

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076236.D
 Acq On : 25 May 2023 16:39
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 26 02:00:27 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)

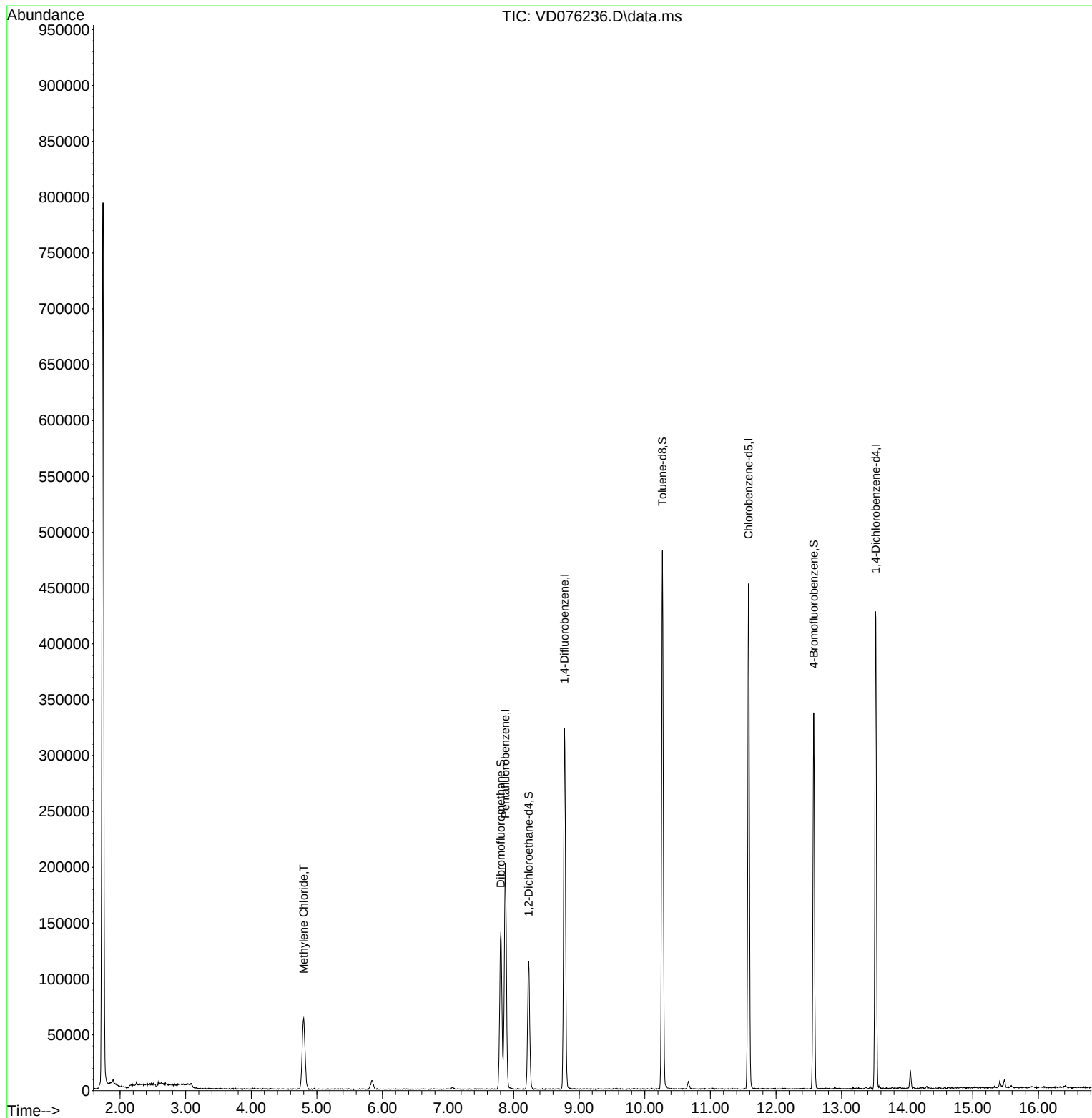
Internal Standards						
1) Pentafluorobenzene	7.875	168	164249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88257	55.598	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.200%	
35) Dibromofluoromethane	7.805	113	105218	48.809	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	97.620%	
50) Toluene-d8	10.269	98	357280	42.516	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	85.040%	
62) 4-Bromofluorobenzene	12.575	95	95360	40.851	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	81.700%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	55885	15.939	ug/l #	74

