

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080322.D
 Acq On : 14 May 2025 15:07
 Operator : RP/MD
 Sample : Q2004-11
 Misc : 6.19G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-STOCK

Quant Time: May 15 03:35:56 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	74195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	194129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	191368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	85298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	67022	69.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.700%
35) Dibromofluoromethane	7.806	113	76968	59.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.320%
50) Toluene-d8	10.270	98	262378	51.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.570	95	75115	45.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%

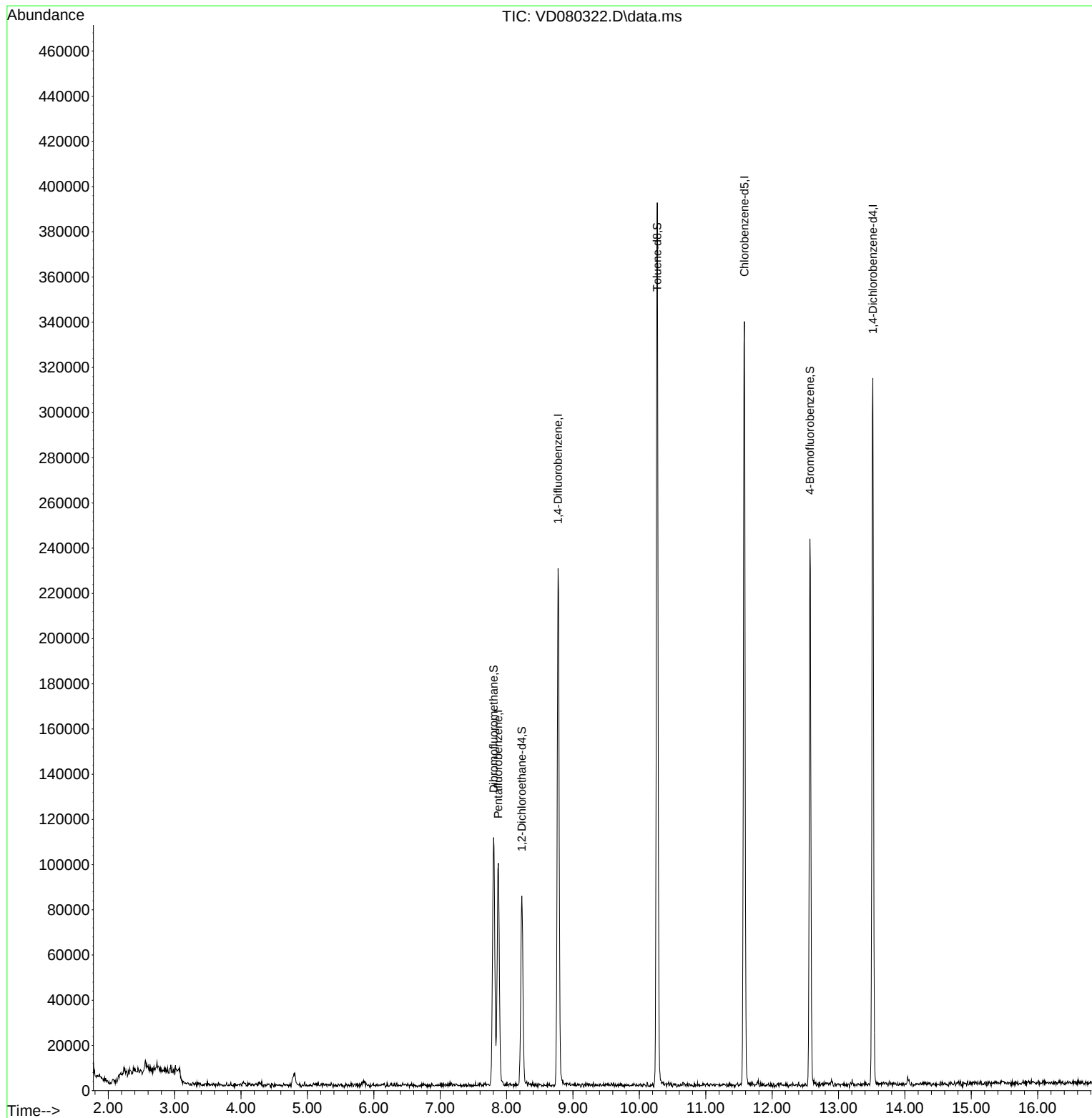
Target Compounds	Qvalue

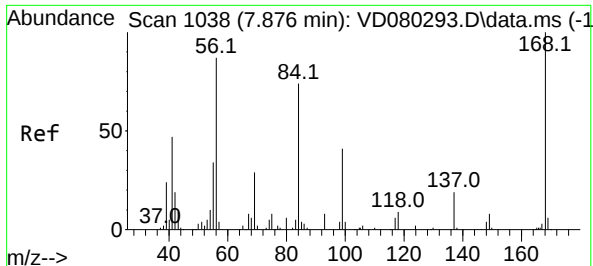
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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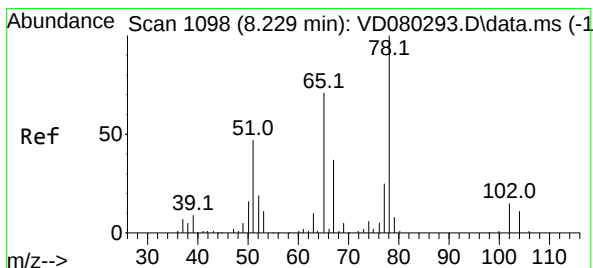
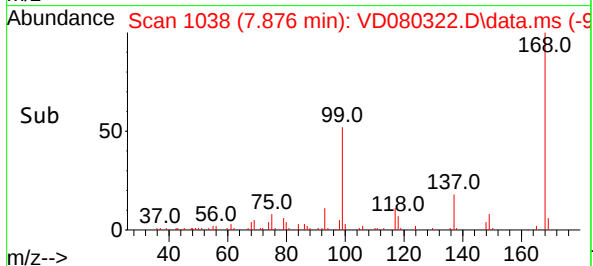
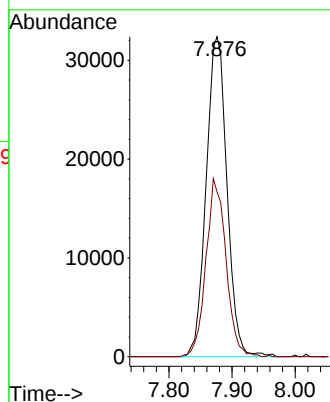
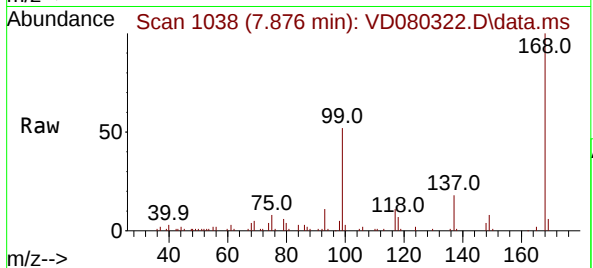




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080322.D
Acq: 14 May 2025 15:07

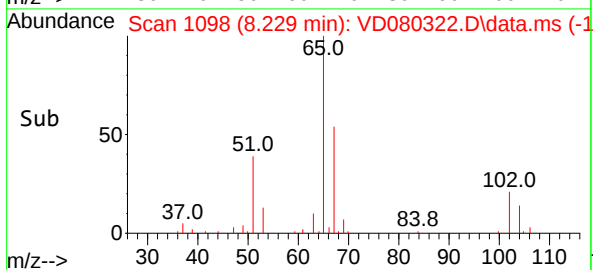
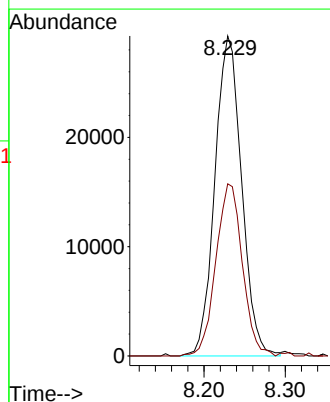
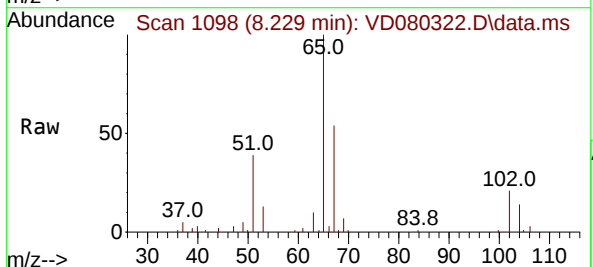
Instrument :
MSVOA_D
ClientSampleId :
STONE-STOCK

