

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080478.D
 Acq On : 26 Jun 2025 12:49
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 27 05:18:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	341091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	892819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	907887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	450550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	214201	64.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.120%
35) Dibromofluoromethane	7.805	113	294213	58.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.700%
50) Toluene-d8	10.270	98	1147402	56.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.620%
62) 4-Bromofluorobenzene	12.570	95	444806	67.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	134.340%

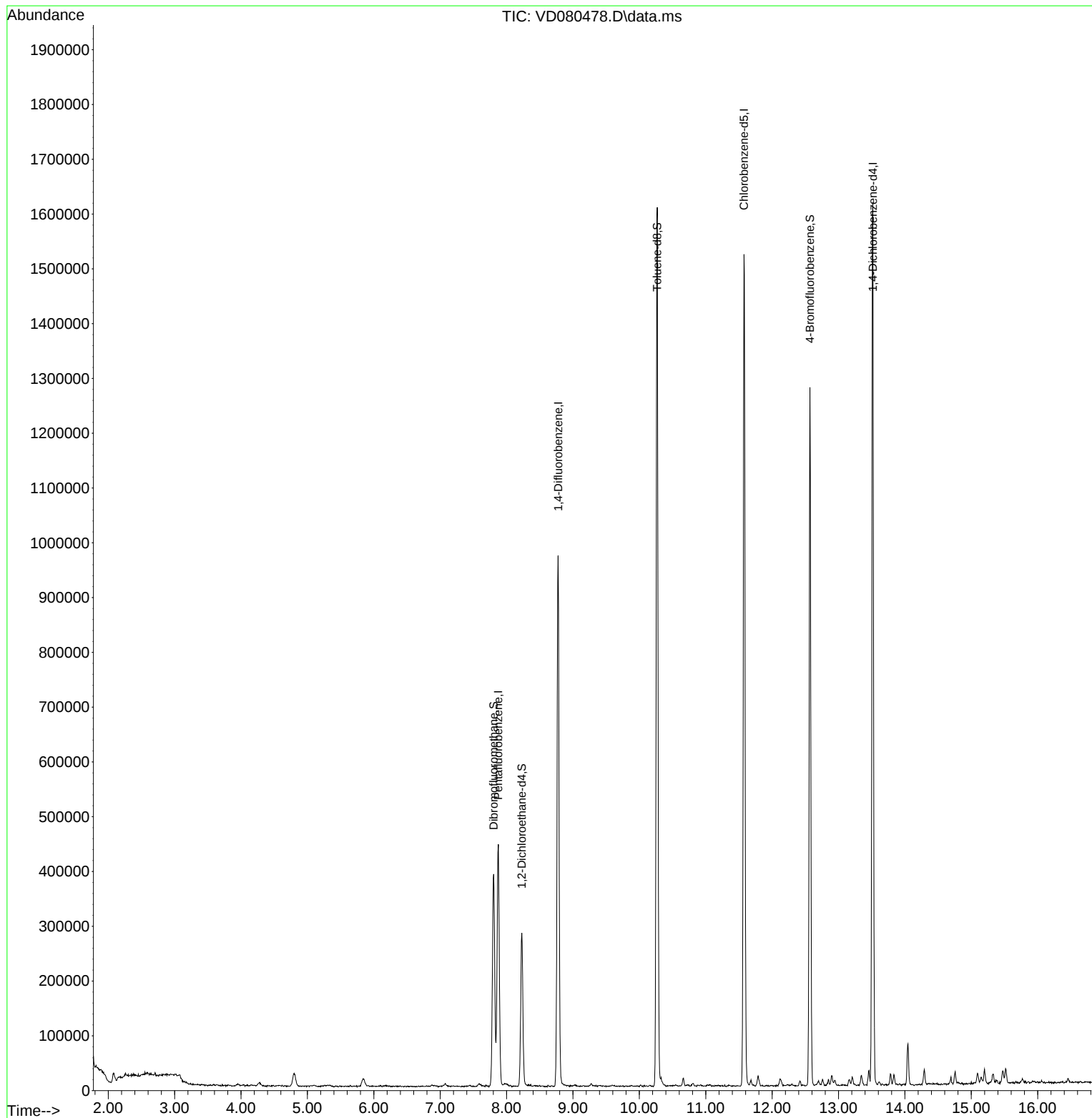
Target Compounds	Qvalue

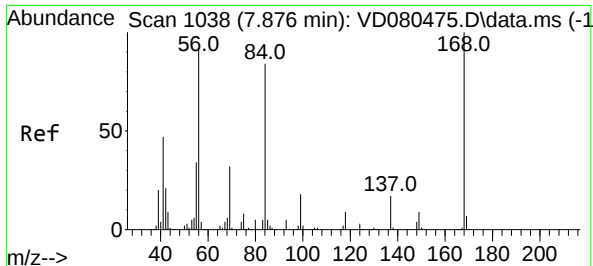
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
Data File : VD080478.D
Acq On : 26 Jun 2025 12:49
Operator : RP/MD
Sample : VIBLK
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jun 27 05:18:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:36 2025
Response via : Initial Calibration

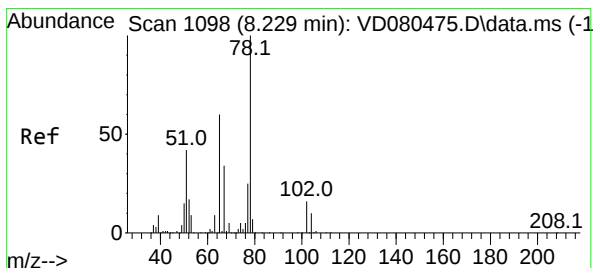
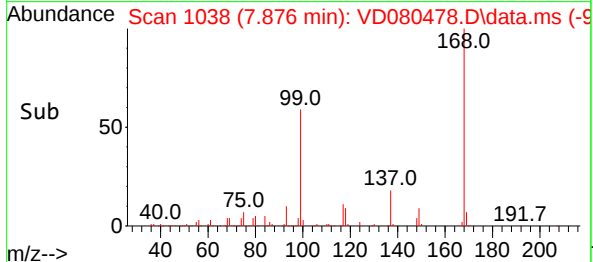
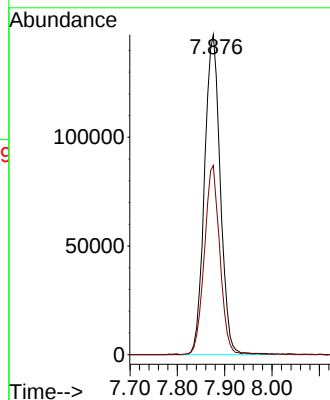
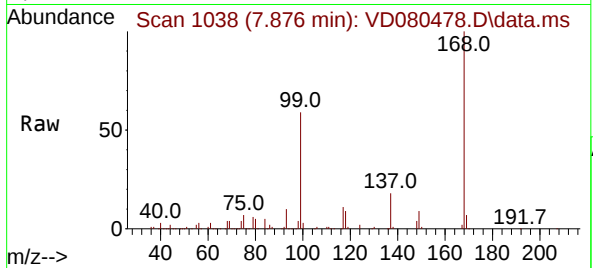




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

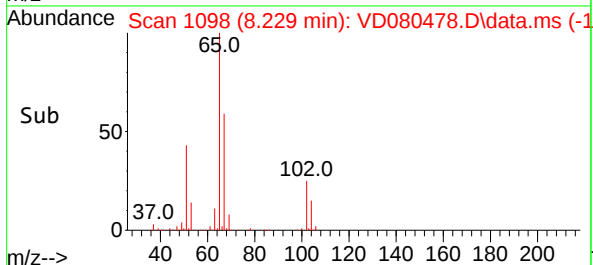
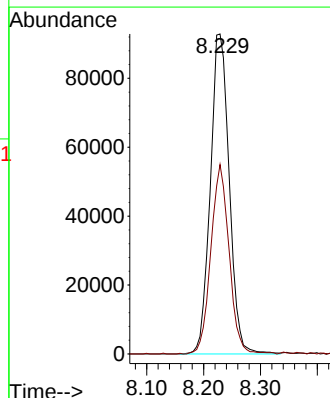
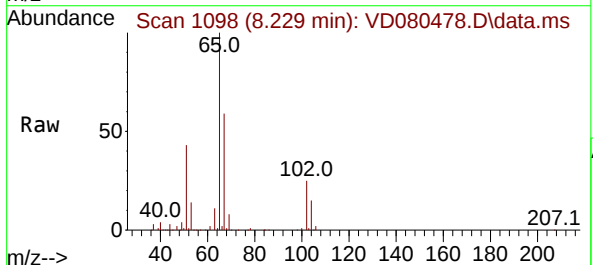
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

