

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078200.D
 Acq On : 22 Jan 2024 19:32
 Operator : RP/MD
 Sample : BLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLK

Quant Time: Jan 23 05:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	153231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	311518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	299869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68643	39.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.480%
35) Dibromofluoromethane	7.810	113	88753	43.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.580%
50) Toluene-d8	10.275	98	385261	47.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.575	95	108619	46.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%

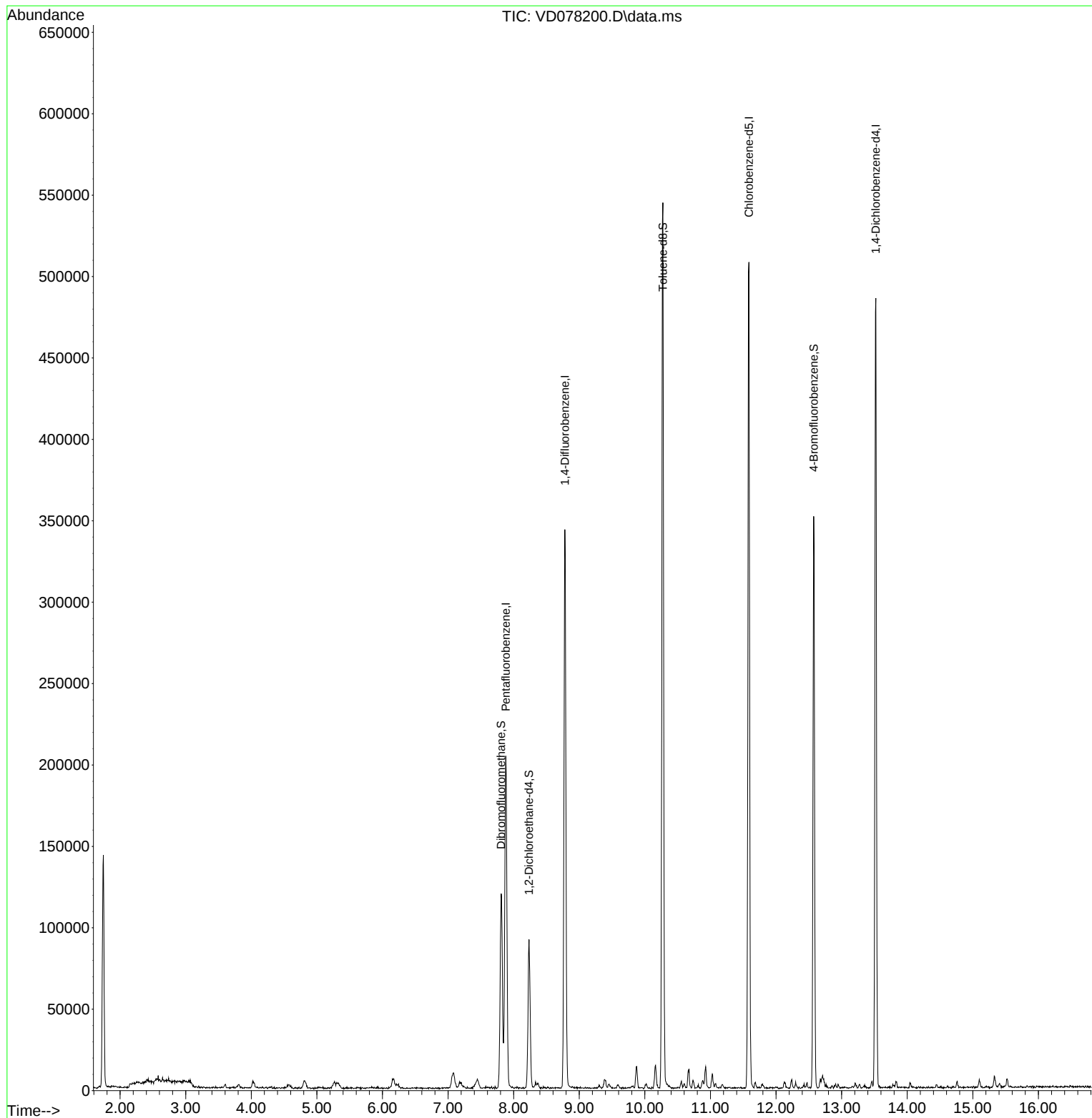
Target Compounds	Qvalue

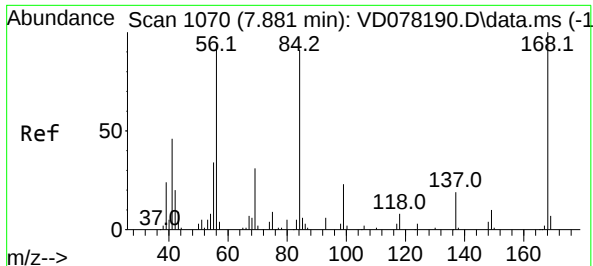
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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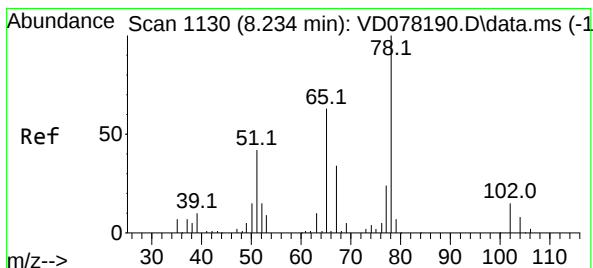
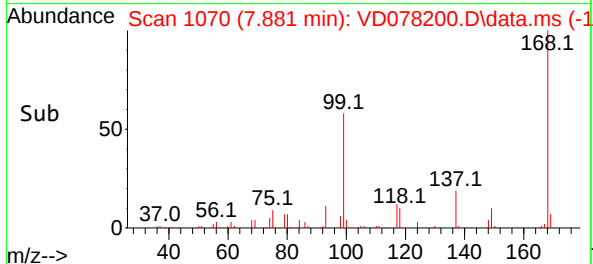
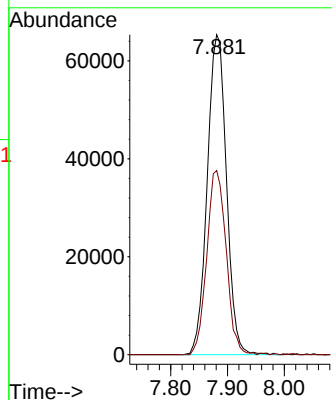
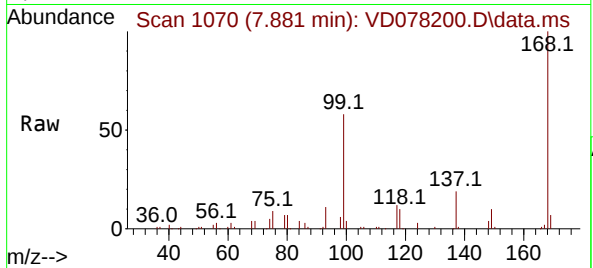




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

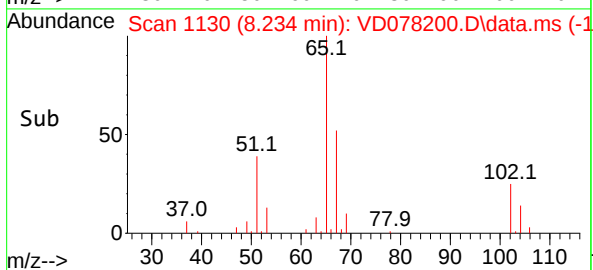
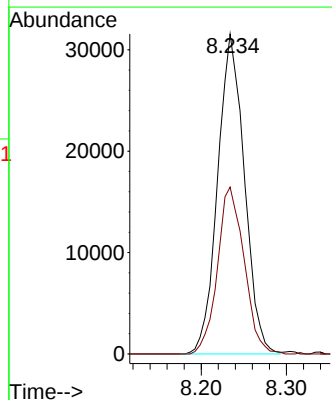
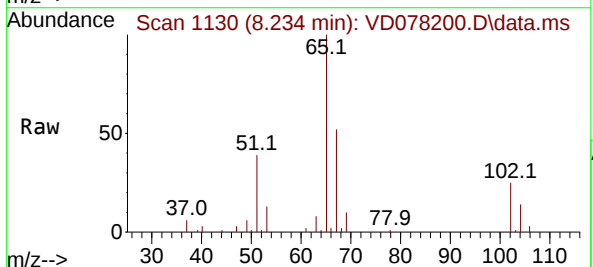
Instrument :
MSVOA_D
ClientSampleId :
BLK

