

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080300.D
 Acq On : 13 May 2025 14:12
 Operator : RP/MD
 Sample : VD0513SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL01

Quant Time: May 14 01:32:49 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	113796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	217976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	194430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	85586	50.000	ug/l	0.00

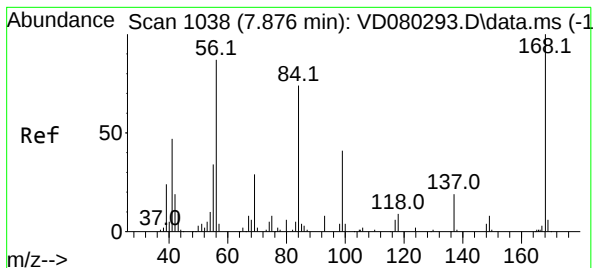
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	69060	46.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.860%
35) Dibromofluoromethane	7.805	113	77298	52.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.270	98	273872	47.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.570	95	73798	39.943	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.880%

Target Compounds	Qvalue

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

Quant Time: May 14 01:32:49 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

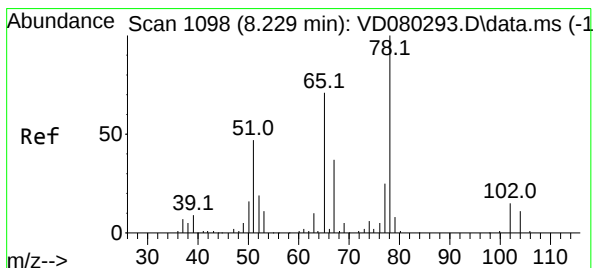
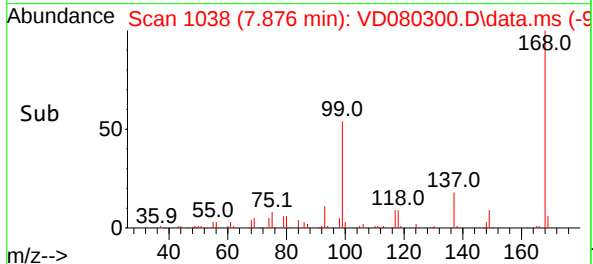
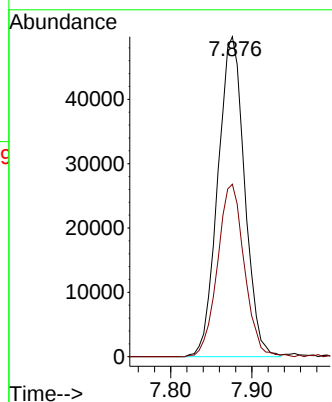
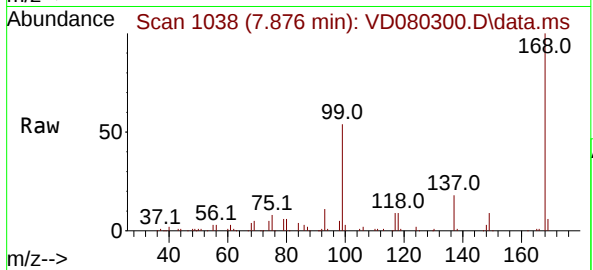




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

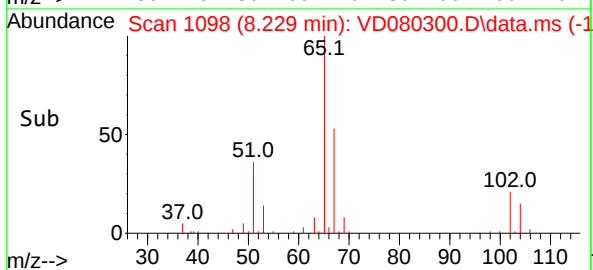
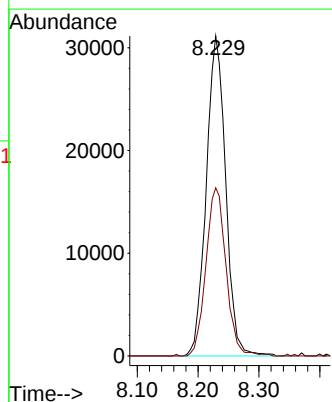
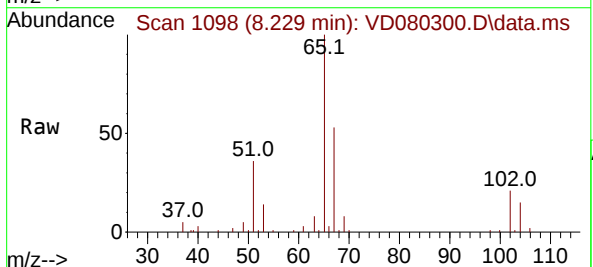
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

