

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076277.D
 Acq On : 30 May 2023 16:30
 Operator : KP/SY
 Sample : 02971-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB12

Quant Time: May 31 02:20:51 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)

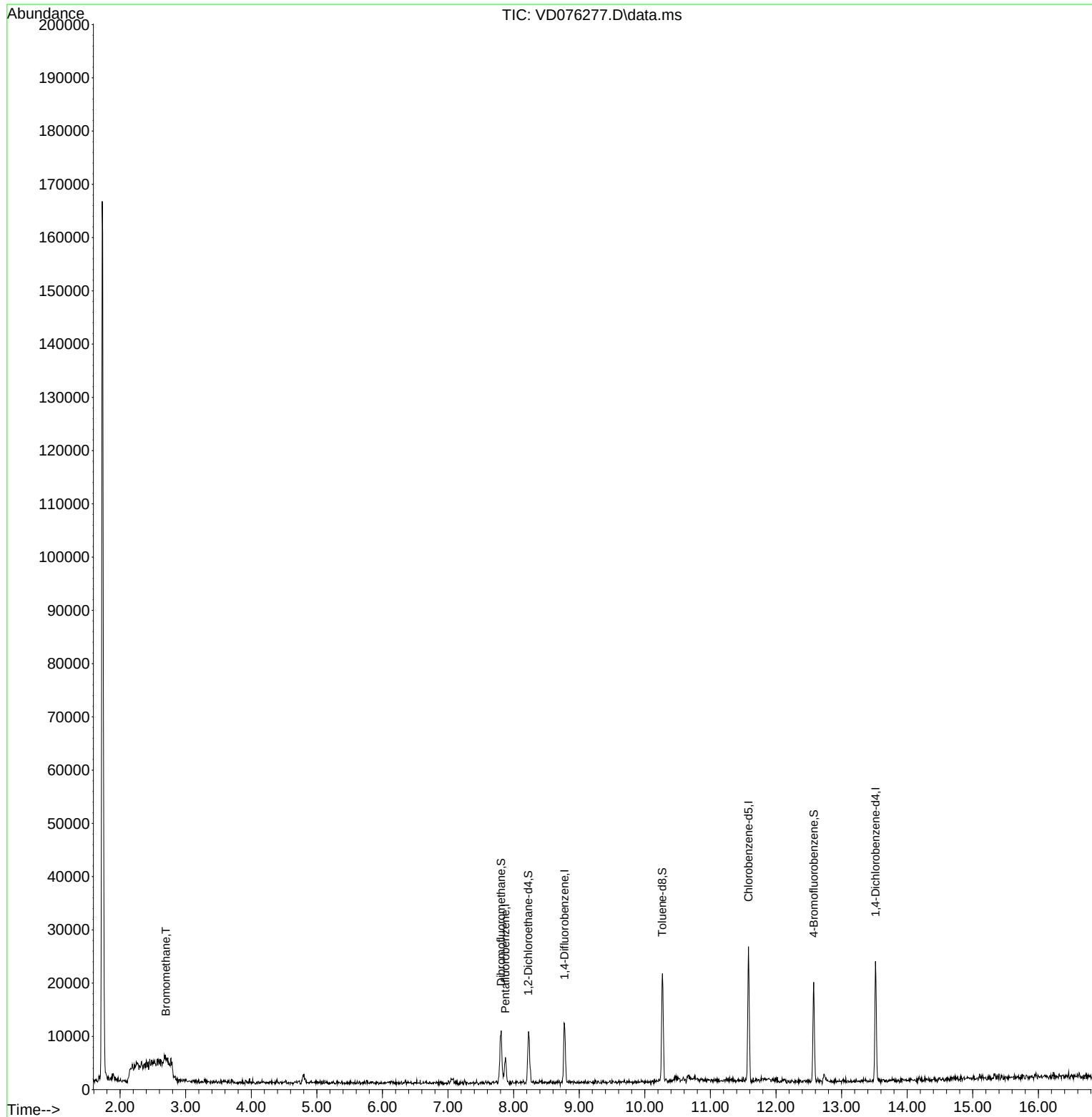
Internal Standards						
1) Pentafluorobenzene	7.875	168	4584	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7377	166.512	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	333.020	%#
35) Dibromofluoromethane	7.810	113	7335	91.725	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	183.460	%#
50) Toluene-d8	10.263	98	16595	53.235	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	106.460	%
62) 4-Bromofluorobenzene	12.575	95	5649	65.235	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	130.460	%
Target Compounds						
						Qvalue
5) Bromomethane	2.699	94	1149	19.141	ug/l	82

