

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076176.D
 Acq On : 22 May 2023 15:22
 Operator : KP/SY
 Sample : 02845-01
 Misc : 4.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: May 23 01:25:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	281306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	574991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	519194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	199049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142766	52.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.020%
35) Dibromofluoromethane	7.799	113	185412	46.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.300%
50) Toluene-d8	10.269	98	546689	35.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.580%
62) 4-Bromofluorobenzene	12.575	95	176556	41.023	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%

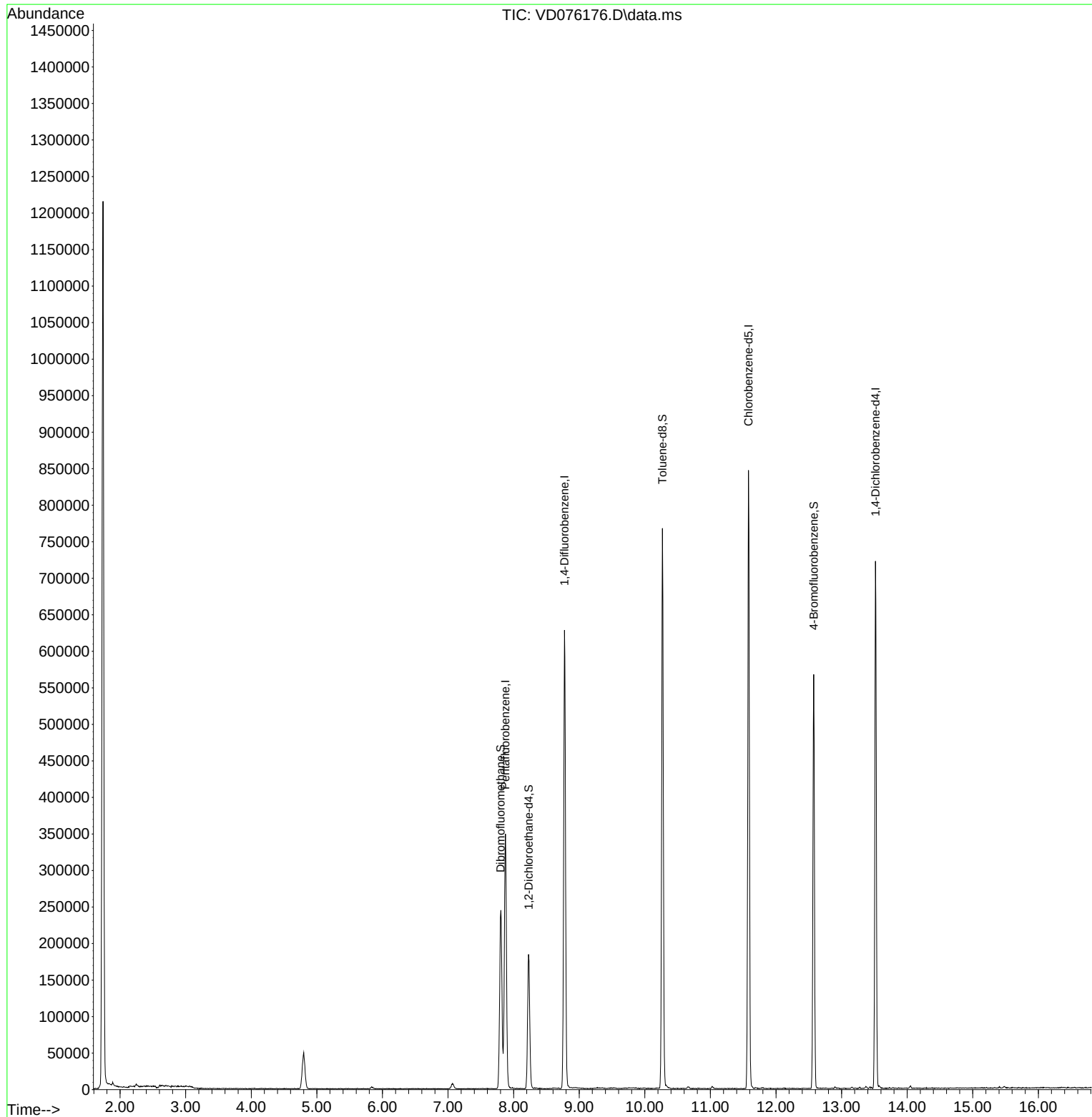
Target Compounds	Qvalue

