

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078989.D
 Acq On : 22 May 2024 19:44
 Operator : RP/MD
 Sample : P2531-03
 Misc : 5.18G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-B-VOC

Quant Time: May 23 06:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

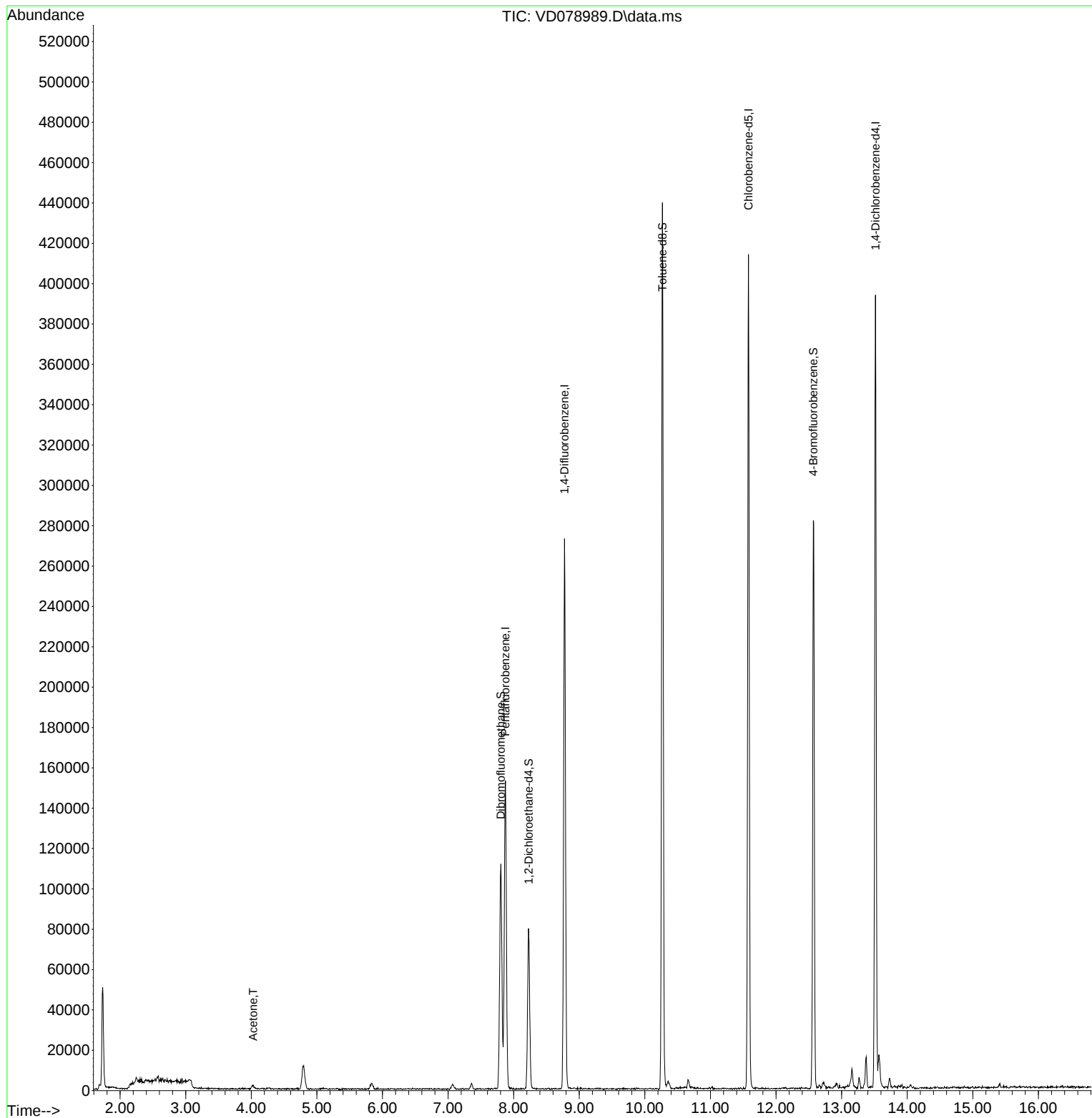
Internal Standards						
1) Pentafluorobenzene	7.875	168	121695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61556	53.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.860%
35) Dibromofluoromethane	7.804	113	81574	49.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.269	98	309789	49.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.569	95	87294	49.982	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%
Target Compounds						
16) Acetone	4.028	43	2902	15.944	ug/l	Qvalue # 85