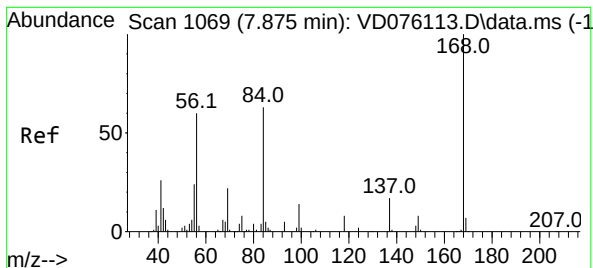
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076277.D

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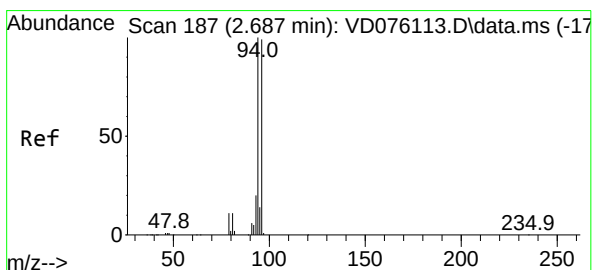
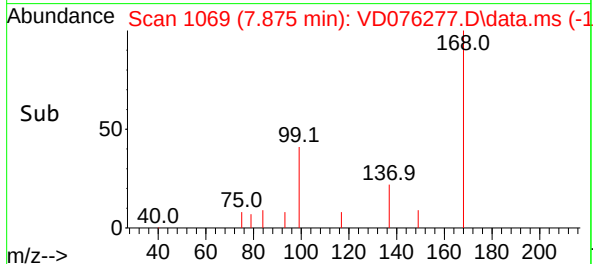
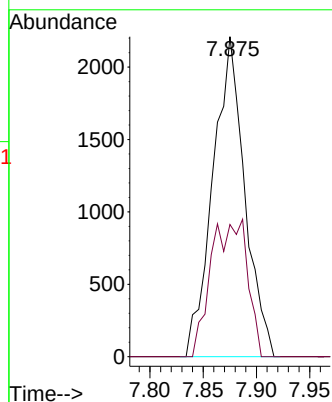
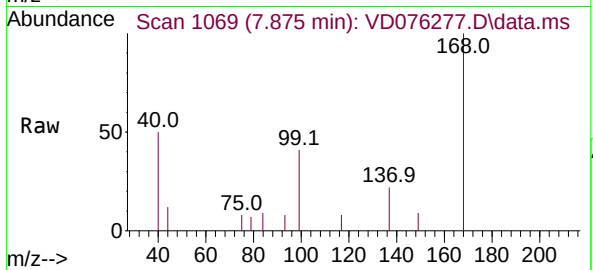
SB12

