

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076160.D
 Acq On : 19 May 2023 16:40
 Operator : KP/SY
 Sample : 02845-11
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: May 22 01:30:24 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)

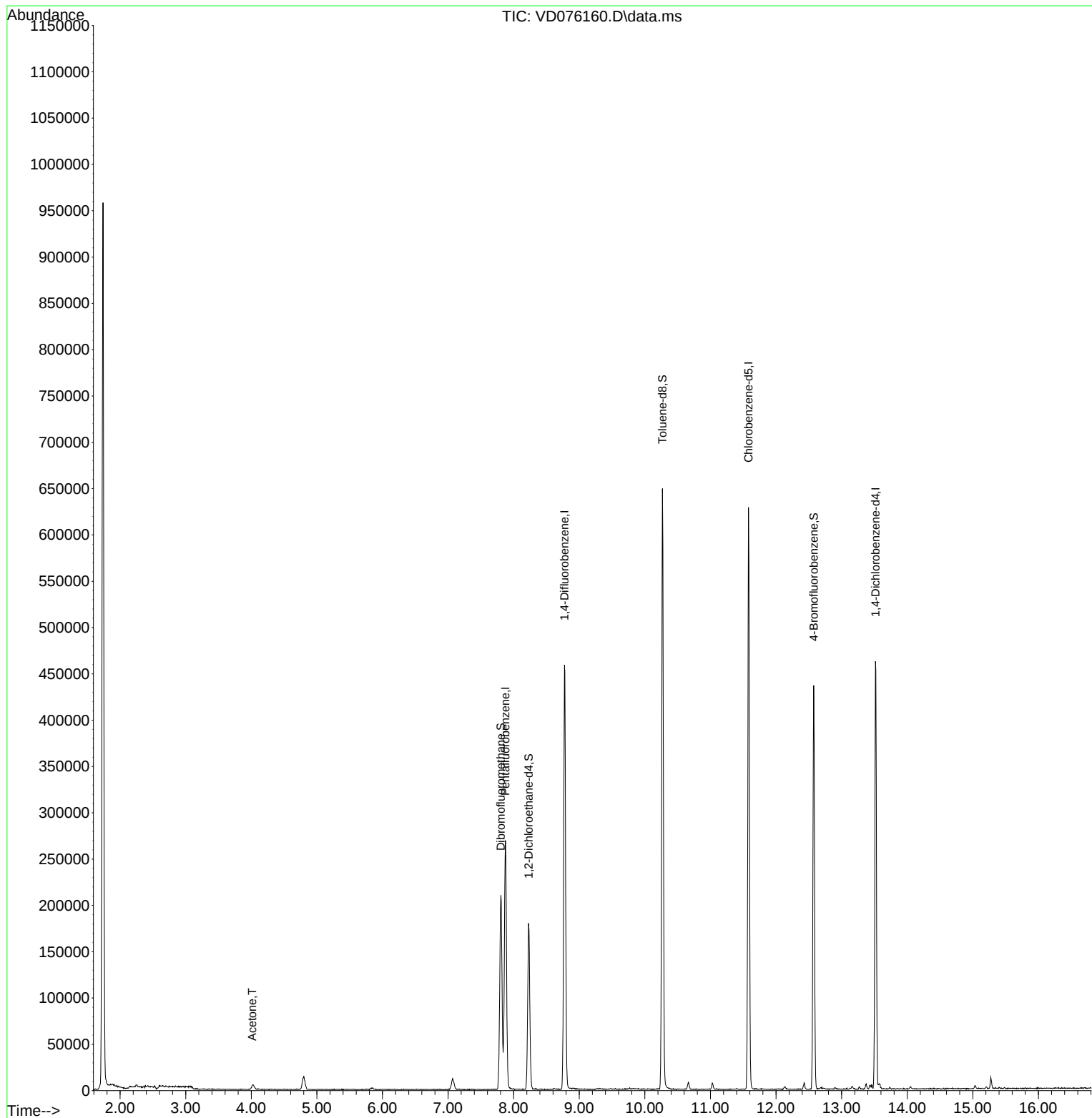
Internal Standards						
1) Pentafluorobenzene	7.875	168	213453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	433027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	135374	65.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.240%
35) Dibromofluoromethane	7.804	113	156587	52.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.269	98	465820	39.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.840%
62) 4-Bromofluorobenzene	12.575	95	133561	41.207	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.420%
Target Compounds						
						Qvalue
16) Acetone	4.016	43	9042	22.029	ug/l #	87

