

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067104.D
 Acq On : 06 Oct 2020 13:33
 Operator : VA/SY
 Sample : L4272-15
 Misc : 7.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GIS-2-(6)

Quant Time: Oct 07 01:37:04 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	416883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	726227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	668596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	213634	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.92	113	235147	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.34	98	838765	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.64	95	274204	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

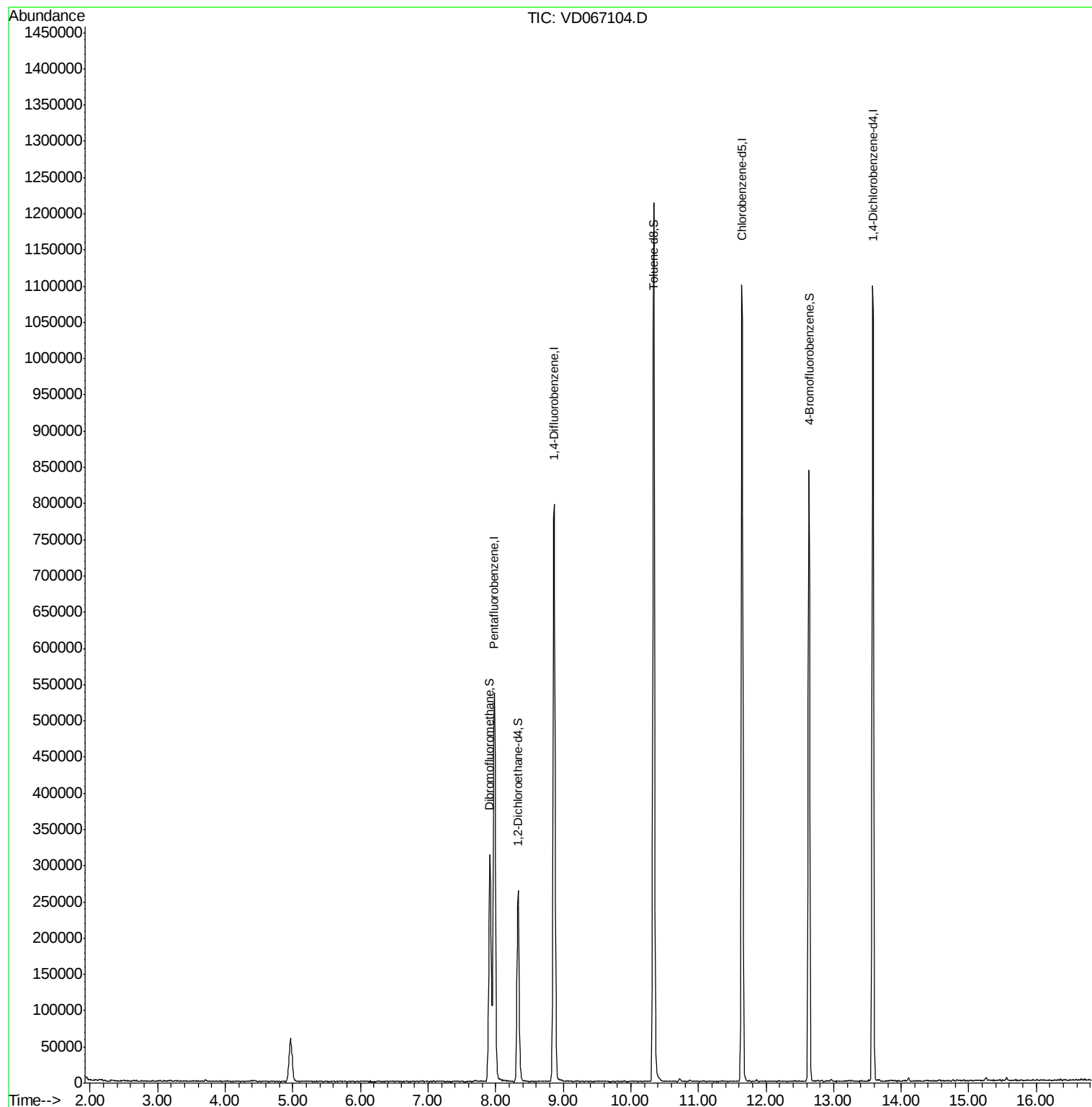
Target Compounds	Qvalue

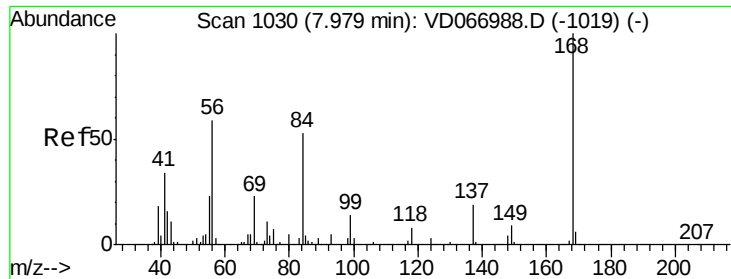
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067104.D

Acq: 06 Oct 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

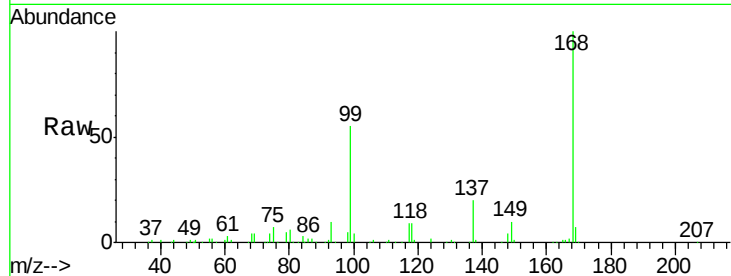
GIS-2-(6)

Tot Ion:168 Resp: 416883

Ion Ratio Lower Upper

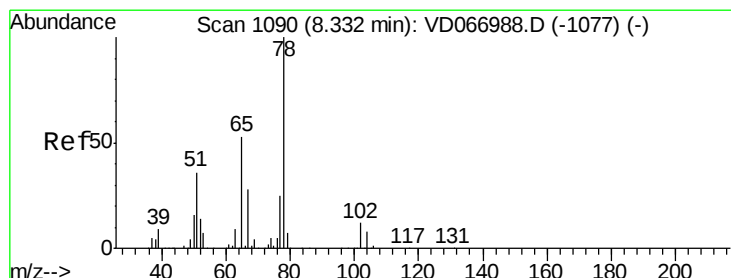
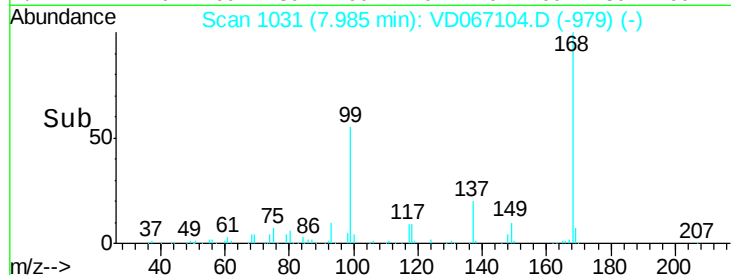
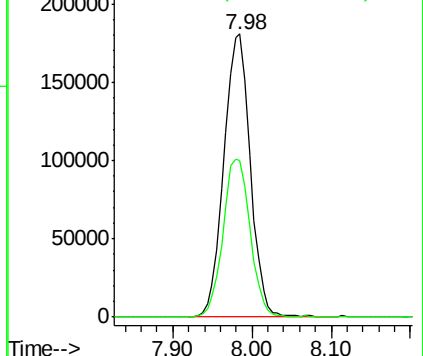
168 100

99 55.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.204 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067104.D

