

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076203.D
 Acq On : 23 May 2023 19:59
 Operator : KP/SY
 Sample : 02867-11
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP15

Quant Time: May 24 06:43:13 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)

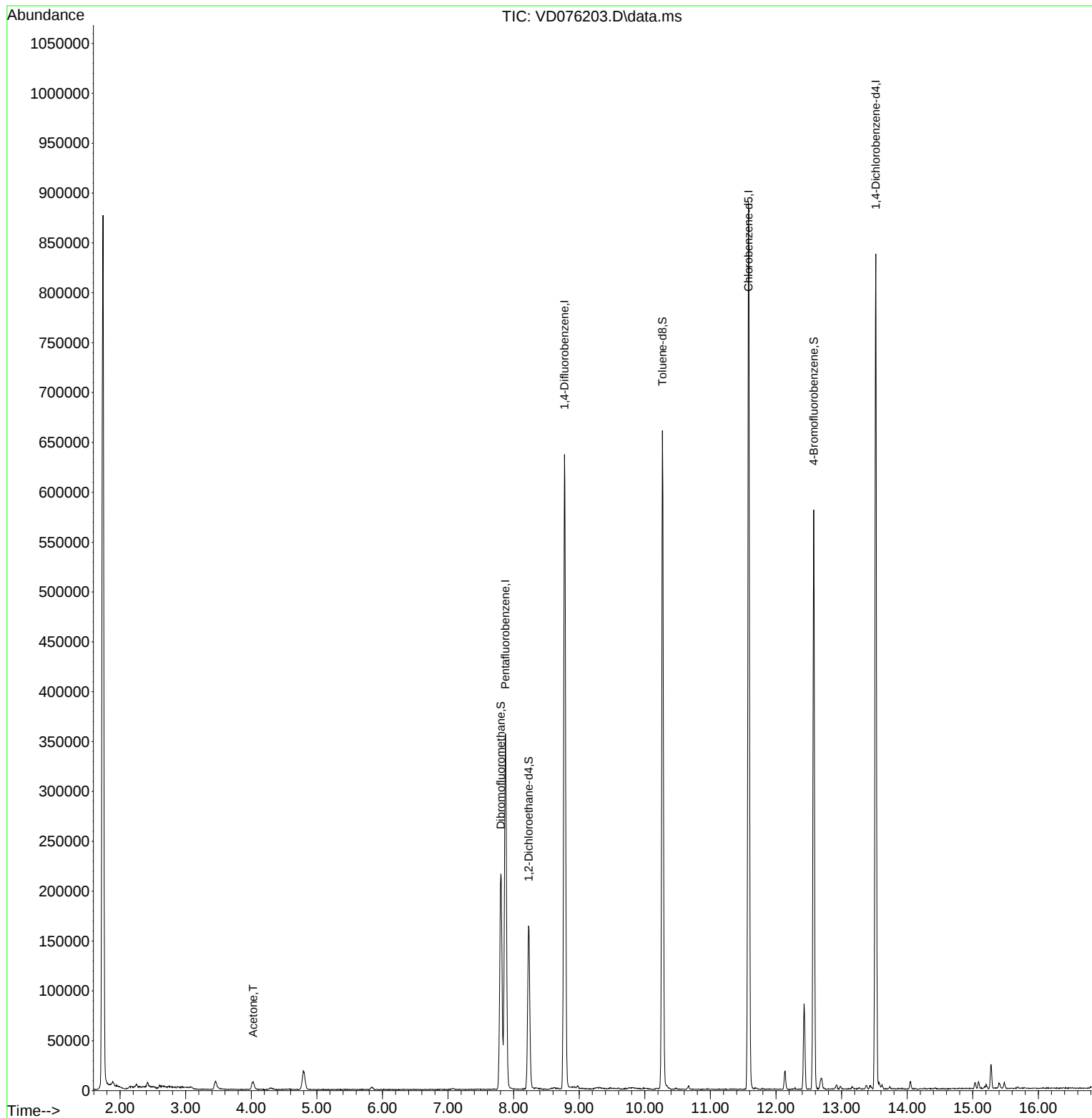
Internal Standards						
1) Pentafluorobenzene	7.875	168	284878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	601863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	546972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	230325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	125303	45.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.805	113	163764	39.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.720%
50) Toluene-d8	10.269	98	473739	29.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	58.420%
62) 4-Bromofluorobenzene	12.575	95	176664	39.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.440%
Target Compounds						
16) Acetone	4.028	43	13584	24.797	ug/l	Qvalue # 86