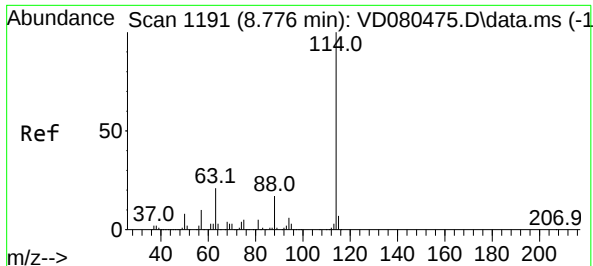
Tgt Ion:168 Resp: 341091
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 64.057 ug/l
RT: 8.229 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

Tgt Ion: 65 Resp: 214201
Ion Ratio Lower Upper
65 100
67 57.2 0.0 113.4

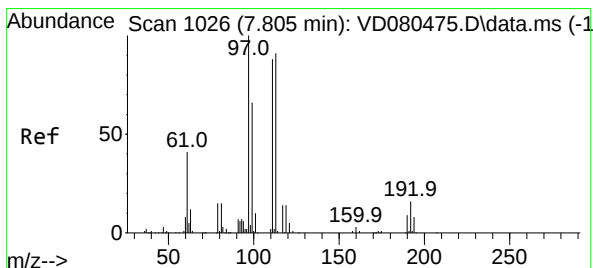
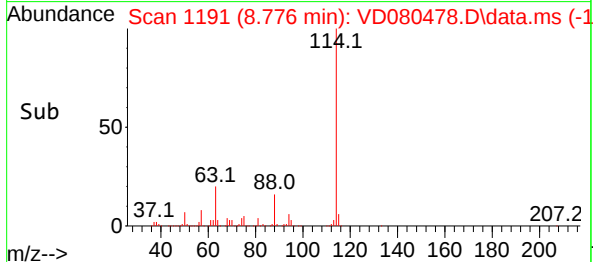
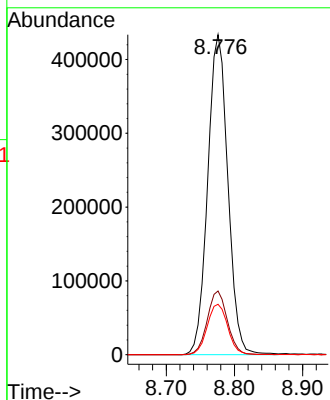
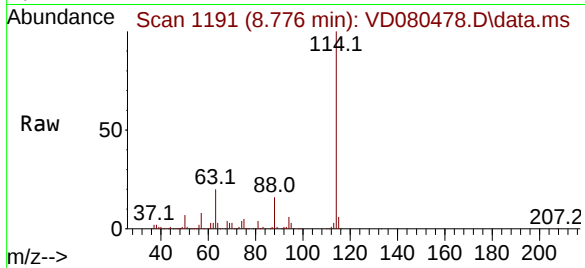




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.776 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

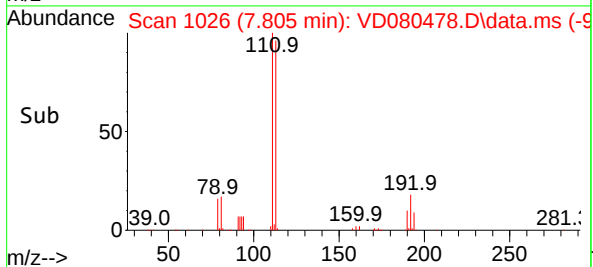
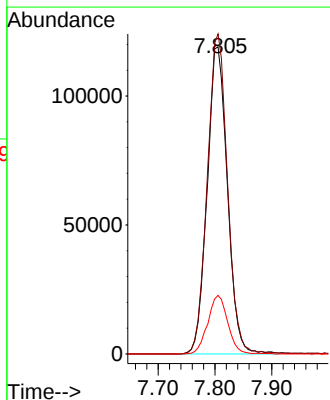
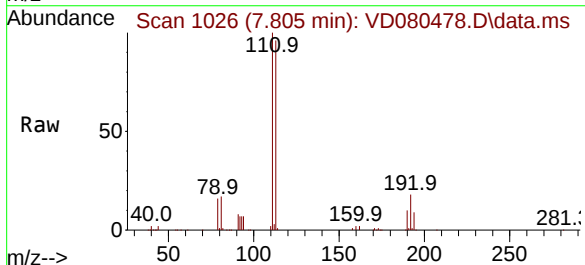
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