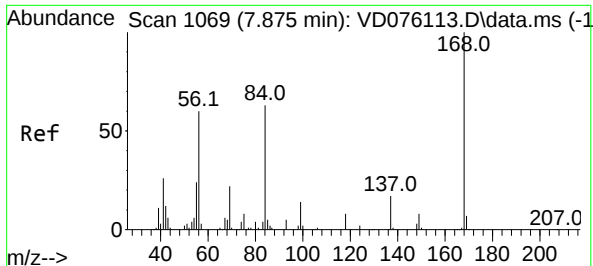
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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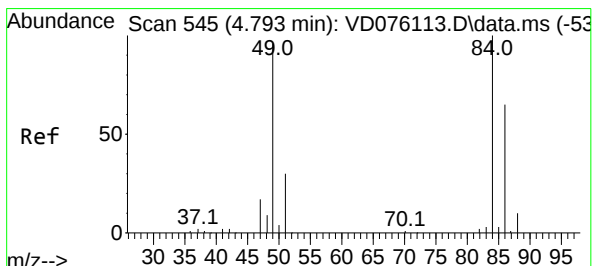
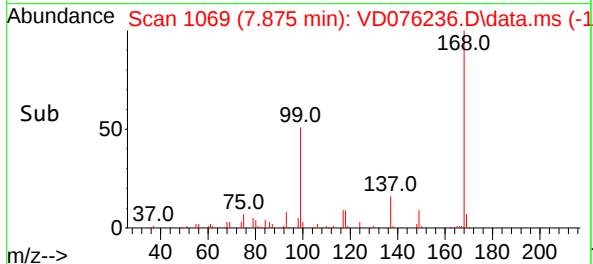
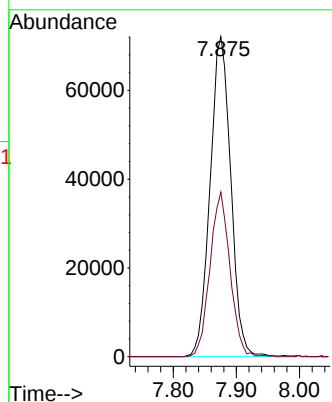
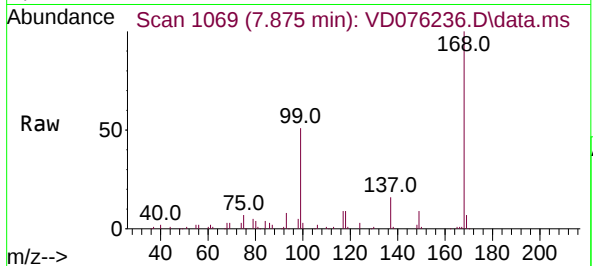




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

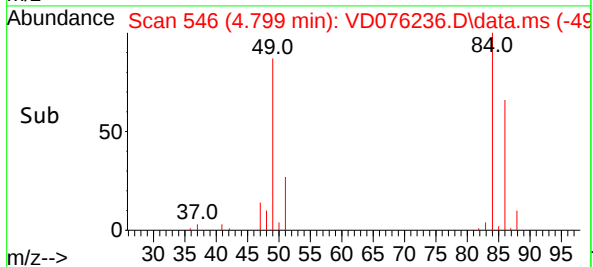
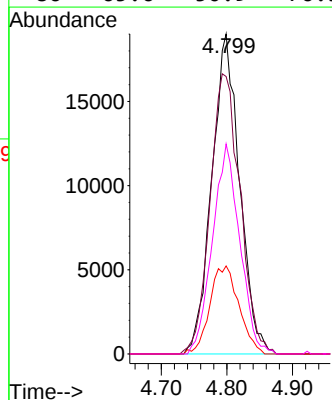
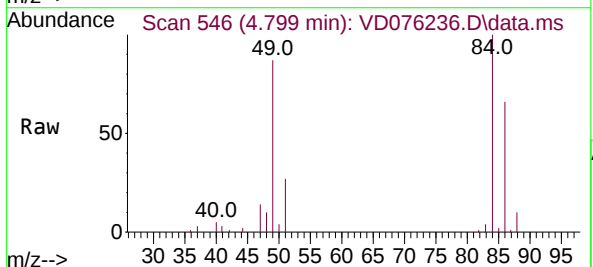
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