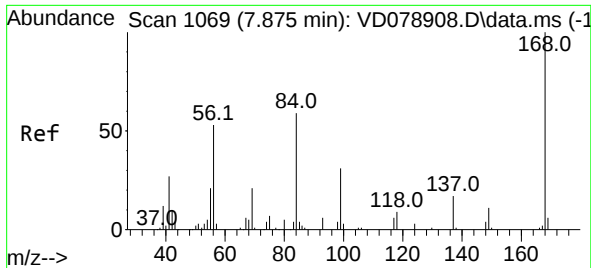
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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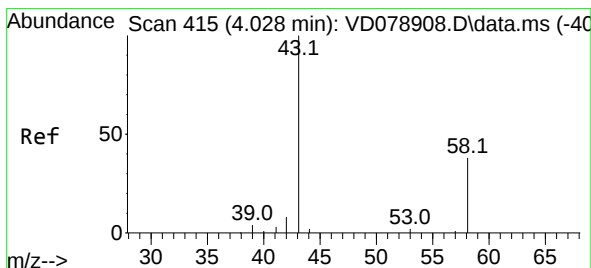
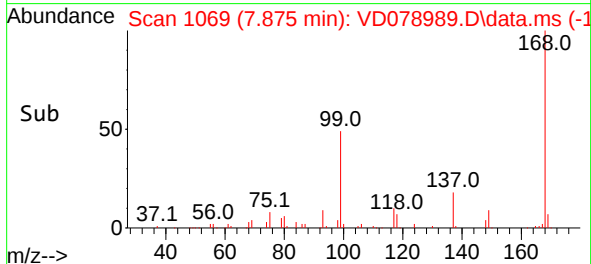
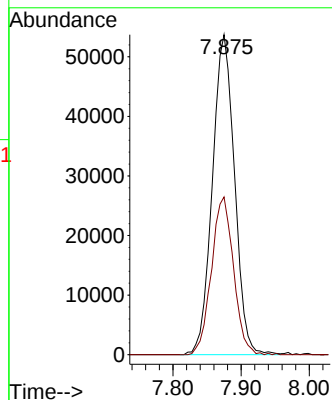
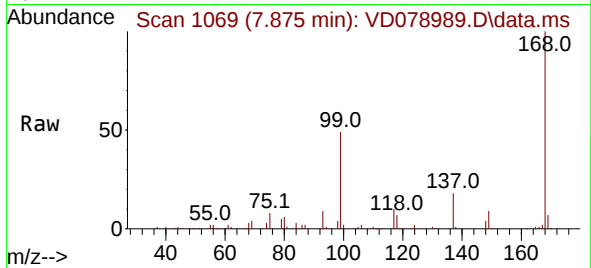




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

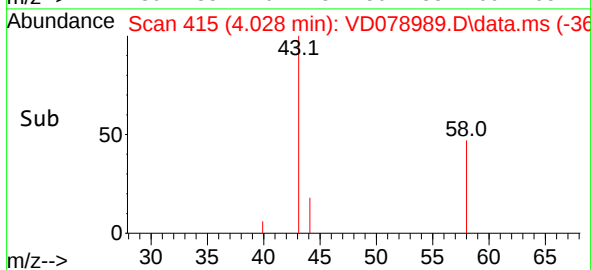
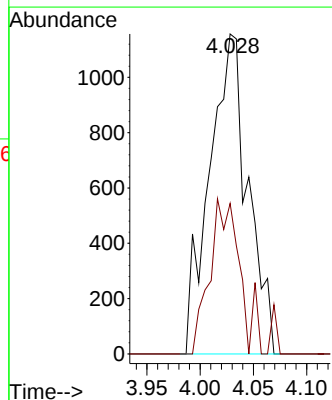
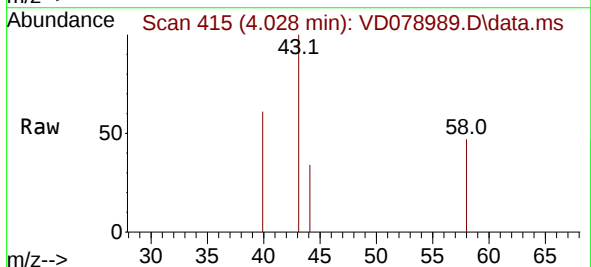
Instrument :
MSVOA_D
ClientSampleId :
MH-B-VOC

