

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067105.D
 Acq On : 06 Oct 2020 14:00
 Operator : VA/SY
 Sample : L4272-18
 Misc : 7.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-3-(6)

Quant Time: Oct 07 01:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	418172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	721707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	659068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	217325	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.91	113	236930	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.34	98	854319	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.63	95	276594	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

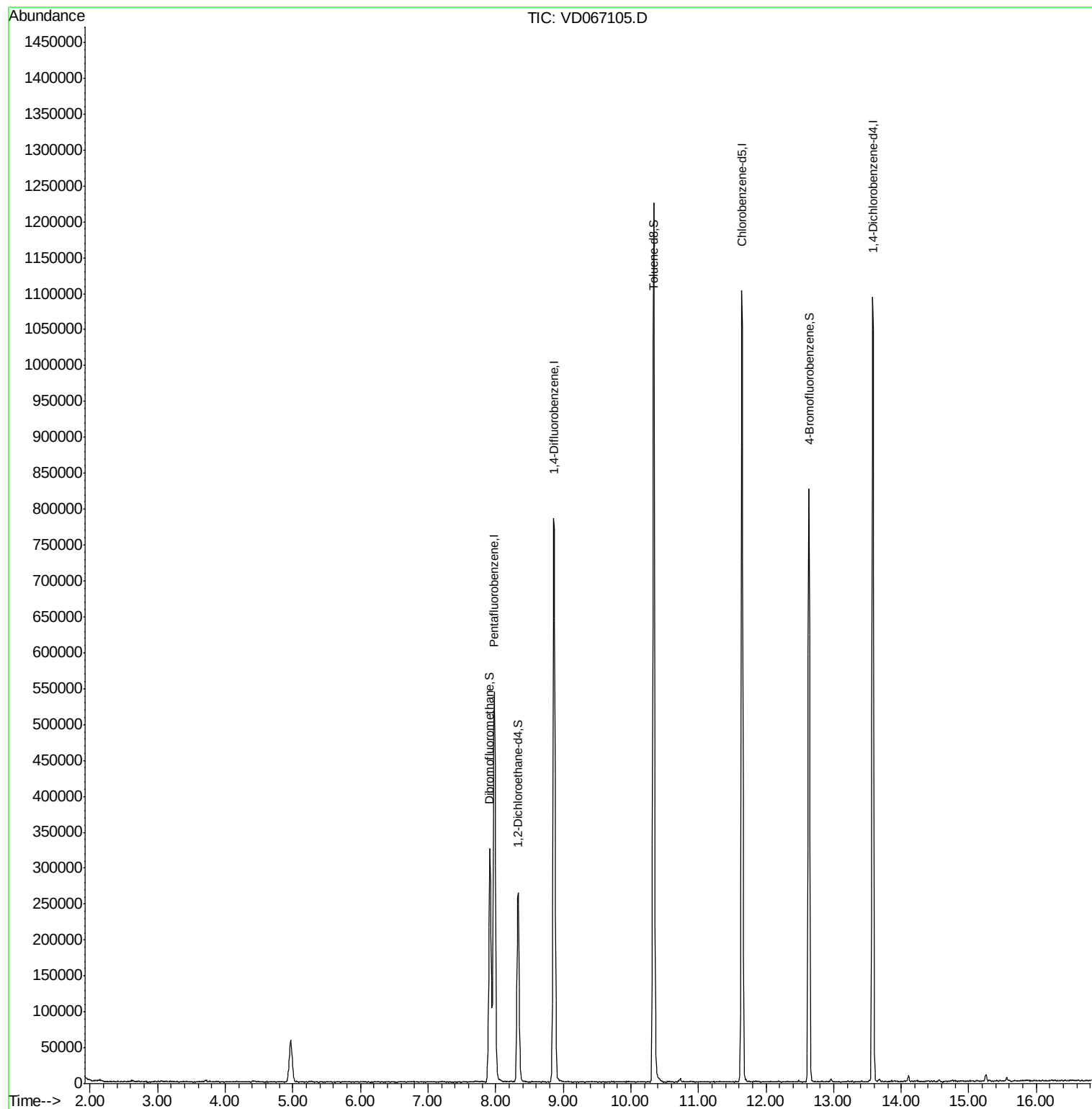
Target Compounds	Qvalue

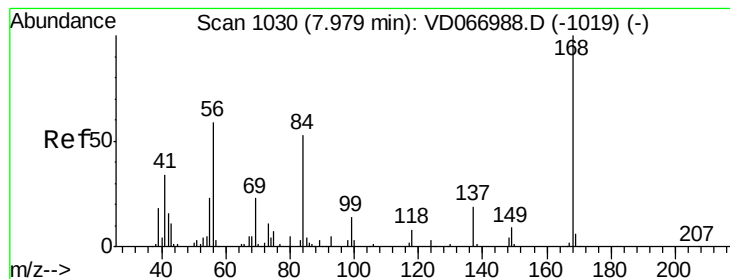
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067105.D

Acq: 06 Oct 2020 14:00

Instrument :

MSVOA_D

ClientSampleId :

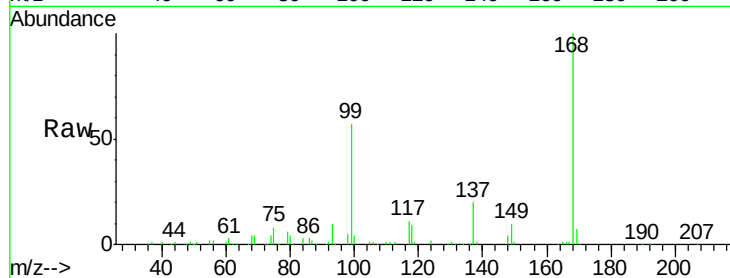
GIS-3-(6)

Tot Ion:168 Resp: 418172

Ion Ratio Lower Upper

168 100

99 56.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

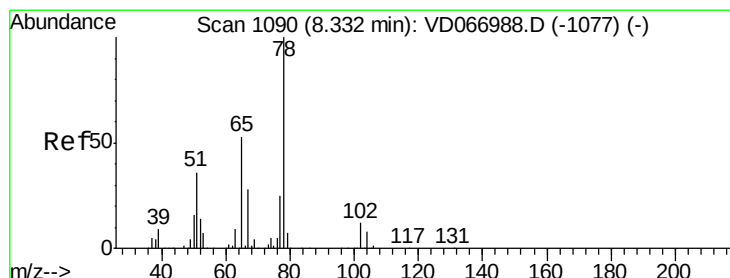
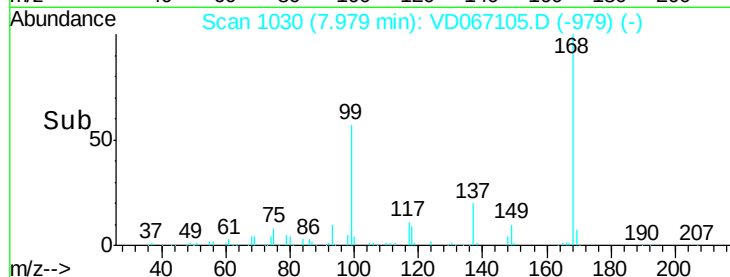
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.956 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067105.D