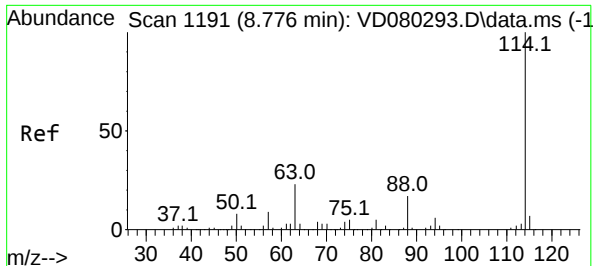
Tgt Ion:168 Resp: 74195
Ion Ratio Lower Upper
168 100
99 51.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 69.853 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080322.D
Acq: 14 May 2025 15:07

Tgt Ion: 65 Resp: 67022
Ion Ratio Lower Upper
65 100
67 53.3 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: VD080322.D

Acq: 14 May 2025 15:07

Instrument :

MSVOA_D

ClientSampleId :

STONE-STOCK

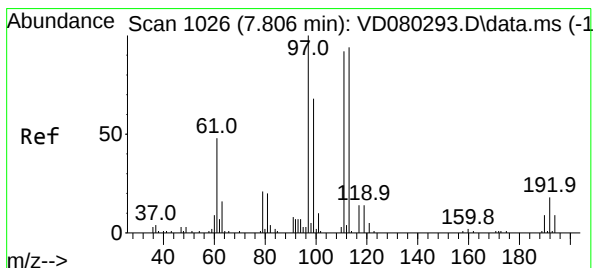
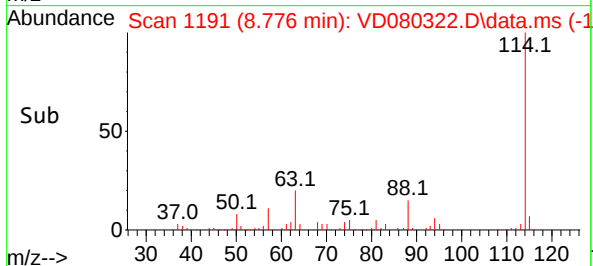
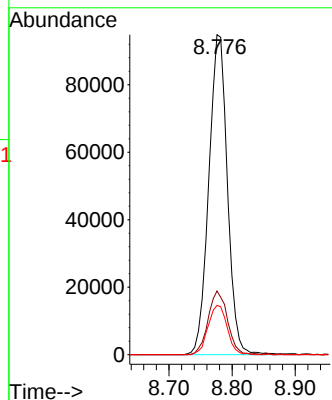
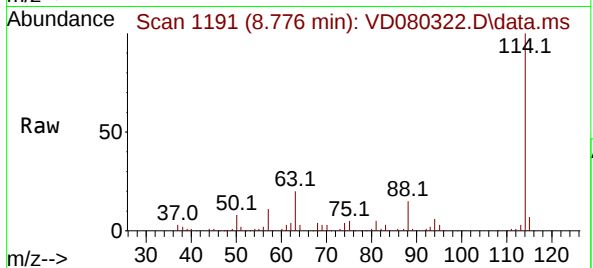
Tgt Ion:114 Resp: 194129

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.155 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080322.D

Acq: 14 May 2025 15:07

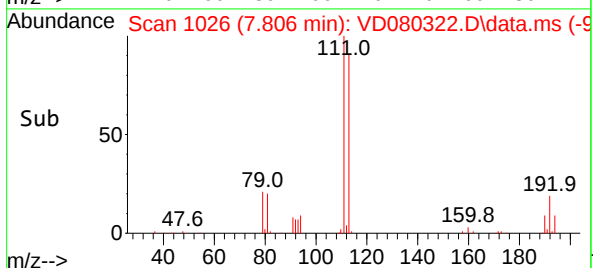
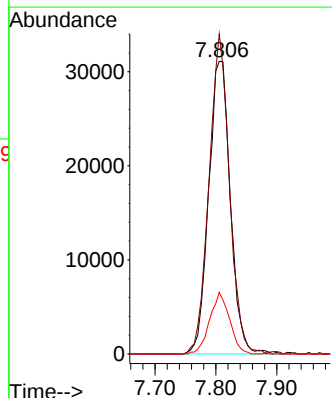
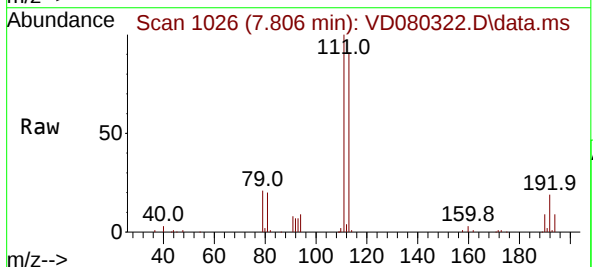
Tgt Ion:113 Resp: 76968