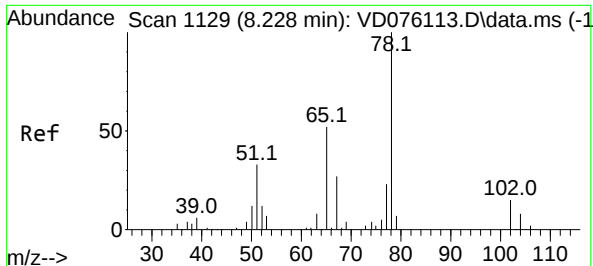
Tgt Ion:168 Resp: 164249
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#20
Methylene Chloride
Concen: 15.939 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

Tgt Ion: 84 Resp: 55885
Ion Ratio Lower Upper
84 100
49 86.7 106.4 159.6#
51 27.5 32.4 48.6#
86 65.6 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 55.598 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076236.D

Acq: 25 May 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

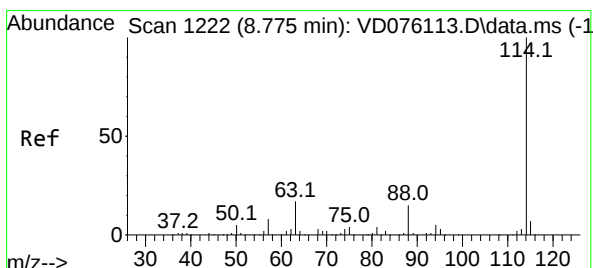
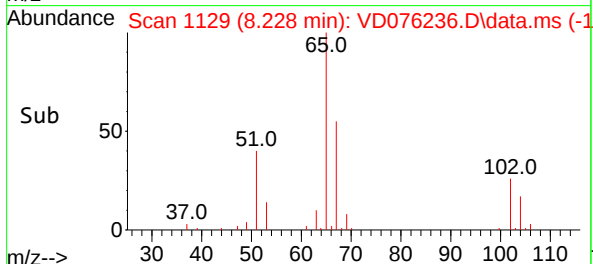
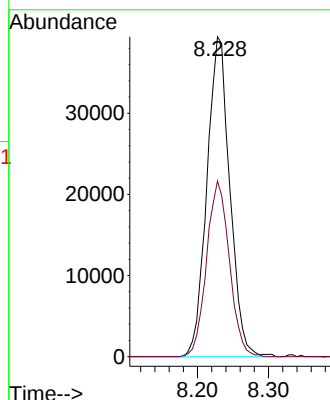
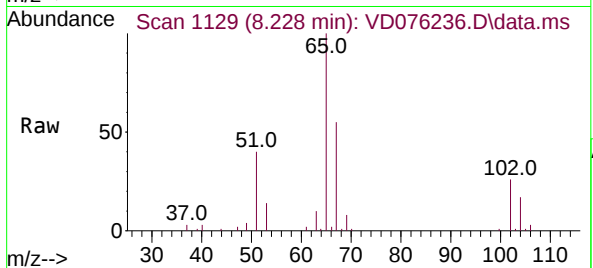
VIBLK

