

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076244.D
 Acq On : 25 May 2023 20:38
 Operator : KP/SY
 Sample : 02940-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251671

Quant Time: May 26 02:01:24 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)

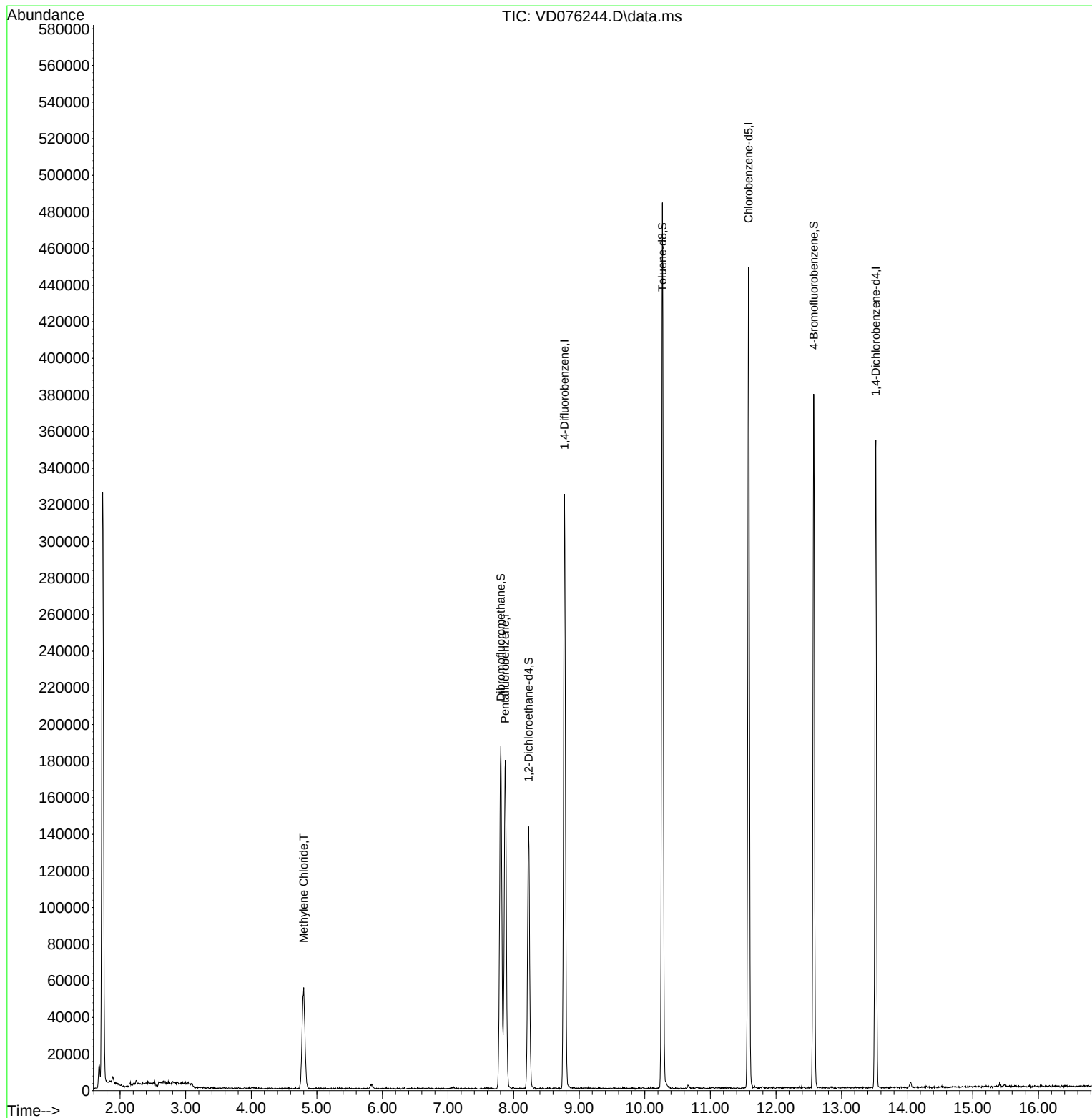
Internal Standards						
1) Pentafluorobenzene	7.869	168	147906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106853	74.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.500%	
35) Dibromofluoromethane	7.805	113	135250	63.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.600%	
50) Toluene-d8	10.269	98	355226	42.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.300%	
62) 4-Bromofluorobenzene	12.575	95	117770	50.902	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	46815	14.086	ug/l #	81

