

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078164.D
 Acq On : 15 Jan 2024 16:14
 Operator : RP/MD
 Sample : P1140-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-309-37-39

Quant Time: Jan 16 00:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	13947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	26851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	31340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11270	76.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.500%
35) Dibromofluoromethane	7.816	113	10639	54.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.960%
50) Toluene-d8	10.269	98	34908	53.788	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.580%
62) 4-Bromofluorobenzene	12.575	95	12627	55.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.780%

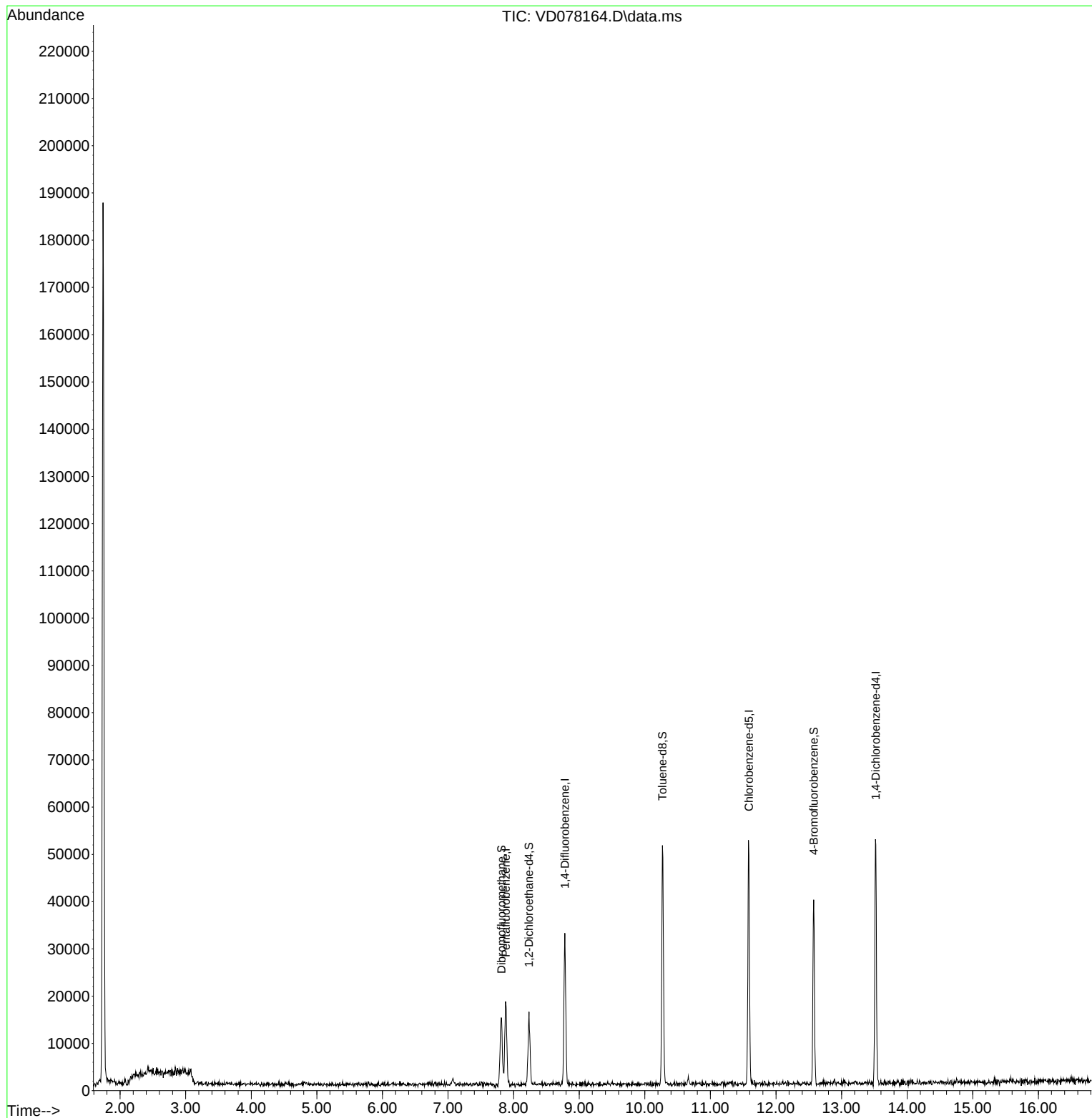
Target Compounds	Qvalue

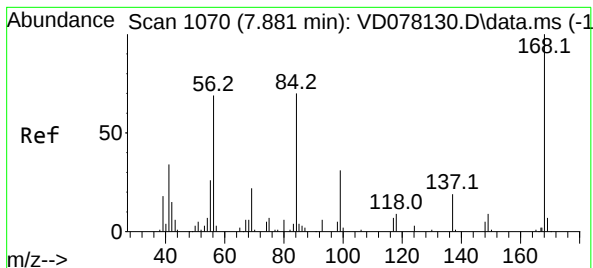
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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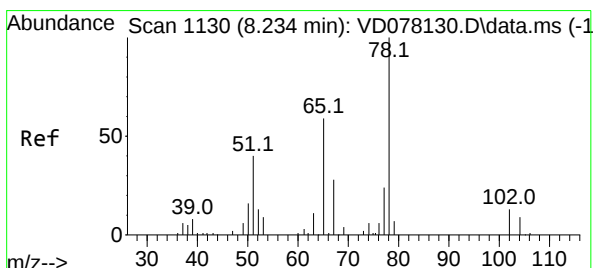
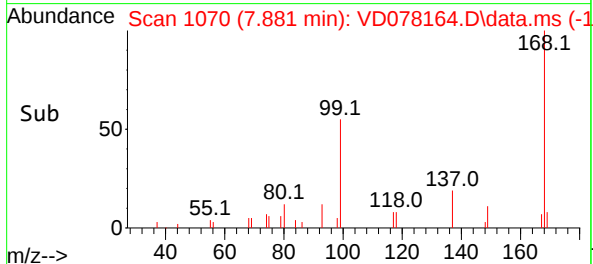
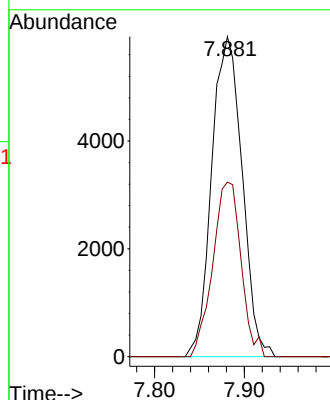
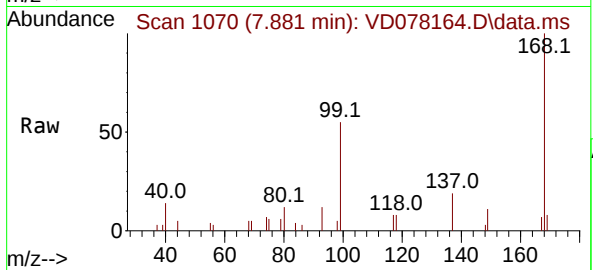




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

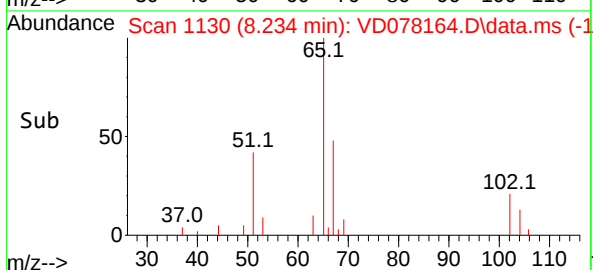
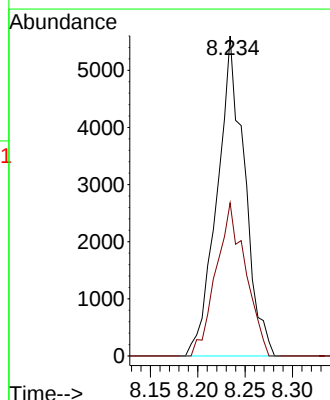
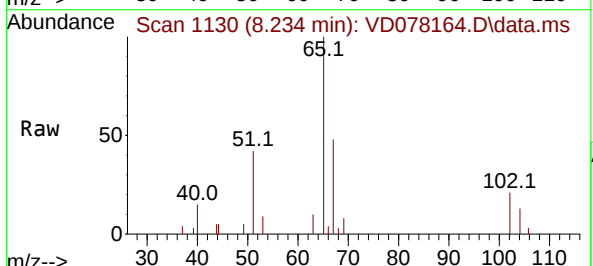
Instrument :
MSVOA_D
ClientSampleId :
MR-309-37-39

