

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078062.D
 Acq On : 22 Dec 2023 14:25
 Operator : RP/MD
 Sample : 05926-05
 Misc : 4.36G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-319-3.7-4.7

Quant Time: Dec 23 03:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	178482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	313361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134863	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81519	38.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.520%
35) Dibromofluoromethane	7.805	113	92918	42.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.660%
50) Toluene-d8	10.269	98	399107	45.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.575	95	115308	43.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.740%

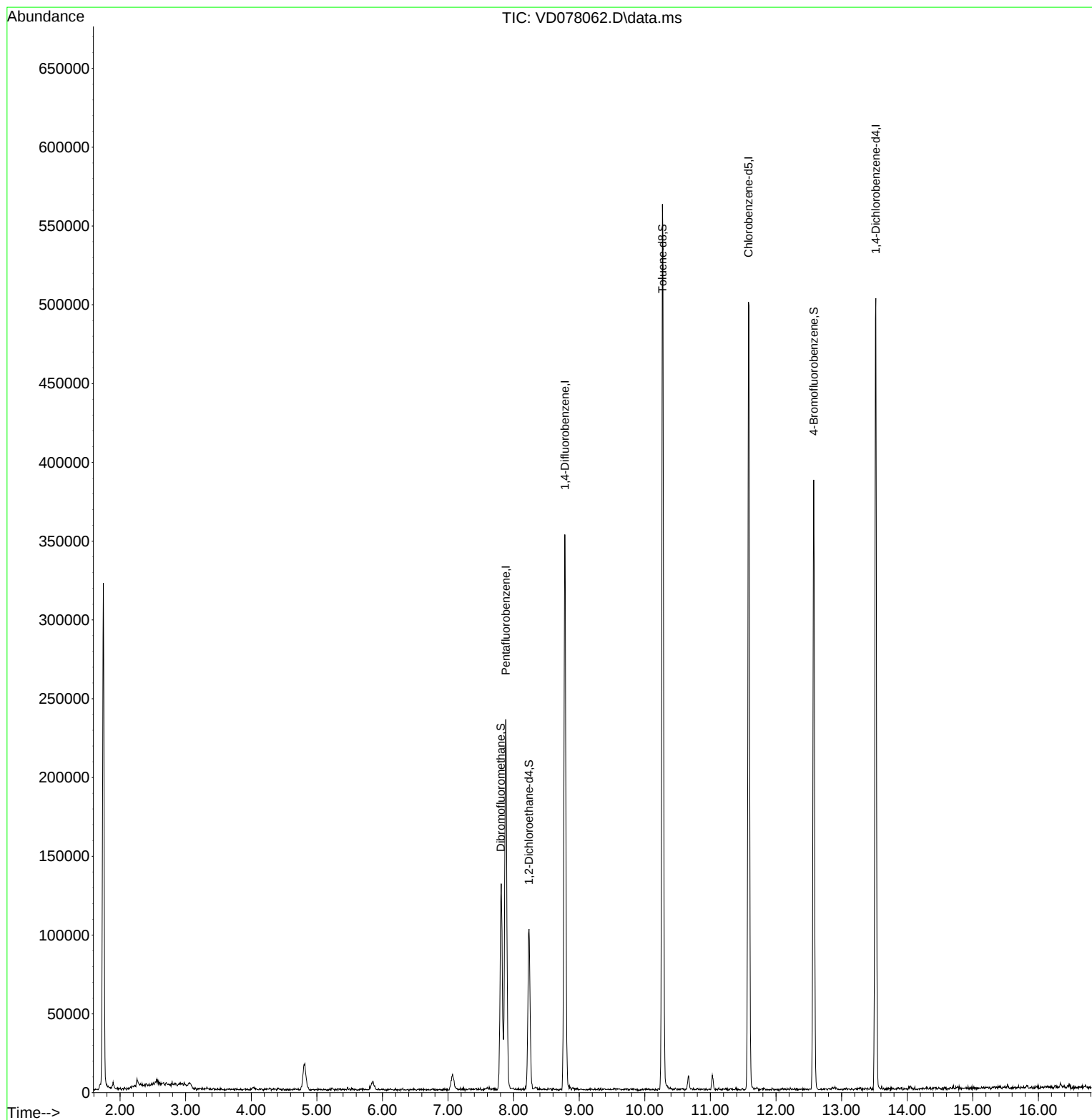
Target Compounds	Qvalue

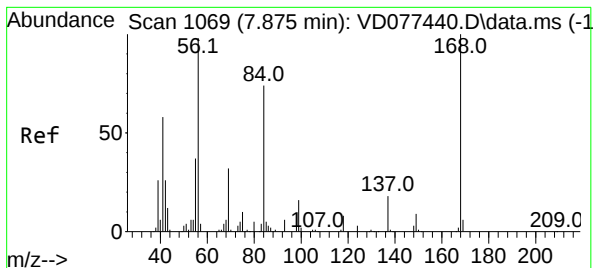
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

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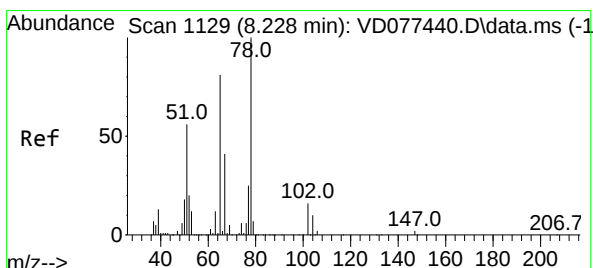
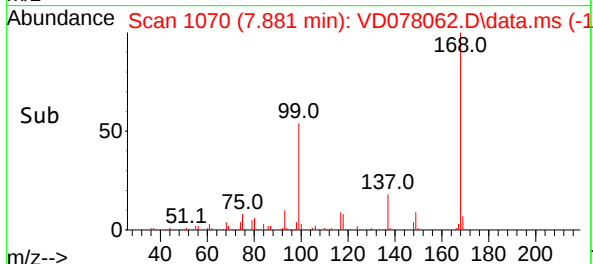
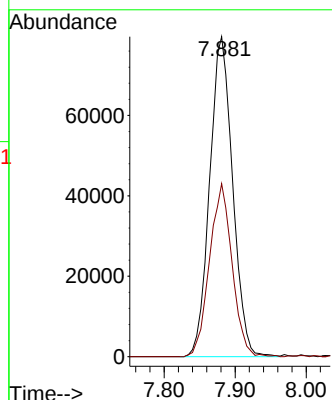
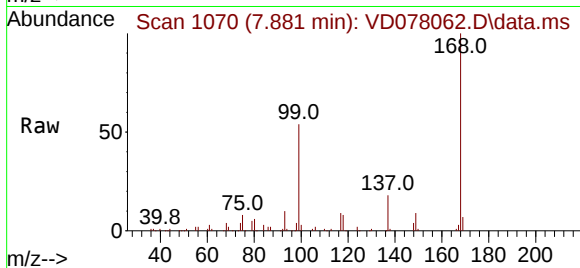
MR-319-3.7-4.7

Tgt Ion:168 Resp: 178482

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 38.760 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078062.D

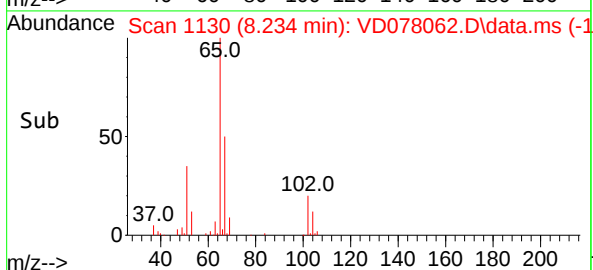
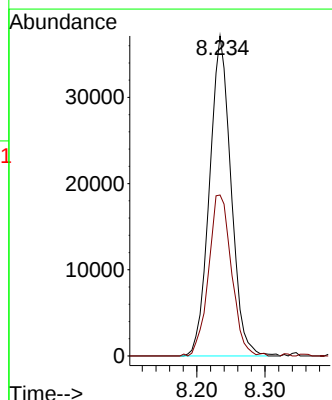
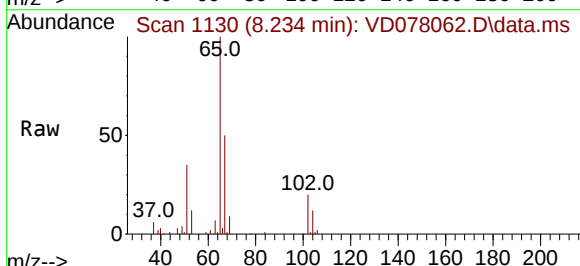
Acq: 22 Dec 2023 14:25

