

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080328.D
 Acq On : 14 May 2025 17:55
 Operator : RP/MD
 Sample : Q2019-03
 Misc : 4.23G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-K-VOC

Quant Time: May 15 03:38:01 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	66044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	174278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	174570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	79539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	63143	73.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.860%
35) Dibromofluoromethane	7.811	113	71235	60.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.960%
50) Toluene-d8	10.270	98	238714	51.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.570	95	65110	44.076	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.160%

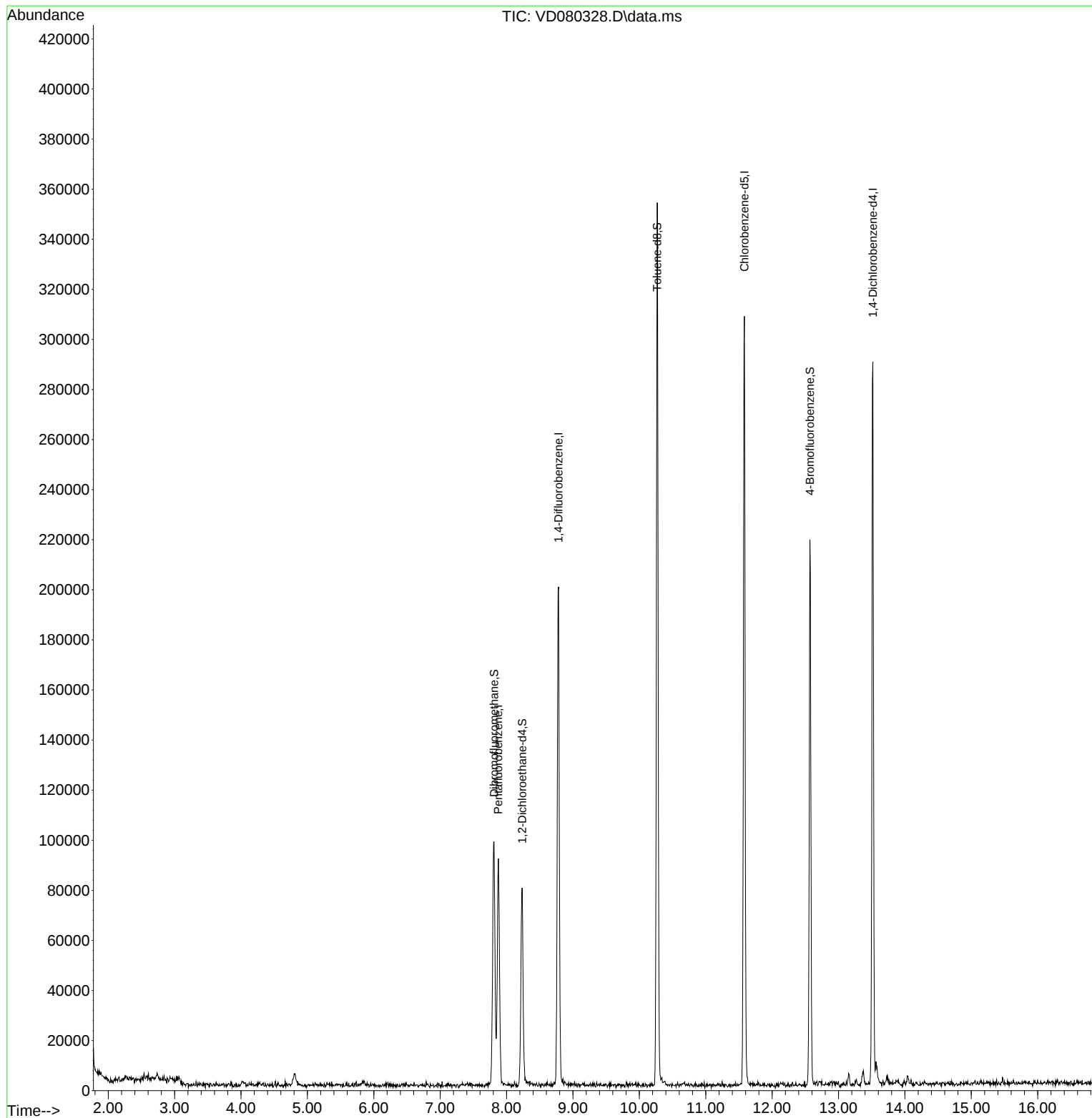
Target Compounds	Qvalue

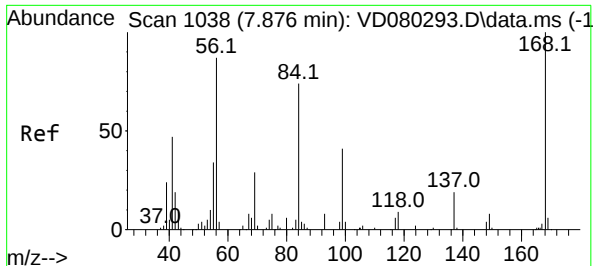
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
Data File : VD080328.D
Acq On : 14 May 2025 17:55
Operator : RP/MD
Sample : Q2019-03
Misc : 4.23G/10ml/MSVOA_D/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-K-VOC

Quant Time: May 15 03:38:01 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

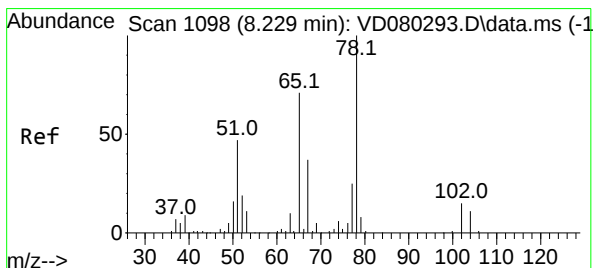
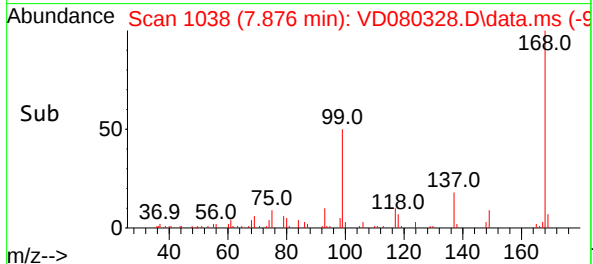
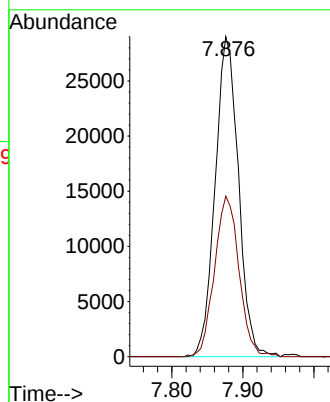
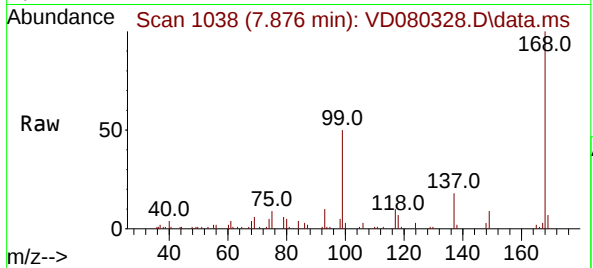




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VD080328.D
Acq: 14 May 2025 17:55

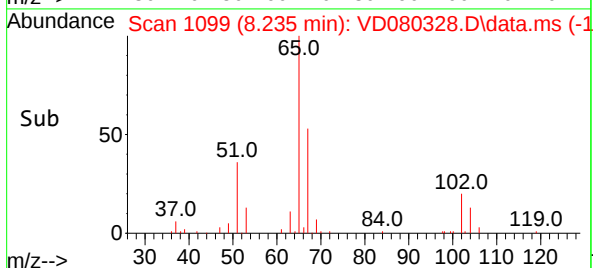
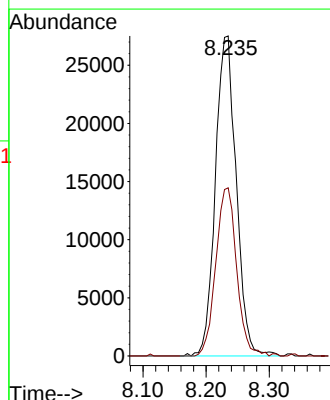
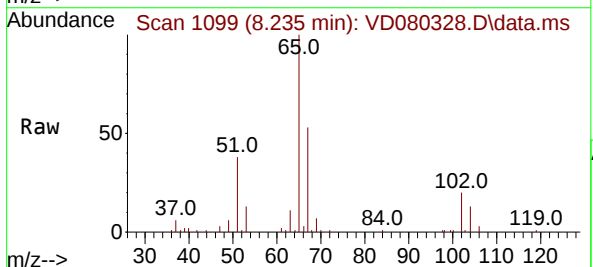
Instrument :
MSVOA_D
ClientSampleId :
MH-K-VOC