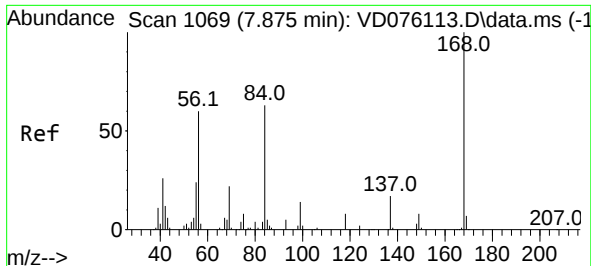
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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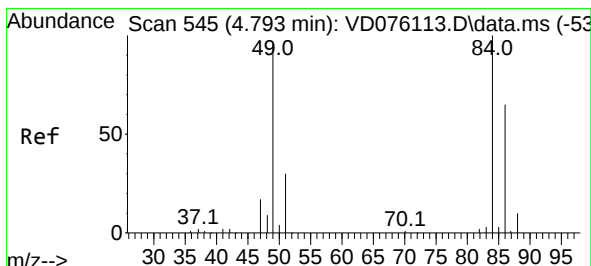
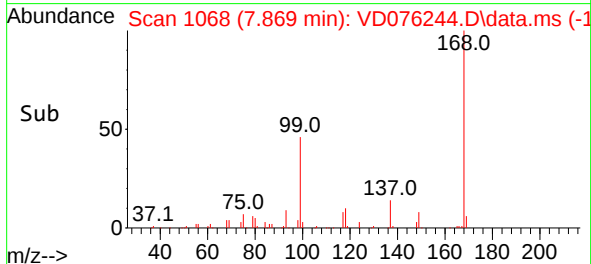
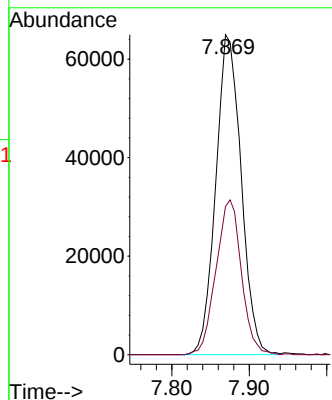
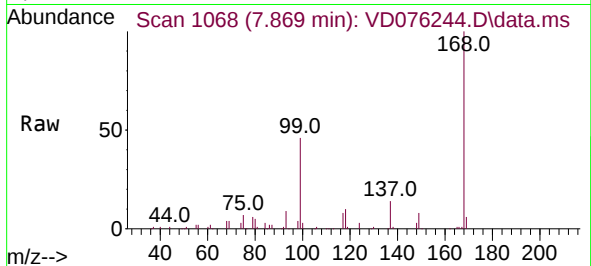




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076244.D
Acq: 25 May 2023 20:38

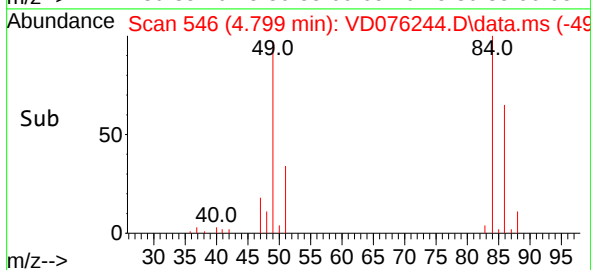
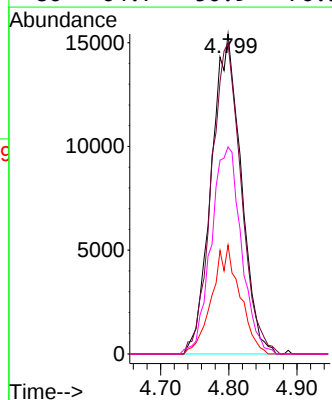
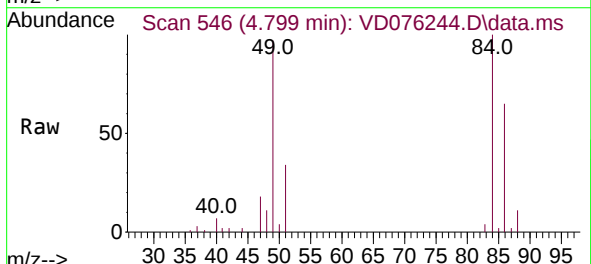
Instrument :
MSVOA_D
ClientSampleId :
RBR-251671