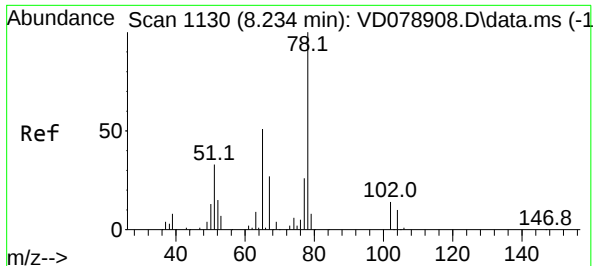
Tgt Ion:168 Resp: 121695
Ion Ratio Lower Upper
168 100
99 49.3 41.1 61.7



#16
Acetone
Concen: 15.944 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
58 47.0 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 53.926 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078989.D

Acq: 22 May 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

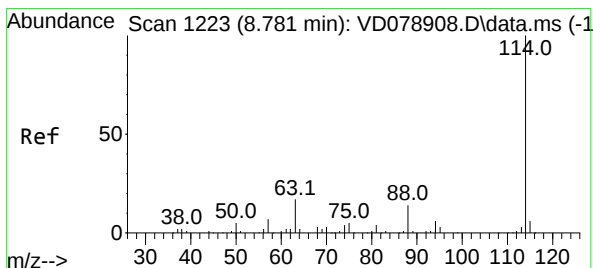
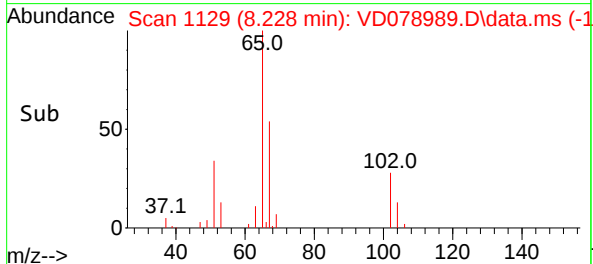
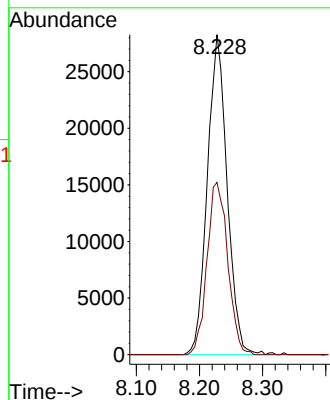
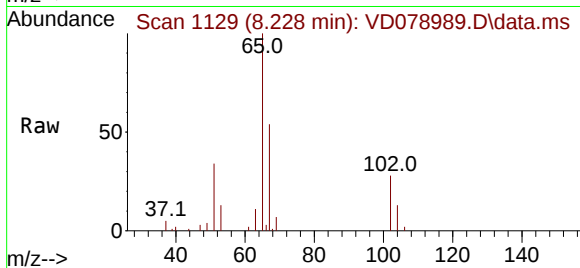
MH-B-VOC