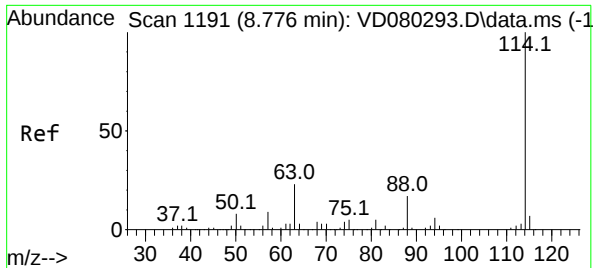
Tgt Ion:168 Resp: 66044
Ion Ratio Lower Upper
168 100
99 50.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 73.933 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VD080328.D
Acq: 14 May 2025 17:55

Tgt Ion: 65 Resp: 63143
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.782 min Scan# 1191

Delta R.T. 0.007 min

Lab File: VD080328.D

Acq: 14 May 2025 17:55

Instrument :

MSVOA_D

ClientSampleId :

MH-K-VOC

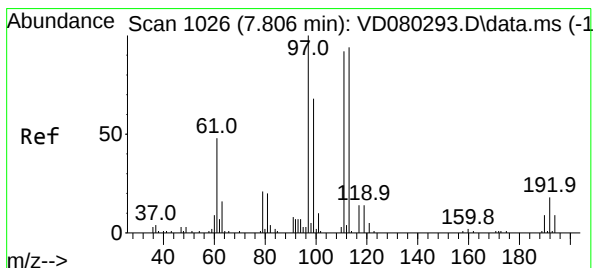
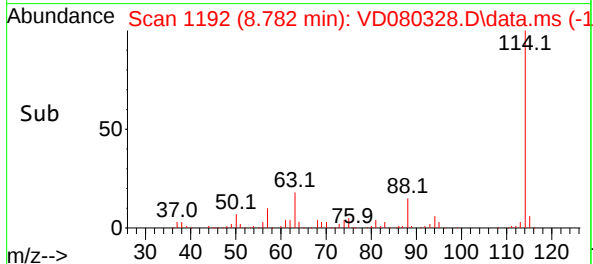
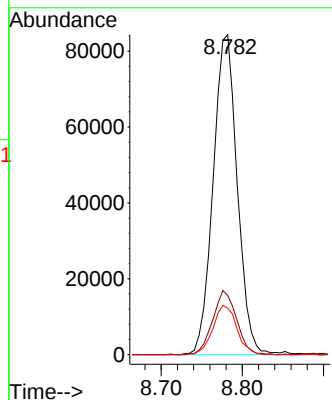
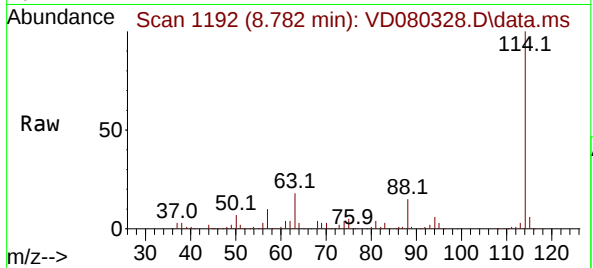
Tgt Ion:114 Resp: 174278

