

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077911.D
 Acq On : 15 Dec 2023 18:39
 Operator : RP/MD
 Sample : BLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLK

Quant Time: Dec 16 04:05:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	2533	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	8003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	22169	742.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	1485.480%#
35) Dibromofluoromethane	7.816	113	7487	133.558	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	267.120%#
50) Toluene-d8	10.269	98	11429	50.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.575	95	10992	163.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	327.500%#

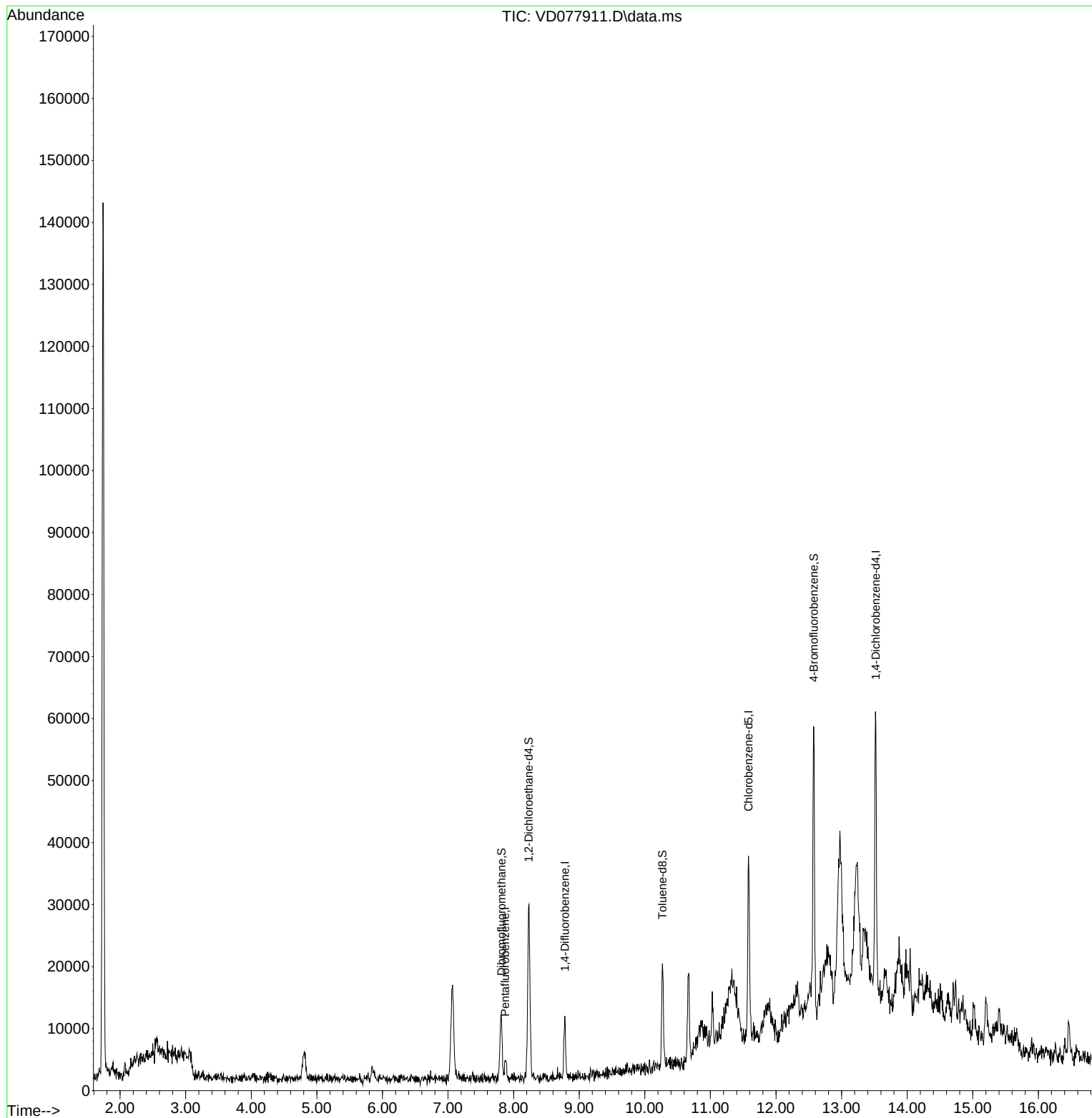
Target Compounds	Qvalue

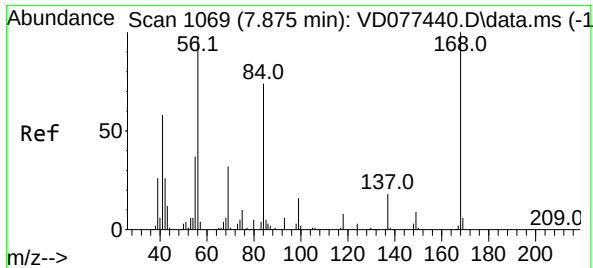
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
Data File : VD077911.D
Acq On : 15 Dec 2023 18:39
Operator : RP/MD
Sample : BLK
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BLK

Quant Time: Dec 16 04:05:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

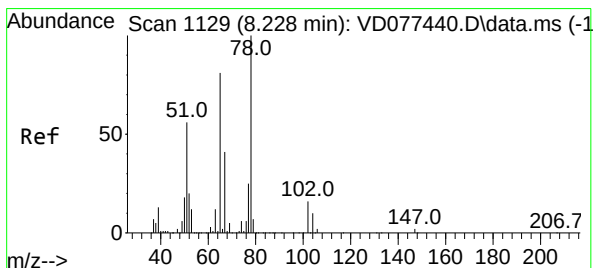
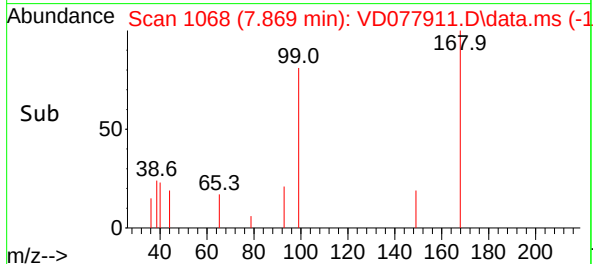
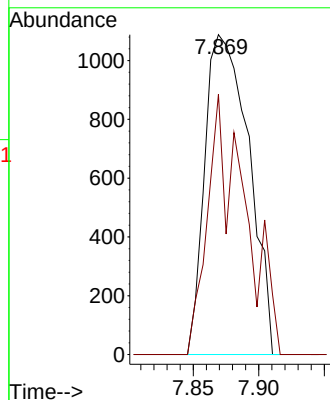
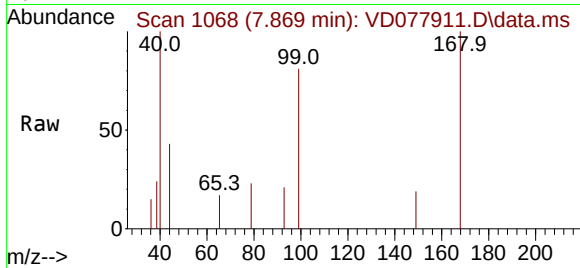




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

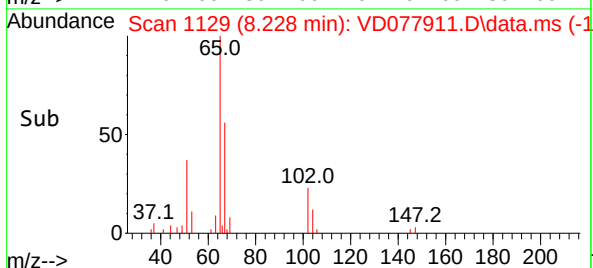
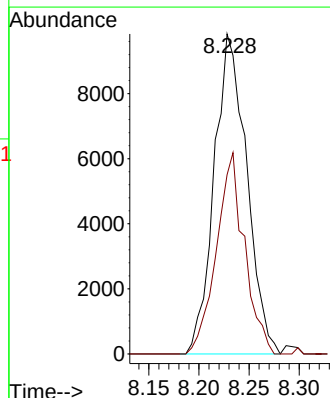
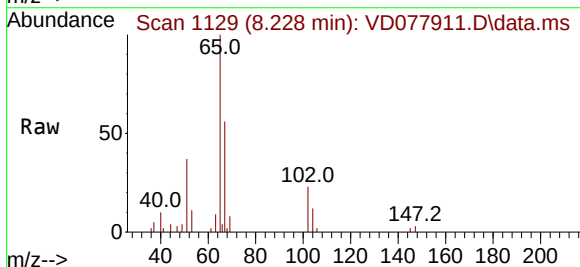
Instrument :
MSVOA_D
ClientSampleId :
BLK

