

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
 Data File : VD080352.D
 Acq On : 15 May 2025 16:51
 Operator : RP/MD
 Sample : Q2034-23
 Misc : 3.90G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L3-WC-6-VOC

Quant Time: May 16 02:59:49 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	7.882	168	94092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	179898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	176079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	79583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.235	65	55567	45.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.340%
35) Dibromofluoromethane	7.806	113	64120	53.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.360%
50) Toluene-d8	10.270	98	239676	50.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.900%
62) 4-Bromofluorobenzene	12.570	95	68772	45.101	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.200%

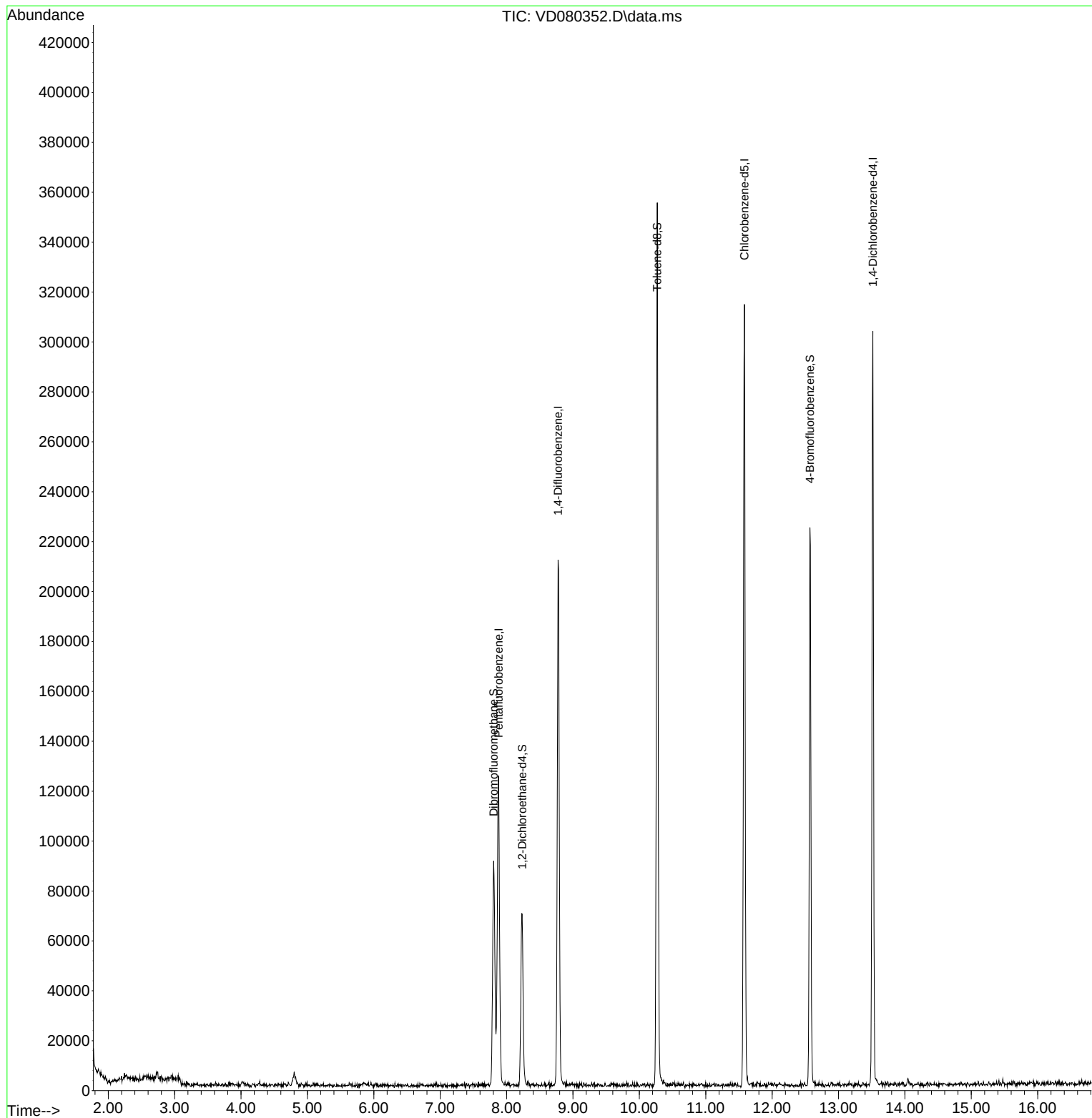
Target Compounds	Qvalue

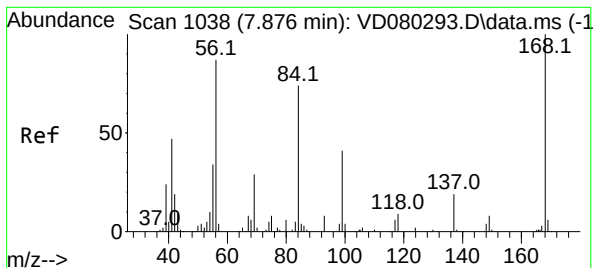
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051525\
Data File : VD080352.D
Acq On : 15 May 2025 16:51
Operator : RP/MD
Sample : Q2034-23
Misc : 3.90G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-6-VOC

Quant Time: May 16 02:59:49 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

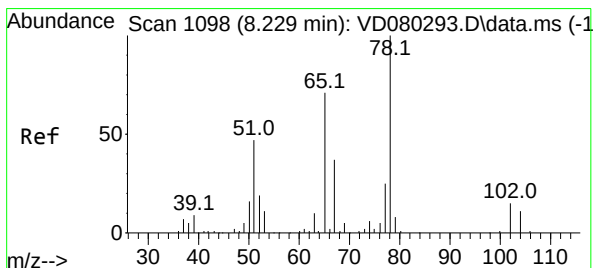
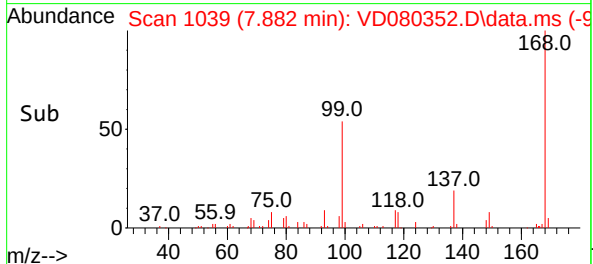
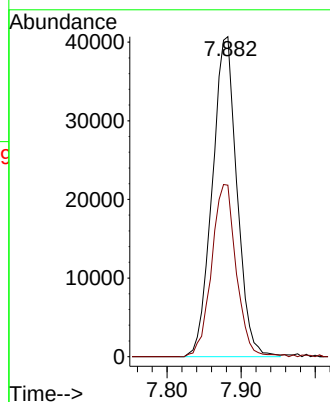
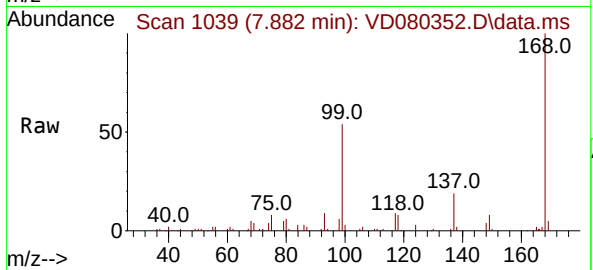




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.882 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VD080352.D
Acq: 15 May 2025 16:51

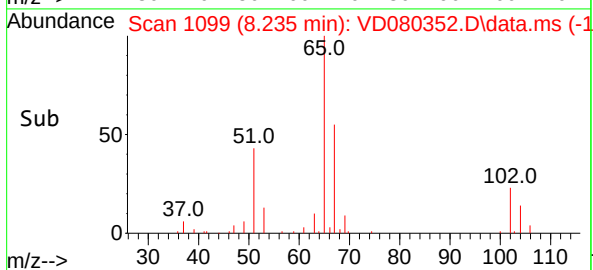
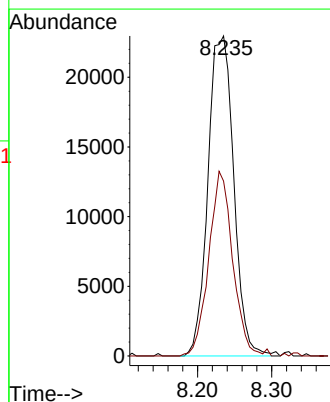
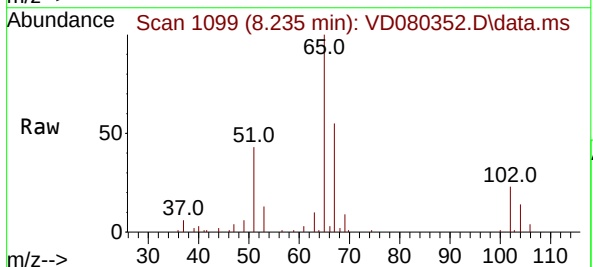
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-6-VOC