Tgt Ion: 65 Resp: 88257

Ion Ratio Lower Upper

65 100

67 54.7 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: VD076236.D

Acq: 25 May 2023 16:39

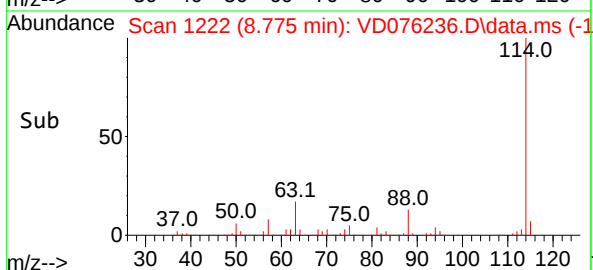
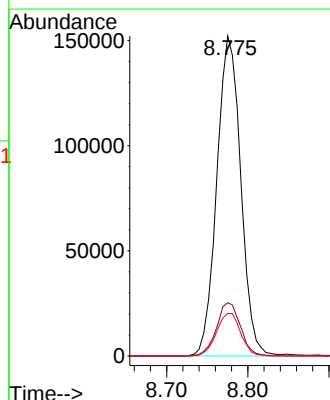
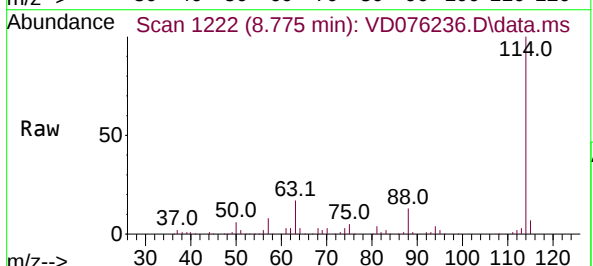
Tgt Ion: 114 Resp: 311868

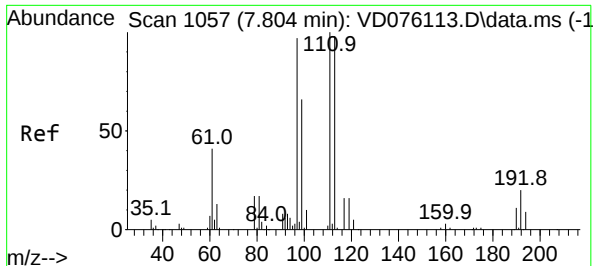
Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 13.3 0.0 30.6



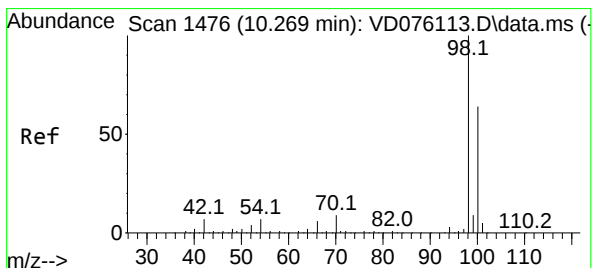
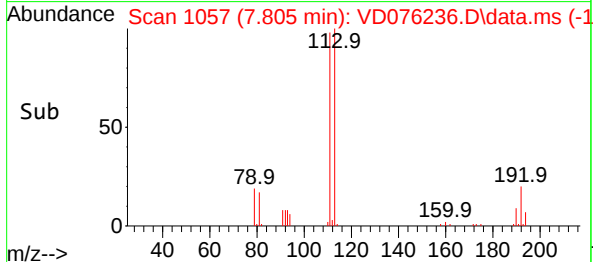
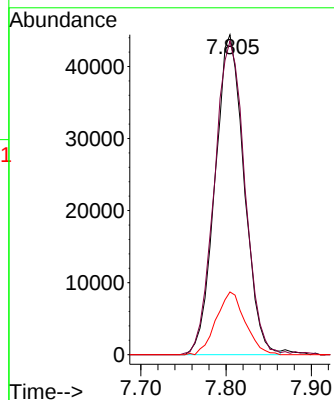
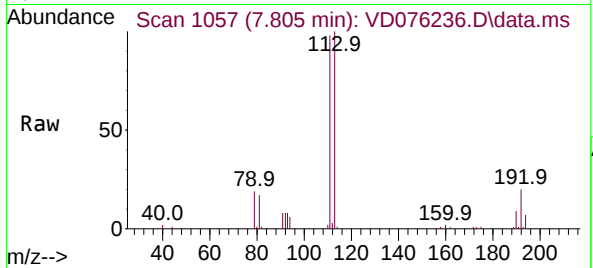