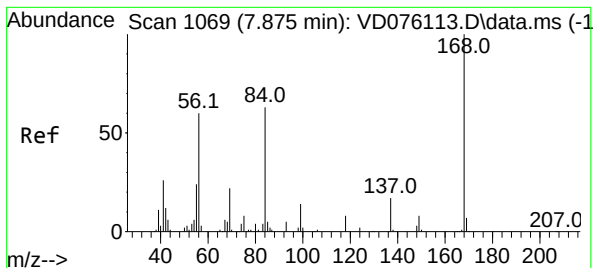
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
Data File : VD076176.D
Acq On : 22 May 2023 15:22
Operator : KP/SY
Sample : 02845-01
Misc : 4.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP1

Quant Time: May 23 01:25:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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: VD076176.D

Acq: 22 May 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

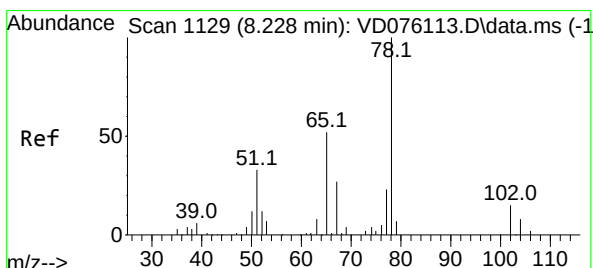
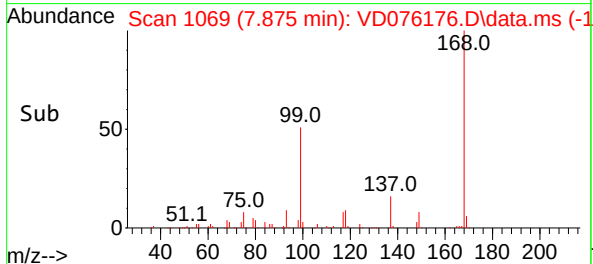
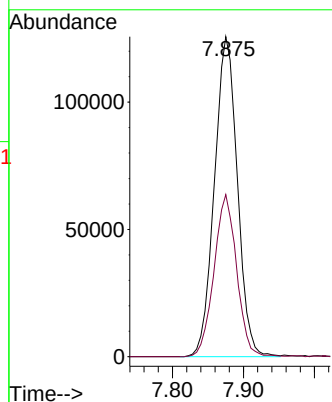
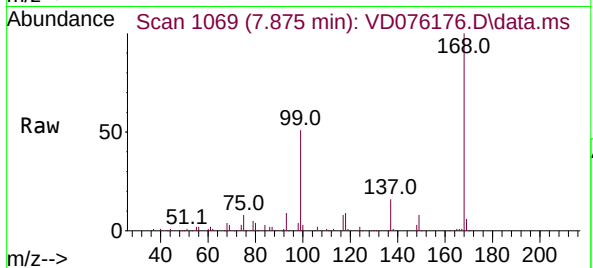
TP1

Tgt Ion:168 Resp: 281306

Ion Ratio Lower Upper

168 100

99 50.6 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 52.512 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076176.D

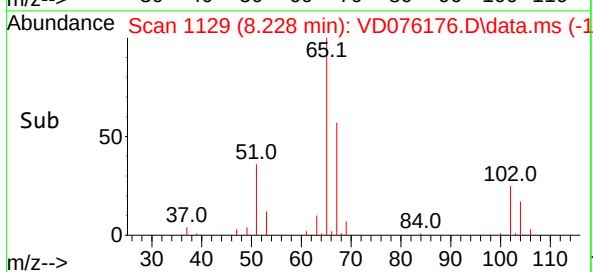
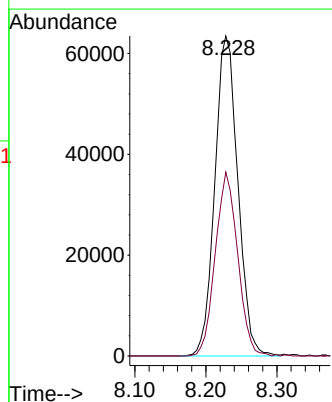
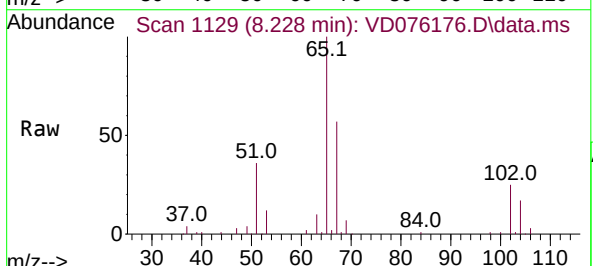
Acq: 22 May 2023 15:22