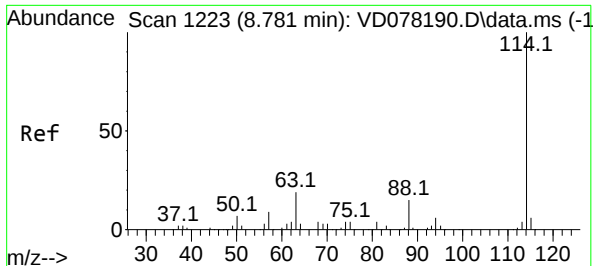
Tgt Ion:168 Resp: 153231
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 39.241 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 65 Resp: 68643
Ion Ratio Lower Upper
65 100
67 52.0 0.0 115.0

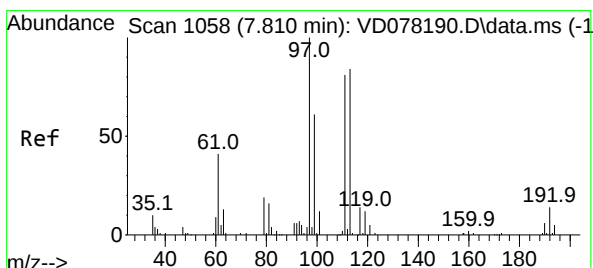
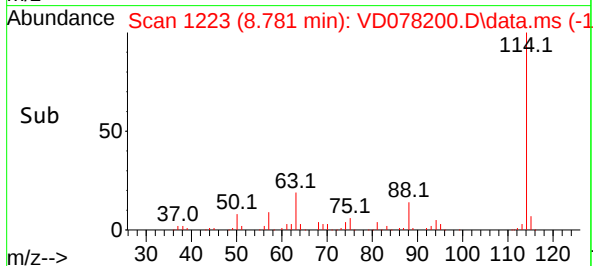
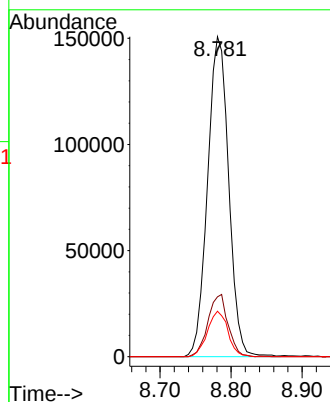
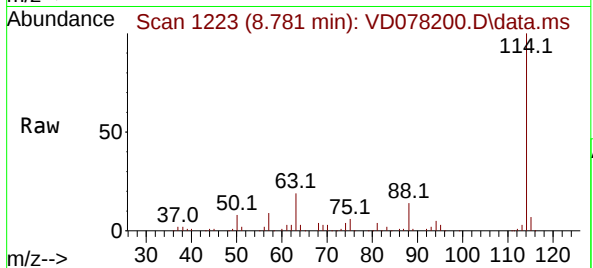




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

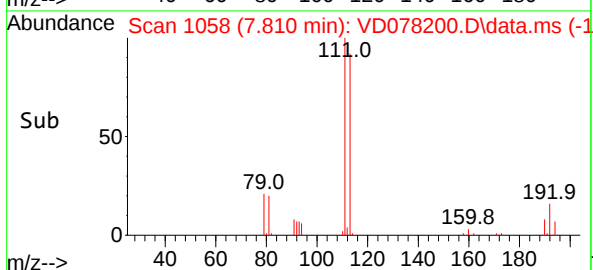
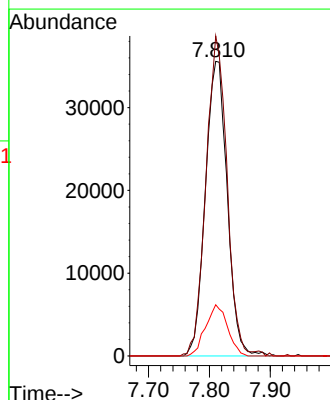
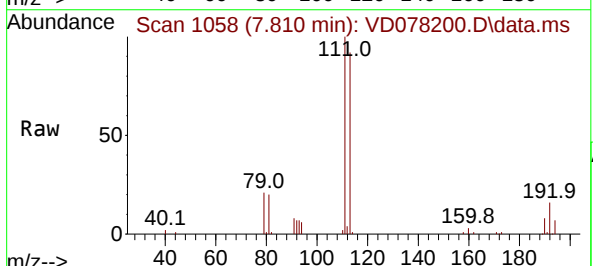
Instrument :
MSVOA_D
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BLK