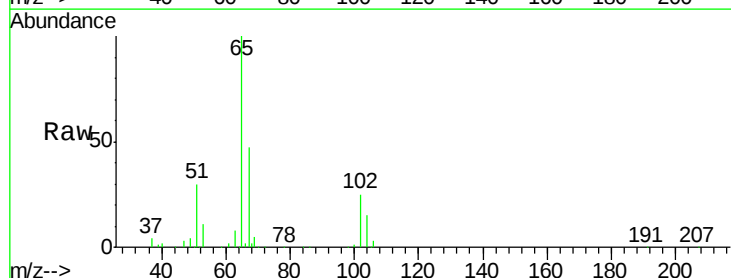
Acq: 06 Oct 2020 13:33

Tgt Ion: 65 Resp: 213634

Ion Ratio Lower Upper

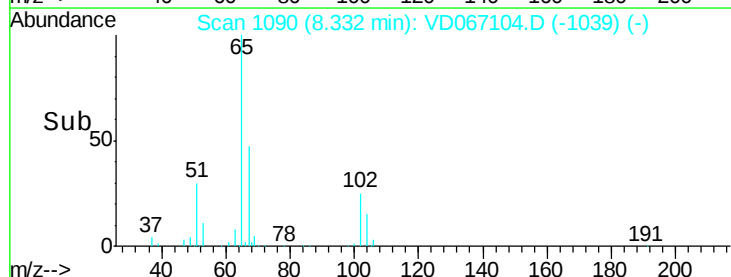
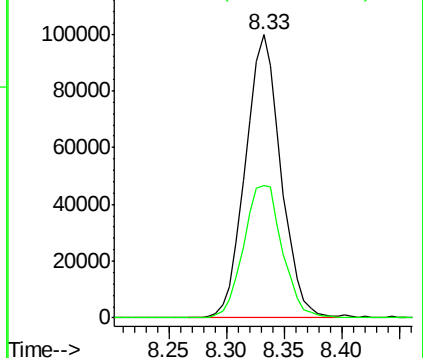
65 100

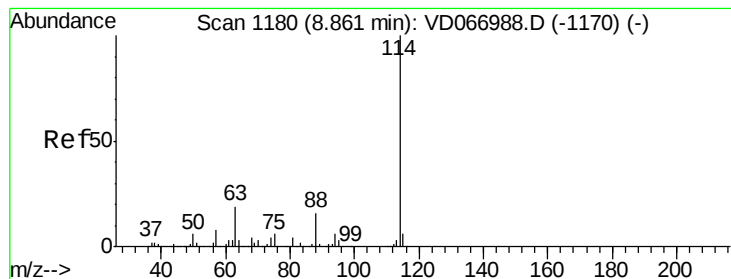
67 51.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067104.D

Acq: 06 Oct 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

GIS-2-(6)

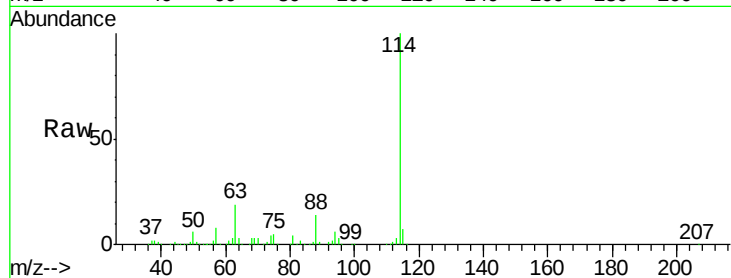
Tot Ion:114 Resp: 726227

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

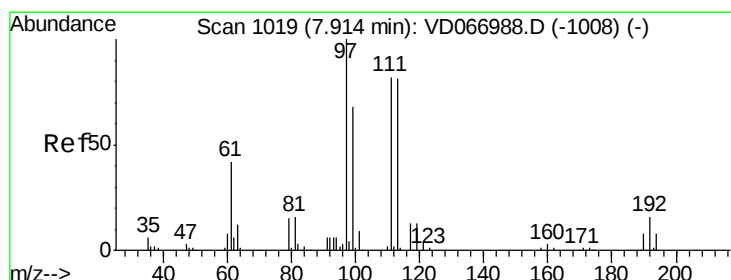
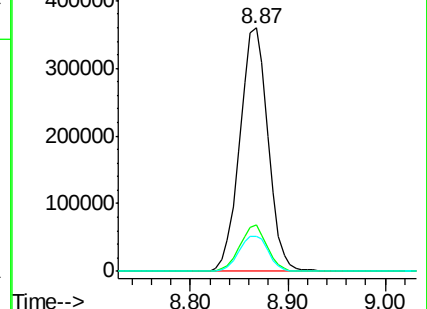
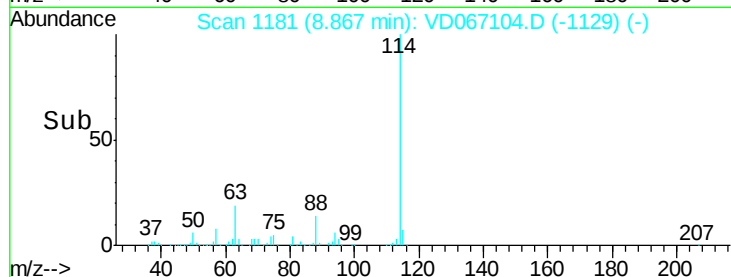
88 14.3 0.0 31.2