#35
 Dibromofluoromethane
 Concen: 48.809 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076236.D
 Acq: 25 May 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 105218

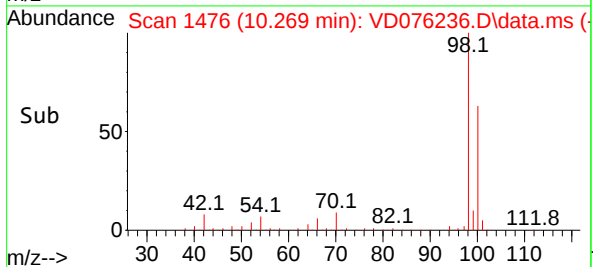
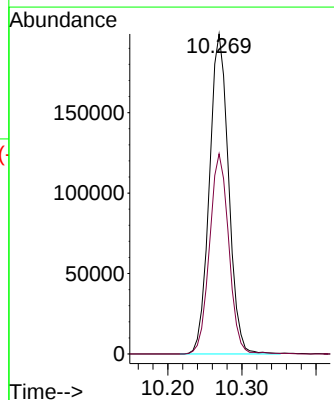
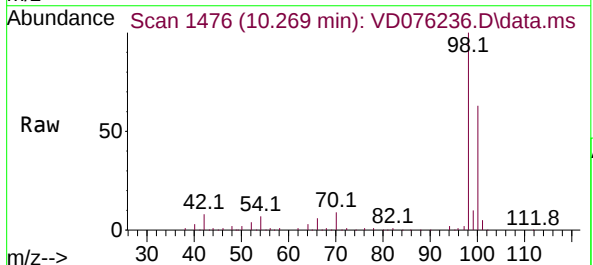
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	19.5	15.2	22.8

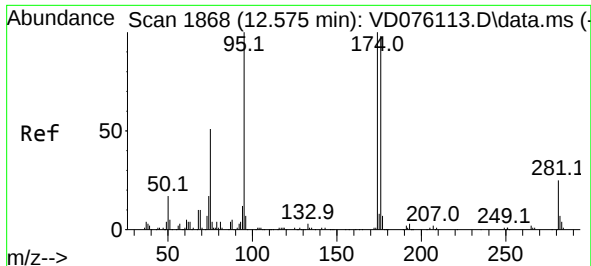


#50
 Toluene-d8
 Concen: 42.516 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076236.D
 Acq: 25 May 2023 16:39

Tgt Ion: 98 Resp: 357280

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.1	78.1

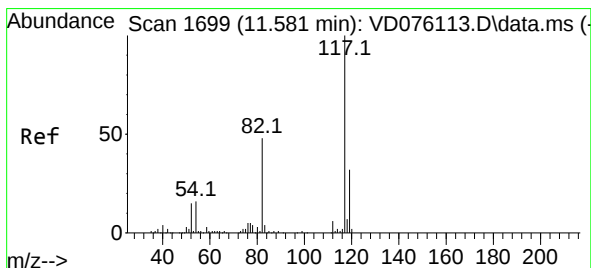
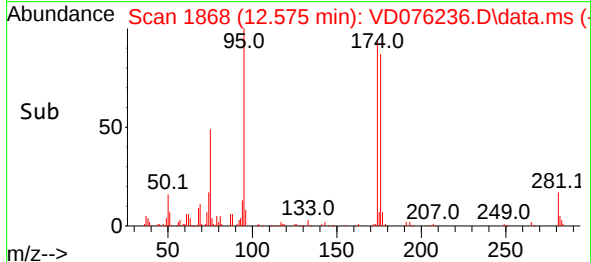
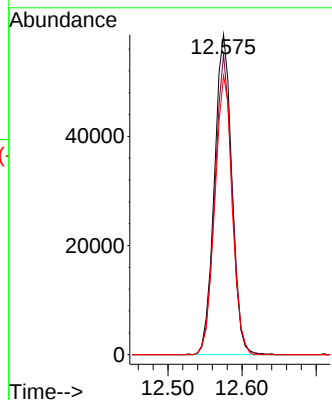
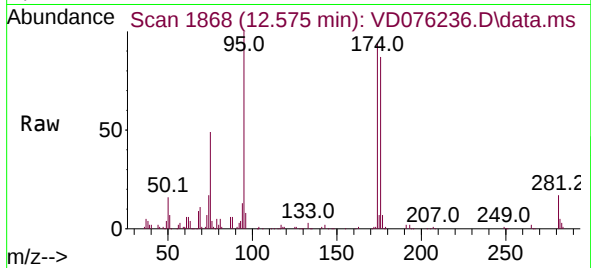




