

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080310.D
 Acq On : 13 May 2025 19:14
 Operator : RP/MD
 Sample : Q2004-05
 Misc : 4.73G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R0202

Quant Time: May 14 01:35:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	81019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	183764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	178142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	59684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	68252	65.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.280%
35) Dibromofluoromethane	7.806	113	68291	55.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.900%
50) Toluene-d8	10.270	98	244875	50.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.570	95	57203	36.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.440%

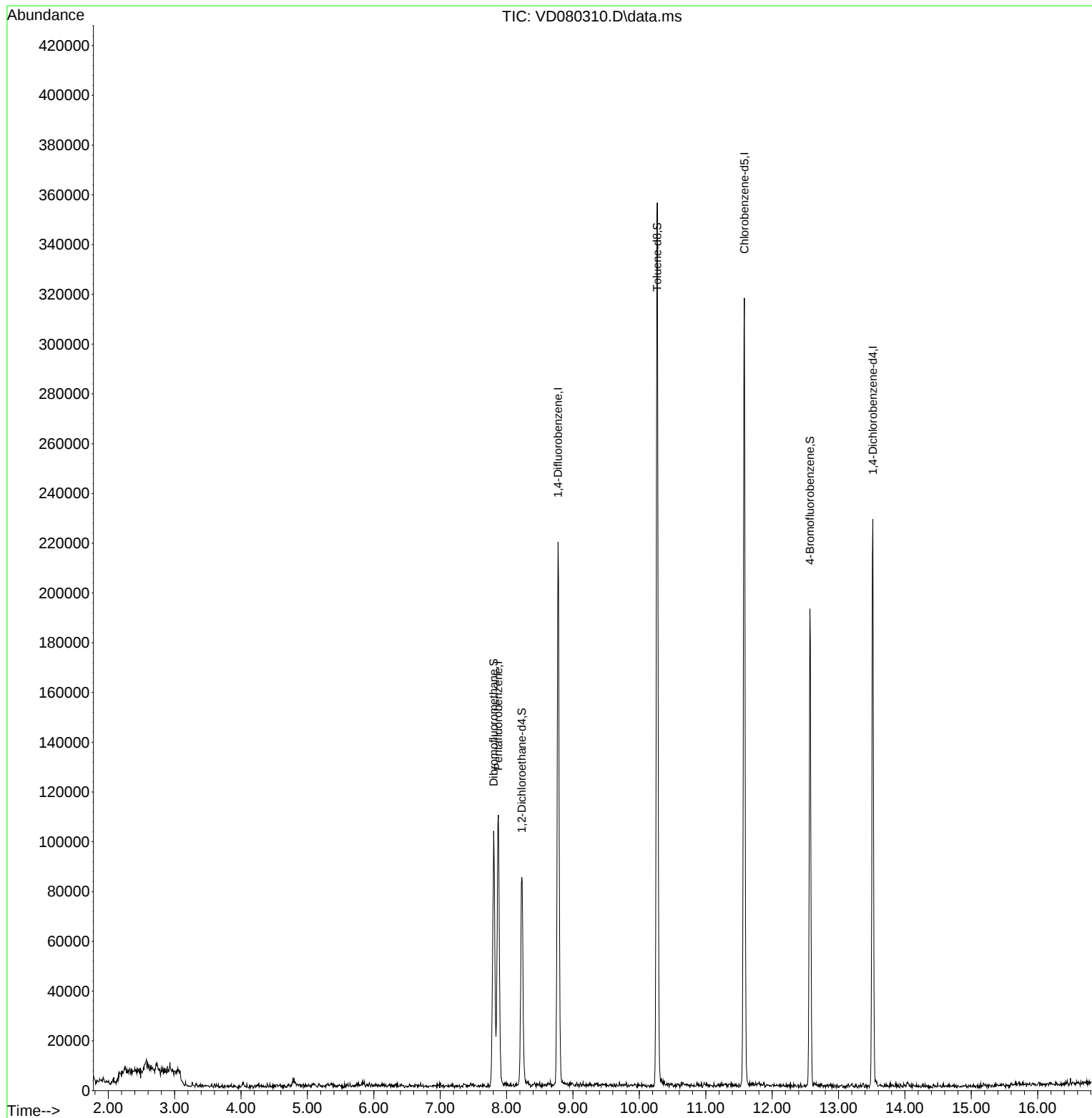
Target Compounds	Qvalue

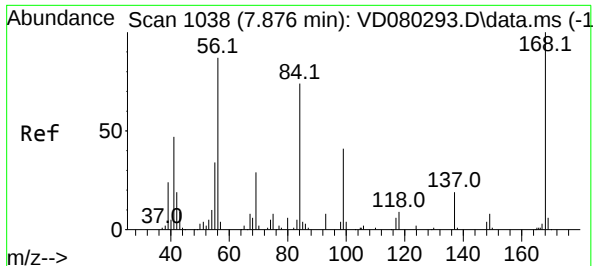
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080310.D
Acq On : 13 May 2025 19:14
Operator : RP/MD
Sample : Q2004-05
Misc : 4.73G/10ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
R0202

Quant Time: May 14 01:35:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

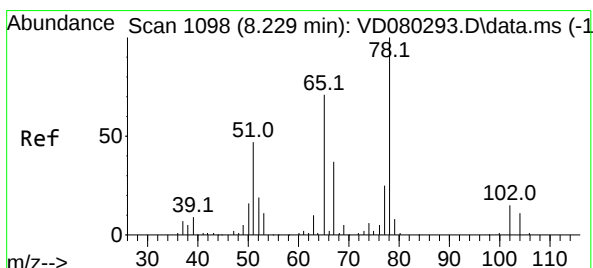
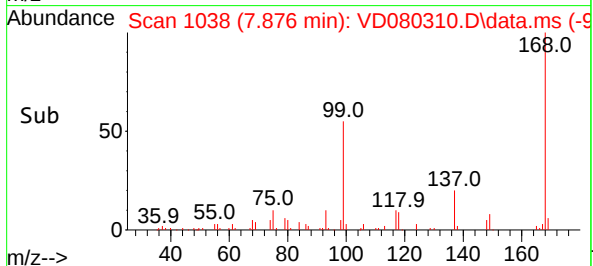
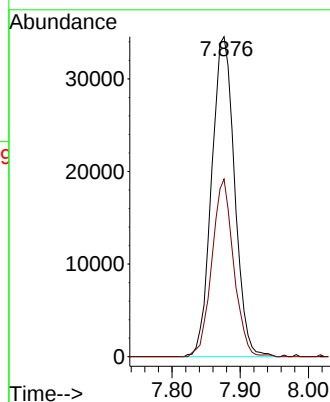
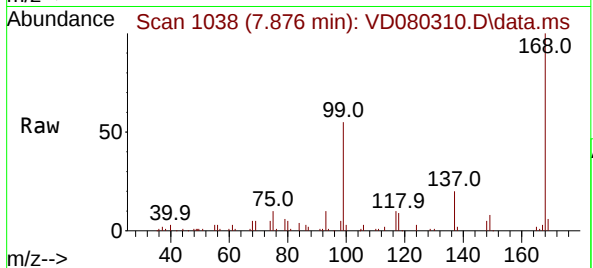




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

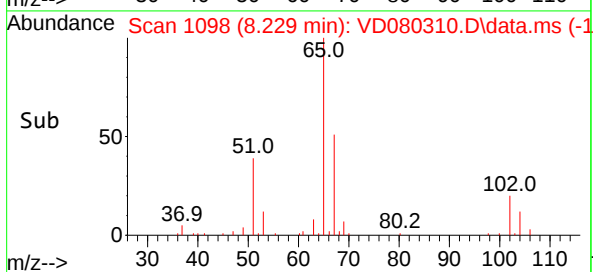
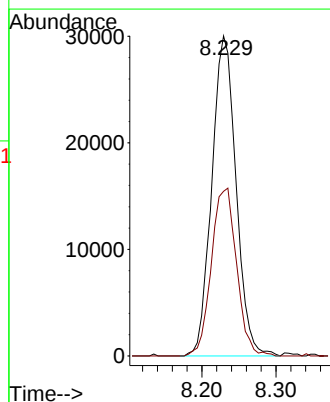
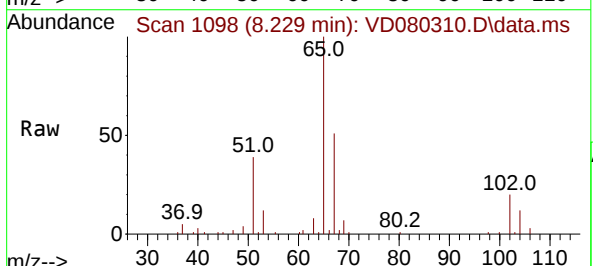
Instrument :
MSVOA_D
ClientSampleId :
R0202