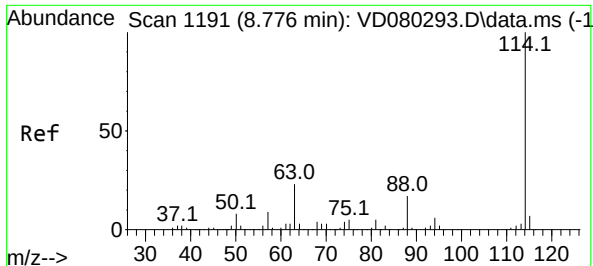
Tgt Ion:168 Resp: 94092
Ion Ratio Lower Upper
168 100
99 53.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 45.668 ug/l
RT: 8.235 min Scan# 1099
Delta R.T. 0.007 min
Lab File: VD080352.D
Acq: 15 May 2025 16:51

Tgt Ion: 65 Resp: 55567
Ion Ratio Lower Upper
65 100
67 53.7 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: VD080352.D

Acq: 15 May 2025 16:51

Instrument :

MSVOA_D

ClientSampleId :

L3-WC-6-VOC

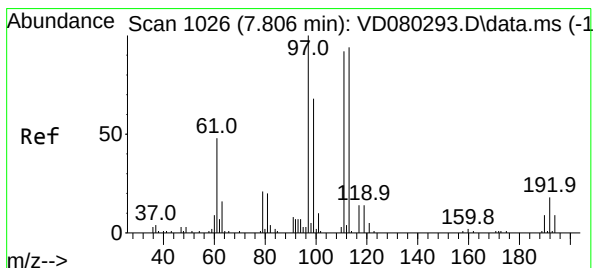
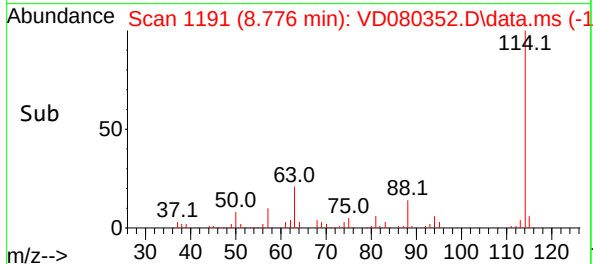
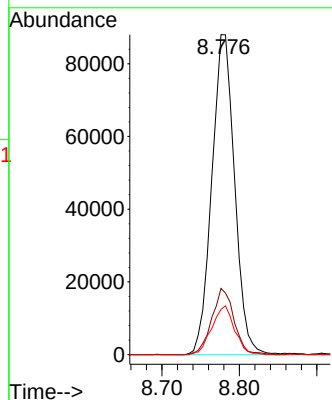
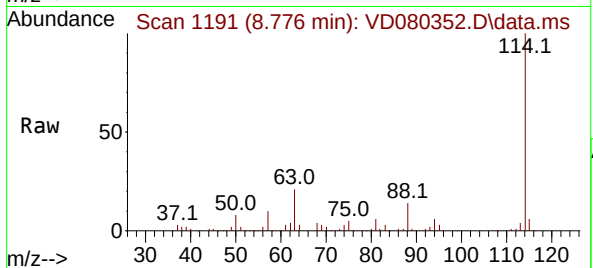
Tgt Ion:114 Resp: 179898