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.985 ug/l

RT: 7.811 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VD080328.D

Acq: 14 May 2025 17:55

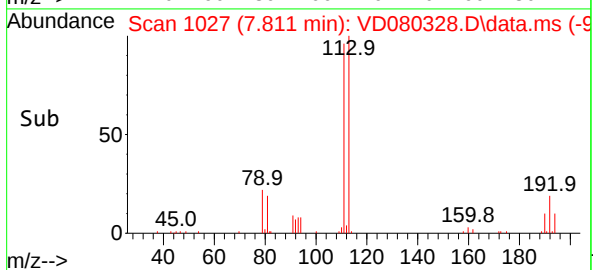
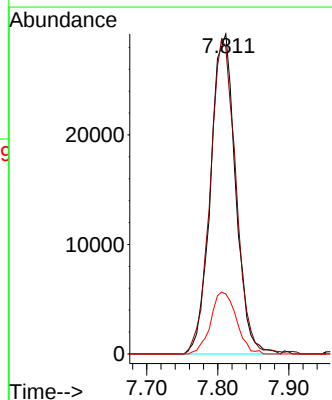
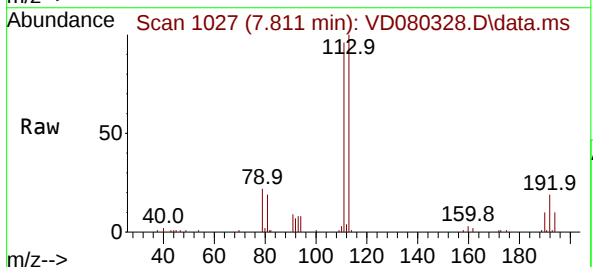
Tgt Ion:113 Resp: 71235

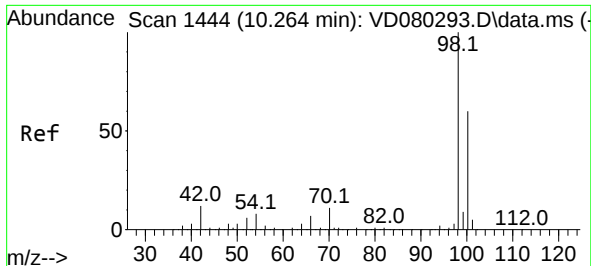
Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 19.9 16.6 25.0

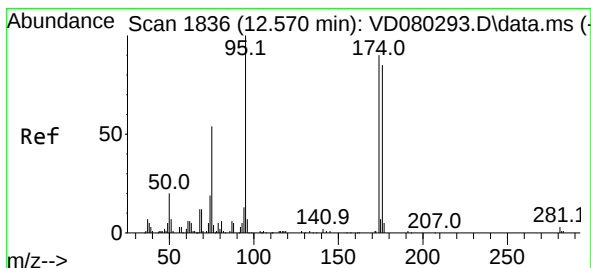
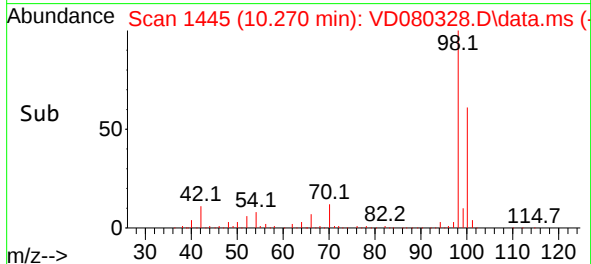
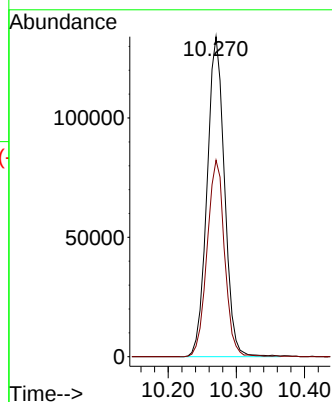
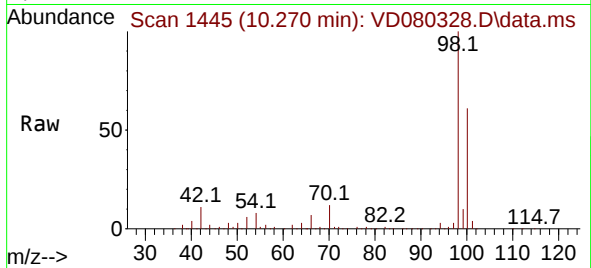




#50
Toluene-d8
Concen: 51.868 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080328.D
Acq: 14 May 2025 17:55