Tgt Ion:168 Resp: 4584

Ion Ratio Lower Upper

168 100

99 41.3 43.8 65.6#



#5

Bromomethane

Concen: 19.141 ug/l

RT: 2.699 min Scan# 189

Delta R.T. 0.012 min

Lab File: VD076277.D

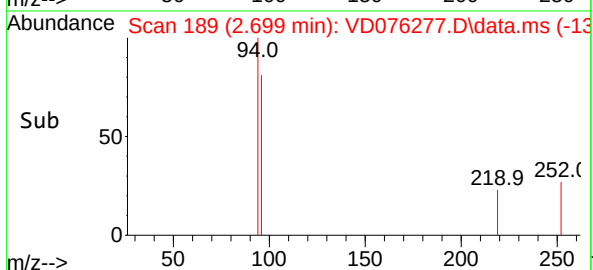
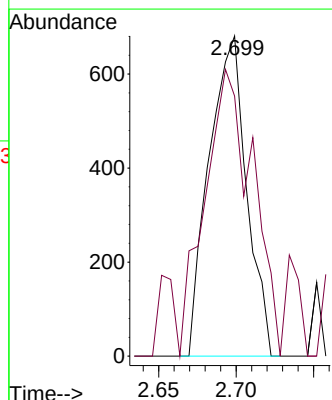
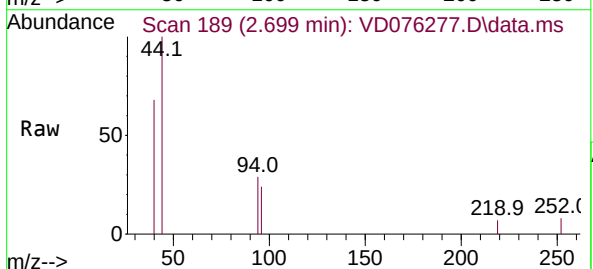
Acq: 30 May 2023 16:30

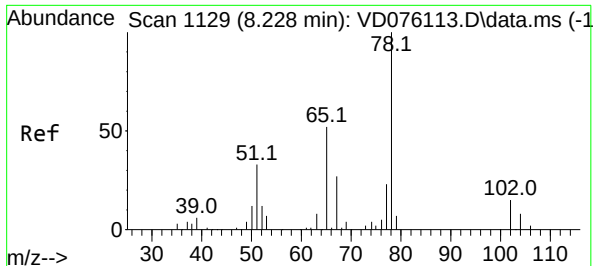
Tgt Ion: 94 Resp: 1149

Ion Ratio Lower Upper

94 100

96 114.2 77.5 116.3





#33

1,2-Dichloroethane-d4

Concen: 166.512 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VD076277.D

Acq: 30 May 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

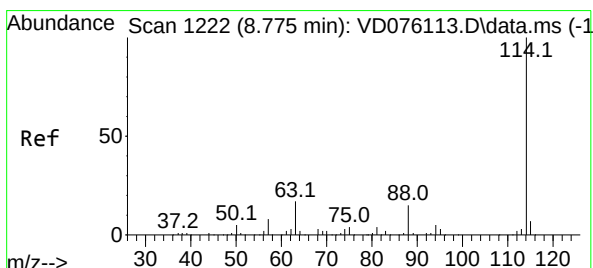
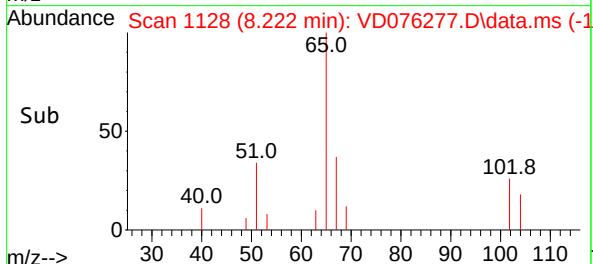
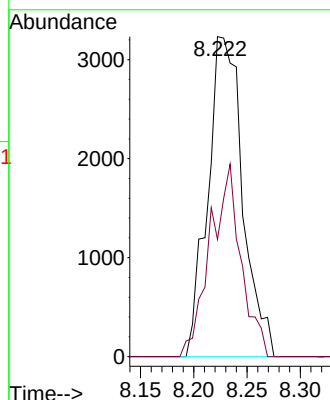
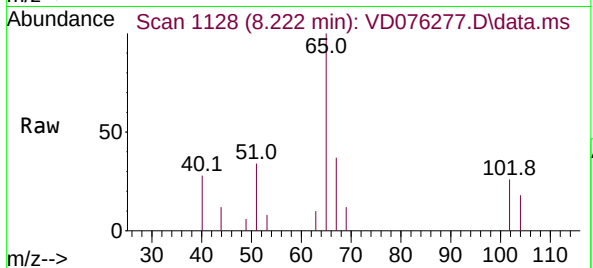
SB12

