

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079608.D
 Acq On : 06 Aug 2024 05:34
 Operator : RP/MD
 Sample : P3464-01
 Misc : 4.54G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL

Quant Time: Aug 06 08:09:48 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	86401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47376	53.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.940%
35) Dibromofluoromethane	7.805	113	53290	52.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.269	98	119791	30.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.320%
62) 4-Bromofluorobenzene	12.569	95	20875	18.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.920%

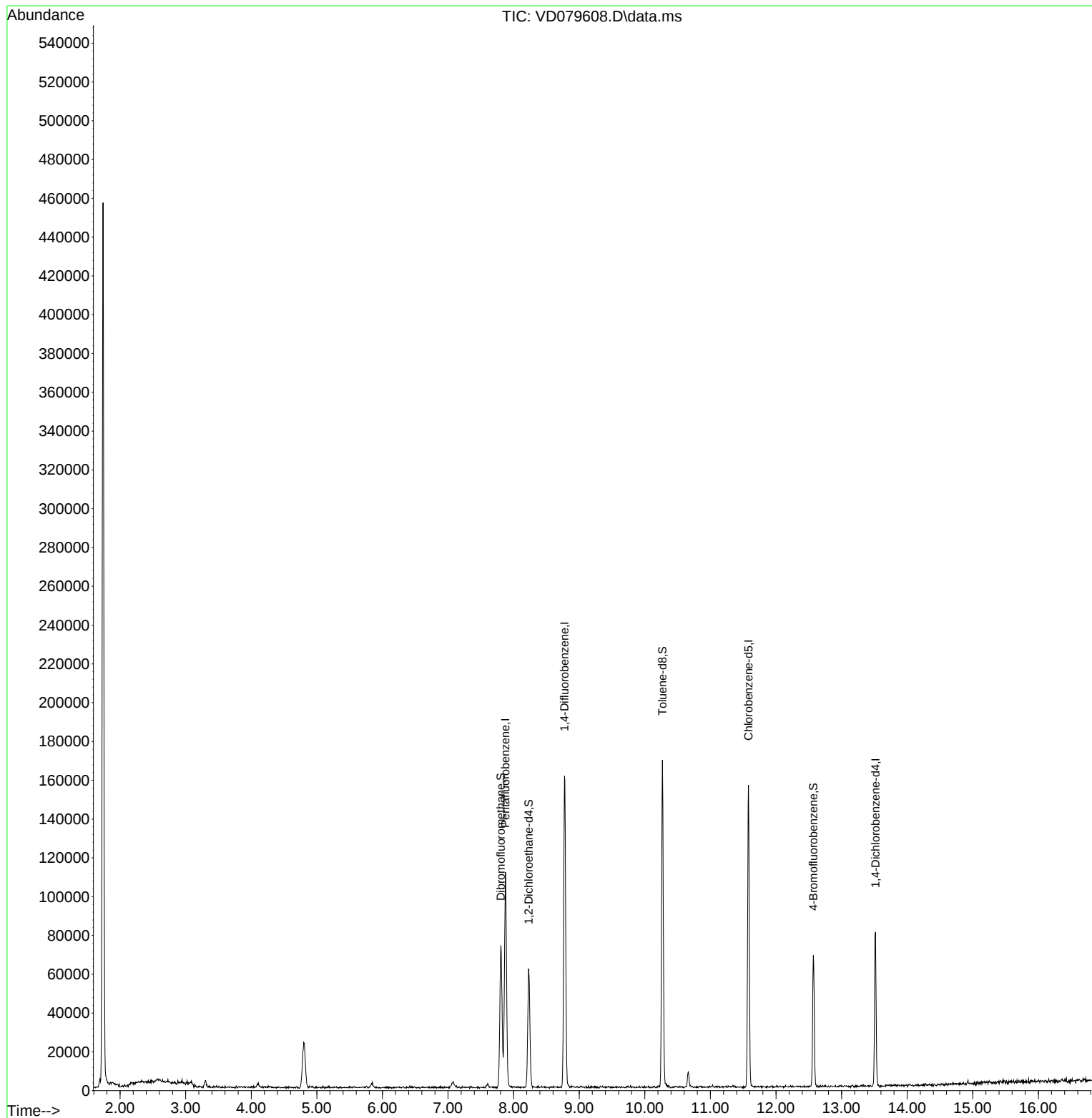
Target Compounds	Qvalue