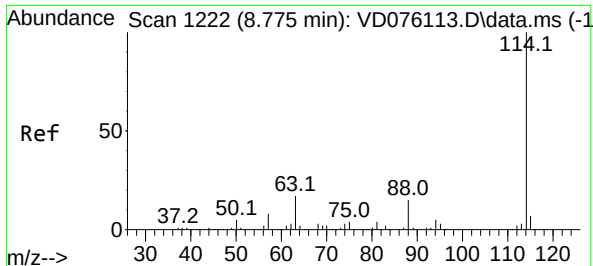
Tgt Ion: 65 Resp: 142766

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076176.D

Acq: 22 May 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

TP1

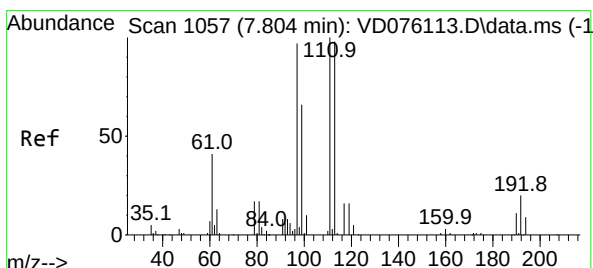
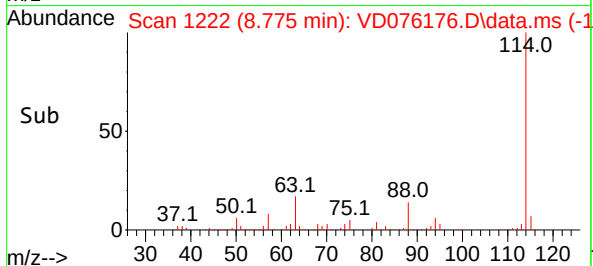
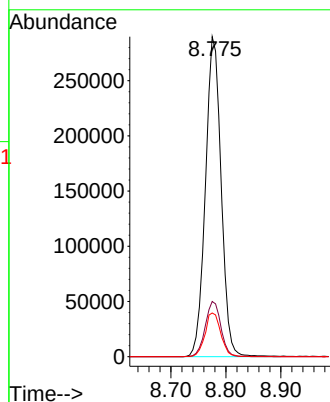
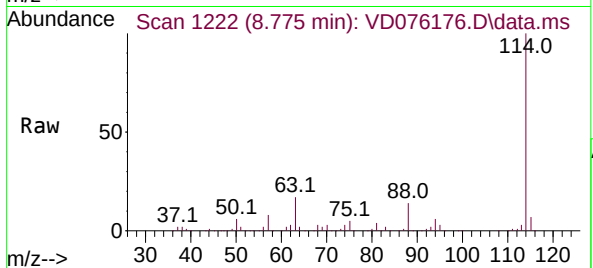
Tgt Ion:114 Resp: 574991

Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.651 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076176.D

