

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079601.D
 Acq On : 06 Aug 2024 02:23
 Operator : RP/MD
 Sample : P3409-06
 Misc : 5.98G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-867-J-SO-2-2.5-073024

Quant Time: Aug 06 05:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	348692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	105698	57.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.805	113	111695	47.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.269	98	395288	43.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.260%
62) 4-Bromofluorobenzene	12.569	95	105451	39.760	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.520%

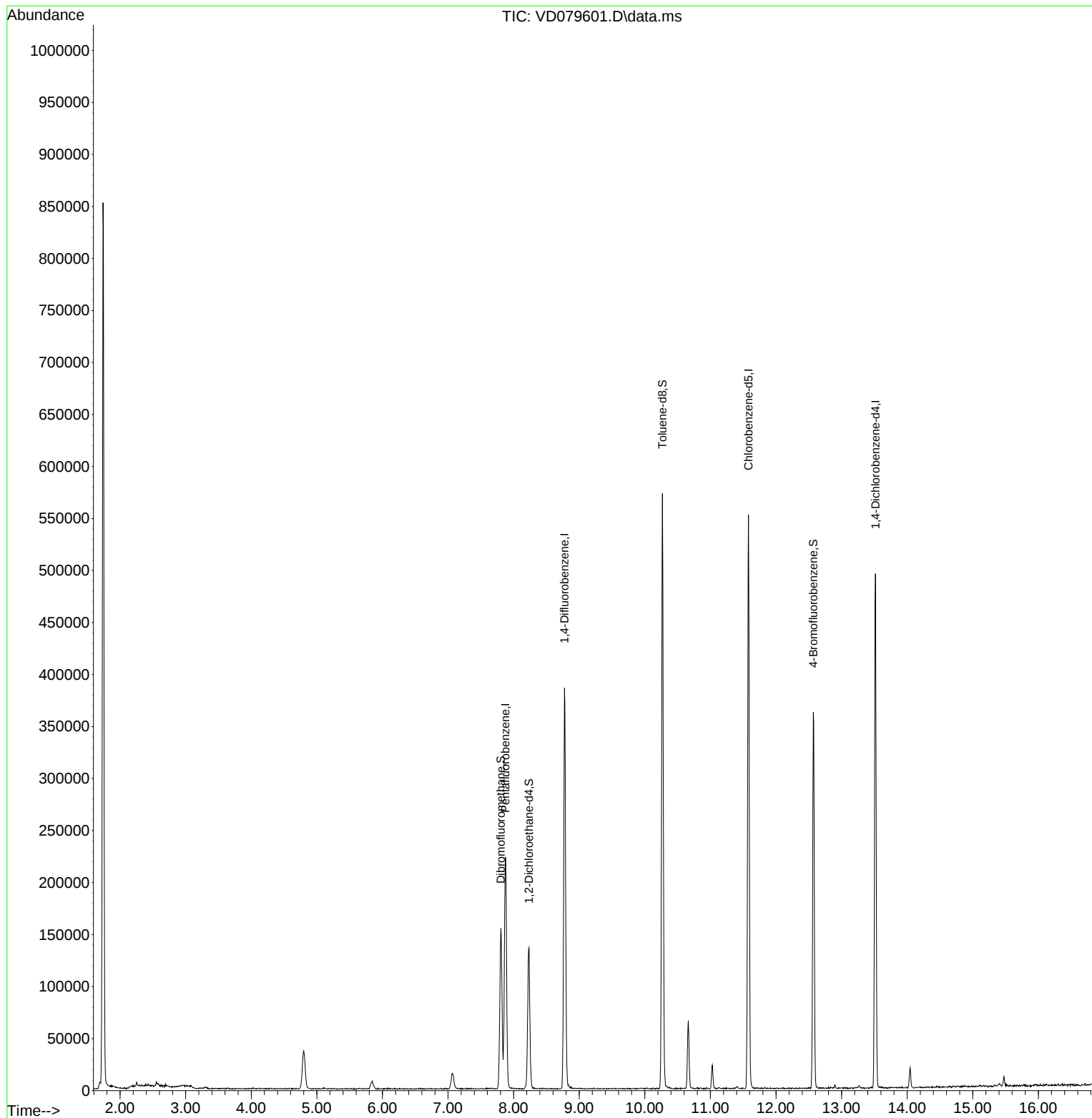
Target Compounds	Qvalue