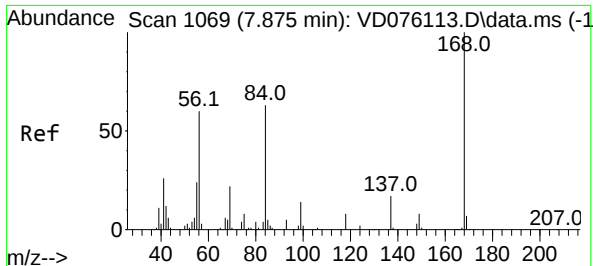
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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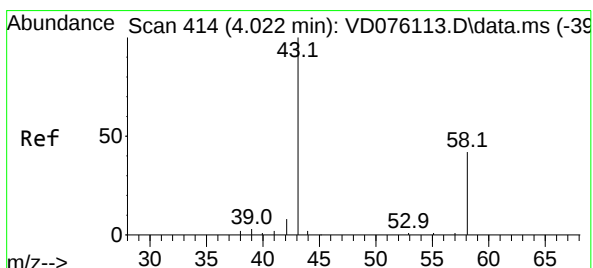
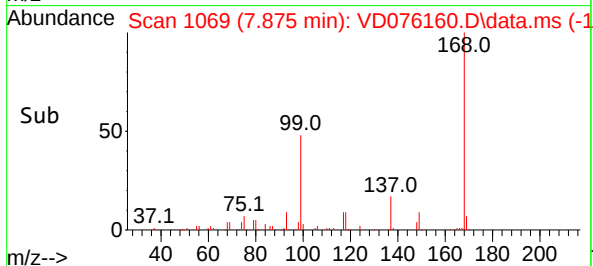
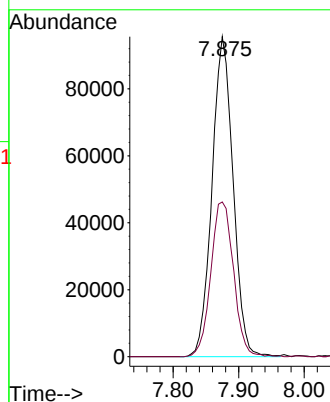
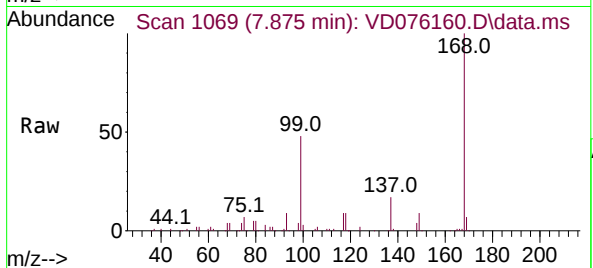