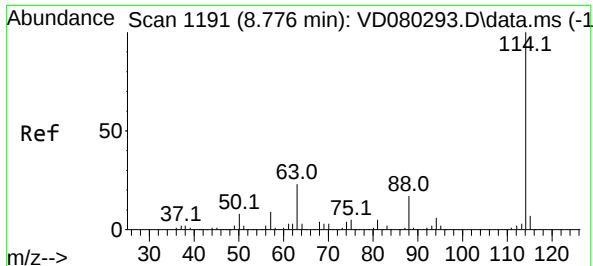
Tgt Ion:168 Resp: 113796
Ion Ratio Lower Upper
168 100
99 53.9 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 46.929 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

Tgt Ion: 65 Resp: 69060
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.2

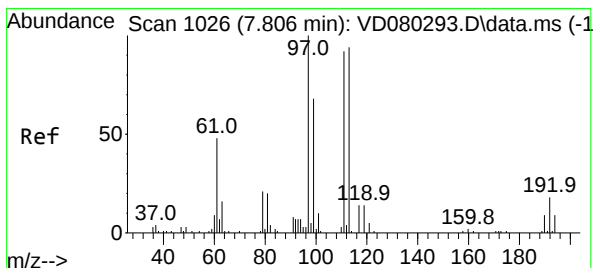
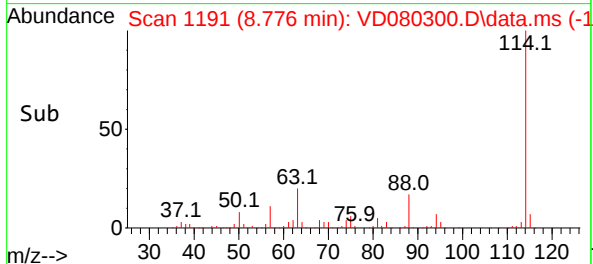
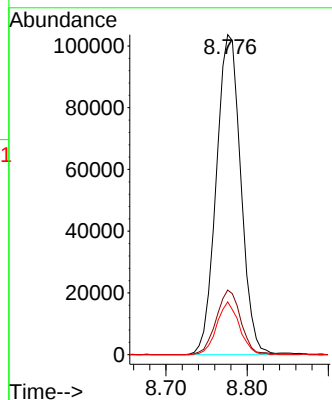
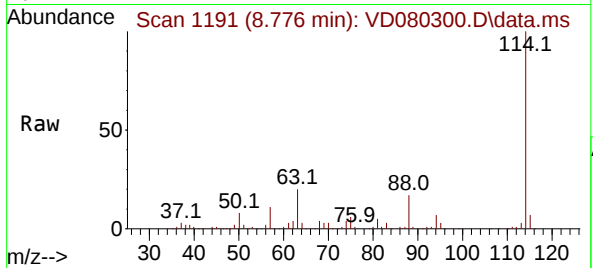




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

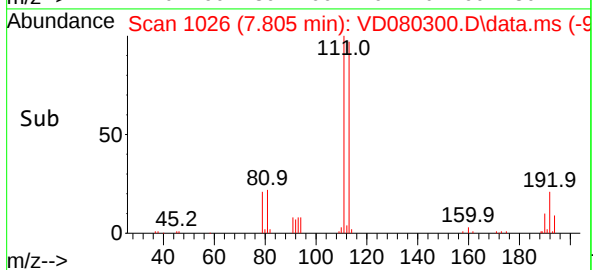
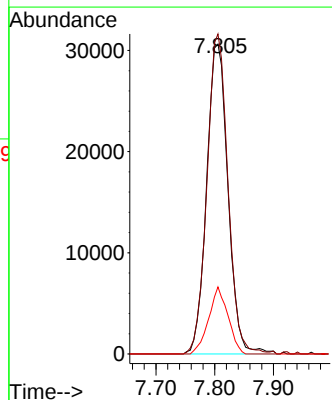
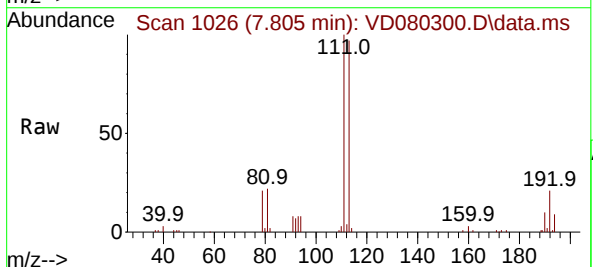
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