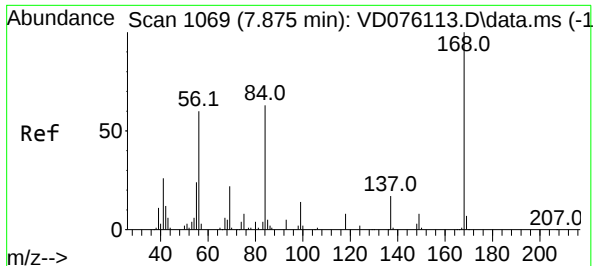
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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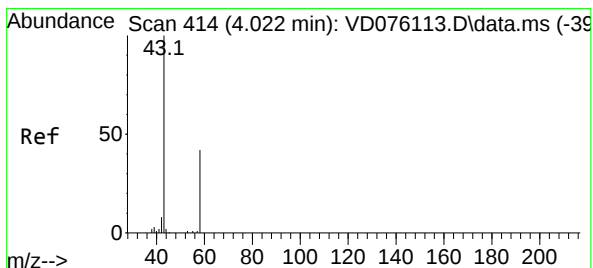
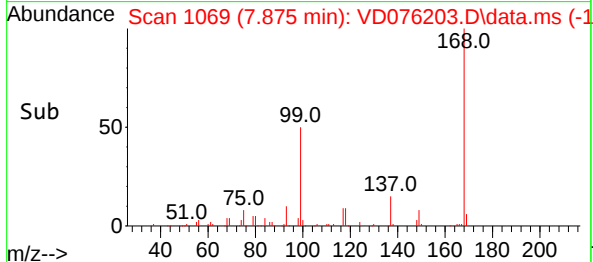
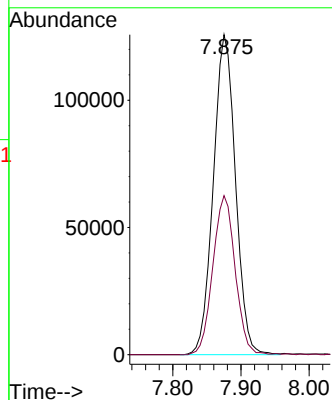
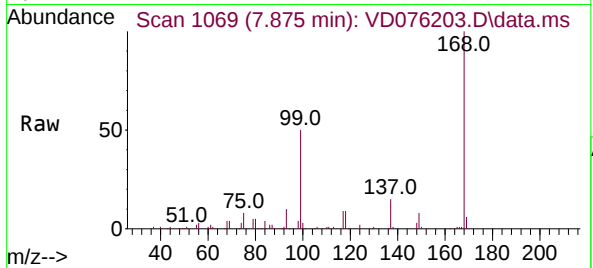




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

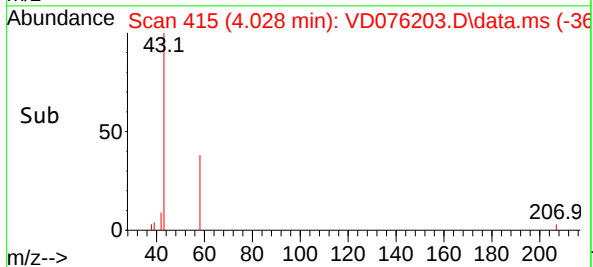
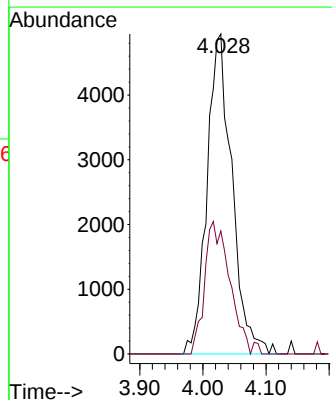
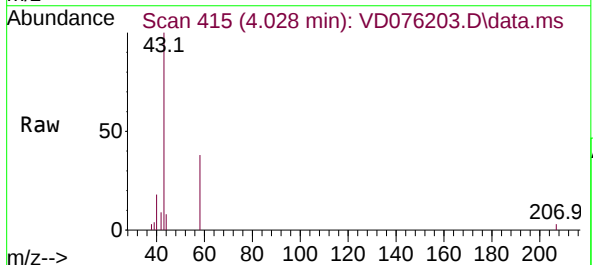
Instrument :
MSVOA_D
ClientSampleId :
TP15