#62
4-Bromofluorobenzene
Concen: 40.851 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

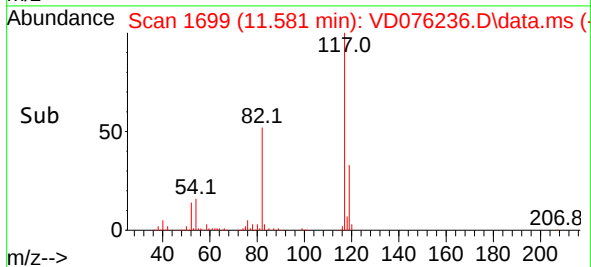
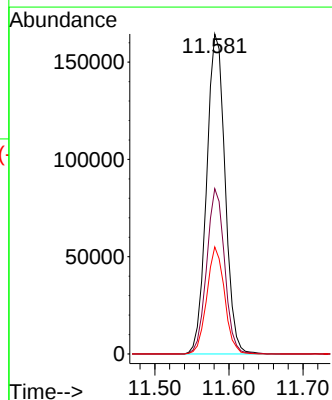
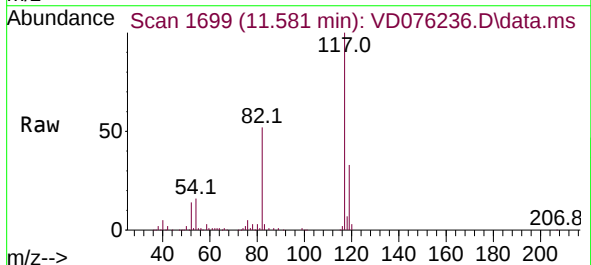
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

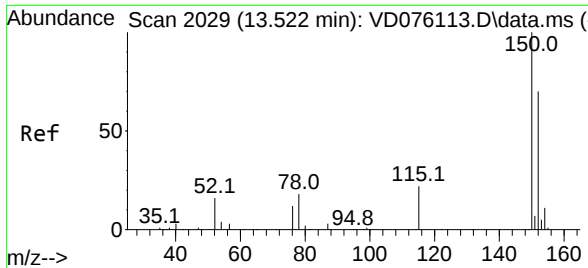
Tgt Ion: 95 Resp: 95360
Ion Ratio Lower Upper
95 100
174 93.2 0.0 164.0
176 87.5 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076236.D
Acq: 25 May 2023 16:39

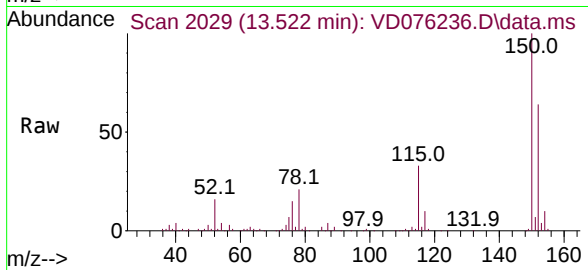
Tgt Ion: 117 Resp: 283908
Ion Ratio Lower Upper
117 100
82 51.7 44.0 66.0
119 33.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076236.D
 Acq: 25 May 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 125225
 Ion Ratio Lower Upper
 152 100
 115 52.7 30.1 90.3
 150 155.4 0.0 364.8