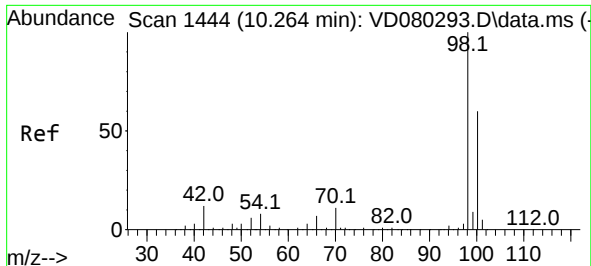
Tgt Ion:114 Resp: 217976
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.8
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.909 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

Tgt Ion:113 Resp: 77298
Ion Ratio Lower Upper
113 100
111 101.6 82.5 123.7
192 19.5 16.6 25.0

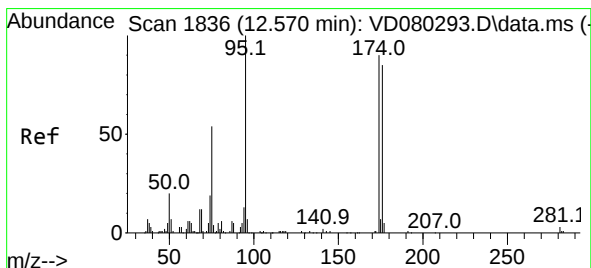
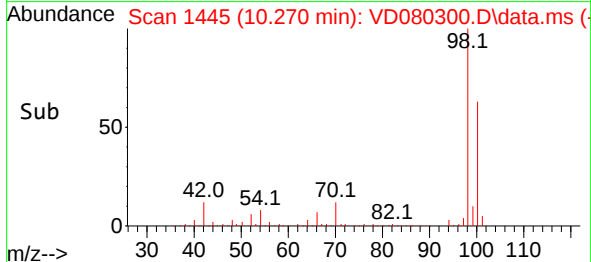
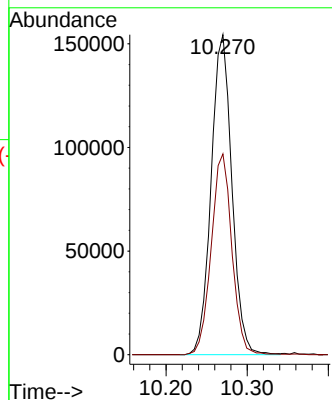
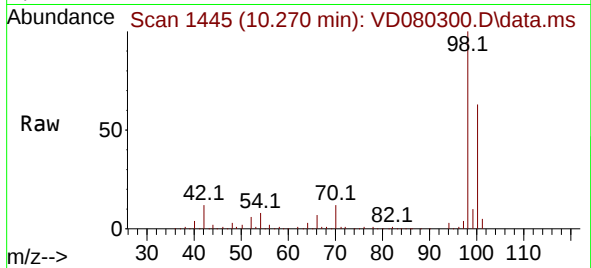




#50
Toluene-d8
Concen: 47.577 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