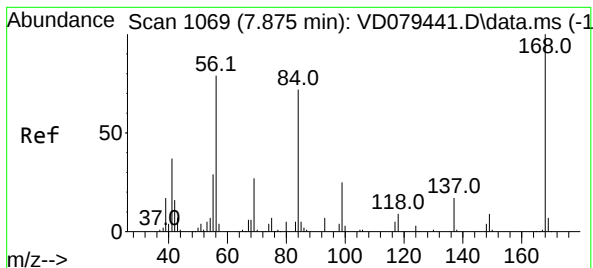
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079608.D
Acq On : 06 Aug 2024 05:34
Operator : RP/MD
Sample : P3464-01
Misc : 4.54G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

Quant Time: Aug 06 08:09:48 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

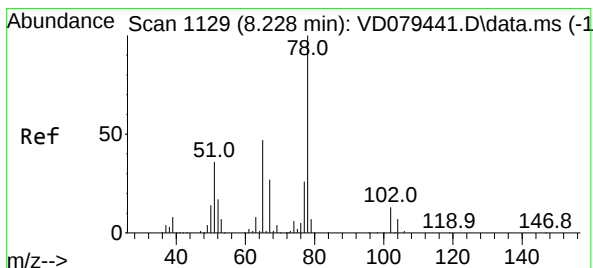
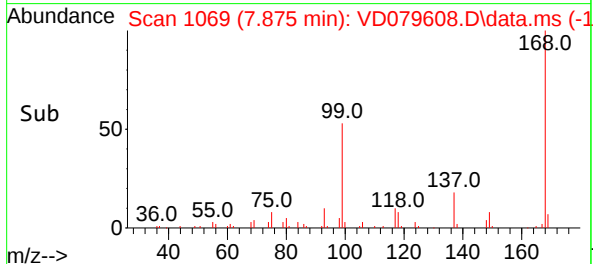
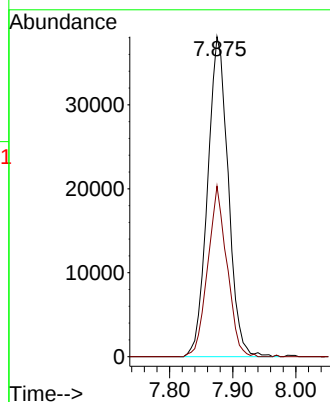
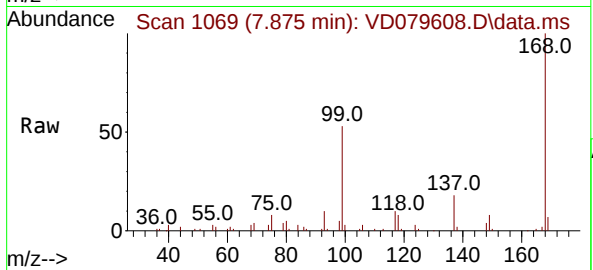




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079608.D
Acq: 06 Aug 2024 05:34

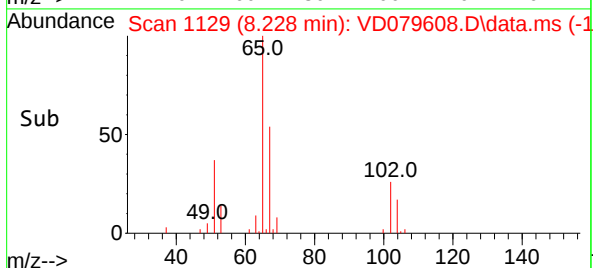
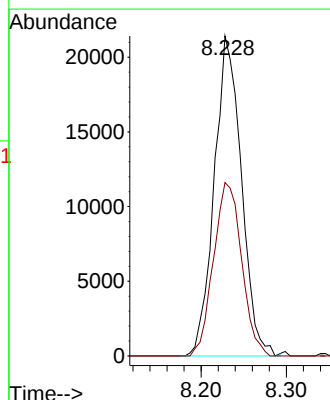
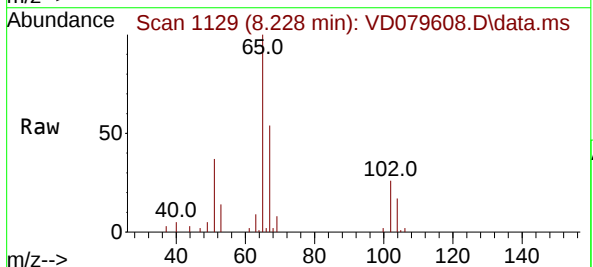
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