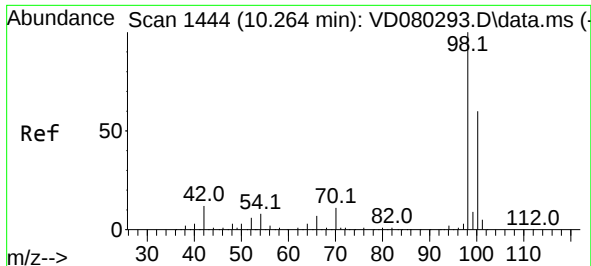
Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 19.3 16.6 25.0

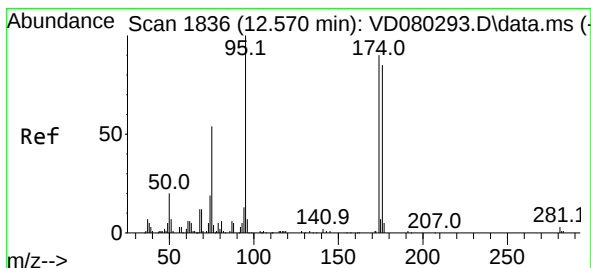
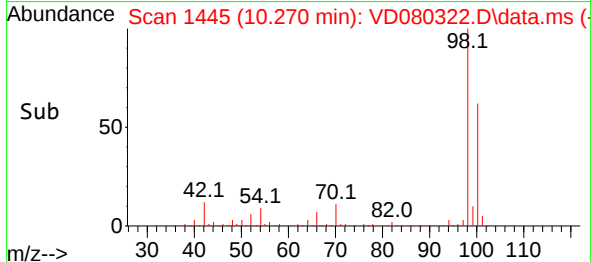
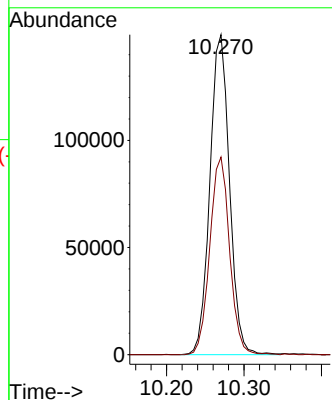
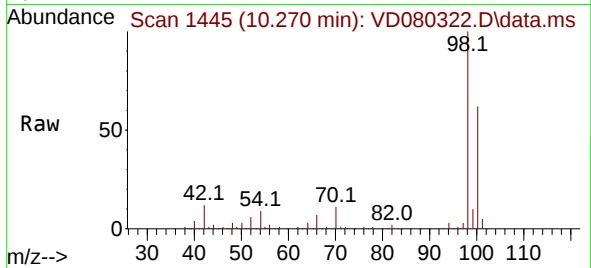




#50
Toluene-d8
Concen: 51.180 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080322.D
Acq: 14 May 2025 15:07