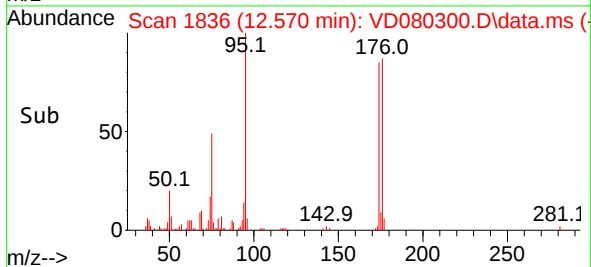
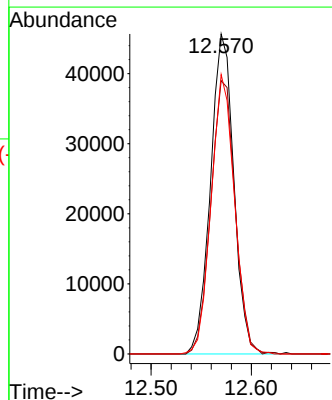
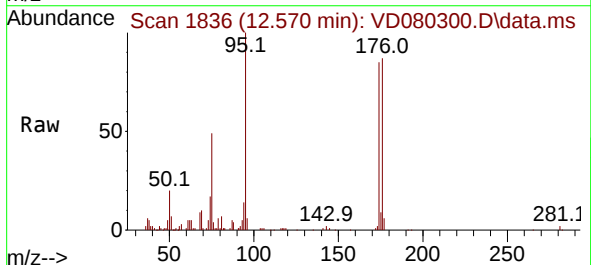
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

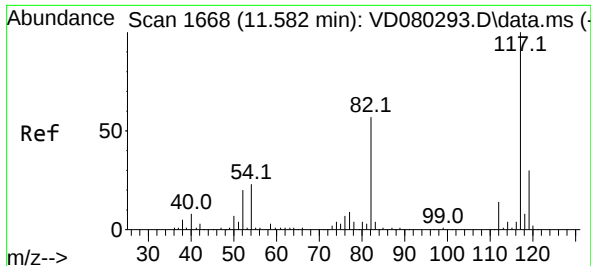
Tgt Ion: 98 Resp: 273872
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 39.943 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

Tgt Ion: 95 Resp: 73798
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.4
176 87.5 0.0 166.6

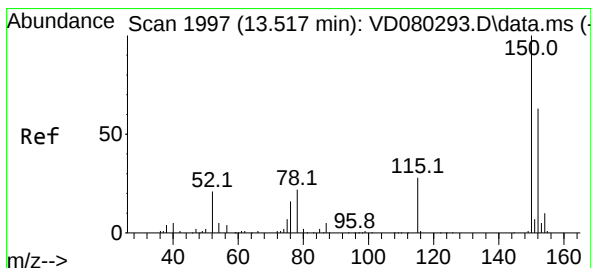
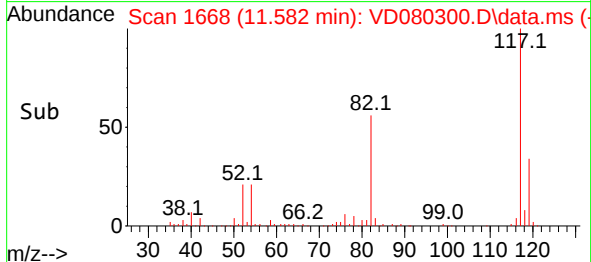
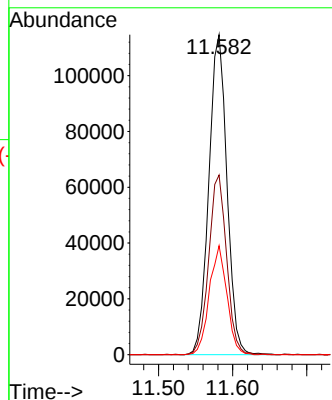
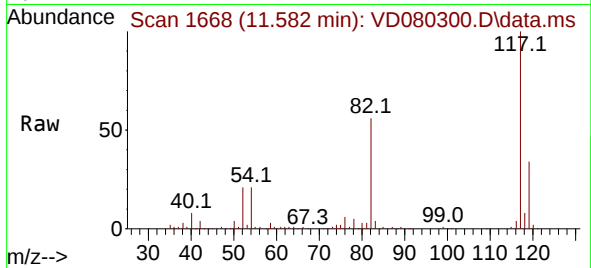




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080300.D
Acq: 13 May 2025 14:12

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL01

Tgt Ion:117 Resp: 194430
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.6
119 34.0 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: VD080300.D
Acq: 13 May 2025 14:12

Tgt Ion:152 Resp: 85586
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.8
150 160.4 0.0 354.8