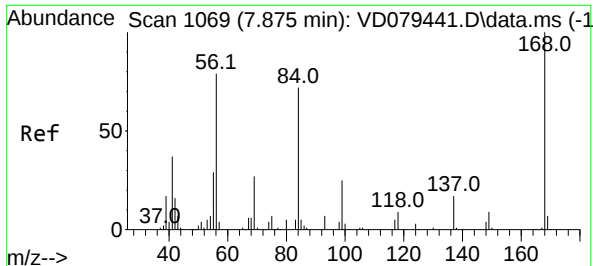
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079601.D
Acq On : 06 Aug 2024 02:23
Operator : RP/MD
Sample : P3409-06
Misc : 5.98G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-867-J-SO-2-2.5-073024

Quant Time: Aug 06 05:12:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

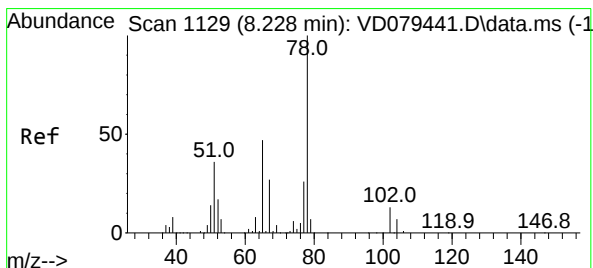
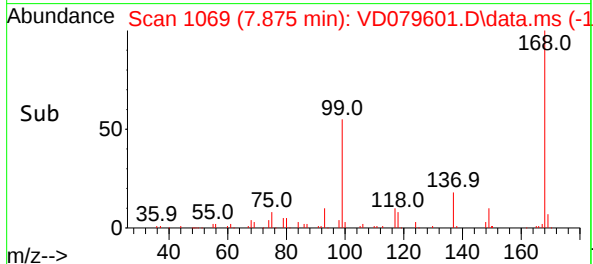
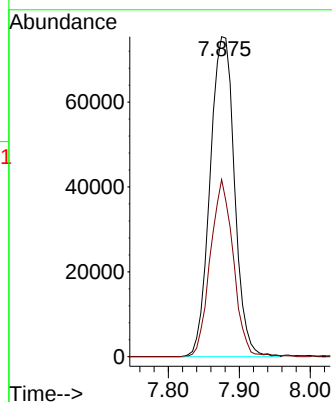
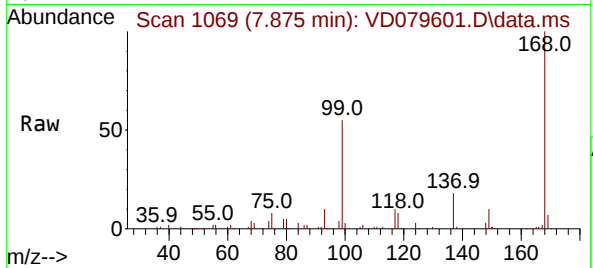




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

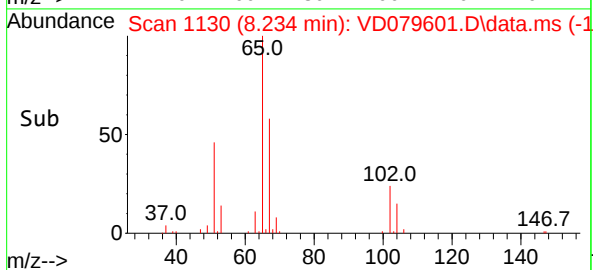
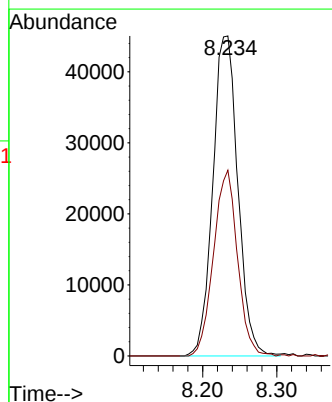
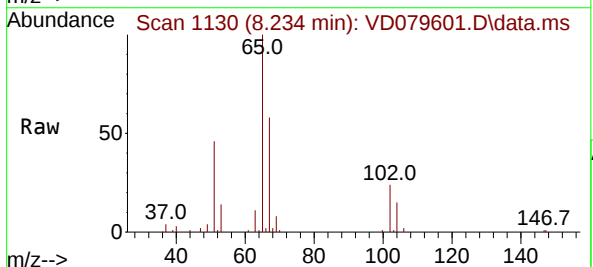
Instrument :
MSVOA_D
ClientSampleId :
S-867-J-SO-2-2.5-073024