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

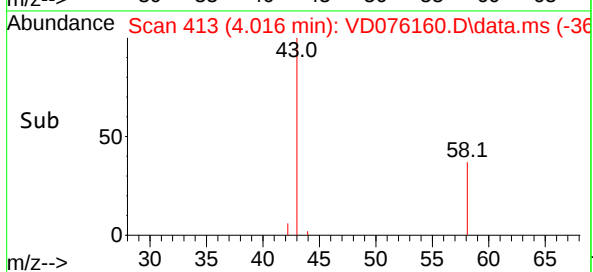
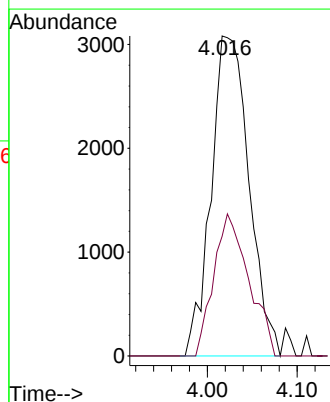
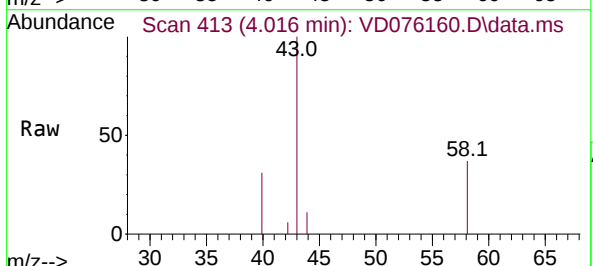
Instrument :
MSVOA_D
ClientSampleId :
TP2

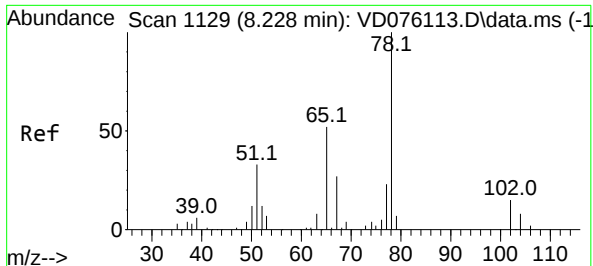
Tgt Ion:168 Resp: 213453
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#16
Acetone
Concen: 22.029 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

Tgt Ion: 43 Resp: 9042
Ion Ratio Lower Upper
43 100
58 37.4 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 65.621 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

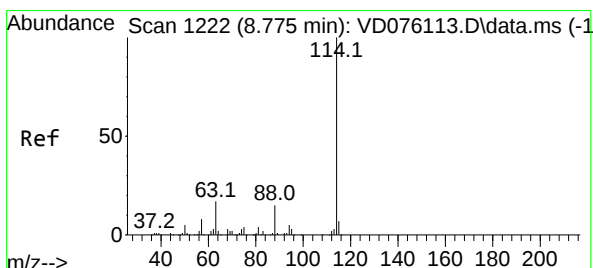
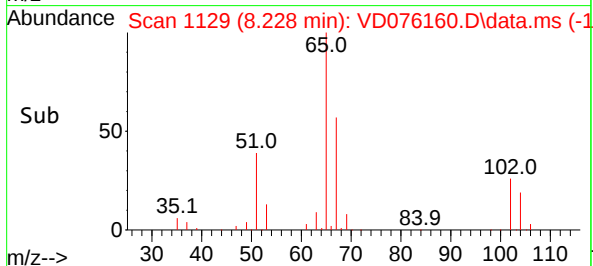
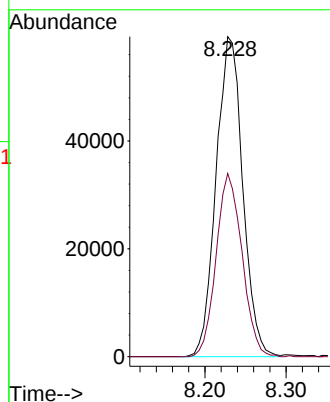
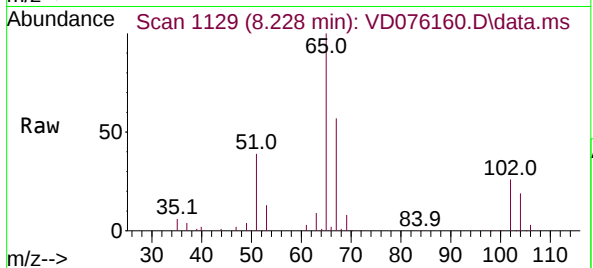
TP2

