

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
 Data File : VD080269.D
 Acq On : 25 Feb 2025 17:08
 Operator : RP/MD
 Sample : Q1398-03
 Misc : 5.02g/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HANDHOLD

Quant Time: Feb 25 17:25:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	41123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	74710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	70922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	26079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37755	70.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.160%
35) Dibromofluoromethane	7.805	113	33510	63.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.580%
50) Toluene-d8	10.263	98	74136	37.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.520%
62) 4-Bromofluorobenzene	12.569	95	22583	35.844	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.680%

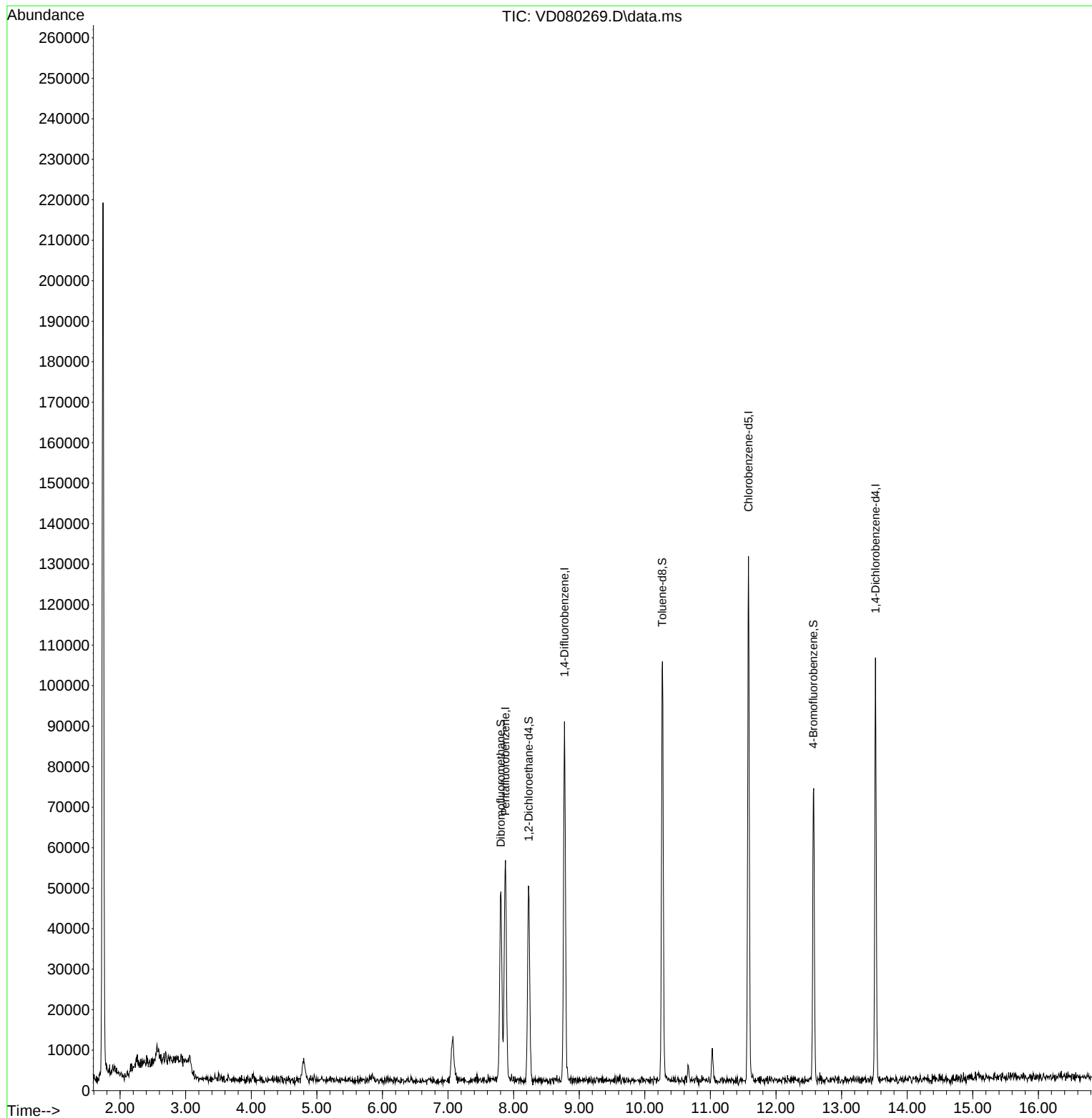
Target Compounds	Qvalue

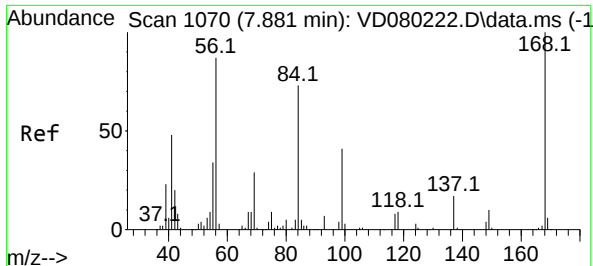
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
Data File : VD080269.D
Acq On : 25 Feb 2025 17:08
Operator : RP/MD
Sample : Q1398-03
Misc : 5.02g/5ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HANDHOLD

Quant Time: Feb 25 17:25:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

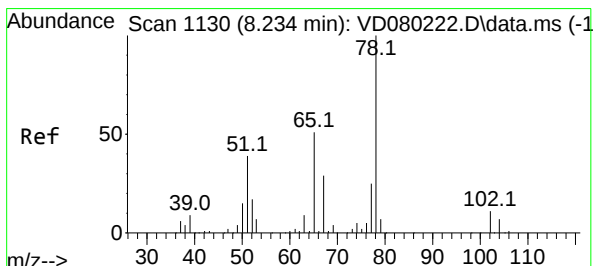
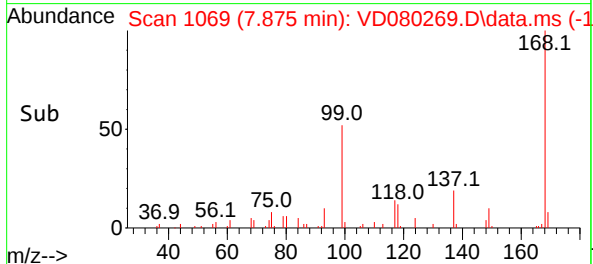
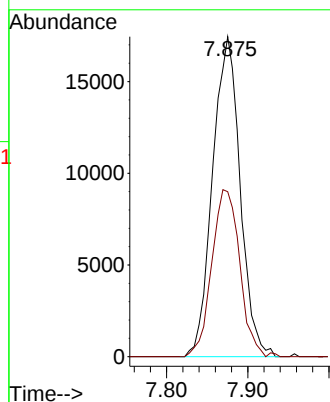
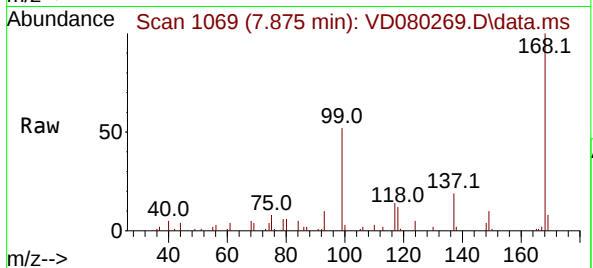




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

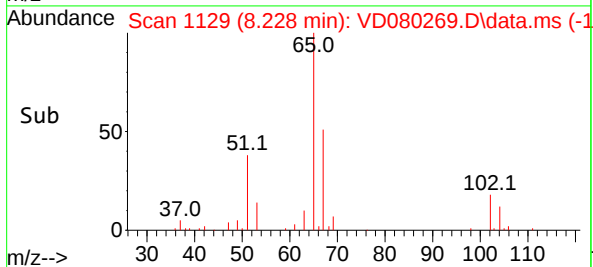
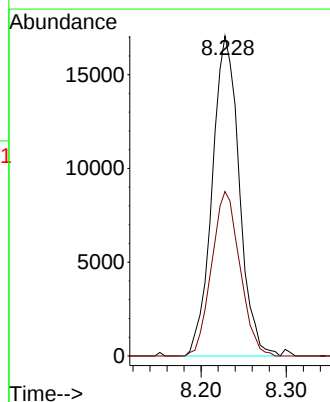
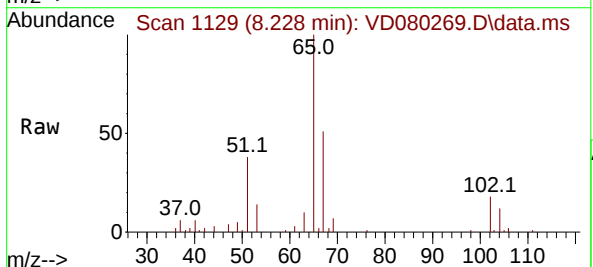
Instrument :
MSVOA_D
ClientSampleId :
HANDHOLD