Tgt Ion: 65 Resp: 7377

Ion Ratio Lower Upper

65 100

67 52.9 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: VD076277.D

Acq: 30 May 2023 16:30

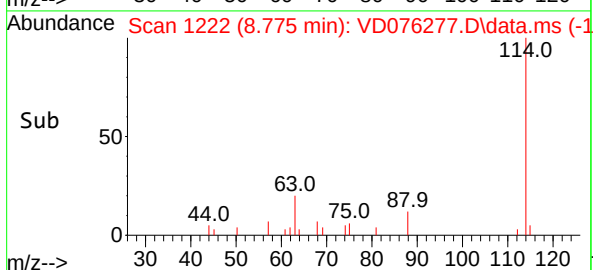
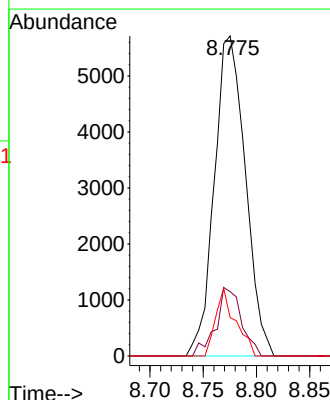
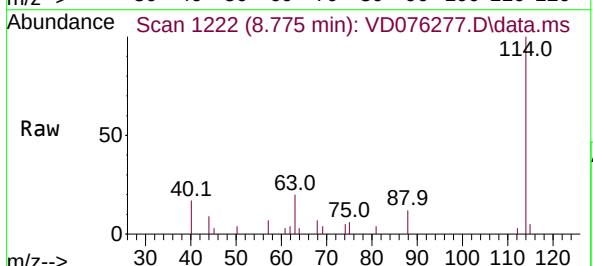
Tgt Ion: 114 Resp: 11569

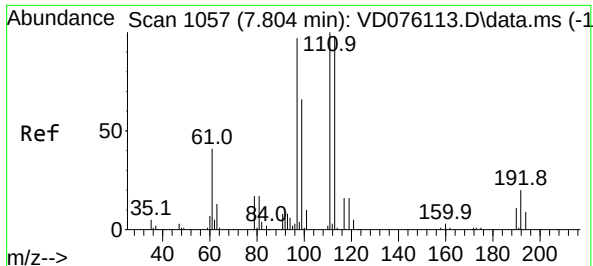
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 12.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 91.725 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD076277.D

Acq: 30 May 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

SB12

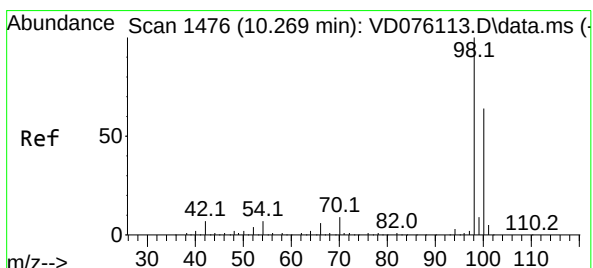
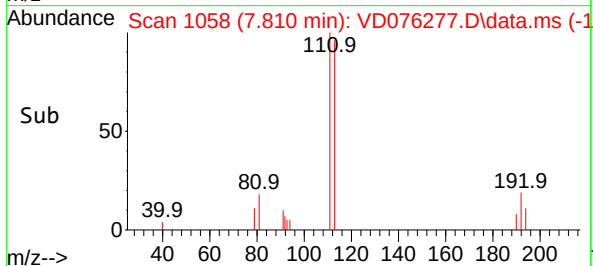
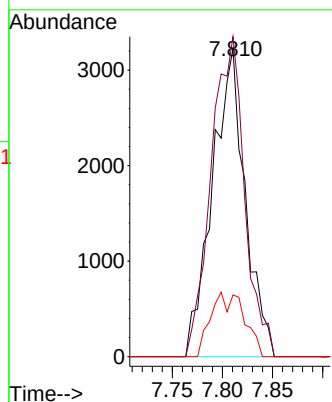
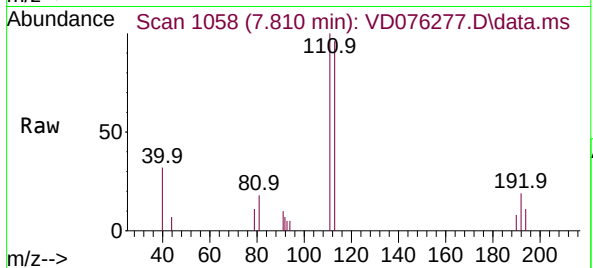
Tgt Ion:113 Resp: 7335