Tgt Ion: 65 Resp: 135374

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

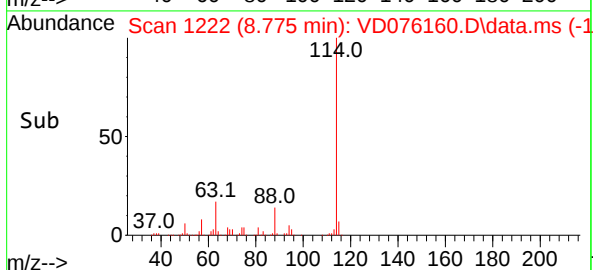
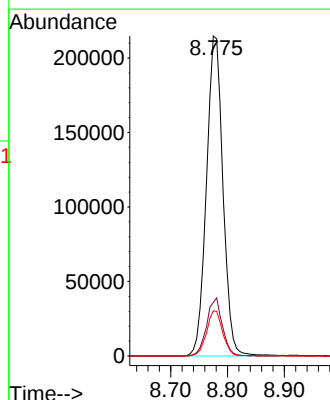
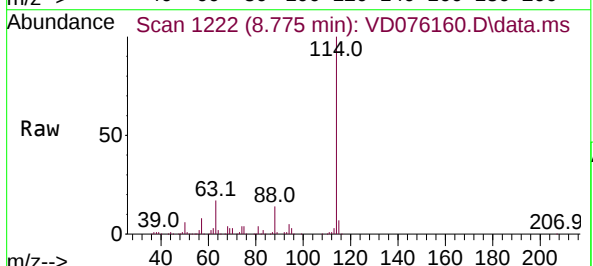
Tgt Ion: 114 Resp: 433027

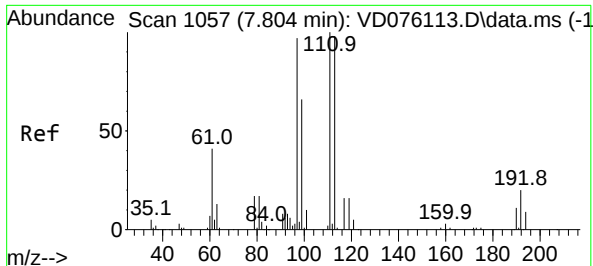
Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.315 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD076160.D

Acq: 19 May 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

TP2

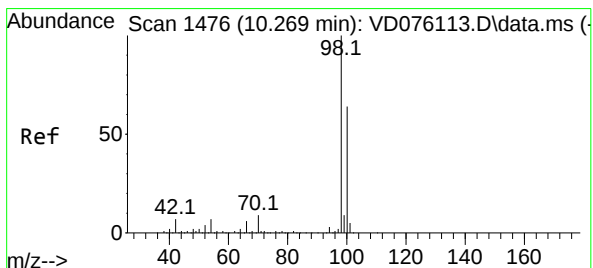
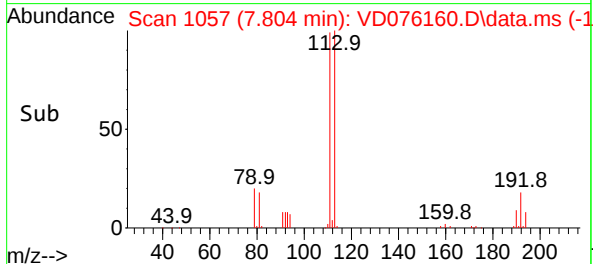
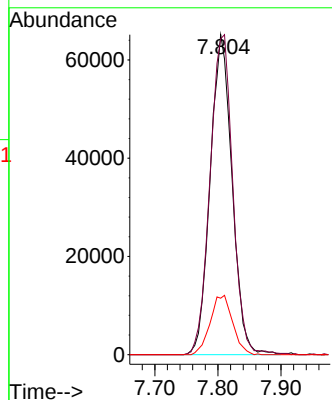
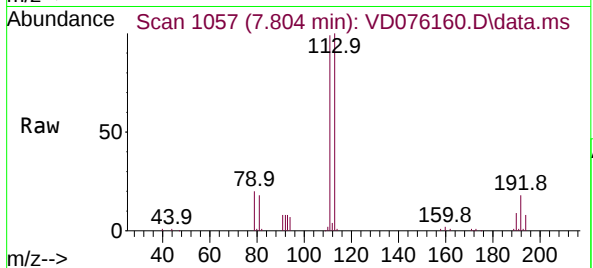
Tgt Ion:113 Resp: 156587