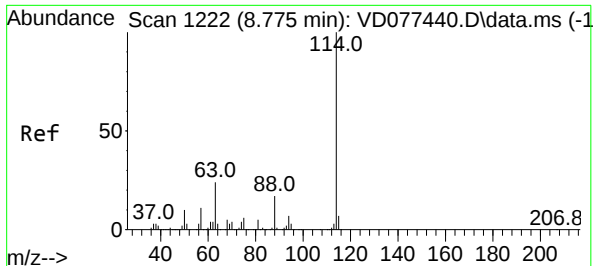
Tgt Ion: 65 Resp: 81519

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0

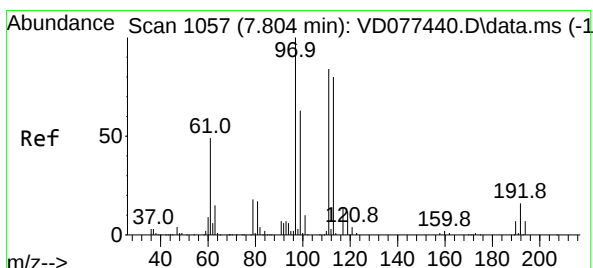
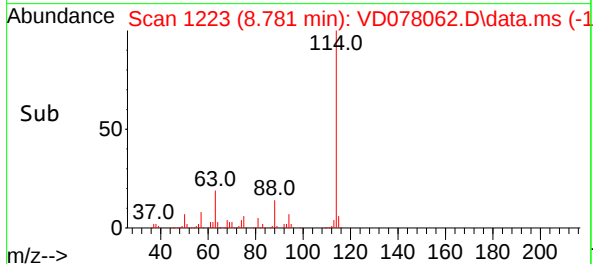
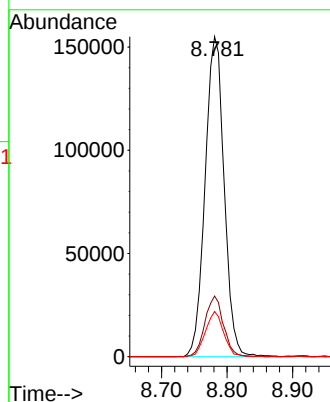
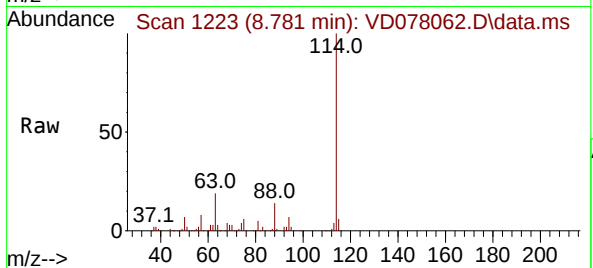




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. 0.006 min
Lab File: VD078062.D
Acq: 22 Dec 2023 14:25