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.8

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.179 ug/l

RT: 7.806 min Scan# 1026

Delta R.T. 0.001 min

Lab File: VD080352.D

Acq: 15 May 2025 16:51

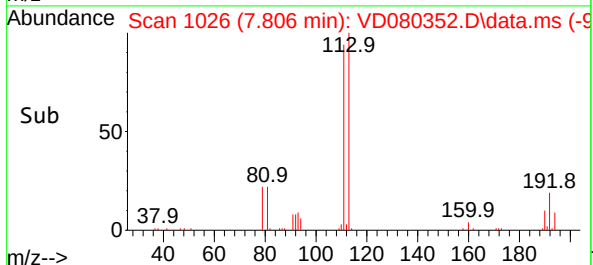
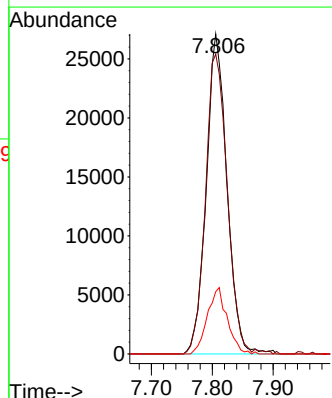
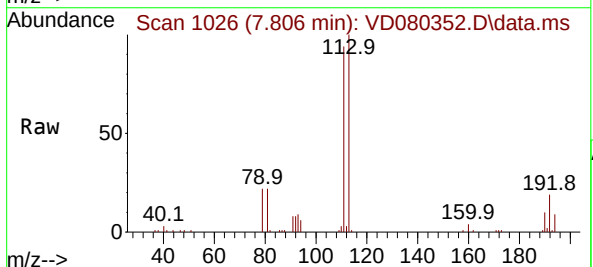
Tgt Ion:113 Resp: 64120

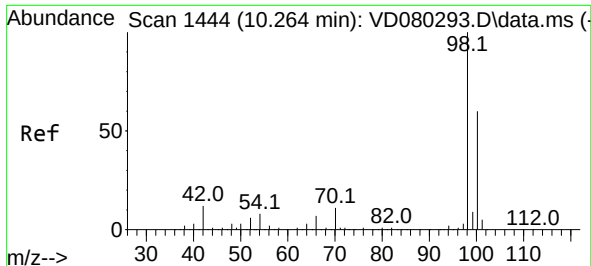
Ion Ratio Lower Upper

113 100

111 98.8 82.5 123.7

192 20.0 16.6 25.0

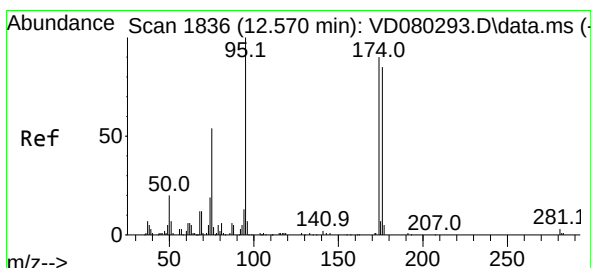
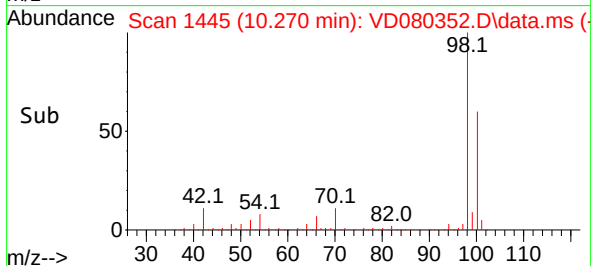
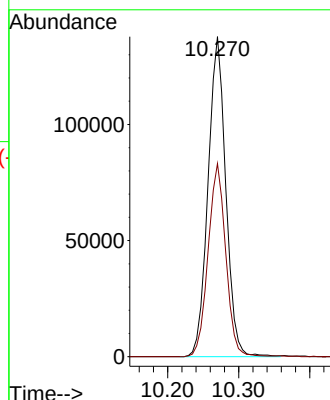
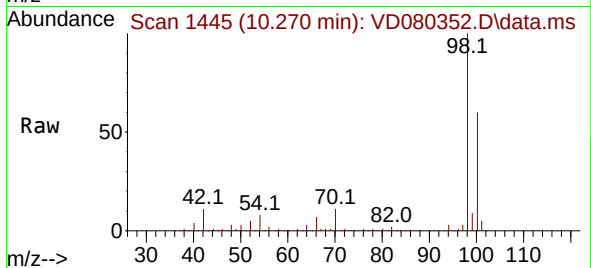




#50
Toluene-d8
Concen: 50.450 ug/l
RT: 10.270 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VD080352.D
Acq: 15 May 2025 16:51