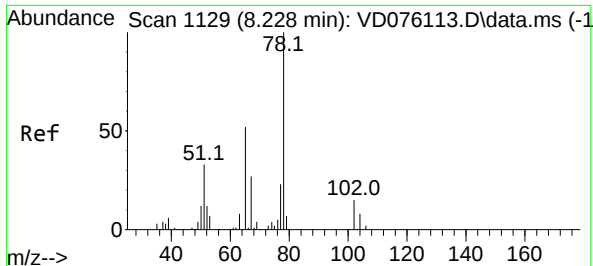
Tgt Ion:168 Resp: 284878
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#16
Acetone
Concen: 24.797 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
58 38.4 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 45.511 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076203.D

Acq: 23 May 2023 19:59

Instrument :

MSVOA_D

ClientSampleId :

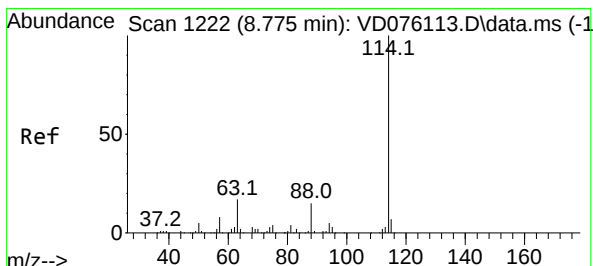
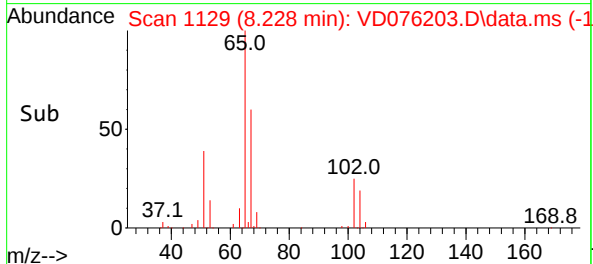
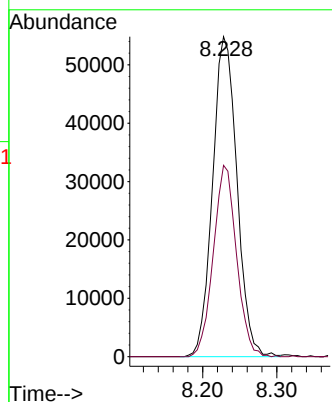
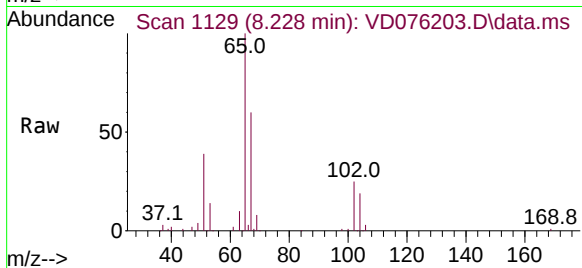
TP15