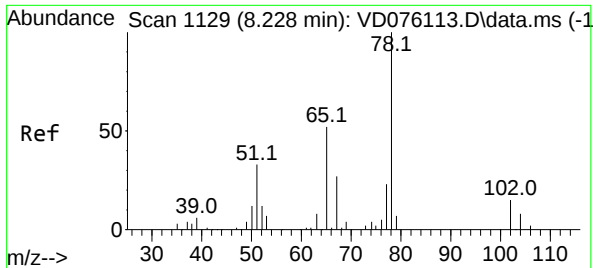
Tgt Ion:168 Resp: 147906
Ion Ratio Lower Upper
168 100
99 46.3 43.8 65.6



#20
Methylene Chloride
Concen: 14.086 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076244.D
Acq: 25 May 2023 20:38

Tgt Ion: 84 Resp: 46815
Ion Ratio Lower Upper
84 100
49 97.2 106.4 159.6#
51 34.0 32.4 48.6
86 64.7 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 74.750 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076244.D

Acq: 25 May 2023 20:38

Instrument :

MSVOA_D

ClientSampleId :

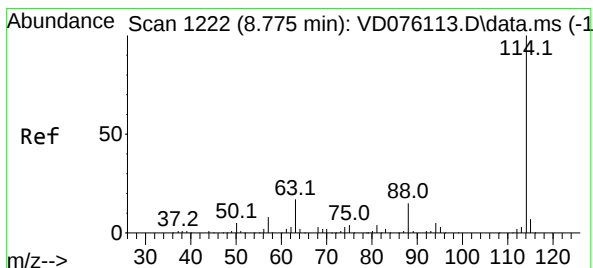
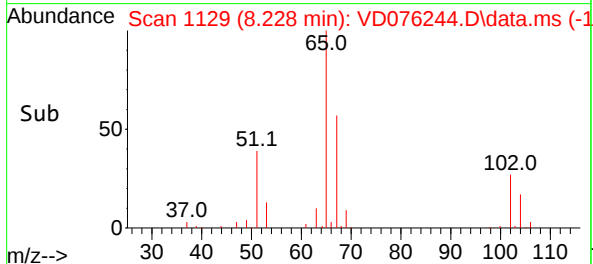
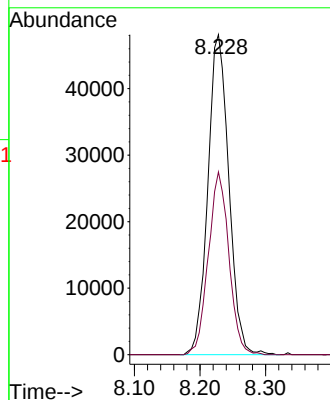
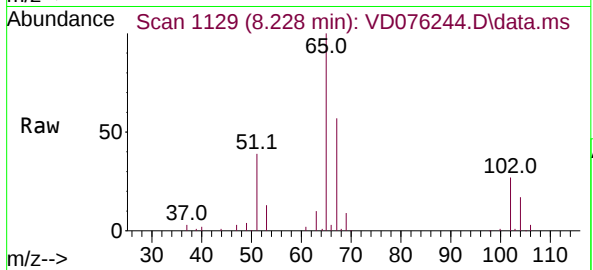
RBR-251671