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: 49.458 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067104.D

Acq: 06 Oct 2020 13:33

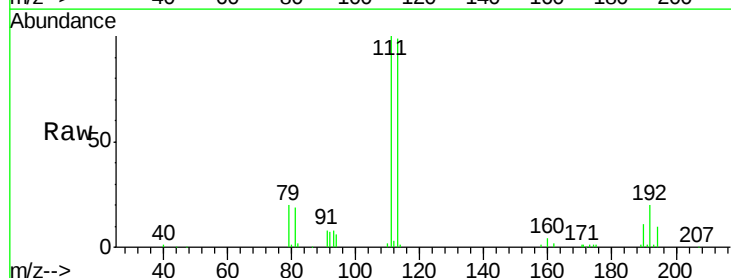
Tgt Ion:113 Resp: 235147

Ion Ratio Lower Upper

113 100

111 100.3 83.0 124.4

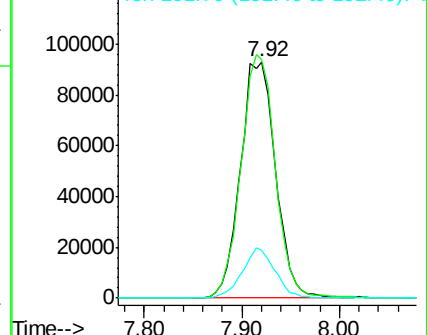
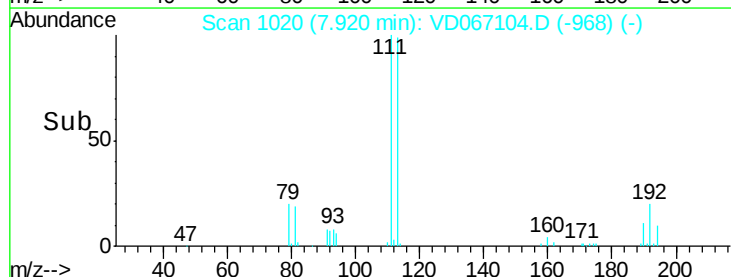
192 19.7 15.5 23.3