Acq: 22 May 2023 15:22

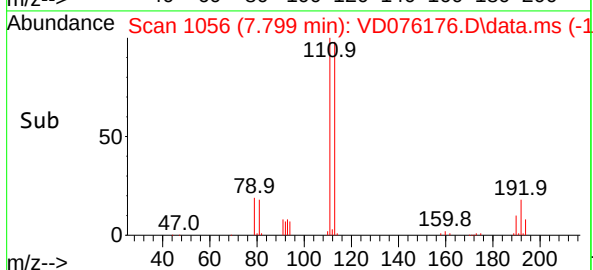
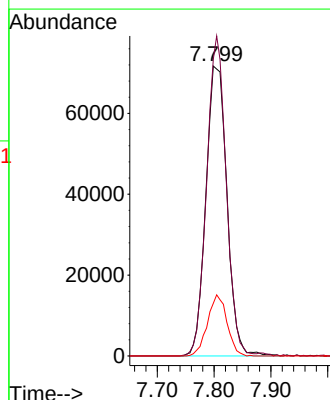
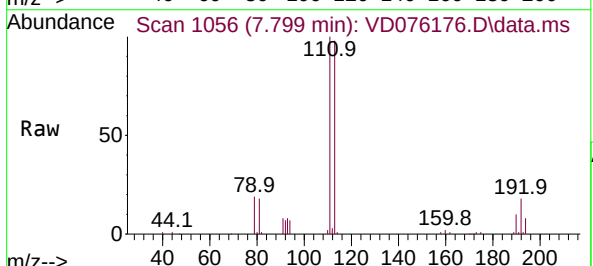
Tgt Ion:113 Resp: 185412

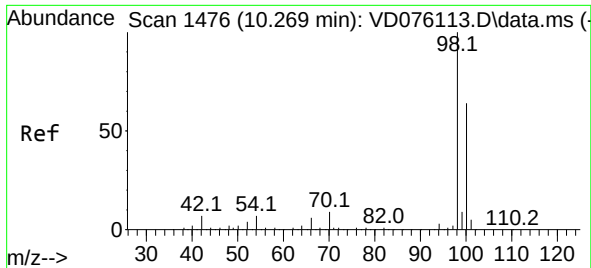
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 19.4 15.2 22.8

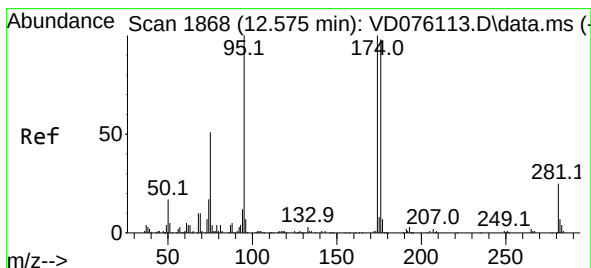
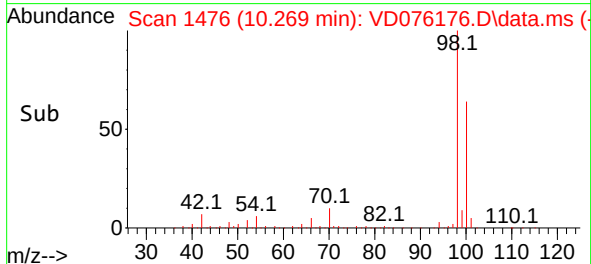
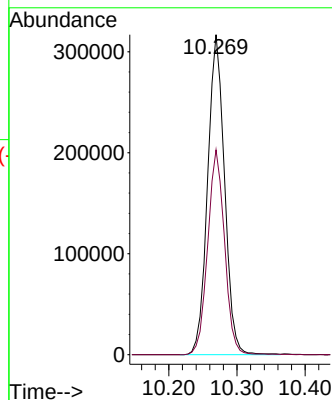
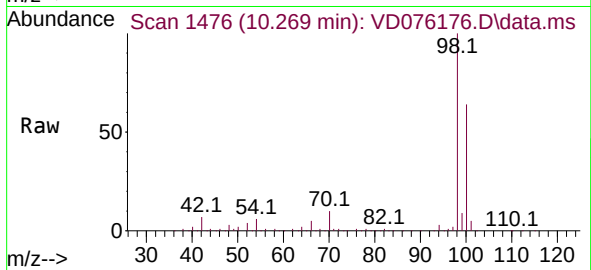




#50
Toluene-d8
Concen: 35.285 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