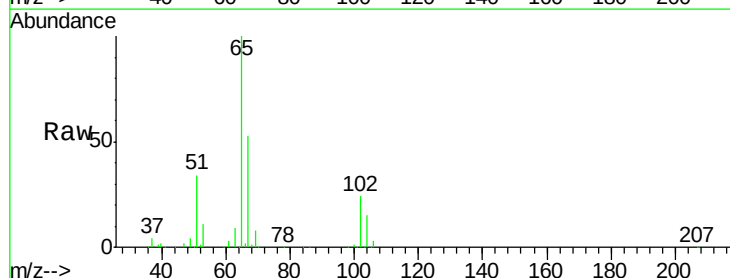
Acq: 06 Oct 2020 14:00

Tgt Ion: 65 Resp: 217325

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

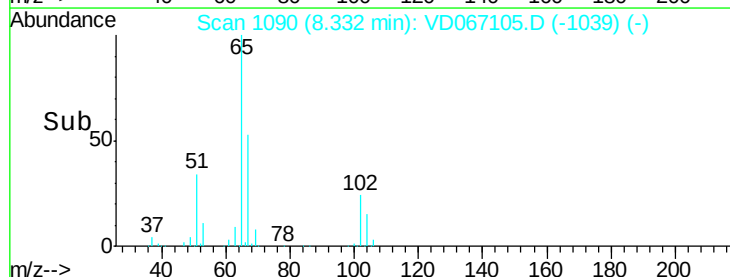
60000

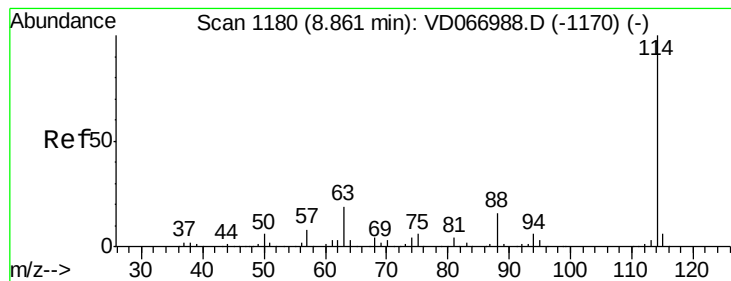
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067105.D

Acq: 06 Oct 2020 14:00

Instrument :

MSVOA_D

ClientSampleId :

GIS-3-(6)

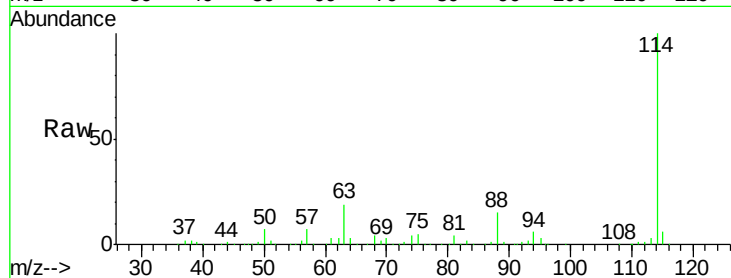
Tot Ion:114 Resp: 721707

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

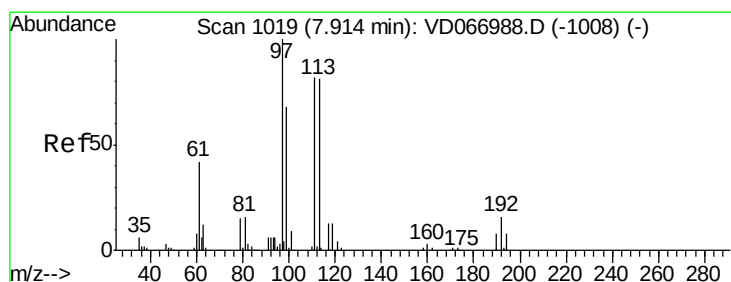
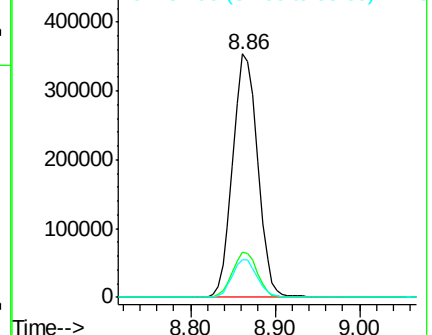
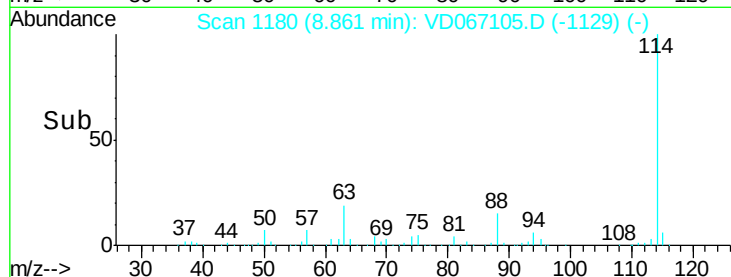
88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.145 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067105.D