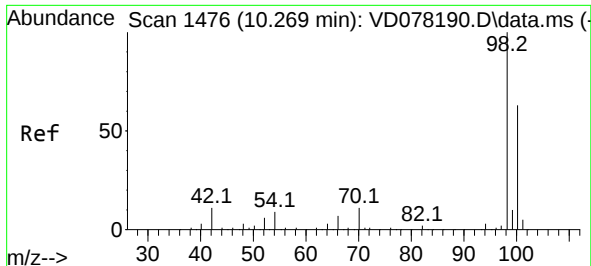
Tgt Ion:114 Resp: 311518
Ion Ratio Lower Upper
114 100
63 18.7 0.0 33.4
88 14.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.290 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion:113 Resp: 88753
Ion Ratio Lower Upper
113 100
111 104.2 84.7 127.1
192 17.5 16.8 25.2

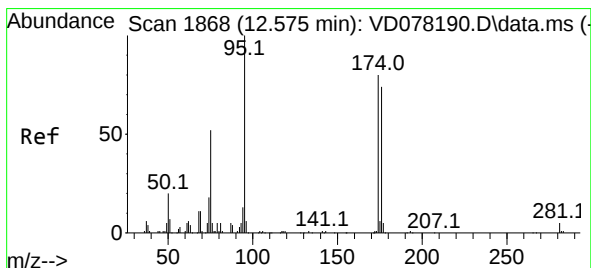
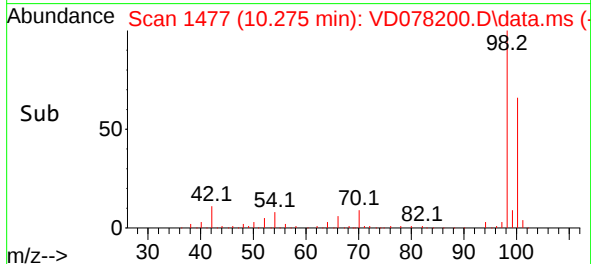
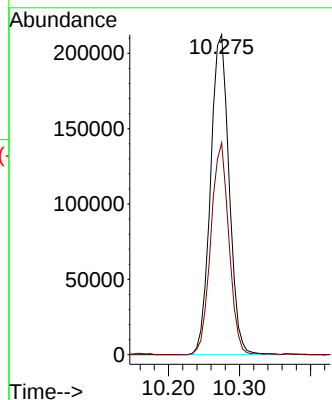
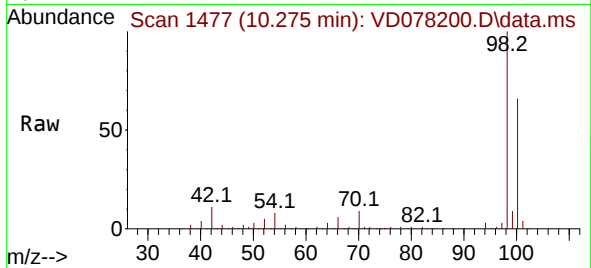




#50
Toluene-d8
Concen: 47.457 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