Tgt Ion: 65 Resp: 61556

Ion Ratio Lower Upper

65 100

67 56.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078989.D

Acq: 22 May 2024 19:44

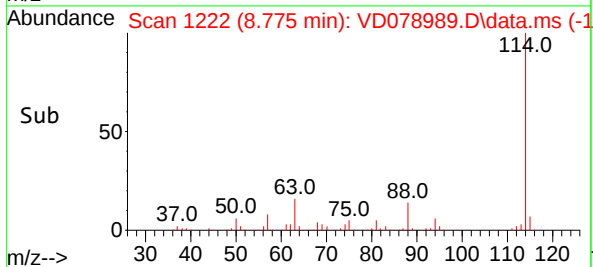
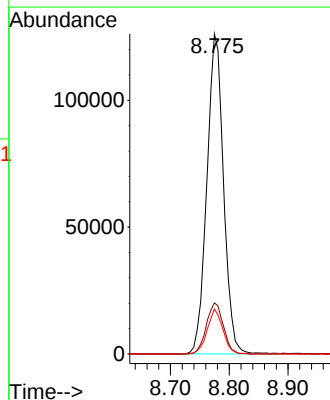
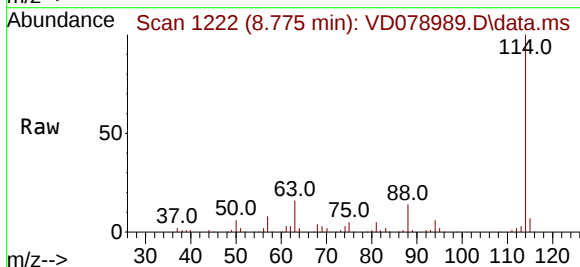
Tgt Ion: 114 Resp: 249130

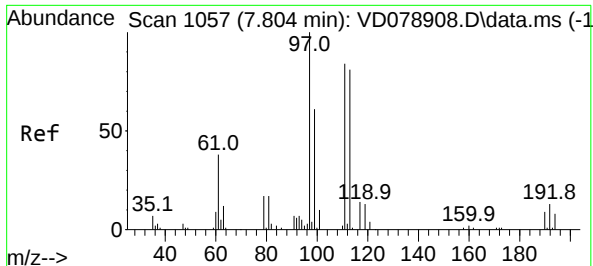
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.0

88 14.0 0.0 27.2

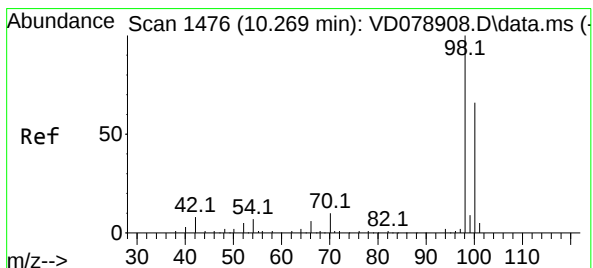
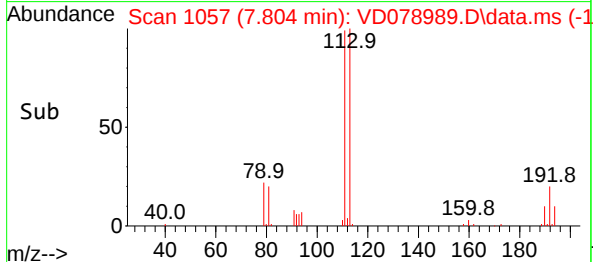
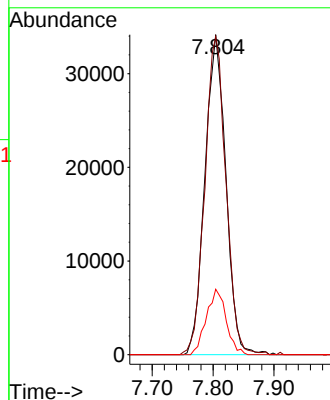
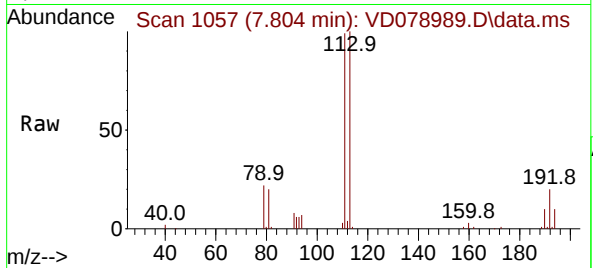