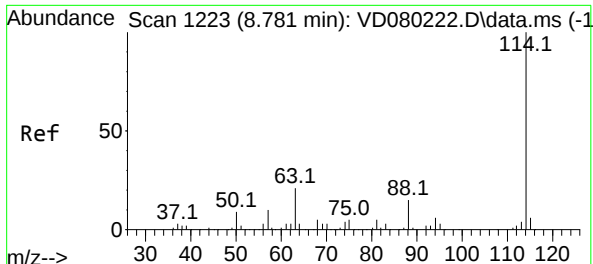
Tgt Ion:168 Resp: 41123
Ion Ratio Lower Upper
168 100
99 51.5 44.4 66.6



#33
1,2-Dichloroethane-d4
Concen: 70.580 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

Tgt Ion: 65 Resp: 37755
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.6

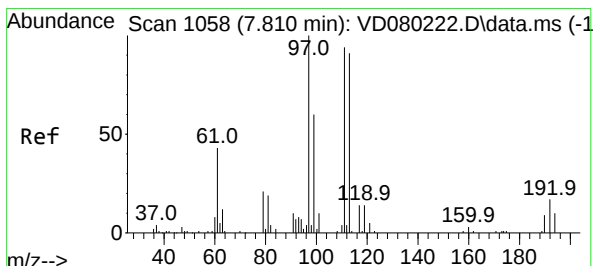
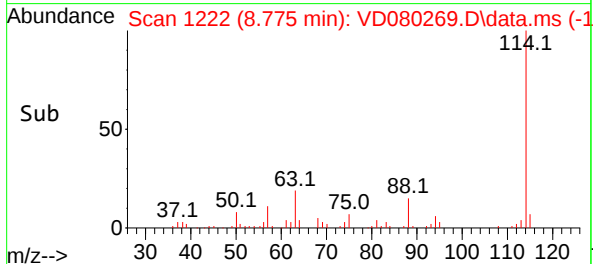
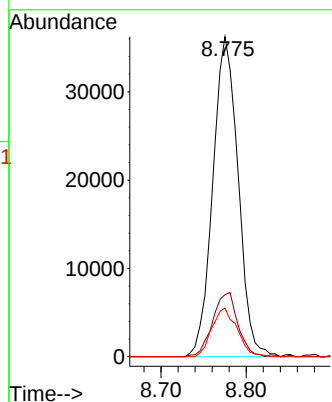
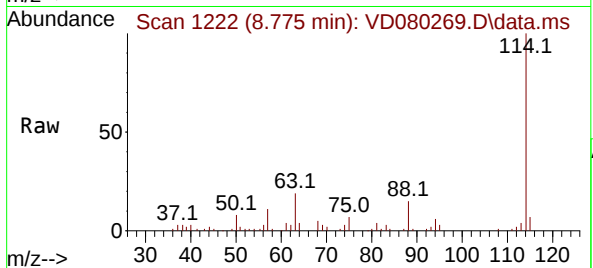




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

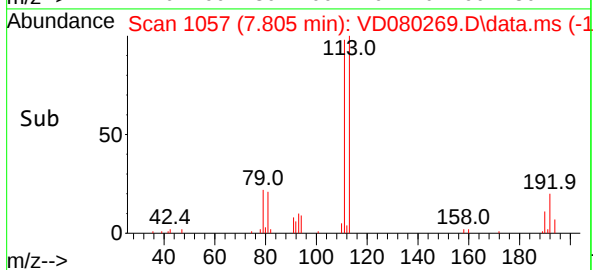
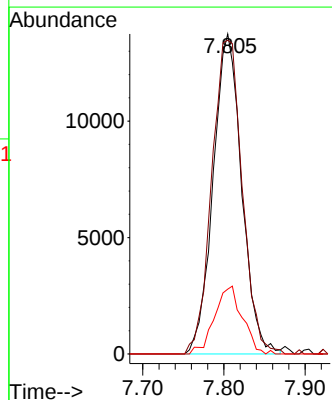
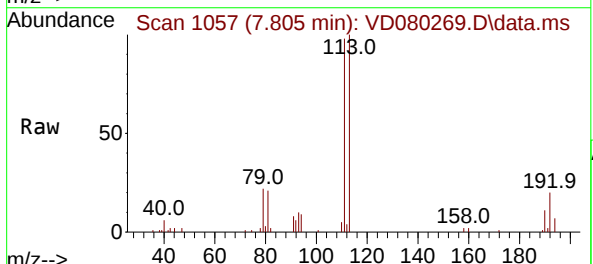
Instrument :
MSVOA_D
ClientSampleId :
HANDHOLD