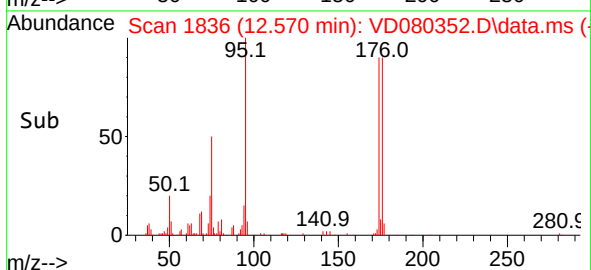
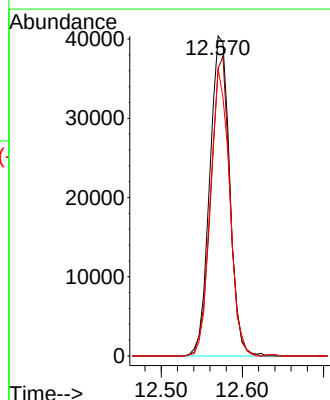
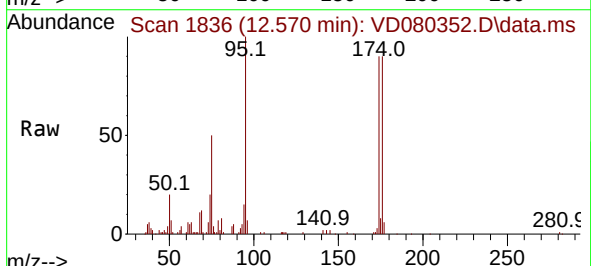
Instrument :
MSVOA_D
ClientSampleId :
L3-WC-6-VOC

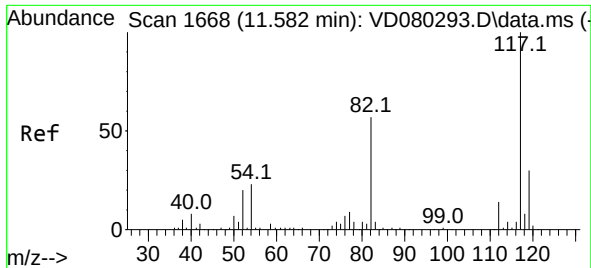
Tgt Ion: 98 Resp: 239676
Ion Ratio Lower Upper
98 100
100 59.9 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 45.101 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080352.D
Acq: 15 May 2025 16:51

Tgt Ion: 95 Resp: 68772
Ion Ratio Lower Upper
95 100
174 89.4 0.0 173.4
176 86.2 0.0 166.6

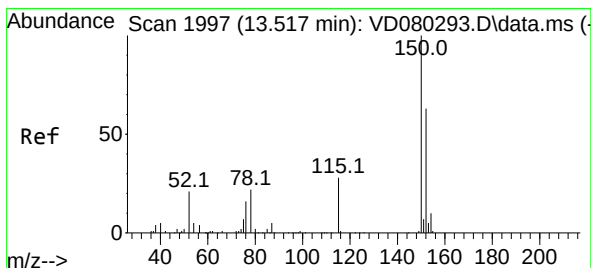
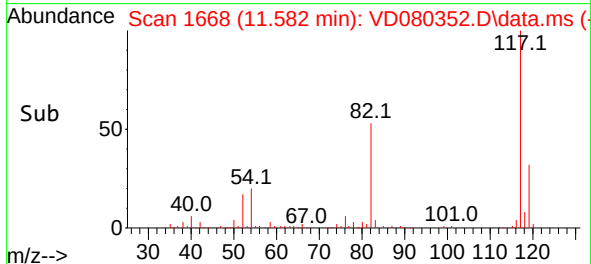
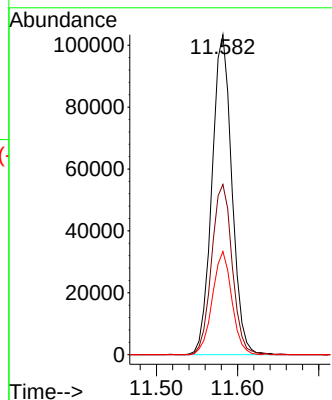
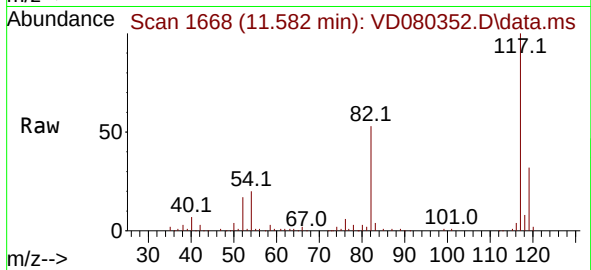




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080352.D
Acq: 15 May 2025 16:51

Instrument :
MSVOA_D
ClientSampleId :
L3-WC-6-VOC

Tgt Ion:117 Resp: 176079
Ion Ratio Lower Upper
117 100
82 53.2 45.8 68.6
119 32.2 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: VD080352.D
Acq: 15 May 2025 16:51

Tgt Ion:152 Resp: 79583
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 160.9 0.0 354.8