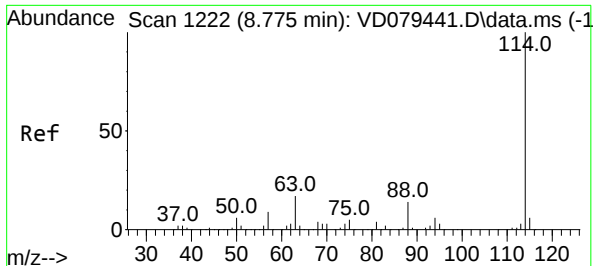
Tgt Ion:168 Resp: 86401
Ion Ratio Lower Upper
168 100
99 53.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079608.D
Acq: 06 Aug 2024 05:34

Tgt Ion: 65 Resp: 47376
Ion Ratio Lower Upper
65 100
67 56.1 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: VD079608.D

Acq: 06 Aug 2024 05:34

Instrument :

MSVOA_D

ClientSampleId :

TOPSOIL

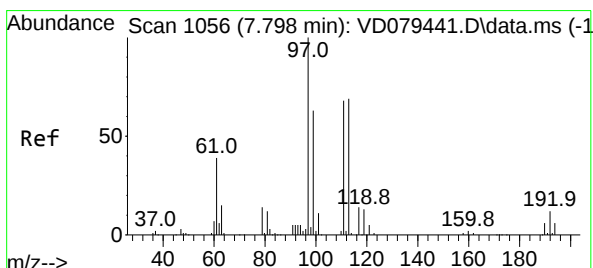
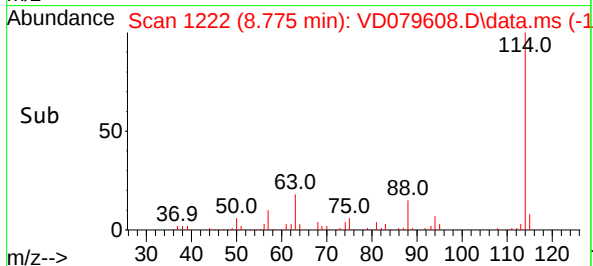
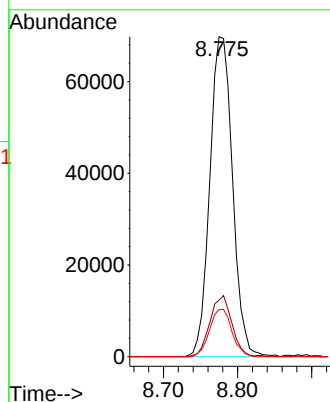
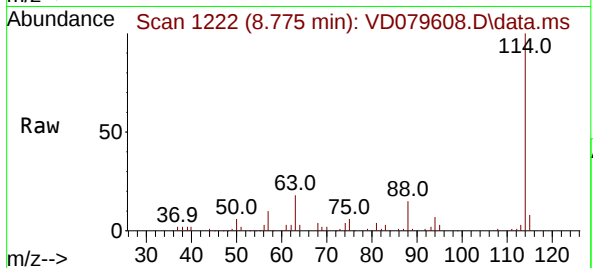
Tgt Ion:114 Resp: 148639

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.969 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079608.D

