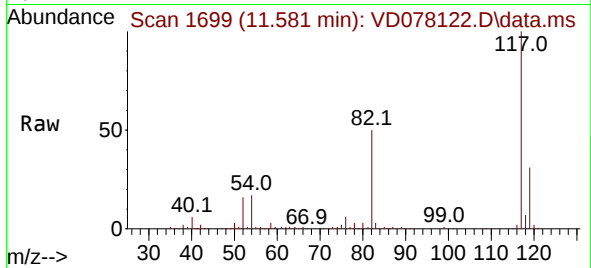




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:117 Resp: 342390
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 31.0 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: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion:152 Resp: 143838
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 157.1 0.0 353.6