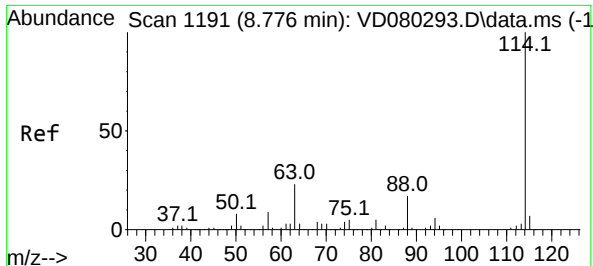
Tgt Ion:168 Resp: 81019
Ion Ratio Lower Upper
168 100
99 55.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 65.144 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

Tgt Ion: 65 Resp: 68252
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080310.D

Acq: 13 May 2025 19:14

Instrument :

MSVOA_D

ClientSampleId :

R0202

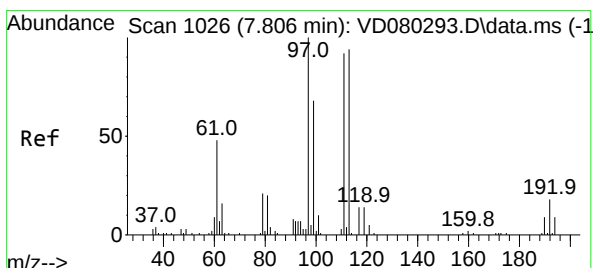
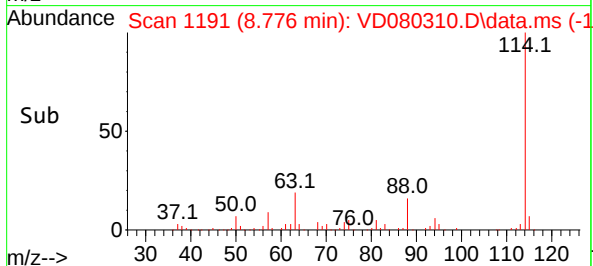
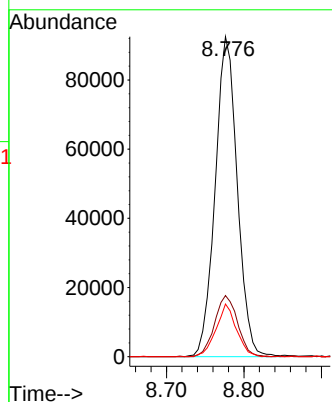
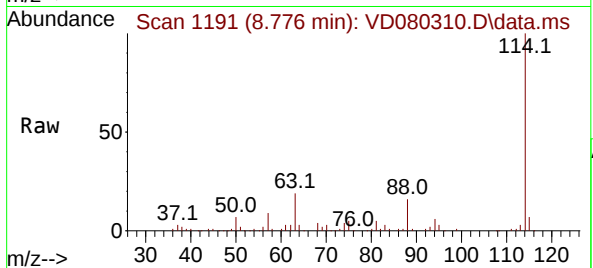
Tgt Ion:114 Resp: 183764

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.447 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080310.D