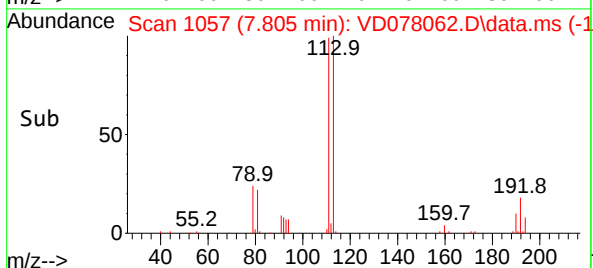
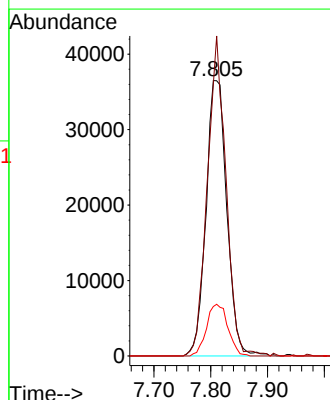
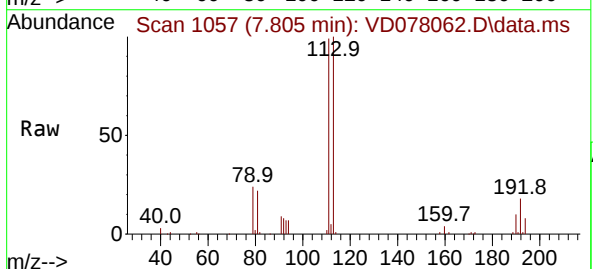
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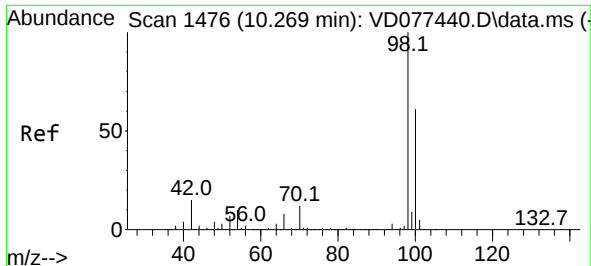
Tgt Ion:114 Resp: 313361
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 42.332 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD078062.D
Acq: 22 Dec 2023 14:25

Tgt Ion:113 Resp: 92918
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 19.2 16.8 25.2

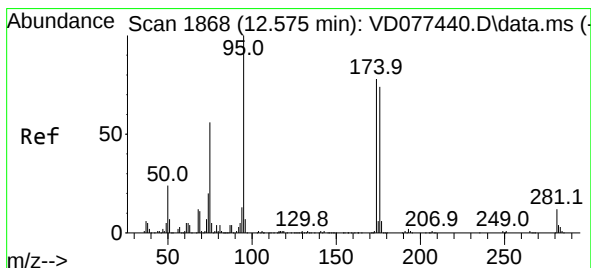
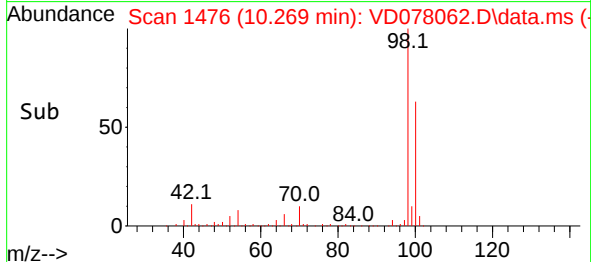
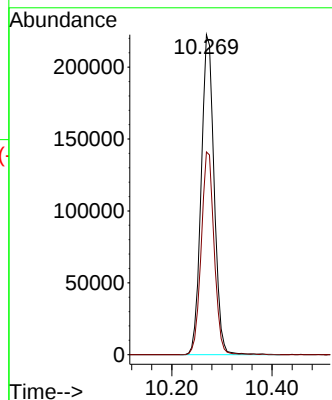
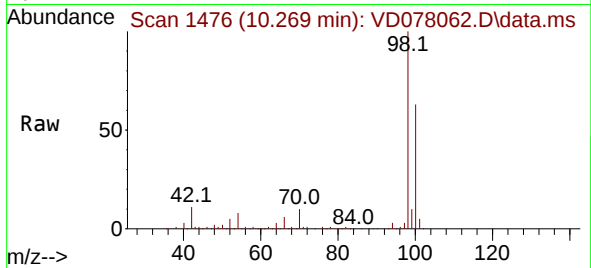




#50
Toluene-d8
Concen: 45.398 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078062.D
Acq: 22 Dec 2023 14:25