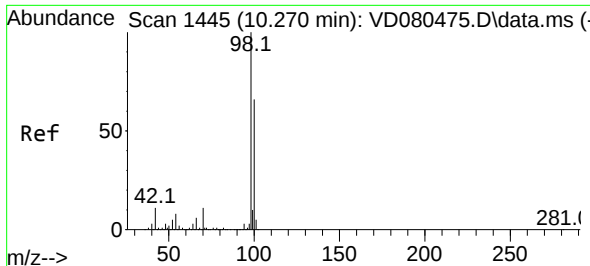
Tgt Ion:114 Resp: 892819
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.0
88 15.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 58.849 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

Tgt Ion:113 Resp: 294213
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 18.9 15.0 22.6

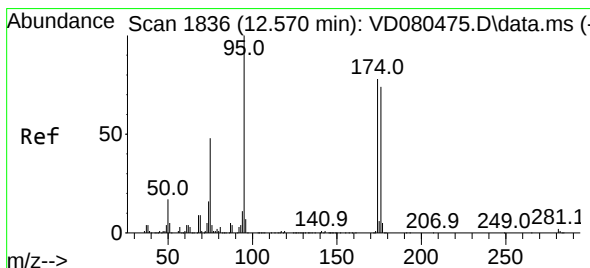
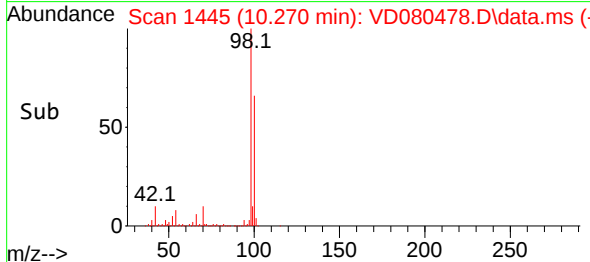
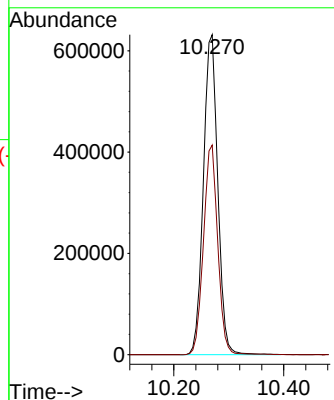
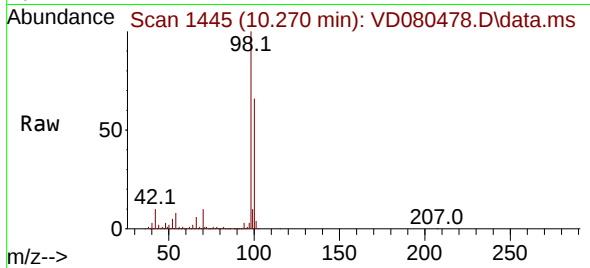




#50
Toluene-d8
Concen: 56.811 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