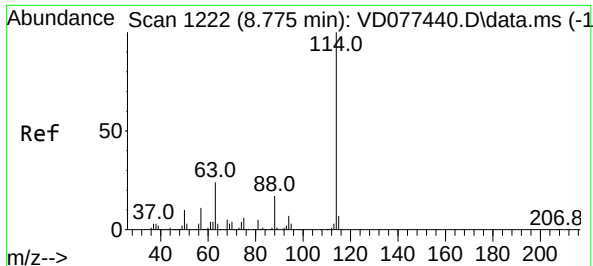
Tgt Ion:168 Resp: 2533
Ion Ratio Lower Upper
168 100
99 81.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 742.736 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

Tgt Ion: 65 Resp: 22169
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077911.D

Acq: 15 Dec 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

BLK

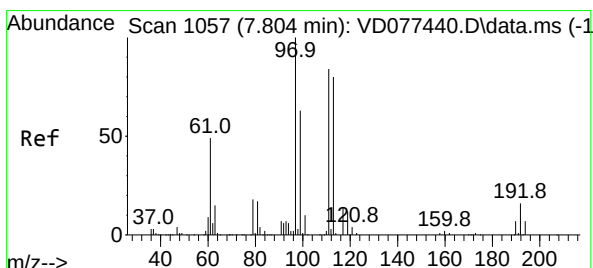
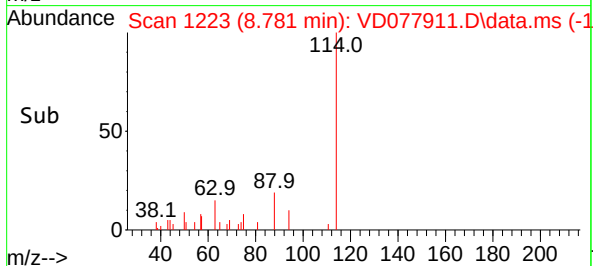
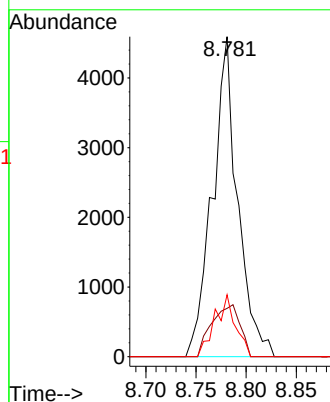
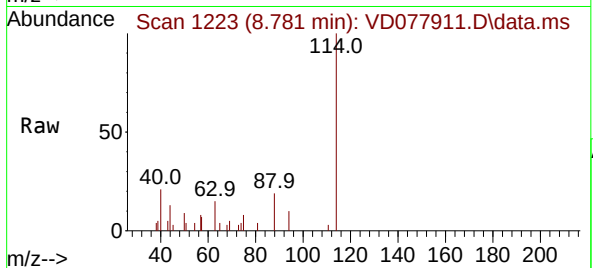
Tgt Ion:114 Resp: 8003

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 19.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 133.558 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD077911.D

Acq: 15 Dec 2023 18:39

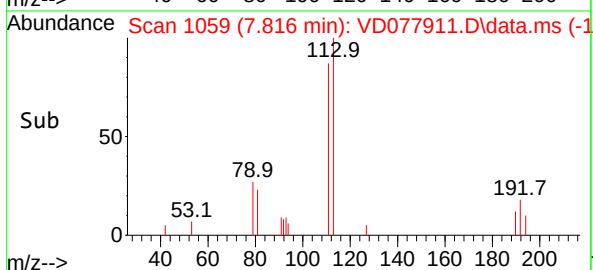
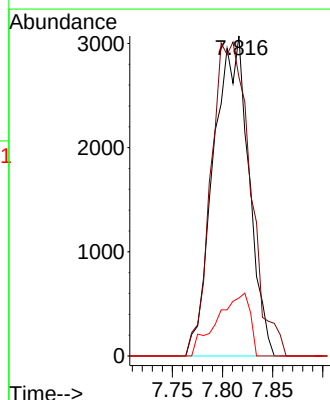
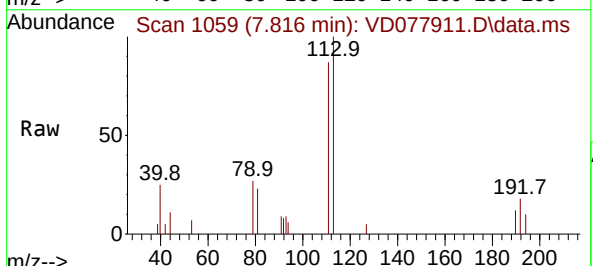
Tgt Ion:113 Resp: 7487