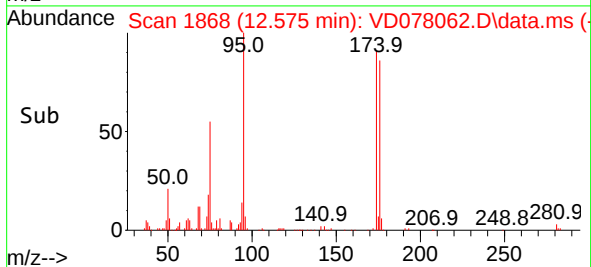
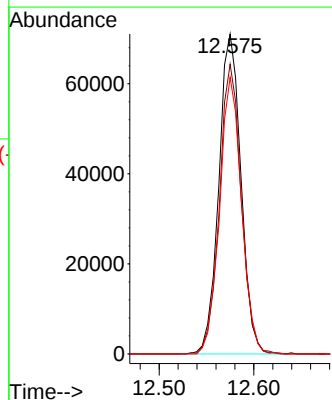
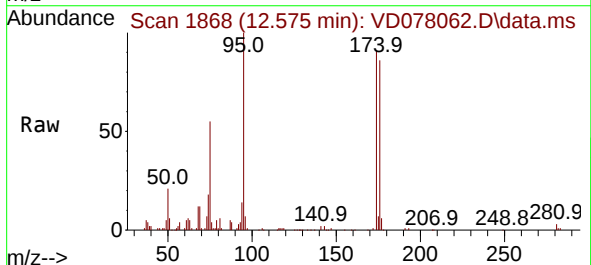
Instrument :
MSVOA_D
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MR-319-3.7-4.7

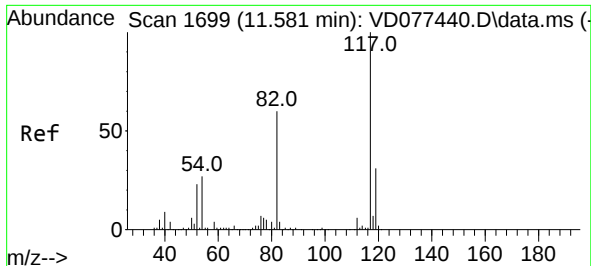
Tgt Ion: 98 Resp: 399107
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078062.D
Acq: 22 Dec 2023 14:25

Tgt Ion: 95 Resp: 115308
Ion Ratio Lower Upper
95 100
174 89.5 0.0 201.8
176 85.6 0.0 191.8

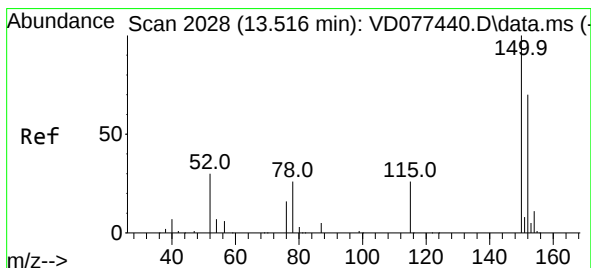
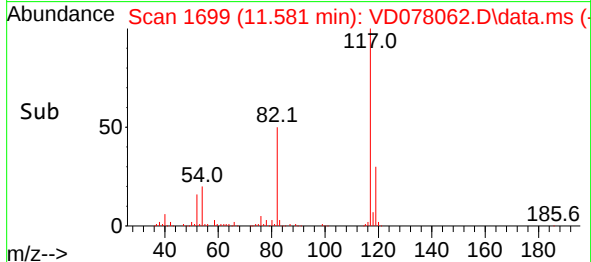
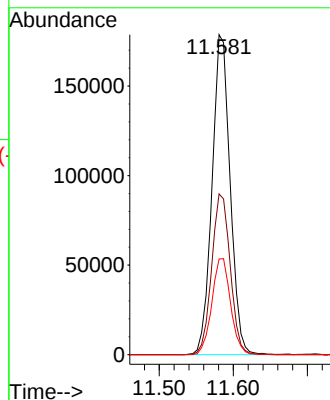
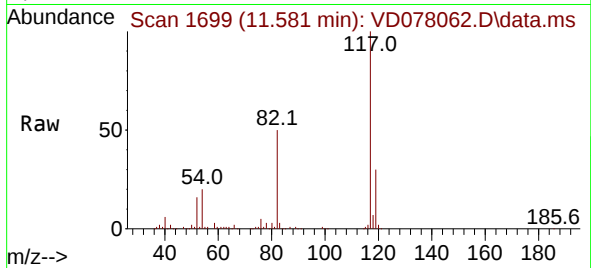




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078062.D
Acq: 22 Dec 2023 14:25

Instrument :
MSVOA_D
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion:117 Resp: 302845
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 29.9 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: VD078062.D
Acq: 22 Dec 2023 14:25

Tgt Ion:152 Resp: 134863
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 155.1 0.0 353.6