Acq: 06 Oct 2020 14:00

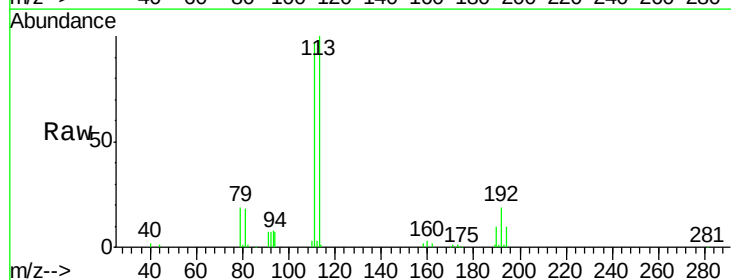
Tgt Ion:113 Resp: 236930

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

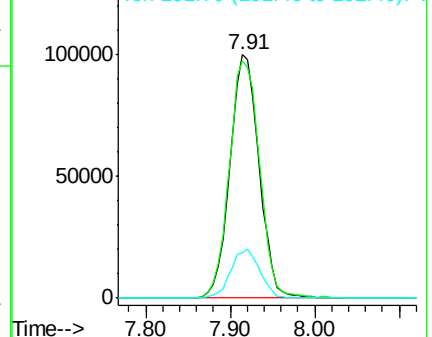
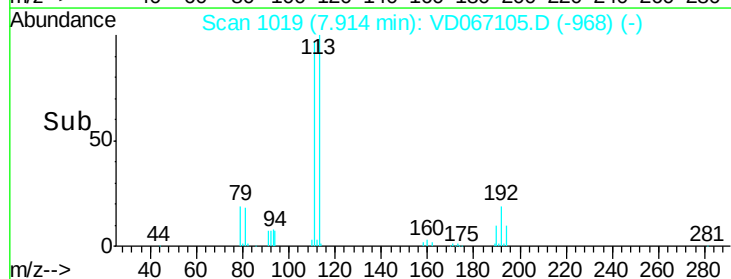
192 20.2 15.5 23.3