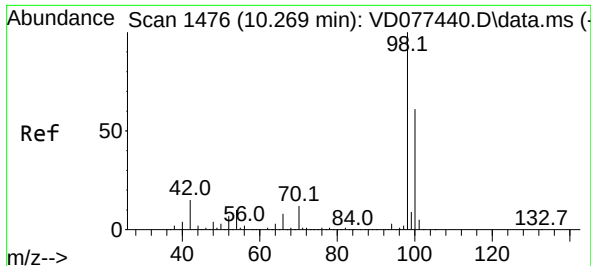
Ion Ratio Lower Upper

113 100

111 109.2 84.7 127.1

192 18.4 16.8 25.2

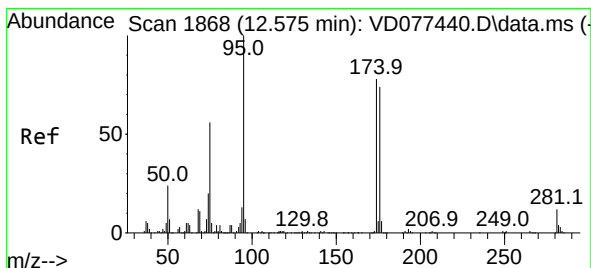
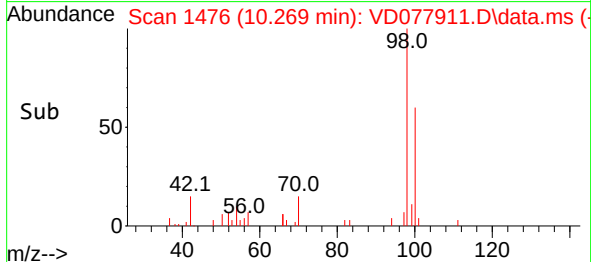
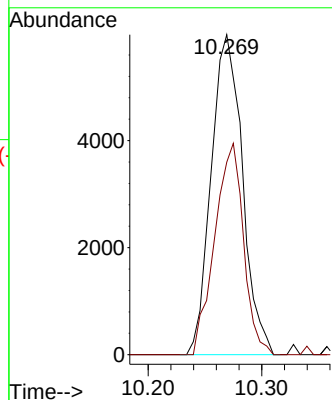
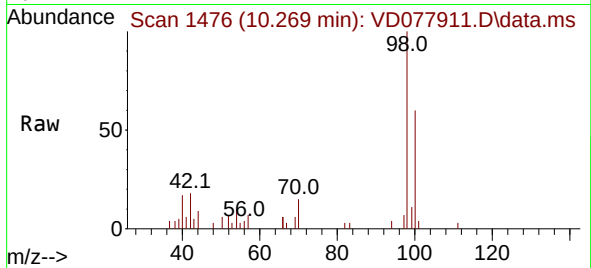




#50
Toluene-d8
Concen: 50.904 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