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.1 15.2 22.8



#50

Toluene-d8

Concen: 39.922 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076160.D

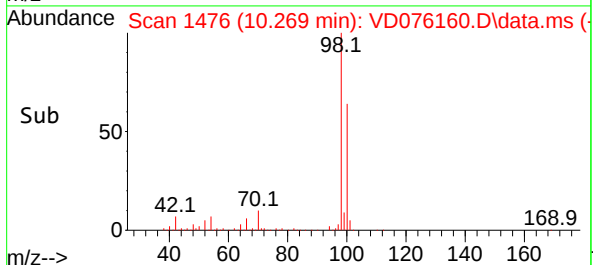
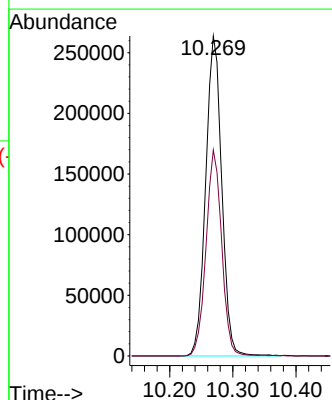
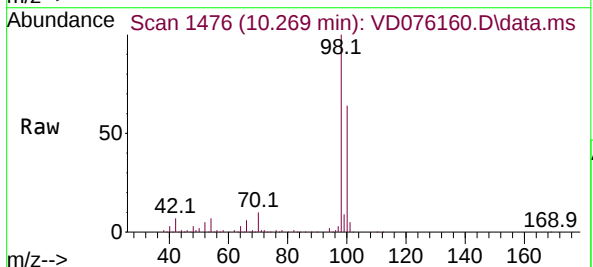
Acq: 19 May 2023 16:40

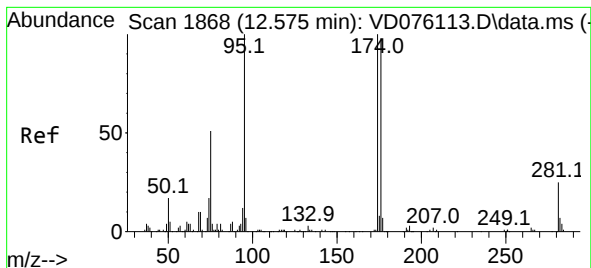
Tgt Ion: 98 Resp: 465820

Ion Ratio Lower Upper

98 100

100 62.8 52.1 78.1

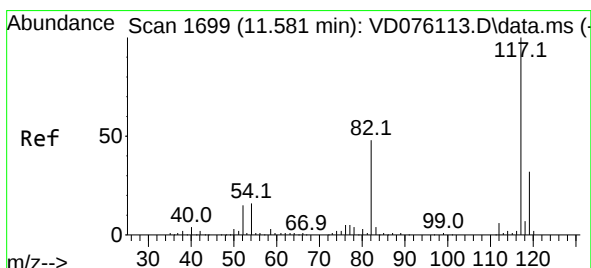
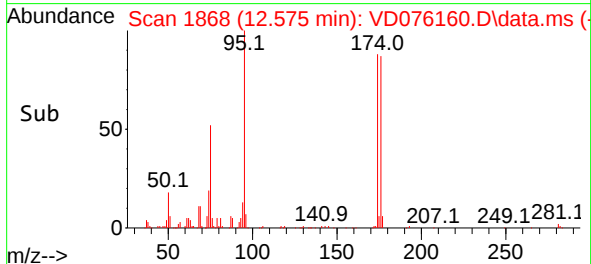
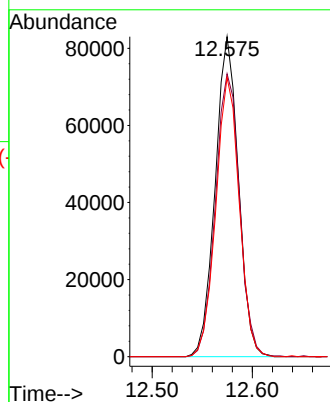
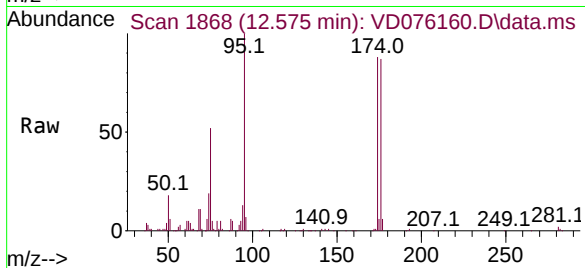