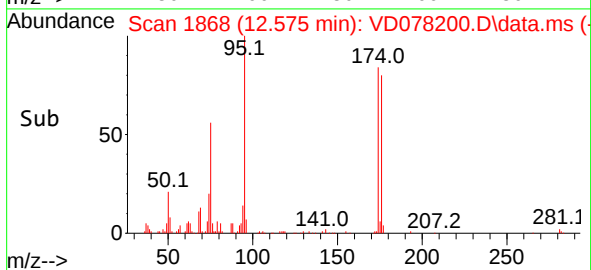
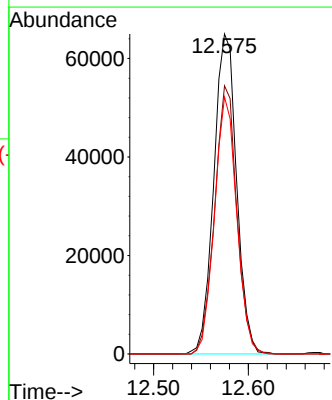
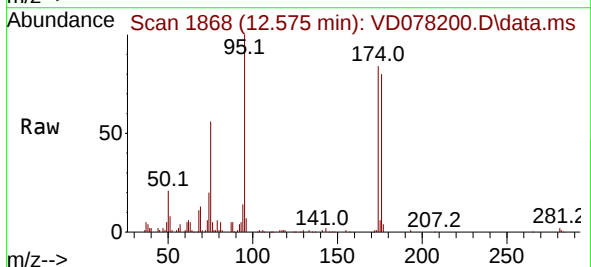
Instrument :
MSVOA_D
ClientSampleId :
BLK

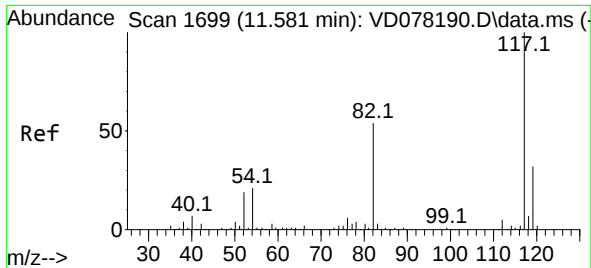
Tgt Ion: 98 Resp: 385261
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 95 Resp: 108619
Ion Ratio Lower Upper
95 100
174 81.8 0.0 201.8
176 78.1 0.0 191.8

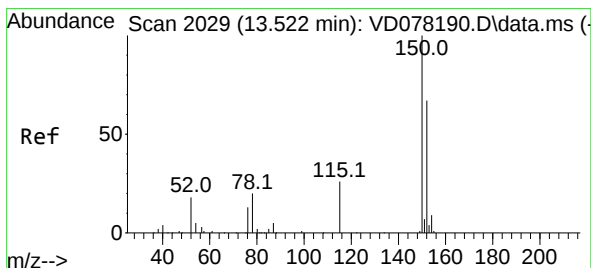
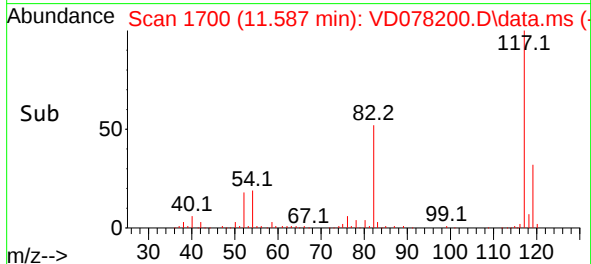
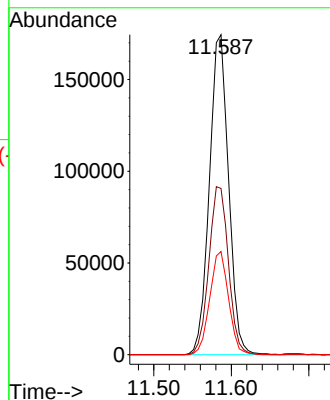
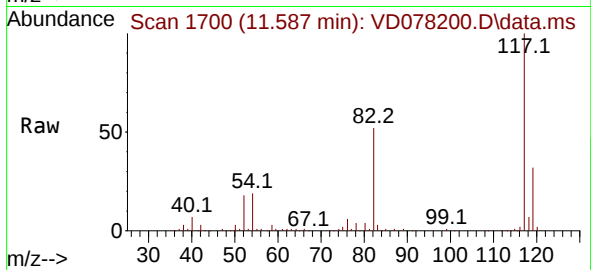




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :
BLK

Tgt Ion:117 Resp: 299869
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion:152 Resp: 124145
Ion Ratio Lower Upper
152 100
115 59.4 27.1 81.3
150 160.6 0.0 353.6