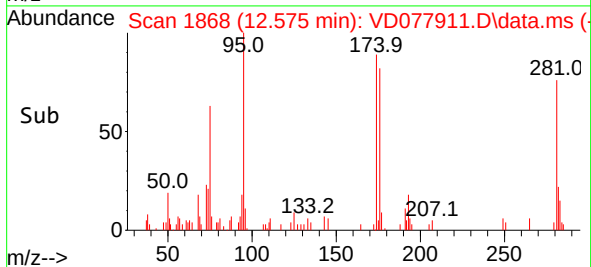
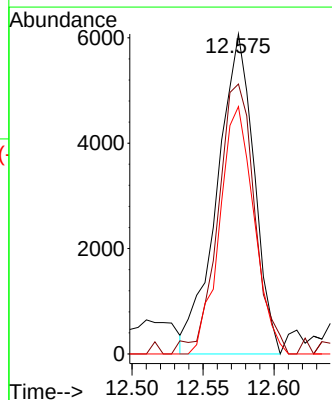
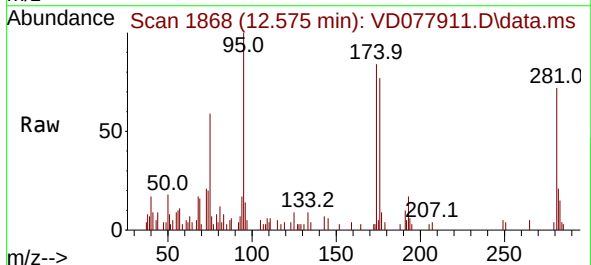
Instrument :
MSVOA_D
ClientSampleId :
BLK

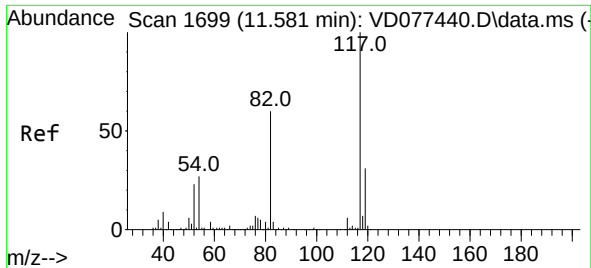
Tgt Ion: 98 Resp: 11429
Ion Ratio Lower Upper
98 100
100 60.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 163.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

Tgt Ion: 95 Resp: 10992
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 72.0 0.0 191.8

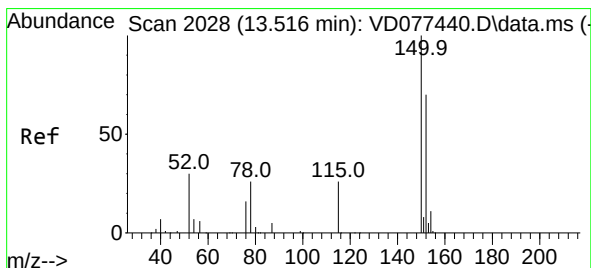
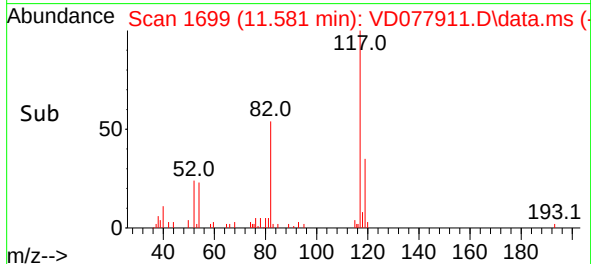
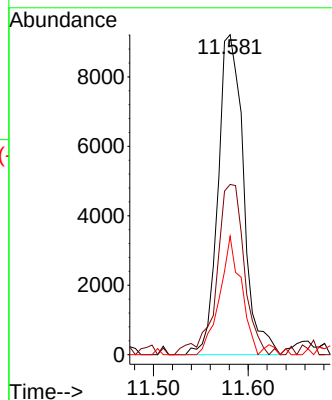
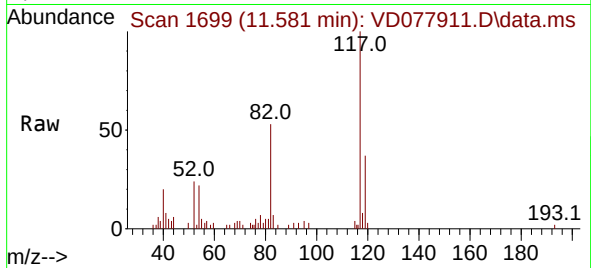




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
BLK

Tgt Ion:	117	Resp:	17216
Ion	Ratio	Lower	Upper
117	100		
82	53.2	38.3	57.5
119	37.0	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077911.D
Acq: 15 Dec 2023 18:39

Tgt Ion:	152	Resp:	12067
Ion	Ratio	Lower	Upper
152	100		
115	65.4	27.1	81.3
150	155.8	0.0	353.6