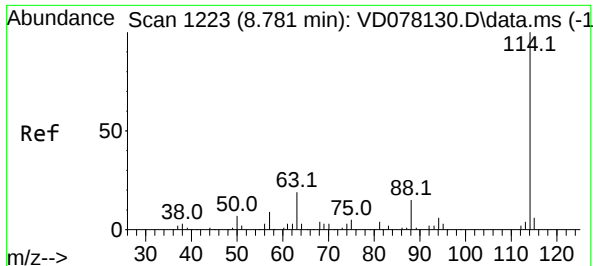
Tgt Ion:168 Resp: 13947
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 76.755 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

Tgt Ion: 65 Resp: 11270
Ion Ratio Lower Upper
65 100
67 51.4 0.0 115.0

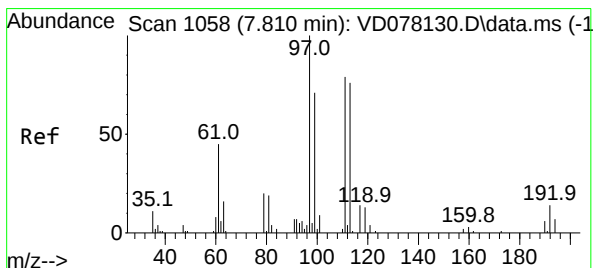
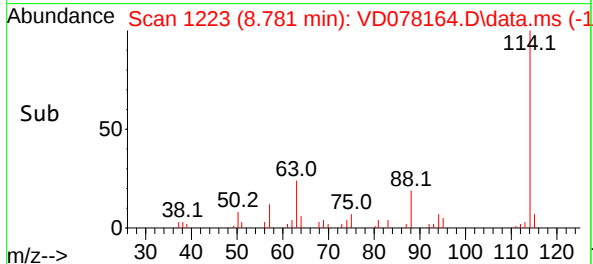
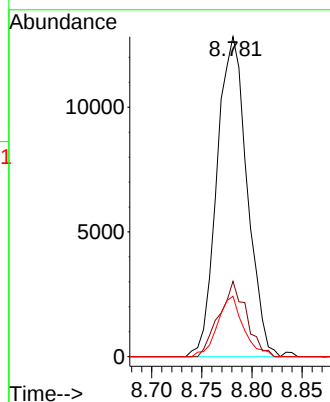
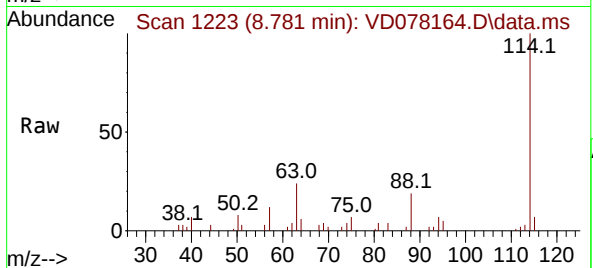




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

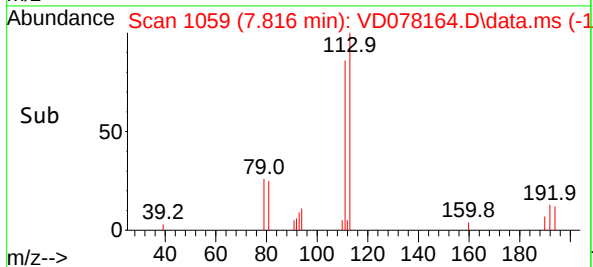
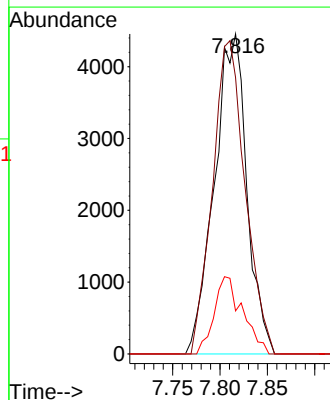
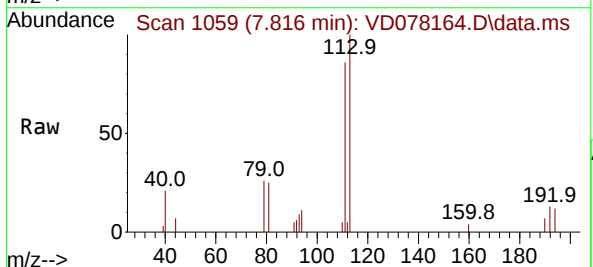
Instrument :
MSVOA_D
ClientSampleId :
MR-309-37-39