Ion Ratio Lower Upper

113 100

111 105.9 81.4 122.0

192 11.2 15.2 22.8#



#50

Toluene-d8

Concen: 53.235 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076277.D

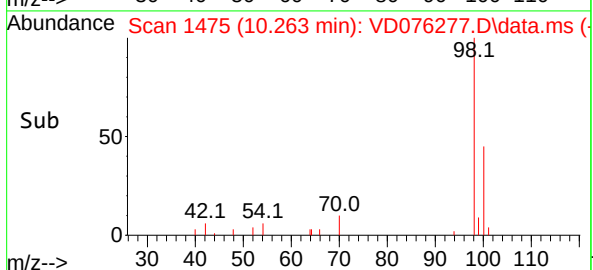
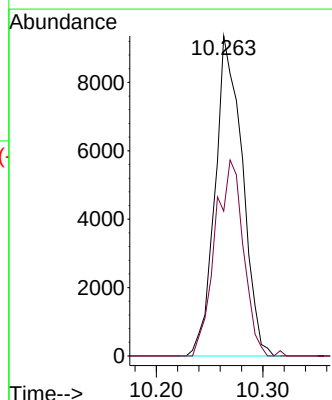
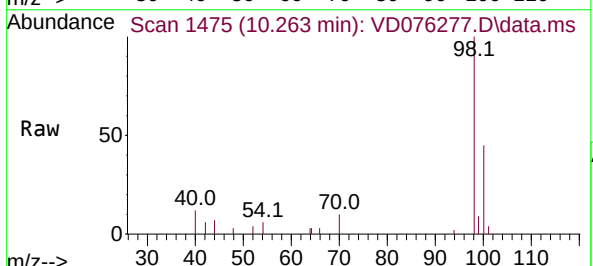
Acq: 30 May 2023 16:30

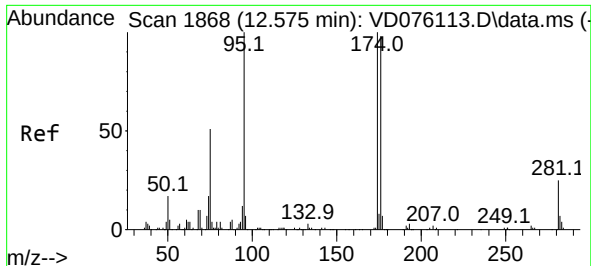
Tgt Ion: 98 Resp: 16595

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1

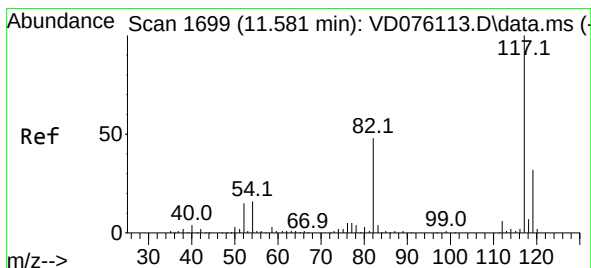
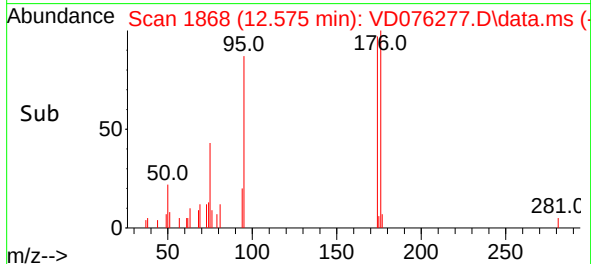
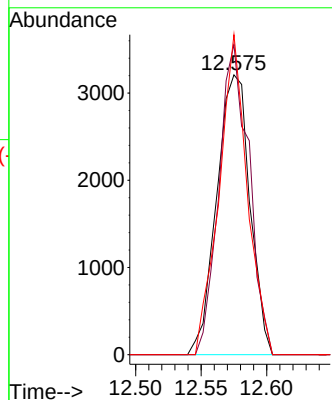
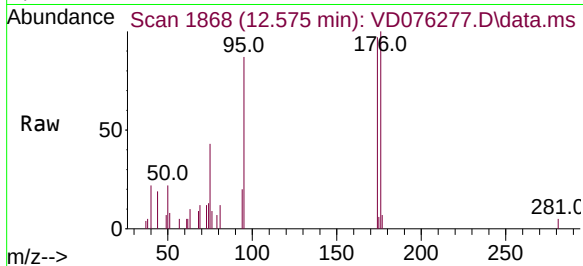