#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

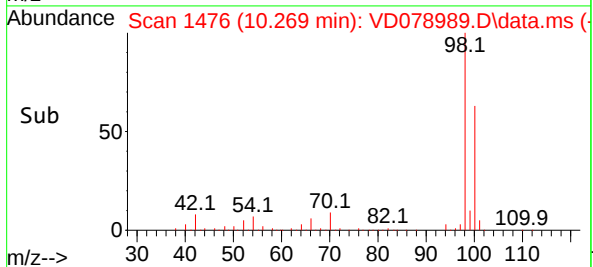
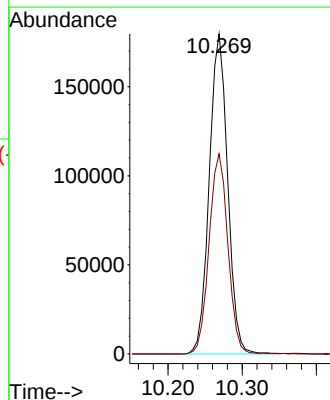
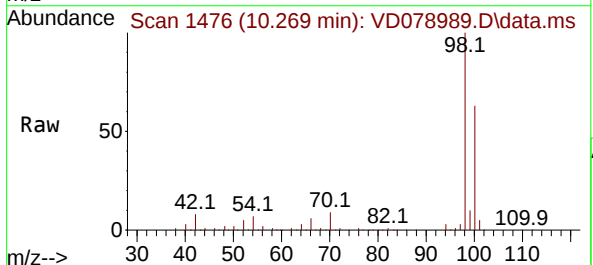
Instrument :
MSVOA_D
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MH-B-VOC

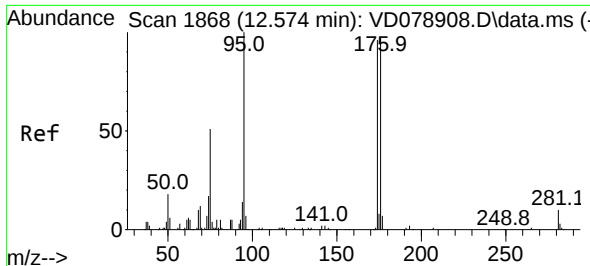
Tgt Ion:113 Resp: 81574
Ion Ratio Lower Upper
113 100
111 100.0 84.0 126.0
192 19.4 15.4 23.0



#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

Tgt Ion: 98 Resp: 309789
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

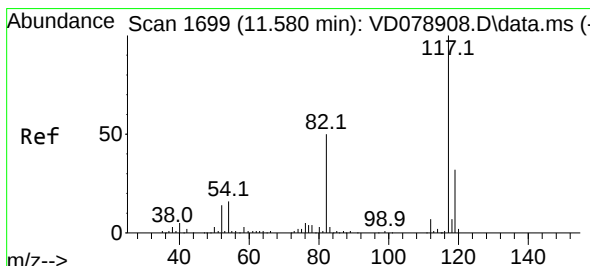
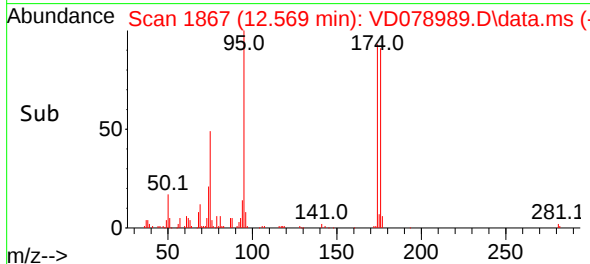
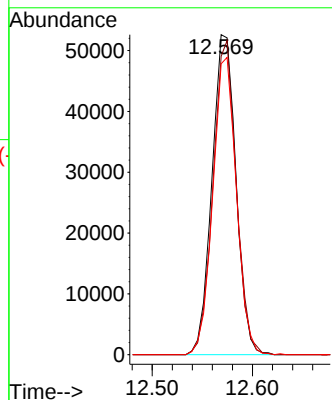
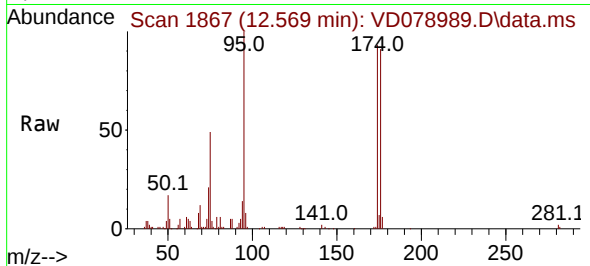