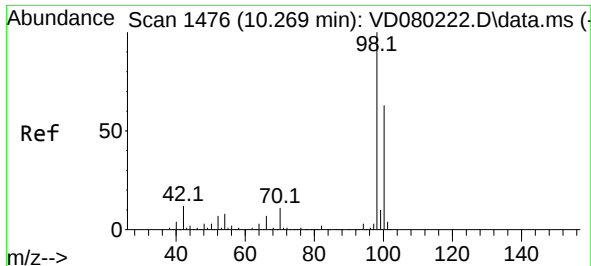
Tgt Ion:114 Resp: 74710
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.8
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 63.287 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

Tgt Ion:113 Resp: 33510
Ion Ratio Lower Upper
113 100
111 104.6 85.0 127.4
192 20.8 15.5 23.3

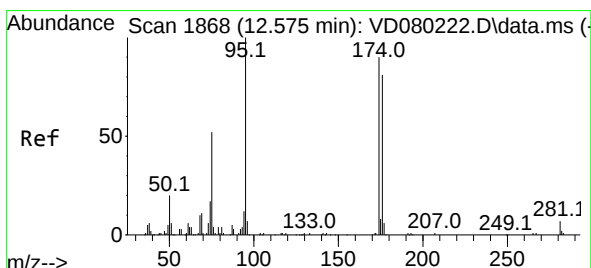
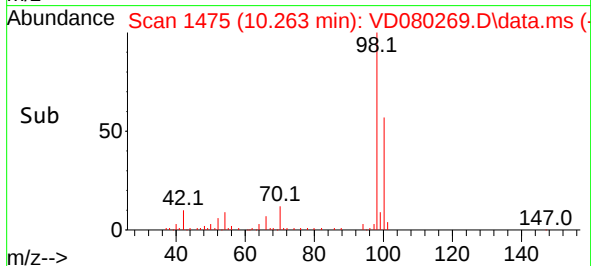
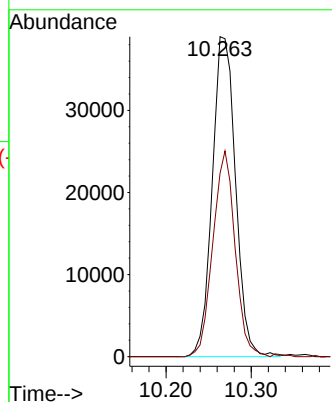
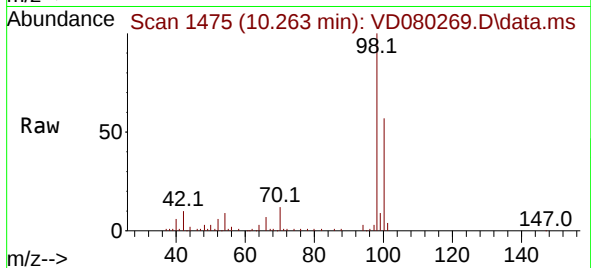




#50
Toluene-d8
Concen: 37.756 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

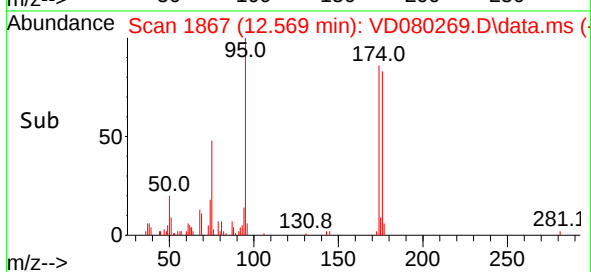
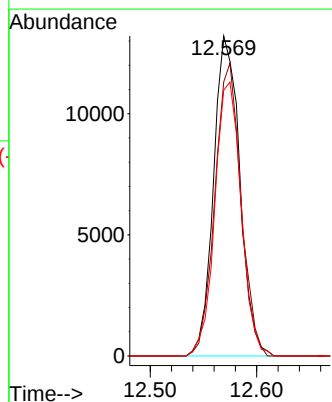
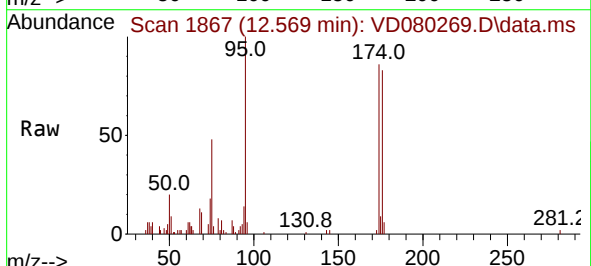
Instrument :
MSVOA_D
ClientSampleId :
HANDHOLD