Acq: 06 Aug 2024 05:34

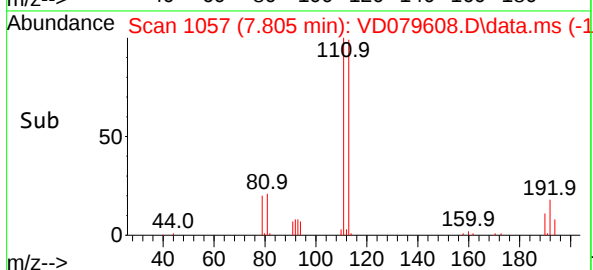
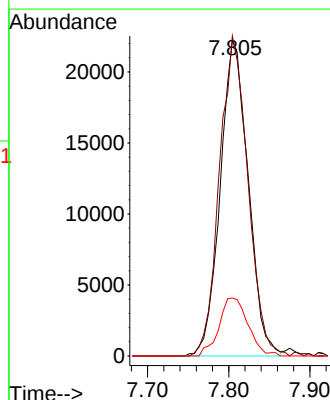
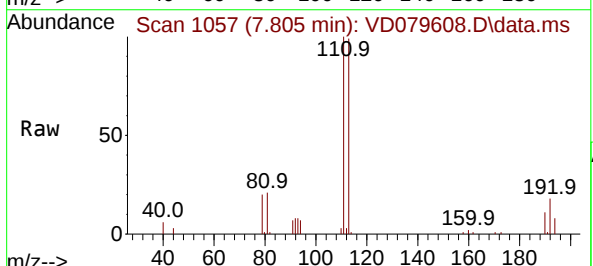
Tgt Ion:113 Resp: 53290

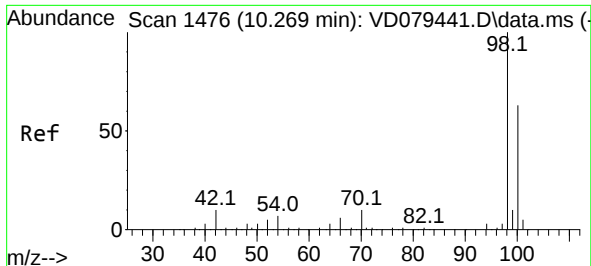
Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 19.1 15.4 23.0

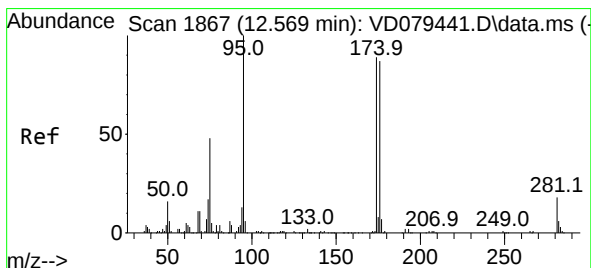
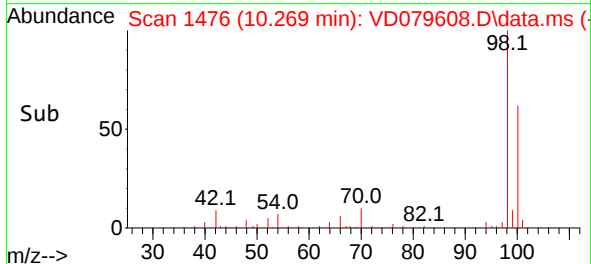
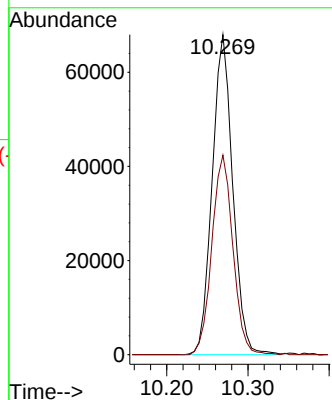
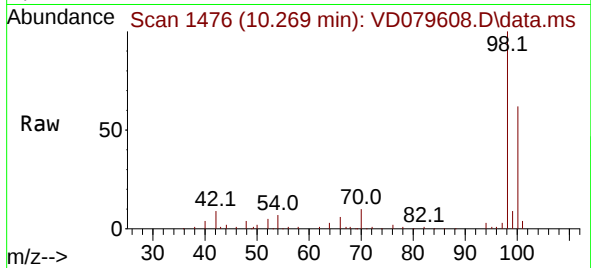




#50
Toluene-d8
Concen: 30.661 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079608.D
Acq: 06 Aug 2024 05:34