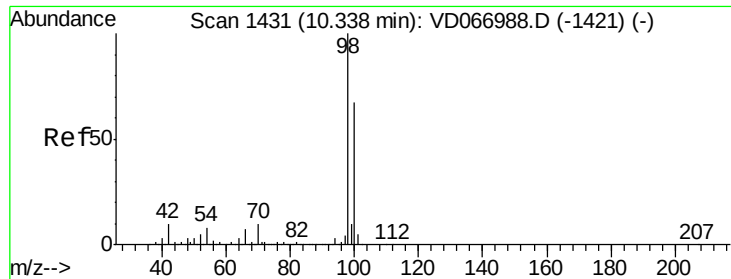


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

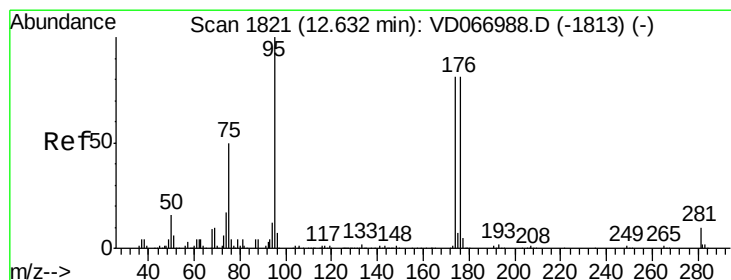
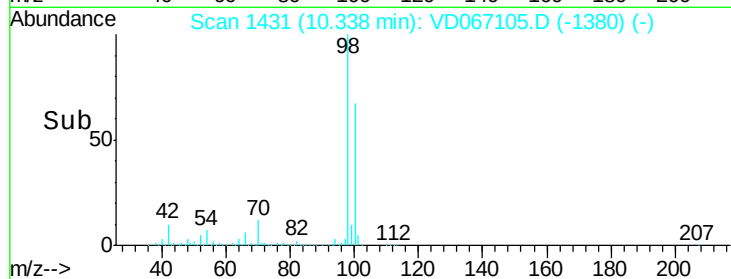
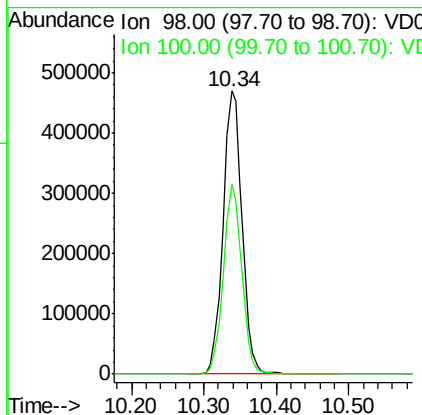
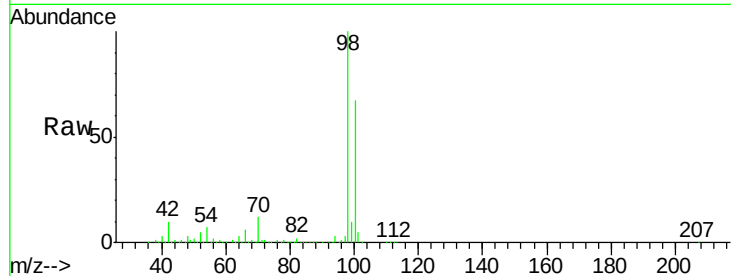




#50
Toluene-d8
Concen: 49.621 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067105.D
Acq: 06 Oct 2020 14:00

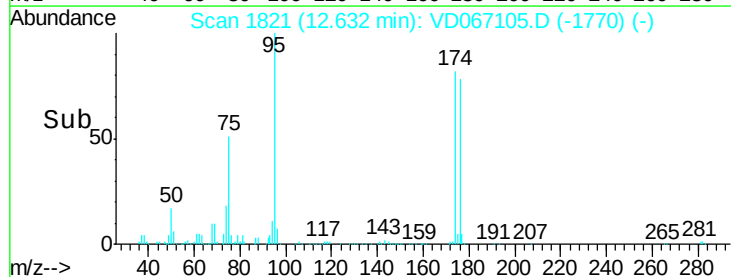
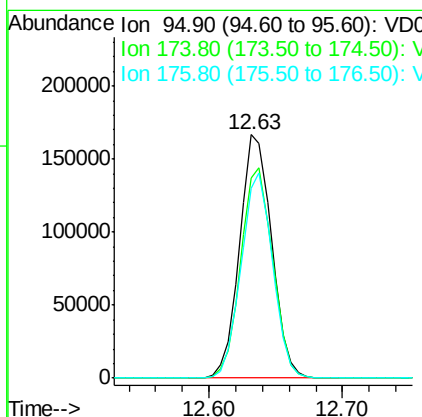
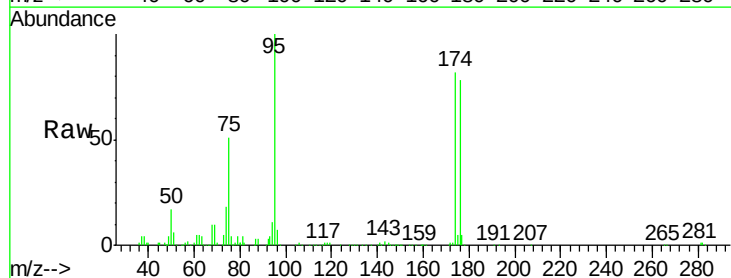
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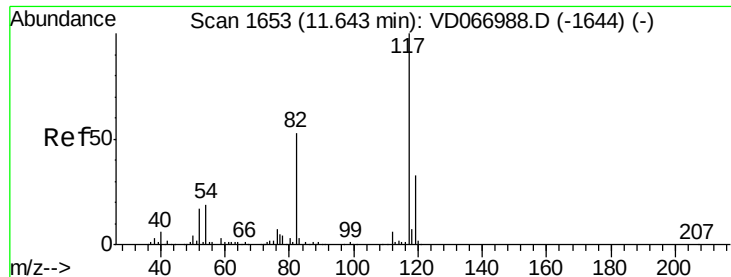
Tot Ion: 98 Resp: 854319
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.324 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067105.D
Acq: 06 Oct 2020 14:00