Acq: 13 May 2025 19:14

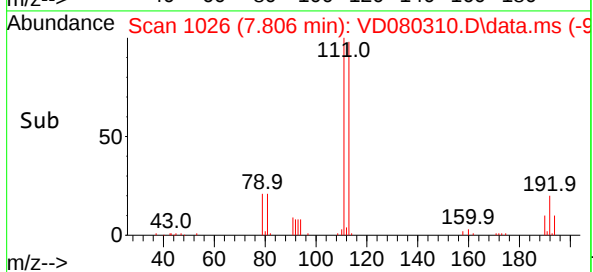
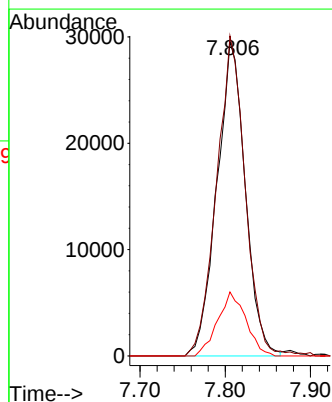
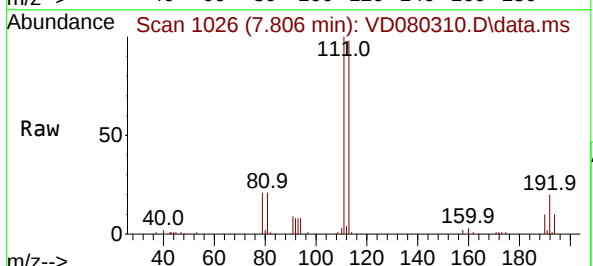
Tgt Ion:113 Resp: 68291

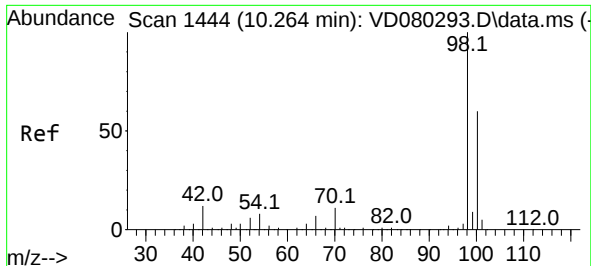
Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 20.3 16.6 25.0

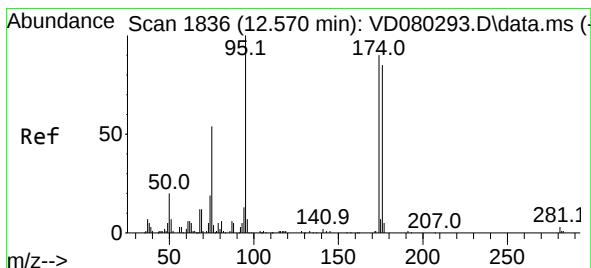
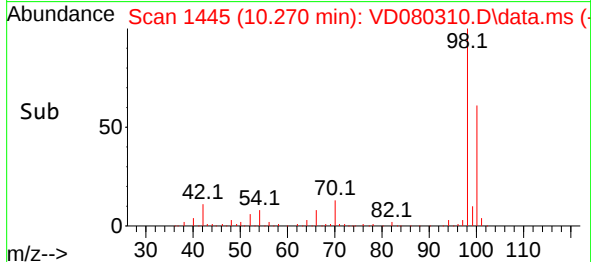
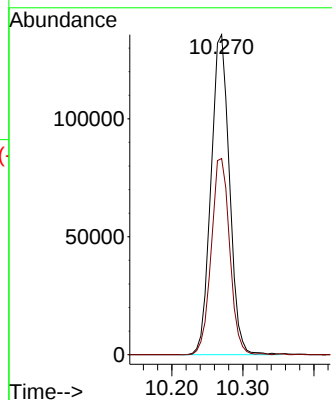
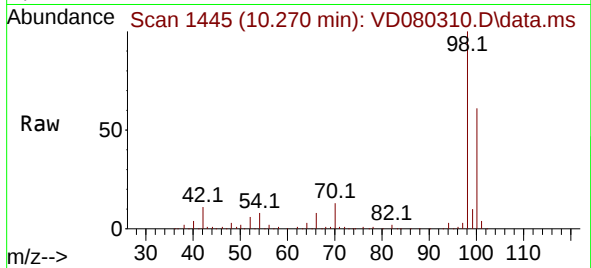




#50
Toluene-d8
Concen: 50.460 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