Tgt Ion: 65 Resp: 106853

Ion Ratio Lower Upper

65 100

67 56.0 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: VD076244.D

Acq: 25 May 2023 20:38

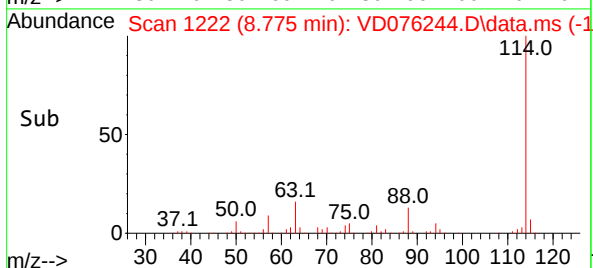
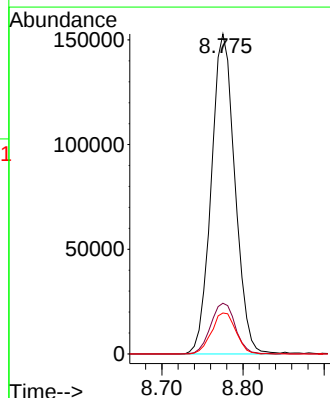
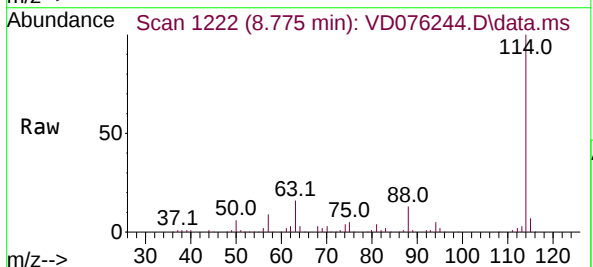
Tgt Ion: 114 Resp: 309105

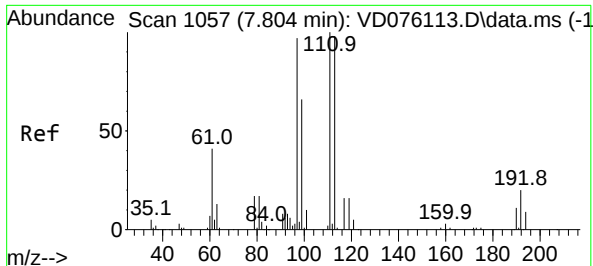
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 12.8 0.0 30.6



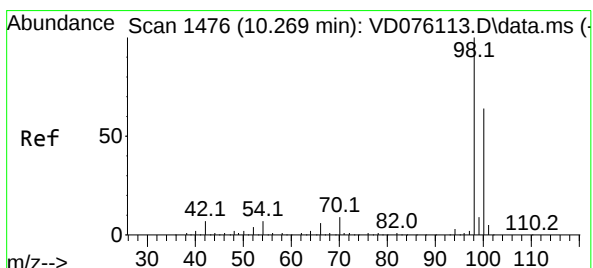
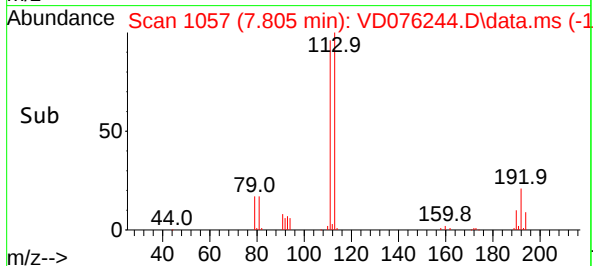
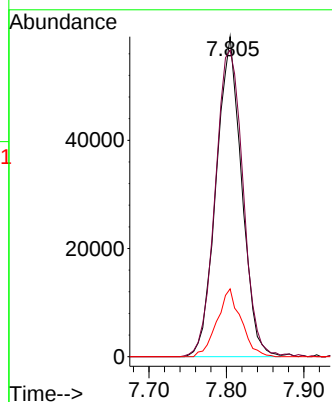
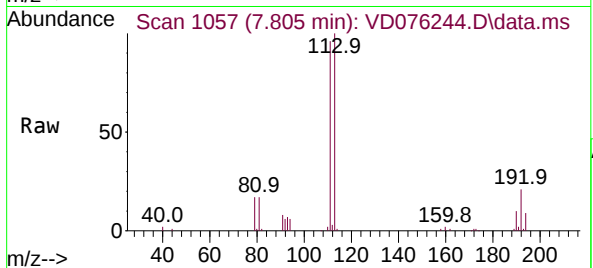