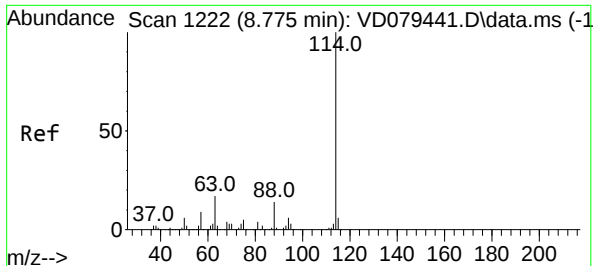
Tgt Ion:168 Resp: 179866
Ion Ratio Lower Upper
168 100
99 55.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 57.845 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 65 Resp: 105698
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0

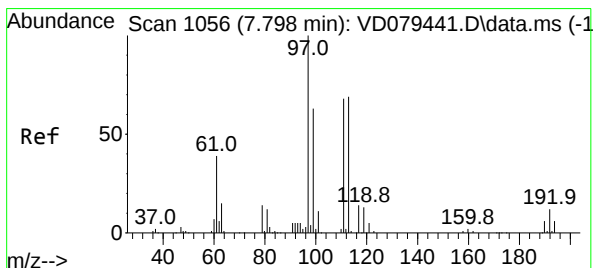
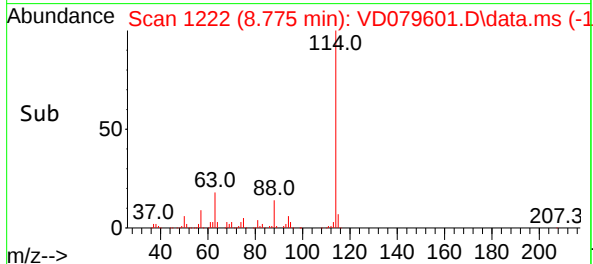
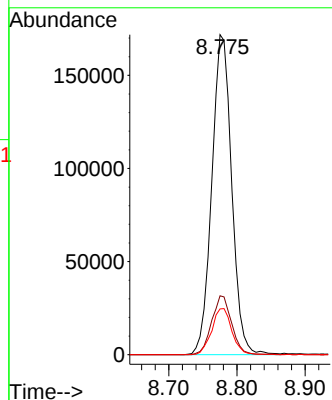
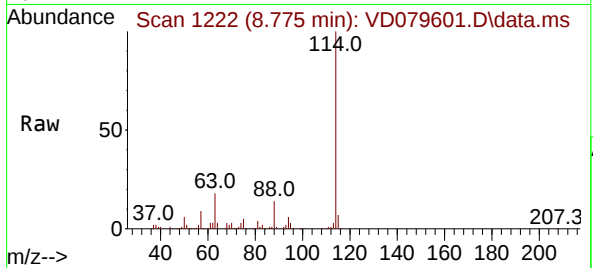




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

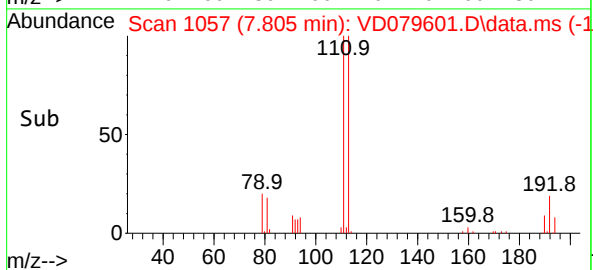
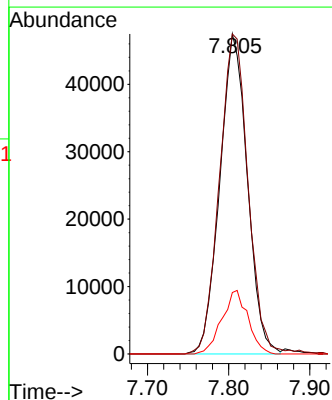
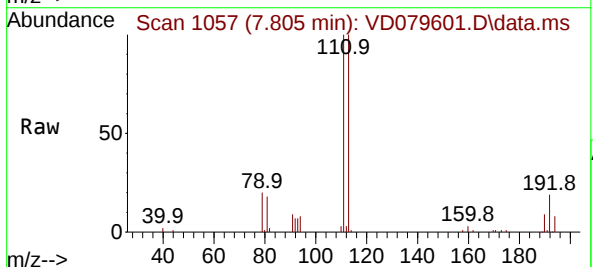
Instrument :
MSVOA_D
ClientSampleId :
S-867-J-SO-2-2.5-073024