Tgt Ion: 65 Resp: 125303

Ion Ratio Lower Upper

65 100

67 56.9 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: VD076203.D

Acq: 23 May 2023 19:59

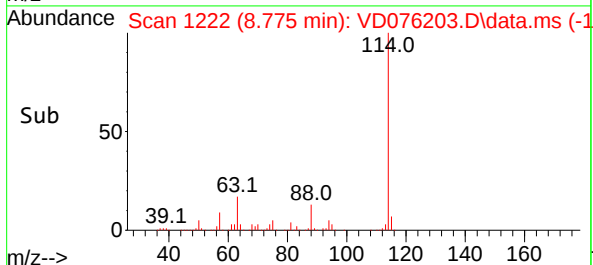
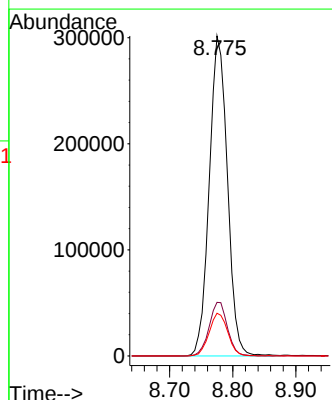
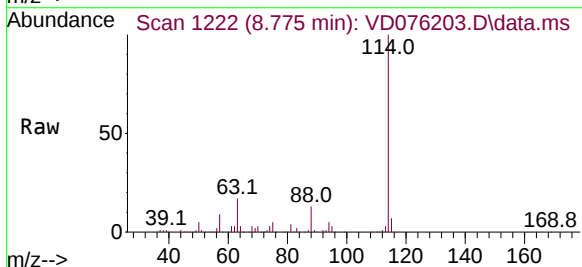
Tgt Ion: 114 Resp: 601863

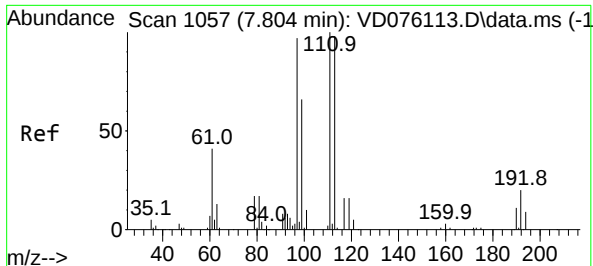
Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 13.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 39.365 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076203.D

Acq: 23 May 2023 19:59

Instrument :

MSVOA_D

ClientSampleId :

TP15

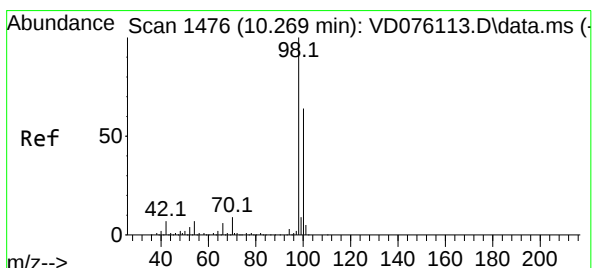
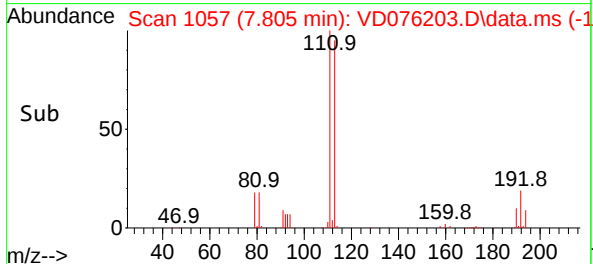
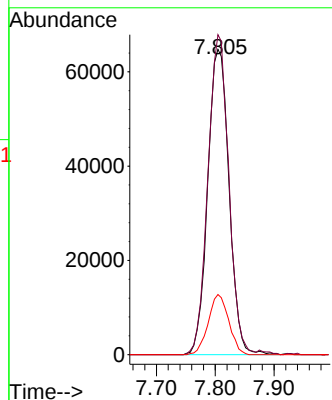
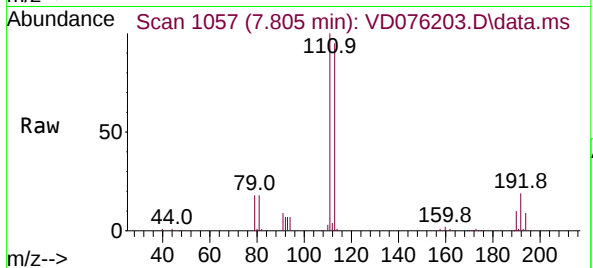
Tgt Ion:113 Resp: 163764