#35
 Dibromofluoromethane
 Concen: 63.302 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076244.D
 Acq: 25 May 2023 20:38

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251671

Tgt Ion:113 Resp: 135250

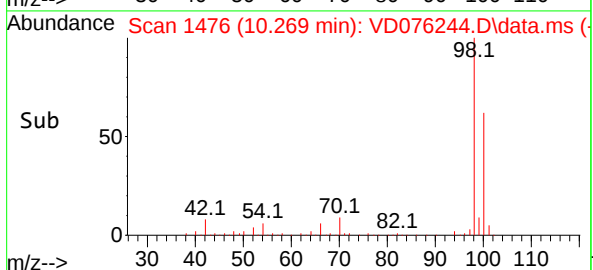
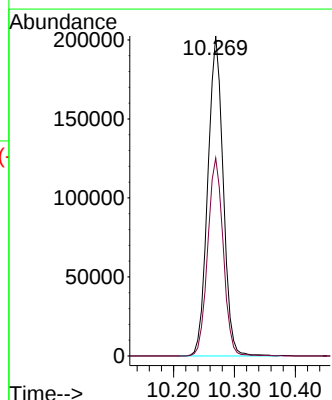
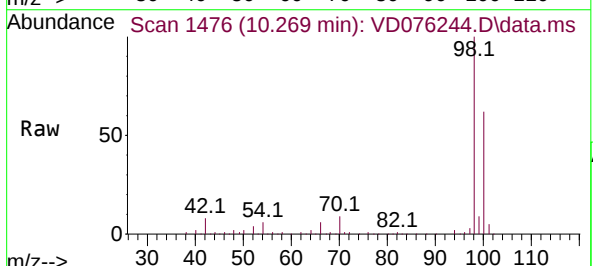
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.4	122.0
192	20.0	15.2	22.8

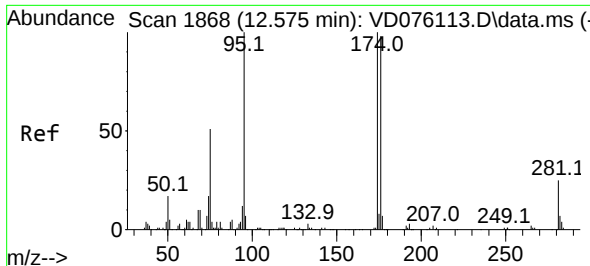


#50
 Toluene-d8
 Concen: 42.649 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076244.D
 Acq: 25 May 2023 20:38

Tgt Ion: 98 Resp: 355226

Ion	Ratio	Lower	Upper
98	100		
100	62.2	52.1	78.1

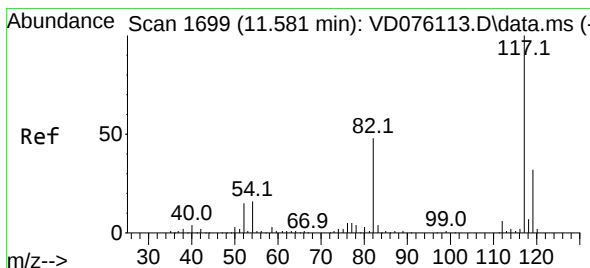
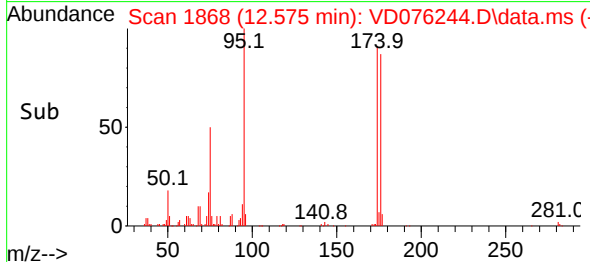
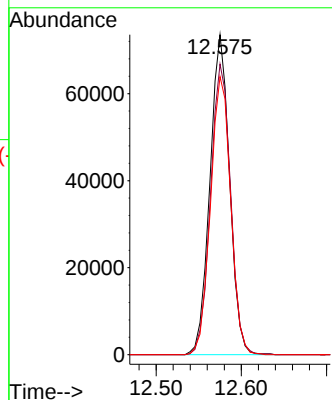
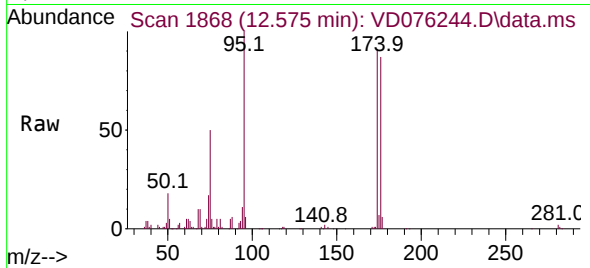