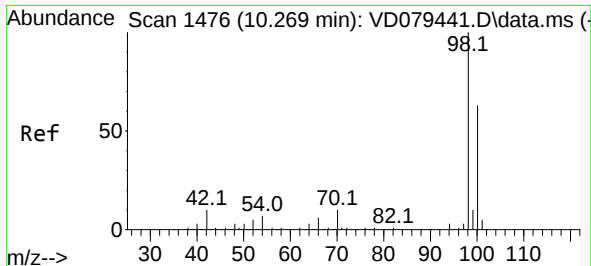
Tgt Ion:114 Resp: 348692
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.326 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion:113 Resp: 111695
Ion Ratio Lower Upper
113 100
111 104.4 84.0 126.0
192 18.9 15.4 23.0

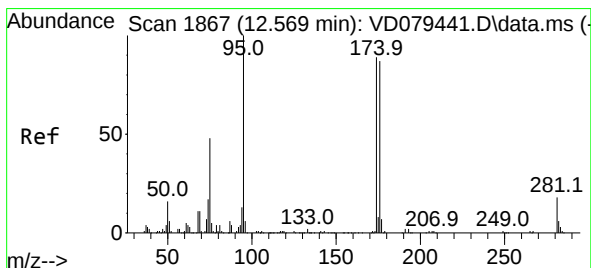
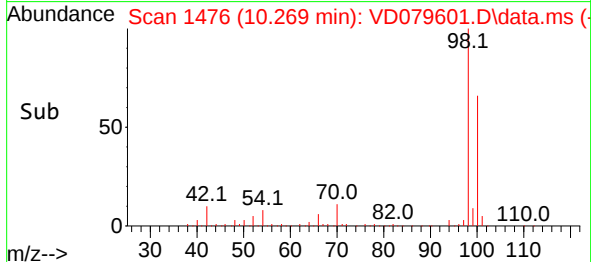
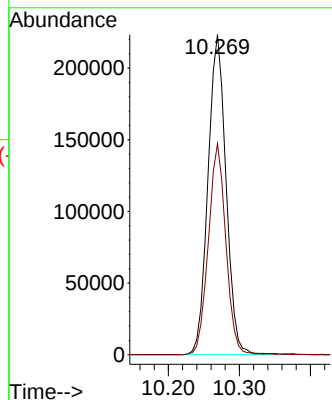
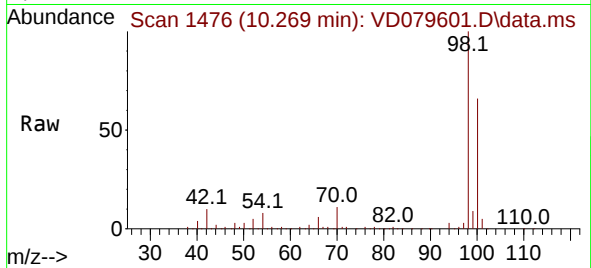




#50
Toluene-d8
Concen: 43.129 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