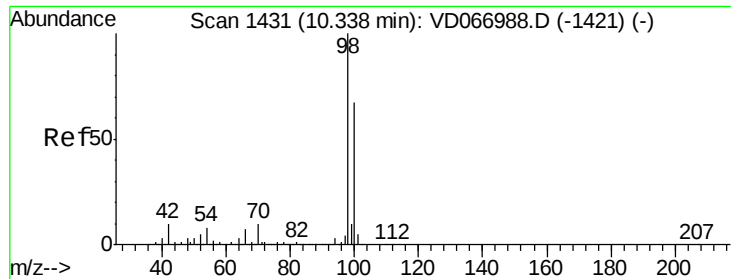


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

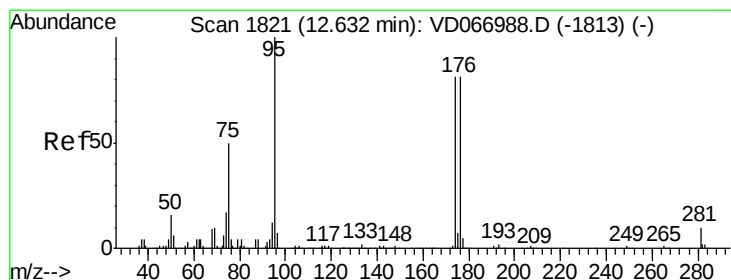
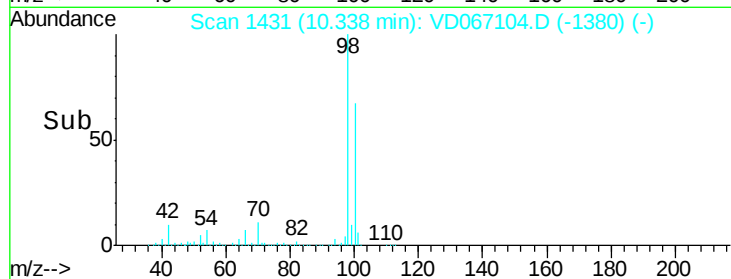
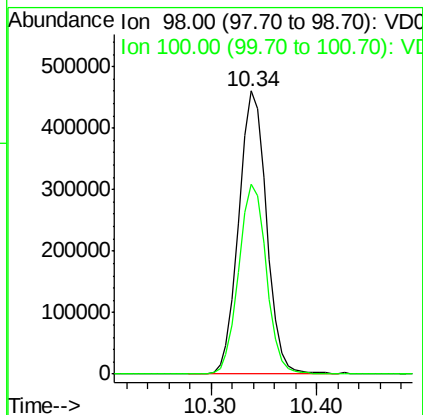
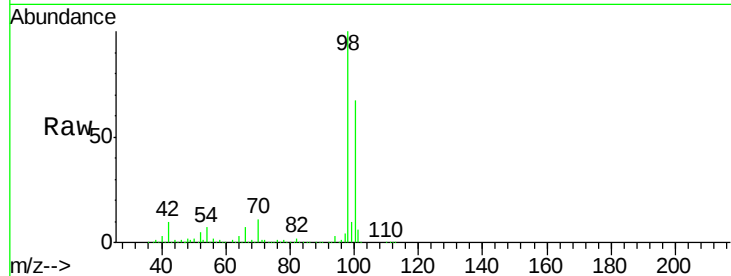




#50
Toluene-d8
Concen: 48.414 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067104.D
Acq: 06 Oct 2020 13:33

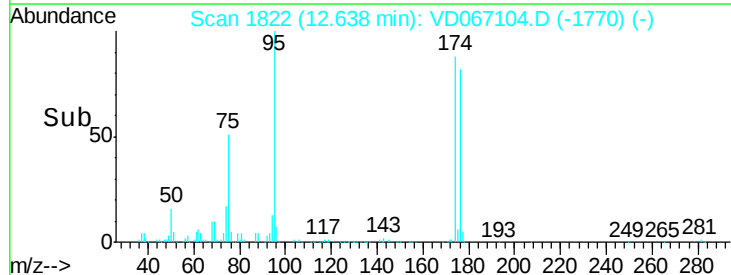
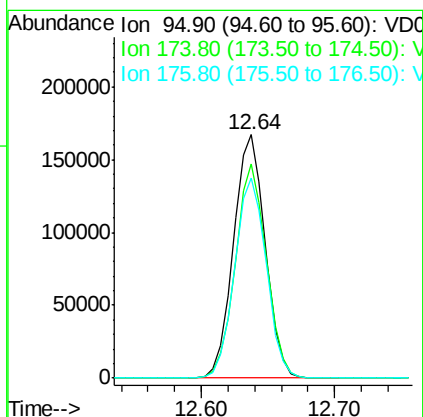
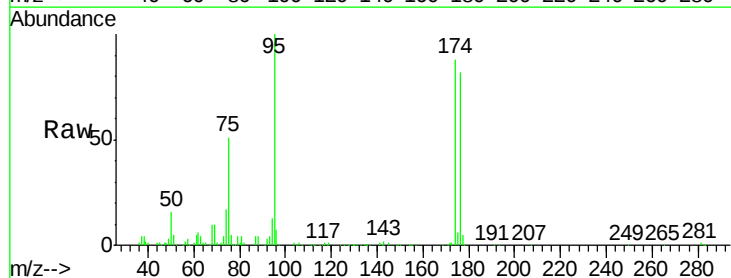
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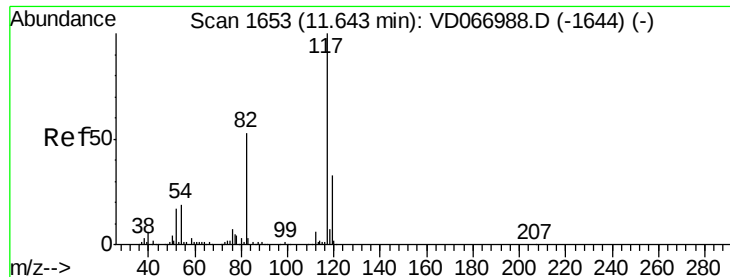
Tot Ion: 98 Resp: 838765
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.623 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067104.D
Acq: 06 Oct 2020 13:33