#62
4-Bromofluorobenzene
Concen: 49.982 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

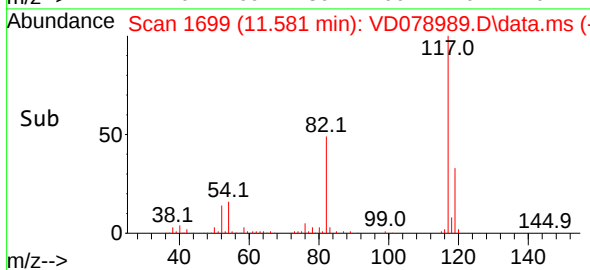
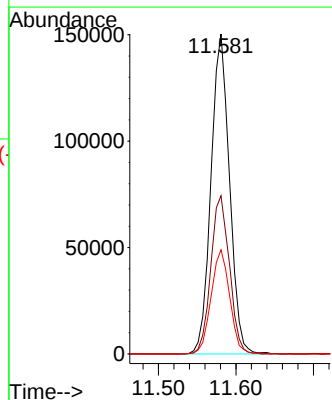
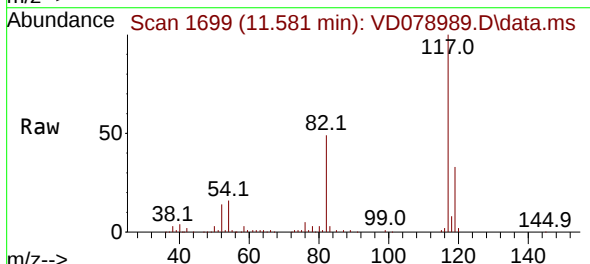
Instrument :
MSVOA_D
ClientSampleId :
MH-B-VOC

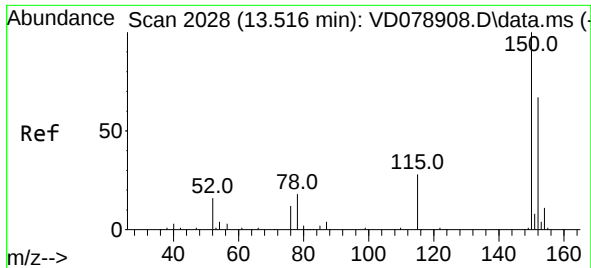
Tgt Ion: 95 Resp: 87294
Ion Ratio Lower Upper
95 100
174 95.0 0.0 195.4
176 91.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078989.D
Acq: 22 May 2024 19:44

Tgt Ion: 117 Resp: 249079
Ion Ratio Lower Upper
117 100
82 49.5 39.8 59.6
119 32.6 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078989.D

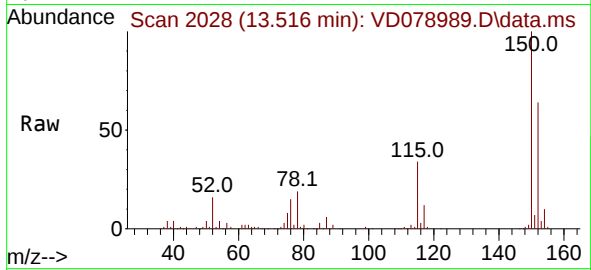
Acq: 22 May 2024 19:44

Instrument :

MSVOA_D

ClientSampleId :

MH-B-VOC



Tgt Ion:152 Resp: 110635

Ion Ratio Lower Upper

152 100

115 54.7 26.5 79.5

150 155.5 0.0 341.6