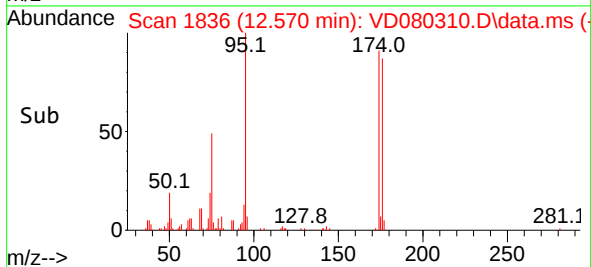
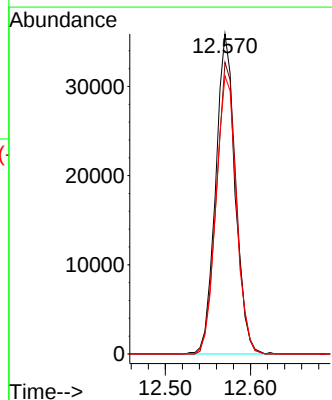
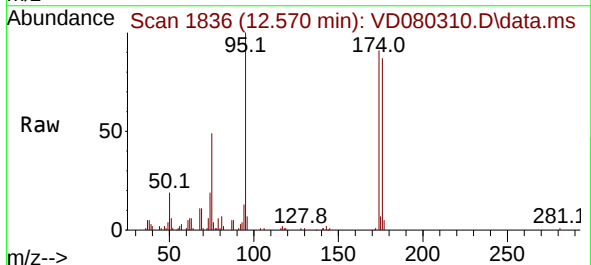
Instrument :
MSVOA_D
ClientSampleId :
R0202

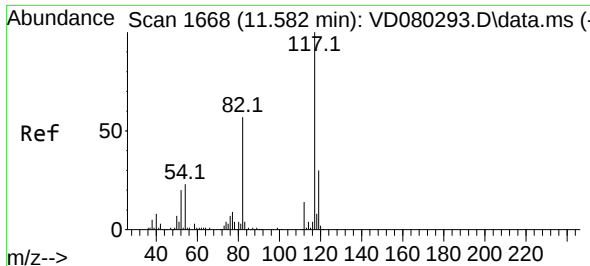
Tgt Ion: 98 Resp: 244875
Ion Ratio Lower Upper
98 100
100 61.2 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 36.725 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

Tgt Ion: 95 Resp: 57203
Ion Ratio Lower Upper
95 100
174 93.3 0.0 173.4
176 90.5 0.0 166.6

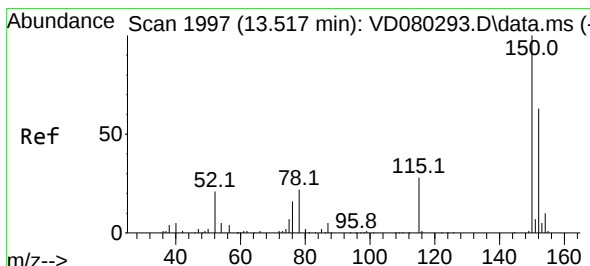
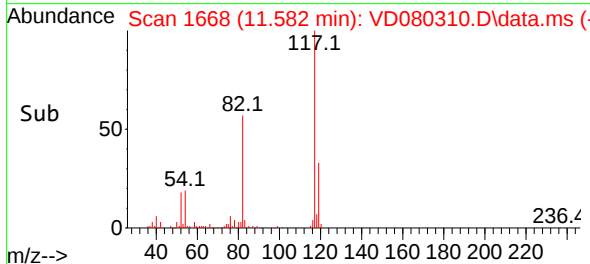
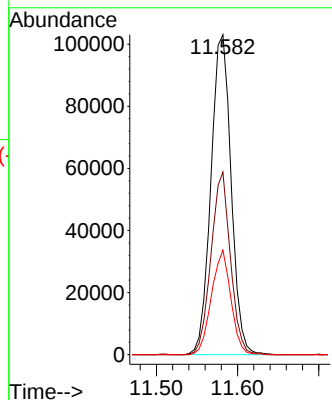
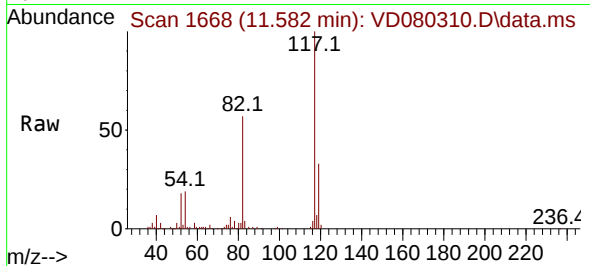




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1171
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

Instrument :
MSVOA_D
ClientSampleId :
R0202

Tgt Ion:117 Resp: 178142
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080310.D
Acq: 13 May 2025 19:14

Tgt Ion:152 Resp: 59684
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 158.3 0.0 354.8