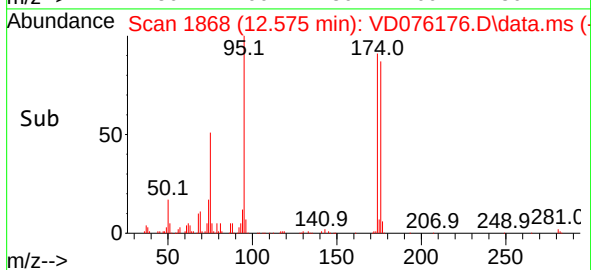
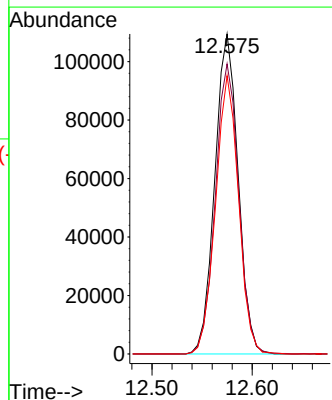
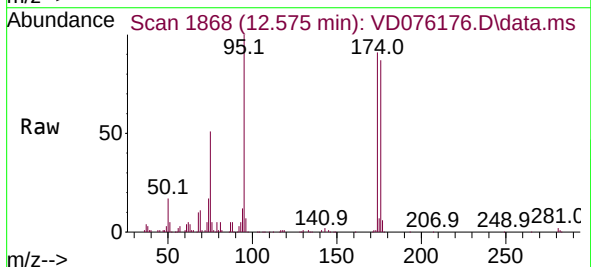
Instrument :
MSVOA_D
ClientSampleId :
TP1

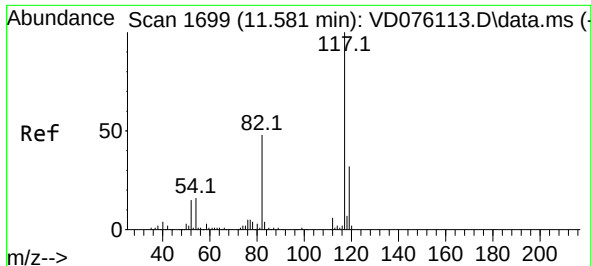
Tgt Ion: 98 Resp: 546689
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.023 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion: 95 Resp: 176556
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 85.8 0.0 156.8

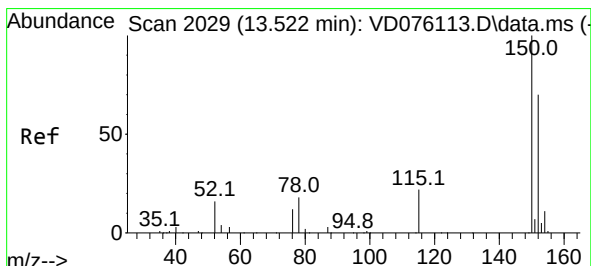
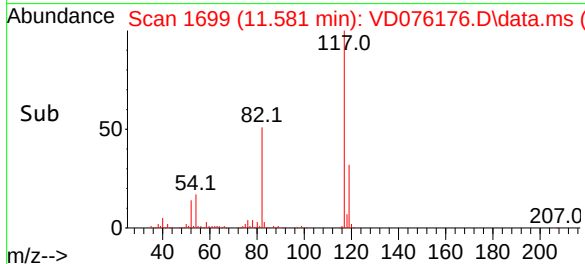
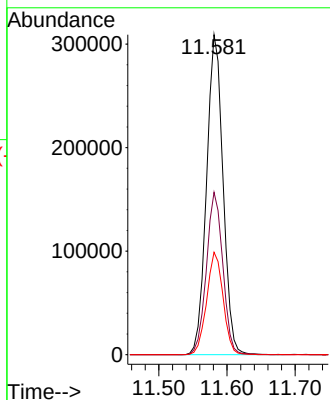
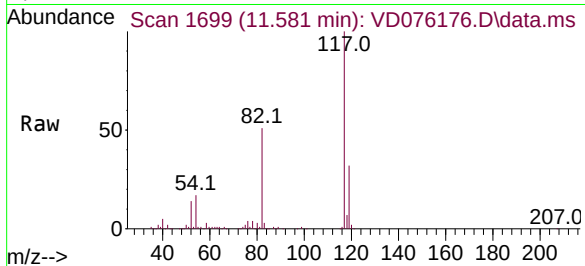




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
TP1

Tgt Ion:117 Resp: 519194
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion:152 Resp: 199049
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 158.2 0.0 364.8