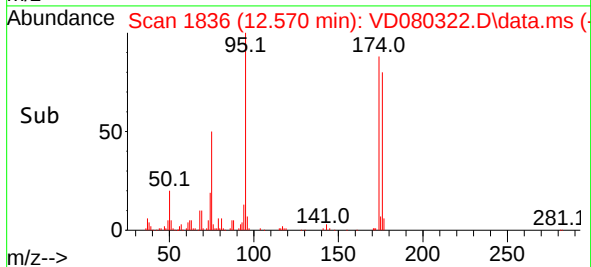
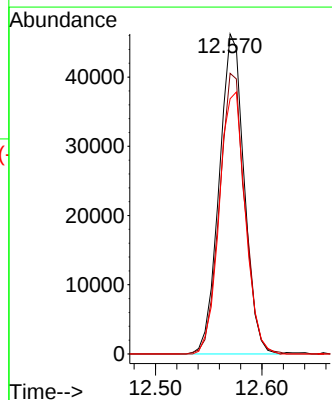
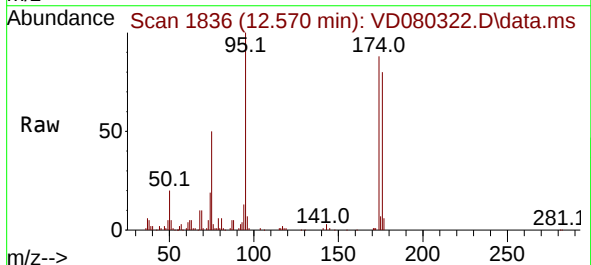
Instrument :
MSVOA_D
ClientSampleId :
STONE-STOCK

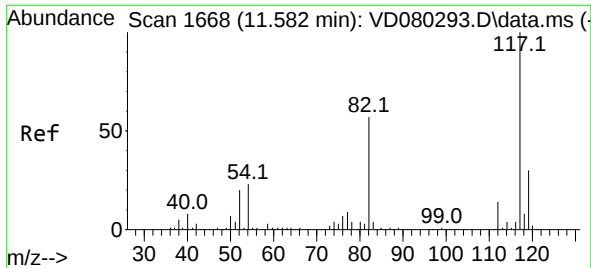
Tgt Ion: 98 Resp: 262378
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080322.D
Acq: 14 May 2025 15:07

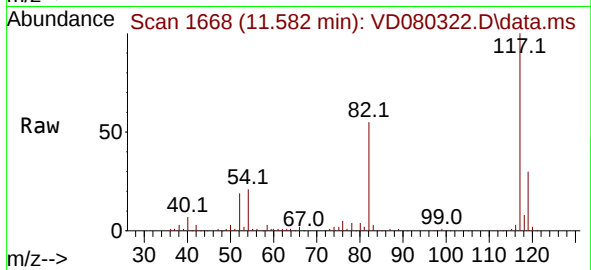
Tgt Ion: 95 Resp: 75115
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.4
176 85.3 0.0 166.6



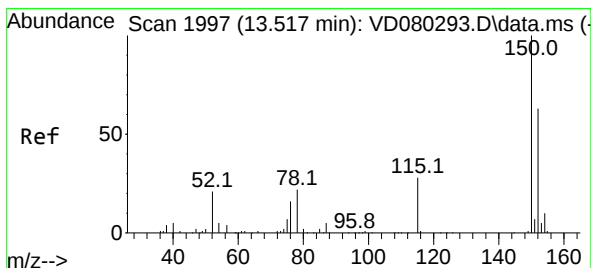
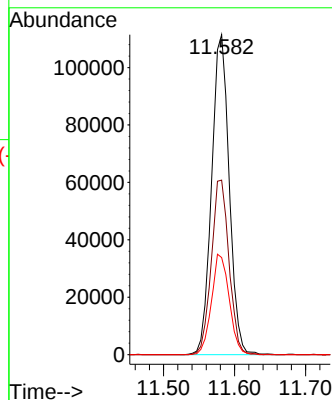
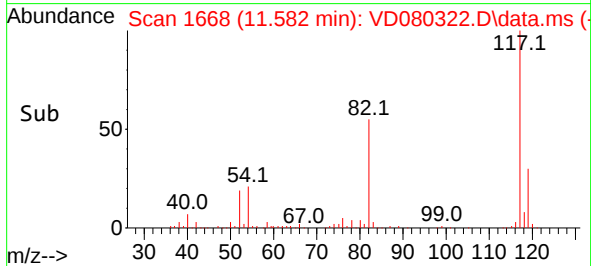


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD080322.D
Acq: 14 May 2025 15:07

Instrument :
MSVOA_D
ClientSampleId :
STONE-STOCK



Tgt Ion:117 Resp: 191368
Ion Ratio Lower Upper
117 100
82 54.6 45.8 68.6
119 30.3 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: VD080322.D
Acq: 14 May 2025 15:07

Tgt Ion:152 Resp: 85298
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 155.4 0.0 354.8