Tgt Ion: 95 Resp: 276594
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 82.5 0.0 162.4

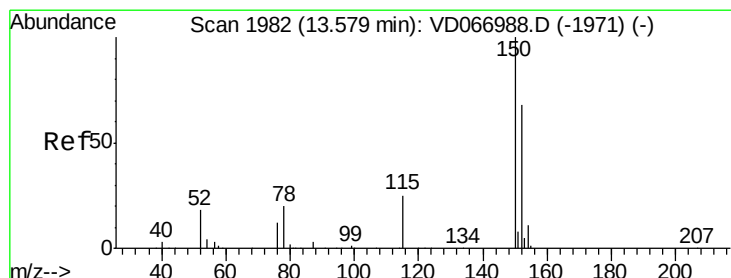
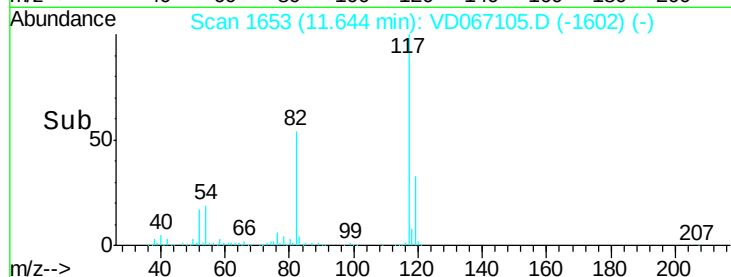
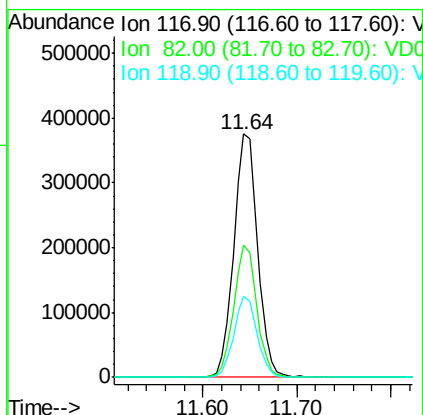
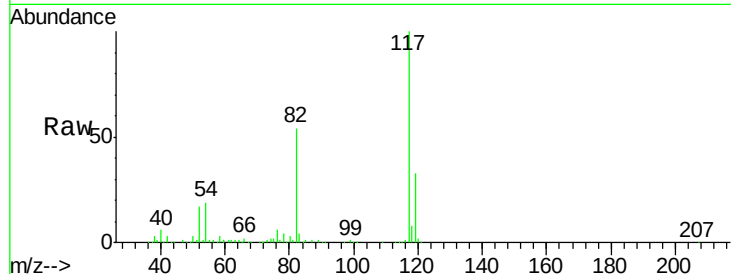




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067105.D
Acq: 06 Oct 2020 14:00

Instrument :
MSVOA_D
ClientSampleId :
GIS-3-(6)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	33.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067105.D
Acq: 06 Oct 2020 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.6	88.8
150	158.9	0.0	344.8