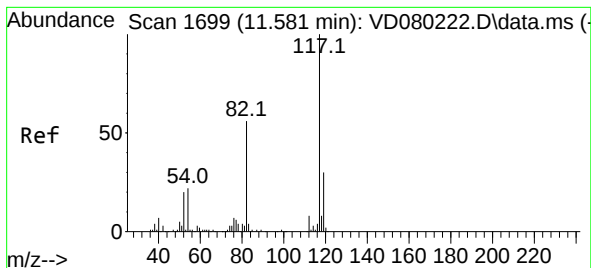
Tgt Ion: 98 Resp: 74136
Ion Ratio Lower Upper
98 100
100 61.3 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 35.844 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080269.D
Acq: 25 Feb 2025 17:08

Tgt Ion: 95 Resp: 22583
Ion Ratio Lower Upper
95 100
174 90.3 0.0 171.8
176 86.0 0.0 159.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080269.D

Acq: 25 Feb 2025 17:08

Instrument :

MSVOA_D

ClientSampleId :

HANDHOLD

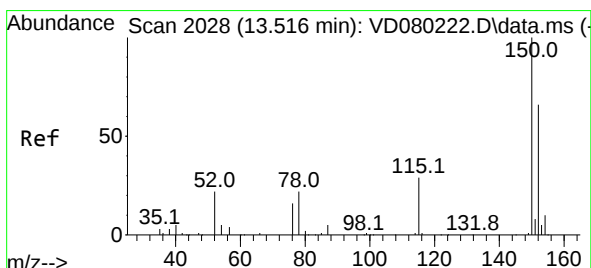
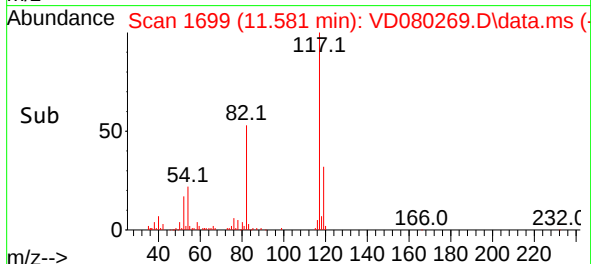
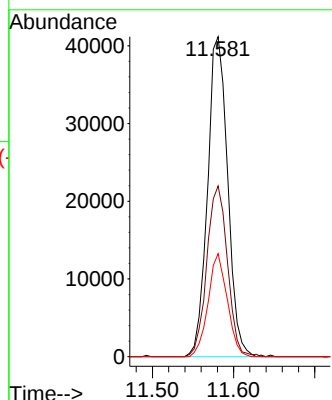
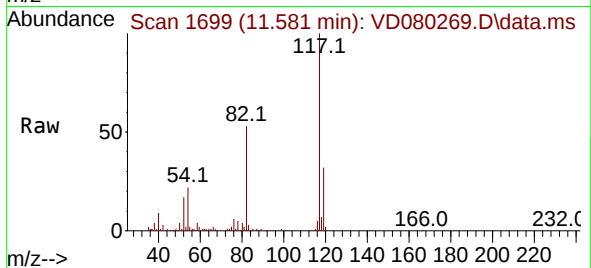
Tgt Ion:117 Resp: 70922

Ion Ratio Lower Upper

117 100

82 53.4 45.0 67.6

119 32.2 24.3 36.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD080269.D

Acq: 25 Feb 2025 17:08

Tgt Ion:152 Resp: 26079

Ion Ratio Lower Upper

152 100

115 56.4 30.0 90.1

150 157.6 0.0 350.4