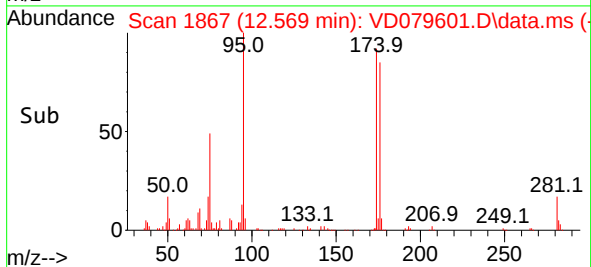
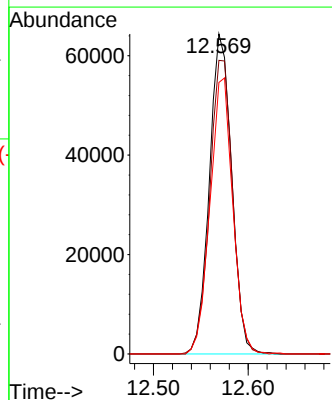
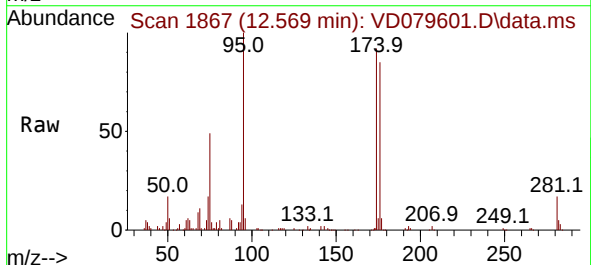
Instrument :
MSVOA_D
ClientSampleId :
S-867-J-SO-2-2.5-073024

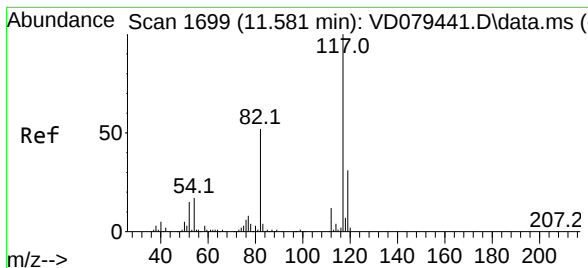
Tgt Ion: 98 Resp: 395288
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.760 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079601.D
Acq: 06 Aug 2024 02:23

Tgt Ion: 95 Resp: 105451
Ion Ratio Lower Upper
95 100
174 94.6 0.0 195.4
176 88.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079601.D

Acq: 06 Aug 2024 02:23

Instrument :

MSVOA_D

ClientSampleId :

S-867-J-SO-2-2.5-073024

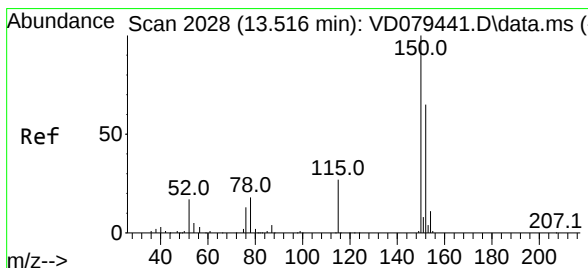
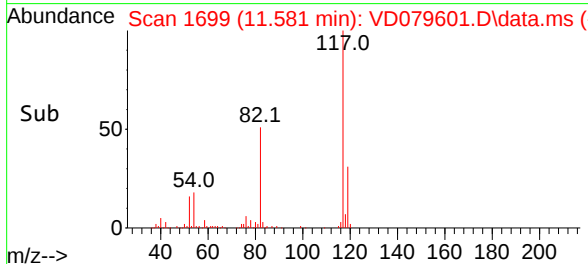
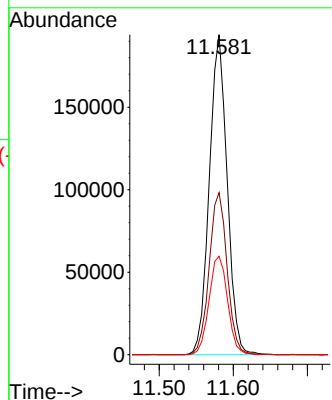
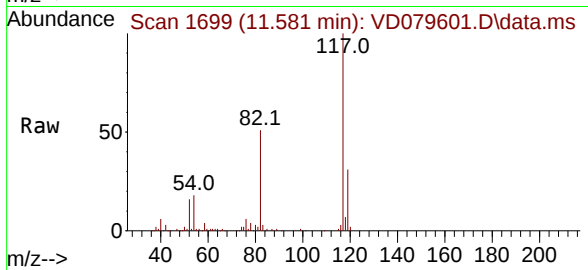
Tgt Ion:117 Resp: 323897

Ion Ratio Lower Upper

117 100

82 50.7 39.8 59.6

119 30.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079601.D

Acq: 06 Aug 2024 02:23

Tgt Ion:152 Resp: 138857

Ion Ratio Lower Upper

152 100

115 56.6 26.5 79.5

150 156.7 0.0 341.6