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.9 15.2 22.8



#50

Toluene-d8

Concen: 29.212 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076203.D

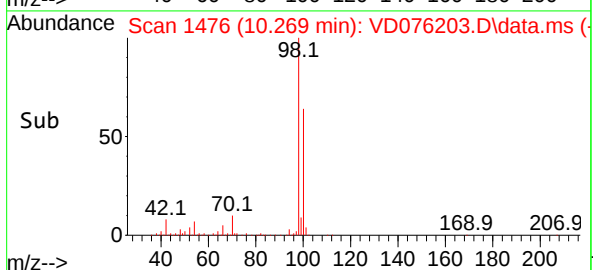
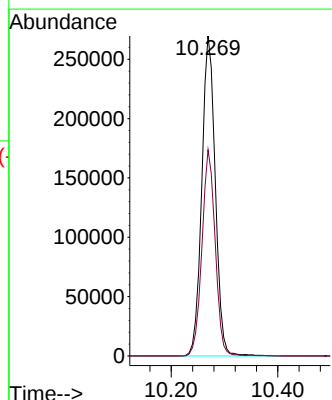
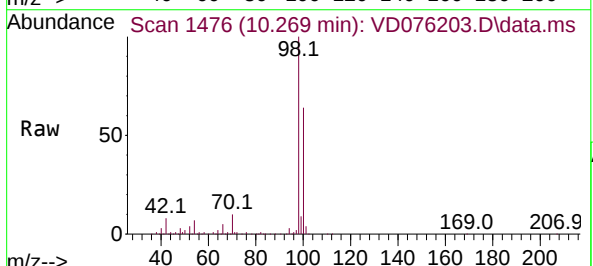
Acq: 23 May 2023 19:59

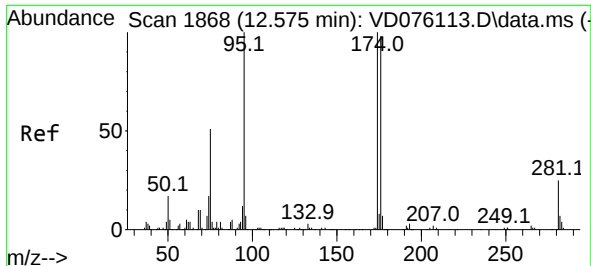
Tgt Ion: 98 Resp: 473739

Ion Ratio Lower Upper

98 100

100 63.1 52.1 78.1

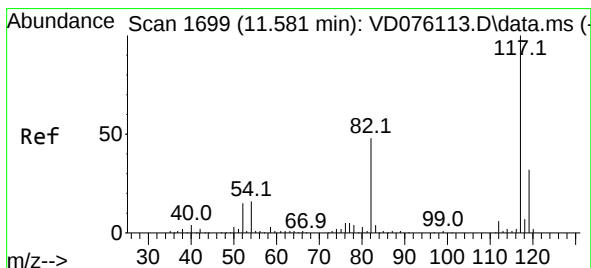
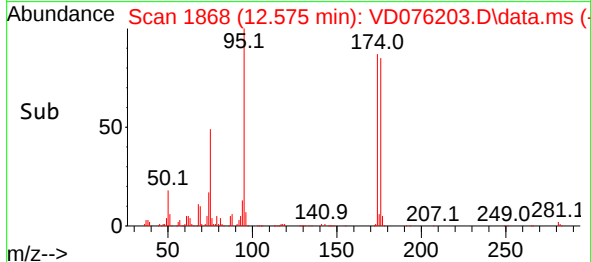
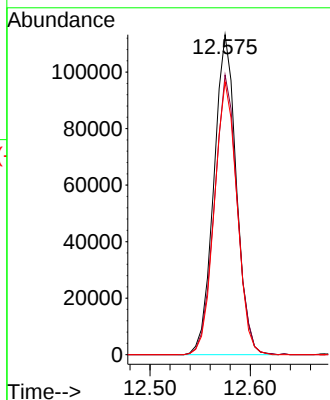
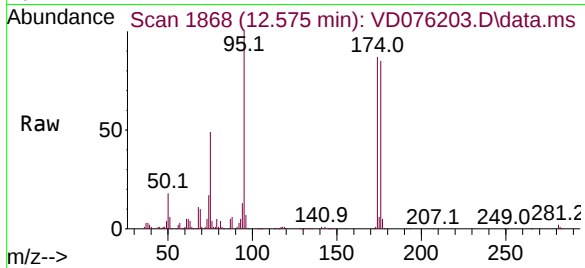