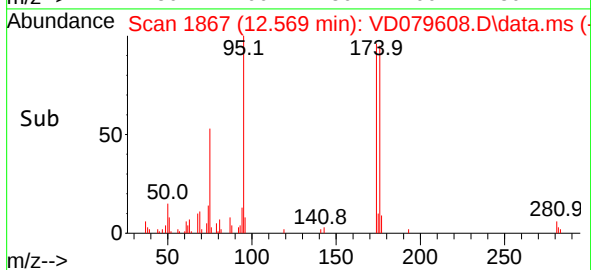
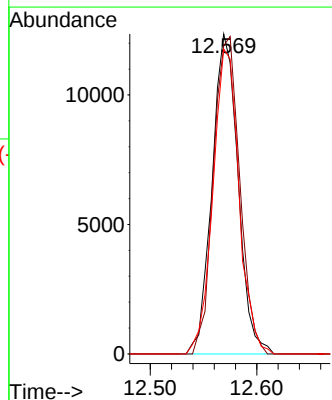
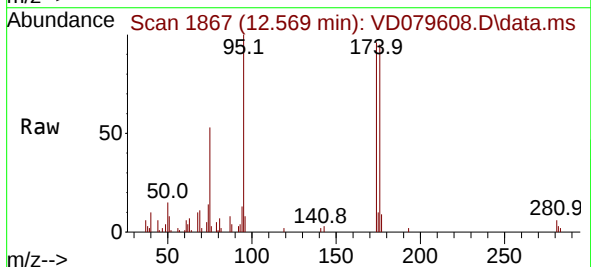
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

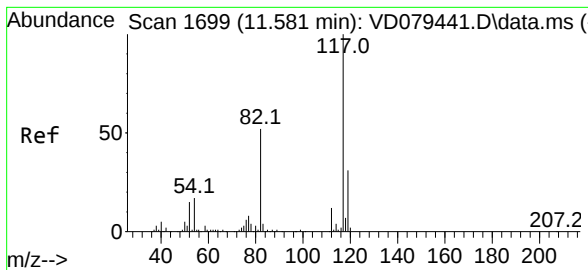
Tgt Ion: 98 Resp: 119791
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 18.464 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079608.D
Acq: 06 Aug 2024 05:34

Tgt Ion: 95 Resp: 20875
Ion Ratio Lower Upper
95 100
174 100.6 0.0 195.4
176 95.6 0.0 192.6

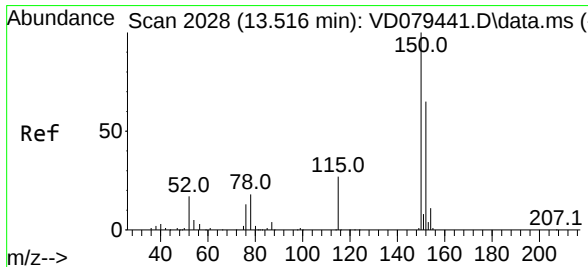
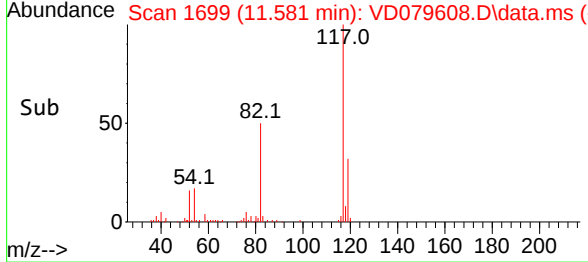
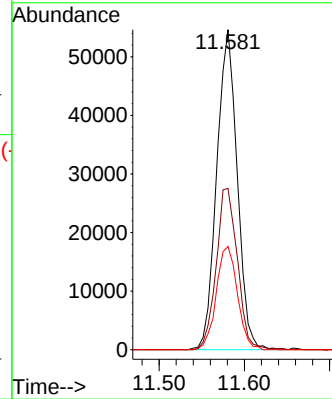
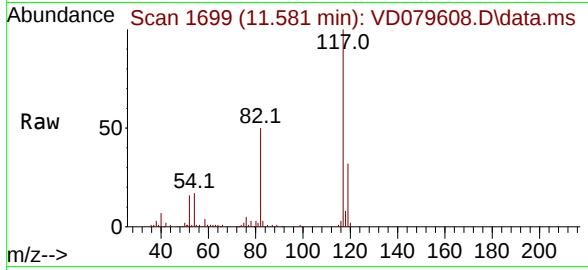




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079608.D
Acq: 06 Aug 2024 05:34

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

Tgt Ion:117	Resp:	91044
Ion Ratio	Lower	Upper
117	100	
82	50.4	39.8 59.6
119	32.2	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: VD079608.D
Acq: 06 Aug 2024 05:34

Tgt Ion:152	Resp:	22742
Ion Ratio	Lower	Upper
152	100	
115	50.3	26.5 79.5
150	161.4	0.0 341.6