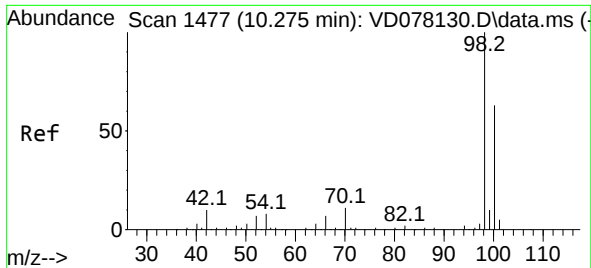
Tgt Ion:114 Resp: 26851
Ion Ratio Lower Upper
114 100
63 23.5 0.0 33.4
88 18.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.978 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

Tgt Ion:113 Resp: 10639
Ion Ratio Lower Upper
113 100
111 98.5 84.7 127.1
192 21.2 16.8 25.2

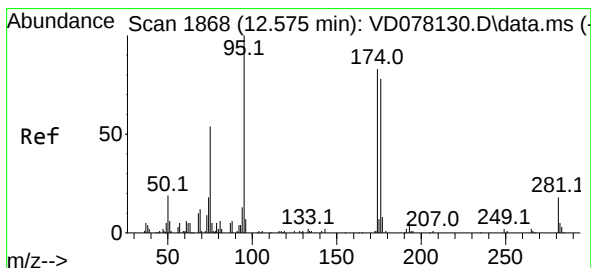
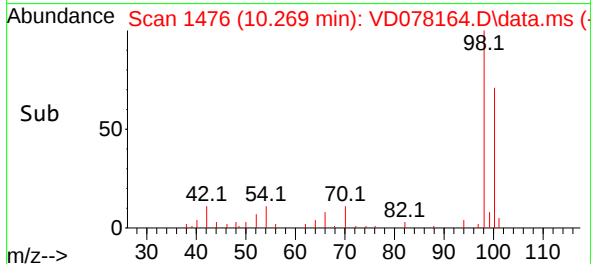
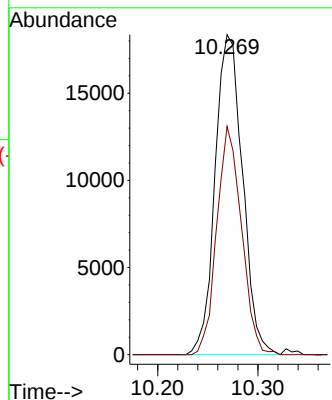
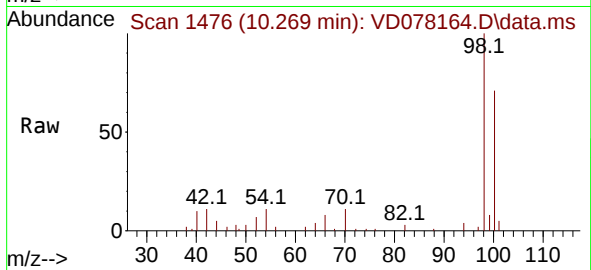




#50
Toluene-d8
Concen: 53.788 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