#62
4-Bromofluorobenzene
Concen: 39.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

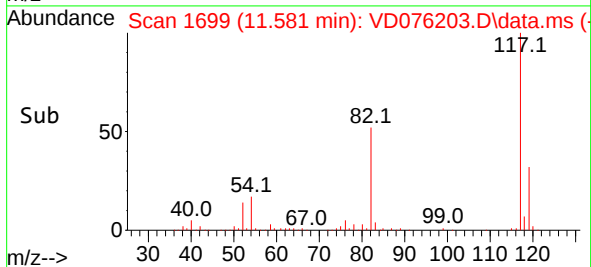
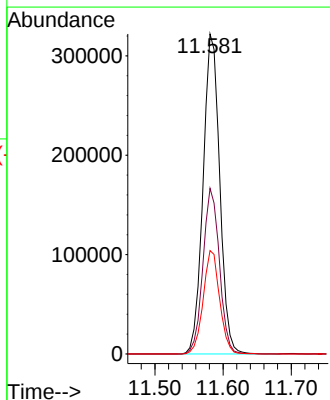
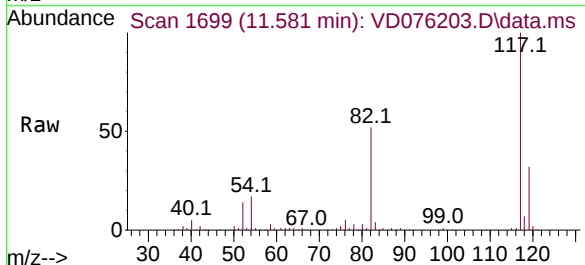
Instrument :
MSVOA_D
ClientSampleId :
TP15

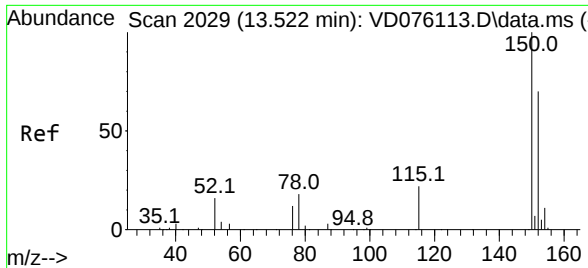
Tgt Ion: 95 Resp: 176664
Ion Ratio Lower Upper
95 100
174 88.2 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

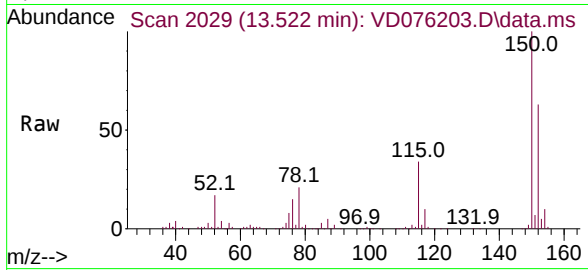
Tgt Ion: 117 Resp: 546972
Ion Ratio Lower Upper
117 100
82 51.7 44.0 66.0
119 32.3 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076203.D
 Acq: 23 May 2023 19:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP15



Tgt Ion:	152	Resp:	230325
Ion	Ratio	Lower	Upper
152	100		
115	54.3	30.1	90.3
150	157.3	0.0	364.8