#62
4-Bromofluorobenzene
Concen: 50.902 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076244.D
Acq: 25 May 2023 20:38

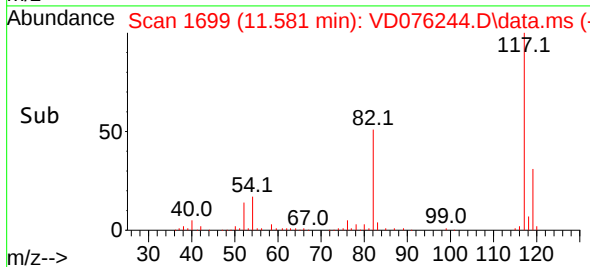
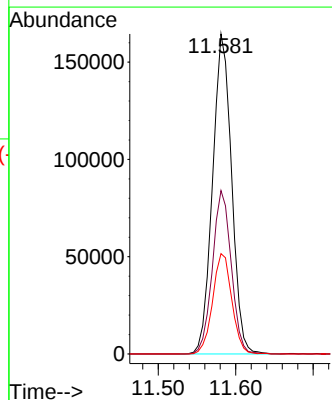
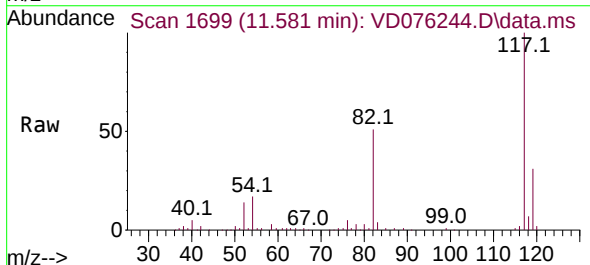
Instrument :
MSVOA_D
ClientSampleId :
RBR-251671

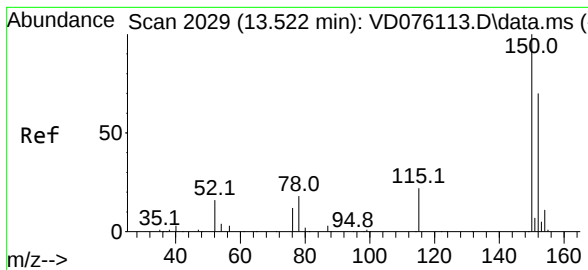
Tgt Ion: 95 Resp: 117770
Ion Ratio Lower Upper
95 100
174 92.6 0.0 164.0
176 89.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076244.D
Acq: 25 May 2023 20:38

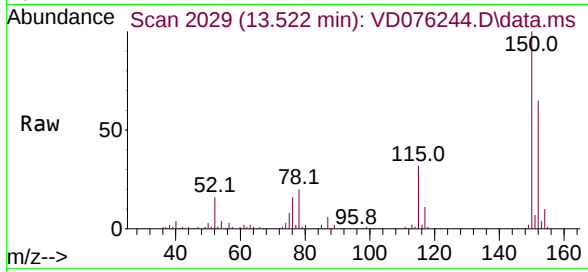
Tgt Ion: 117 Resp: 280559
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 31.3 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076244.D
 Acq: 25 May 2023 20:38

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251671



Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.4	30.1	90.3
150	153.3	0.0	364.8