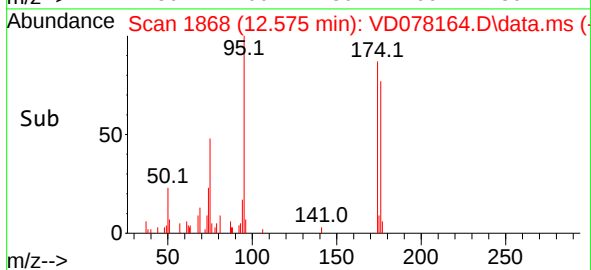
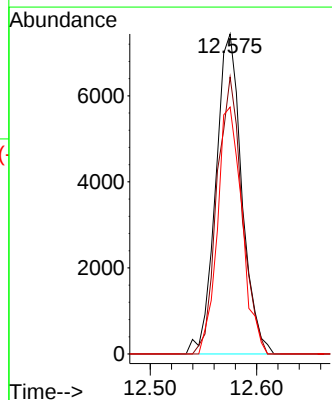
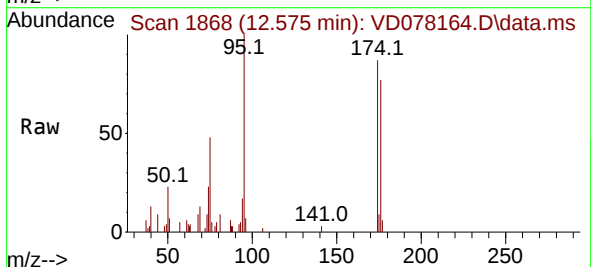
Instrument :
MSVOA_D
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MR-309-37-39

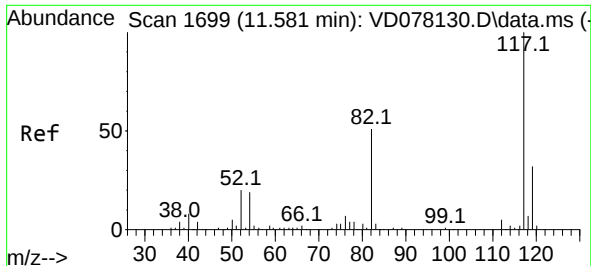
Tgt Ion: 98 Resp: 34908
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.892 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

Tgt Ion: 95 Resp: 12627
Ion Ratio Lower Upper
95 100
174 83.4 0.0 201.8
176 72.9 0.0 191.8

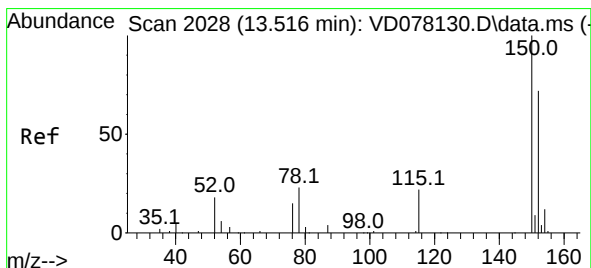
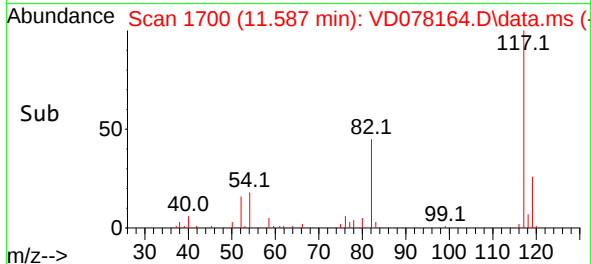
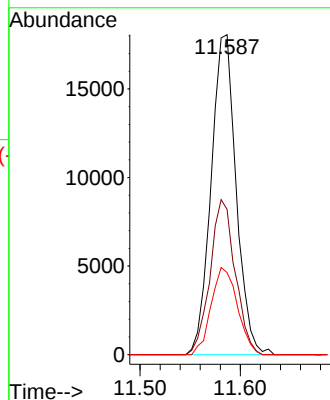
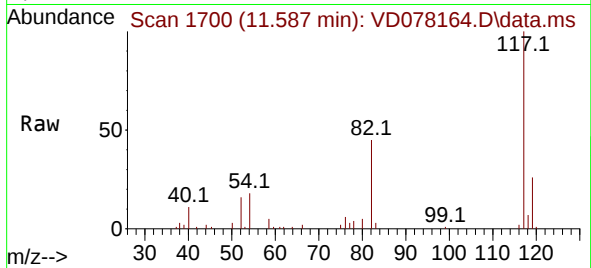




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078164.D
Acq: 15 Jan 2024 16:14

Instrument :
MSVOA_D
ClientSampleId :
MR-309-37-39

Tgt Ion:117 Resp: 31340
Ion Ratio Lower Upper
117 100
82 45.4 38.3 57.5
119 25.7 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: VD078164.D
Acq: 15 Jan 2024 16:14

Tgt Ion:152 Resp: 14003
Ion Ratio Lower Upper
152 100
115 60.6 27.1 81.3
150 160.3 0.0 353.6