#62
4-Bromofluorobenzene
Concen: 41.207 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

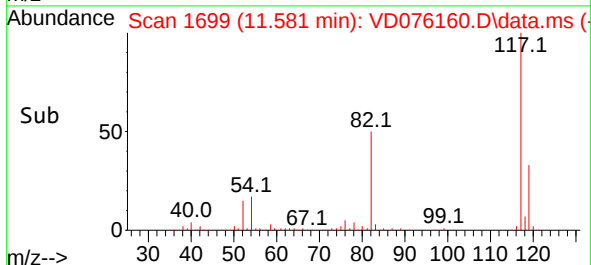
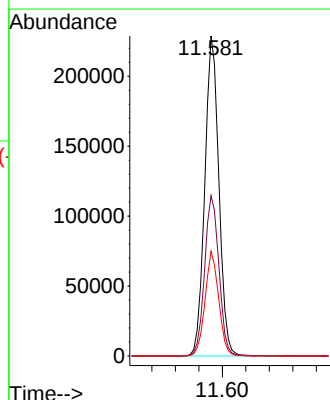
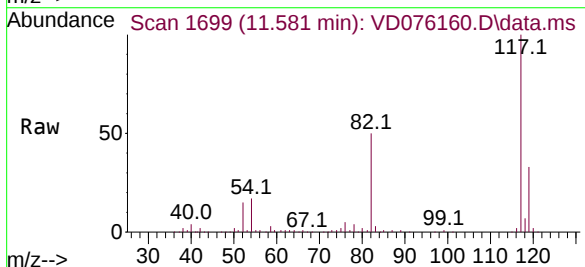
Instrument :
MSVOA_D
ClientSampleId :
TP2

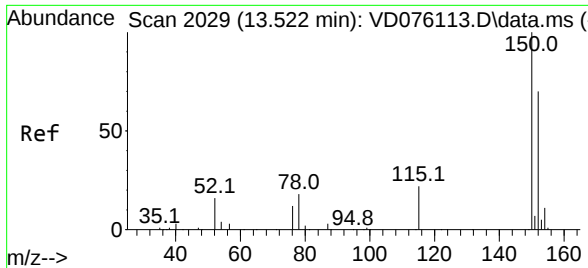
Tgt Ion: 95 Resp: 133561
Ion Ratio Lower Upper
95 100
174 91.7 0.0 164.0
176 87.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076160.D
Acq: 19 May 2023 16:40

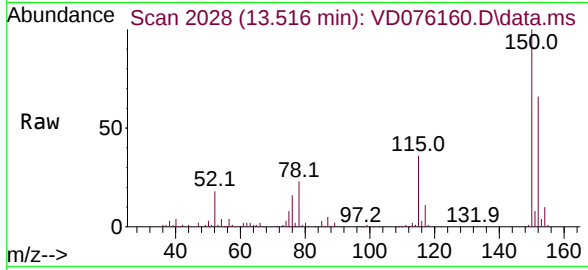
Tgt Ion: 117 Resp: 379875
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 32.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076160.D
 Acq: 19 May 2023 16:40

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2



Tgt Ion:152 Resp: 132382
 Ion Ratio Lower Upper
 152 100
 115 54.0 30.1 90.3
 150 157.7 0.0 364.8