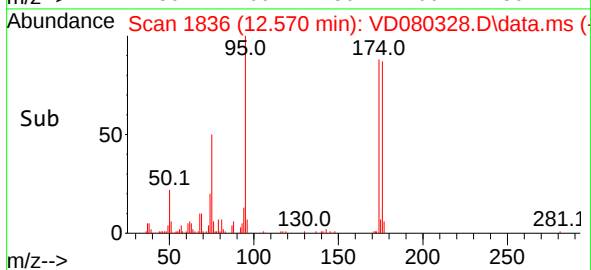
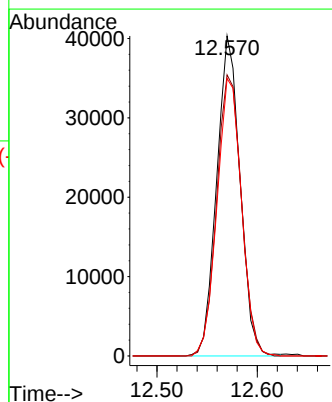
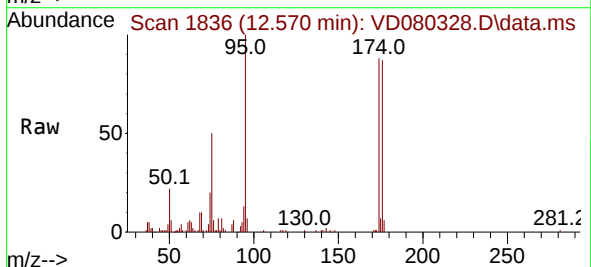
Instrument :
MSVOA_D
ClientSampleId :
MH-K-VOC

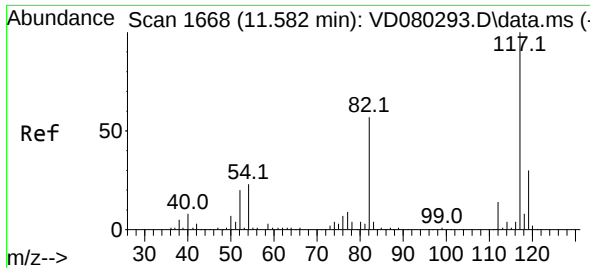
Tgt Ion: 98 Resp: 238714
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 44.076 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080328.D
Acq: 14 May 2025 17:55

Tgt Ion: 95 Resp: 65110
Ion Ratio Lower Upper
95 100
174 93.1 0.0 173.4
176 90.8 0.0 166.6

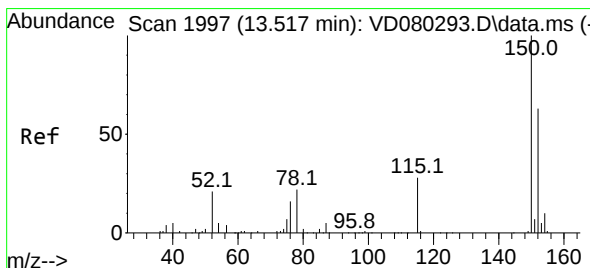
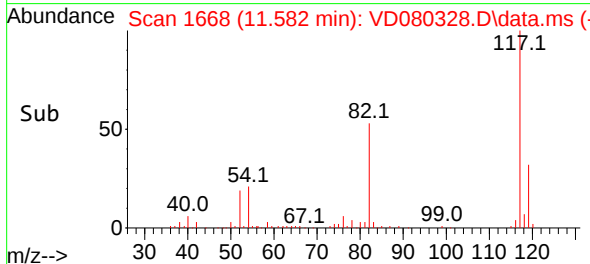
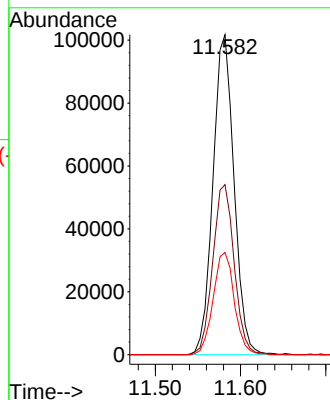
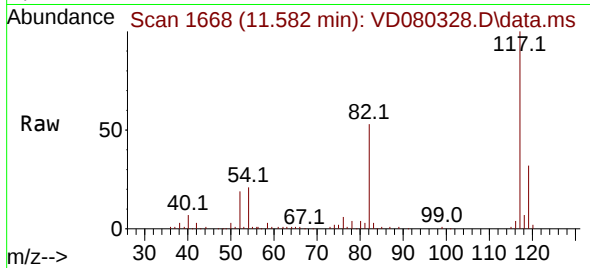




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080328.D
Acq: 14 May 2025 17:55

Instrument :
MSVOA_D
ClientSampleId :
MH-K-VOC

Tgt Ion:117 Resp: 174570
Ion Ratio Lower Upper
117 100
82 53.2 45.8 68.6
119 32.0 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: VD080328.D
Acq: 14 May 2025 17:55

Tgt Ion:152 Resp: 79539
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.8
150 156.3 0.0 354.8