Tgt Ion: 95 Resp: 274204
Ion Ratio Lower Upper
95 100
174 86.2 0.0 167.6
176 82.2 0.0 162.4

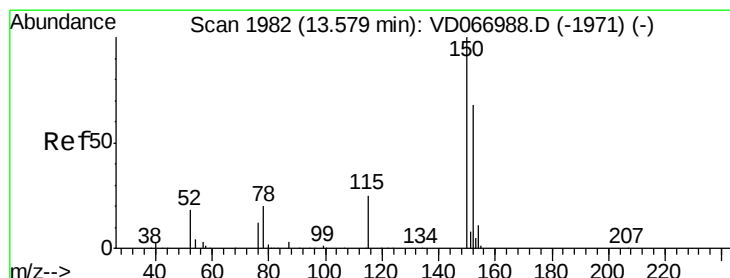
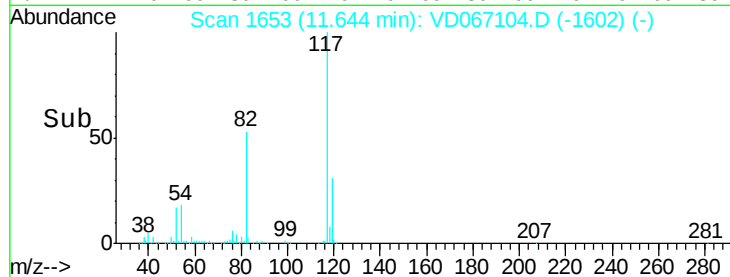
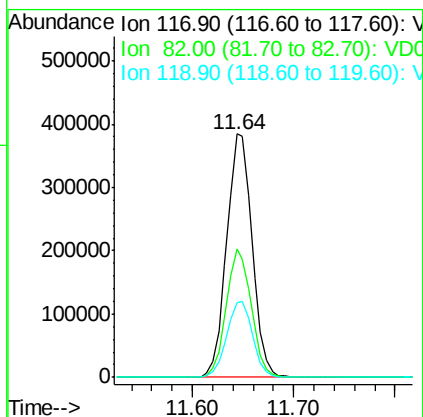
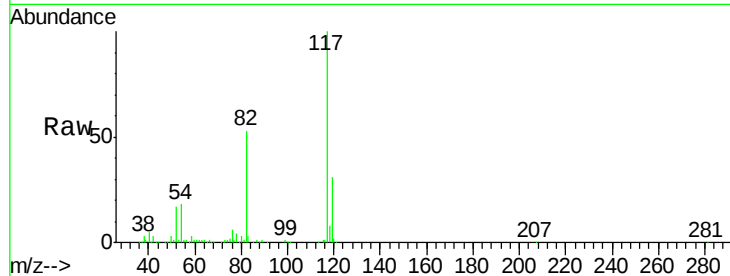




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067104.D
Acq: 06 Oct 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
GIS-2-(6)

Tot Ion:117 Resp: 668596
Ion Ratio Lower Upper
117 100
82 52.7 42.6 63.8
119 30.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067104.D
Acq: 06 Oct 2020 13:33

Tgt Ion:152 Resp: 304834
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 157.0 0.0 344.8