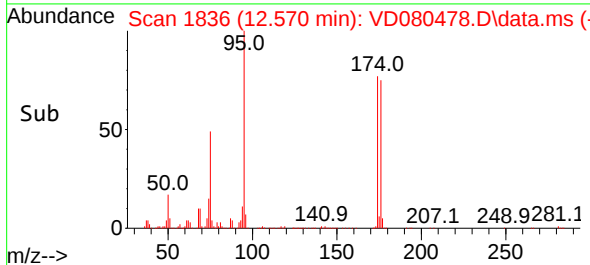
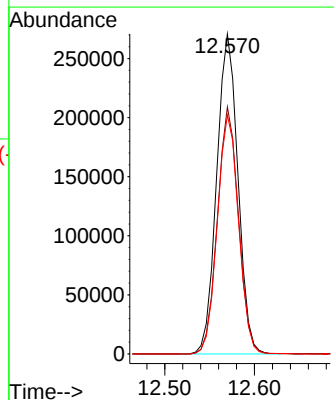
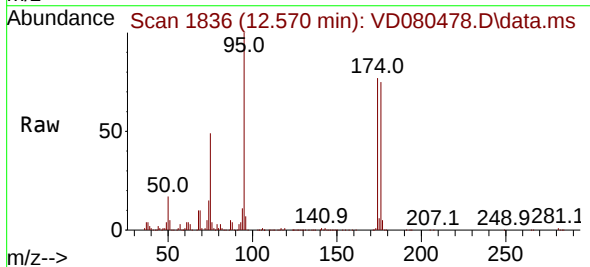
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

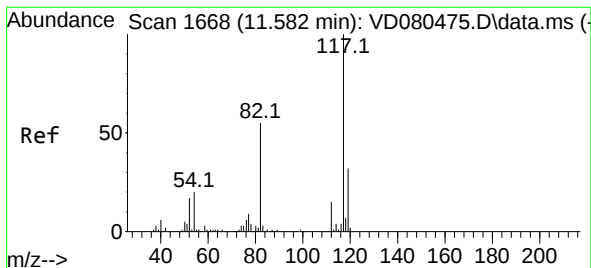
Tgt Ion: 98 Resp: 1147402
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 67.167 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080478.D
Acq: 26 Jun 2025 12:49

Tgt Ion: 95 Resp: 444806
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.0
176 74.4 0.0 149.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080478.D

Acq: 26 Jun 2025 12:49

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

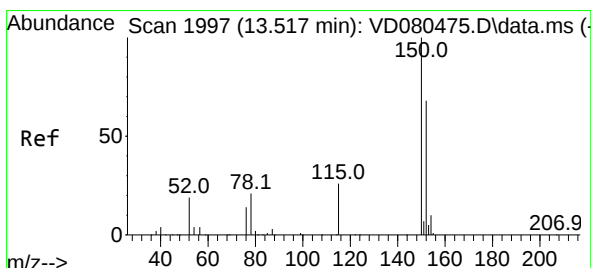
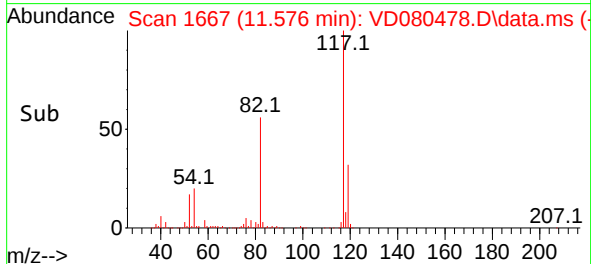
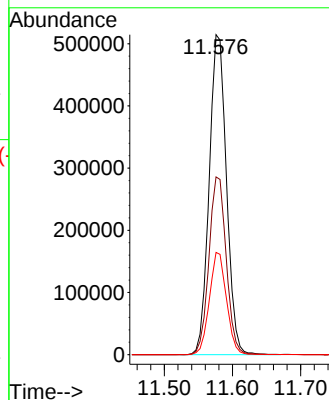
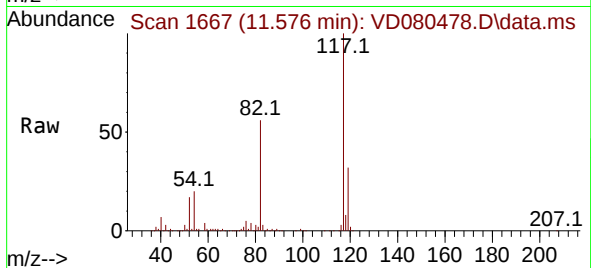
Tgt Ion:117 Resp: 907887

Ion Ratio Lower Upper

117 100

82 55.5 43.7 65.5

119 32.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.517 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VD080478.D

Acq: 26 Jun 2025 12:49

Tgt Ion:152 Resp: 450550

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

150 156.9 0.0 350.2