#62
4-Bromofluorobenzene
Concen: 65.235 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

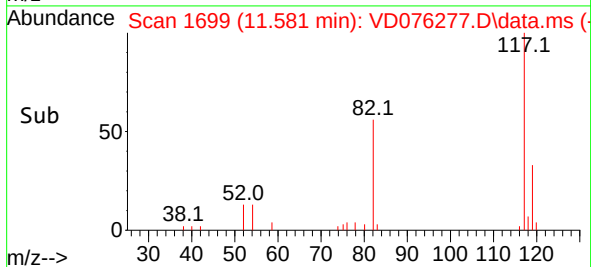
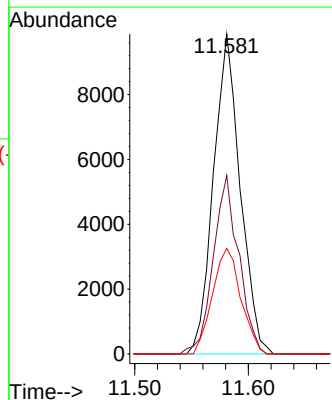
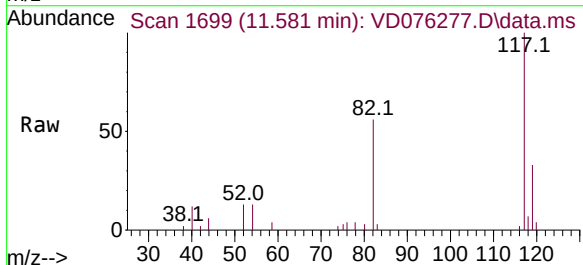
Instrument :
MSVOA_D
ClientSampleId :
SB12

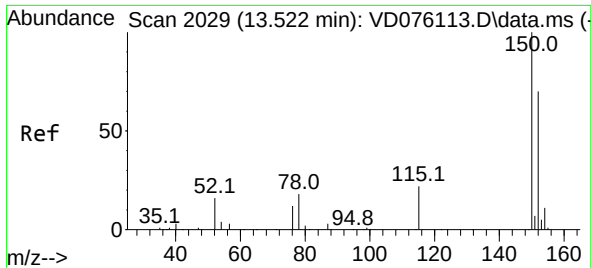
Tgt Ion:	95	Resp:	5649
Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	164.0
176	97.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076277.D
Acq: 30 May 2023 16:30

Tgt Ion:	117	Resp:	16106
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	33.0	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: VD076277.D

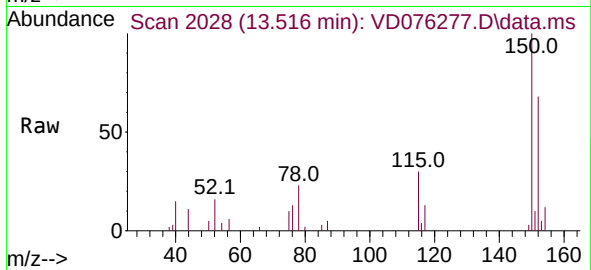
Acq: 30 May 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

SB12



Tgt Ion:152 Resp: 7296

Ion Ratio Lower Upper

152 100

115 49.5 30.1 90.3

150 146.9 0.0 364.8

