

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101220\
 Data File : VD067234.D
 Acq On : 12 Oct 2020 15:53
 Operator : VA/SY
 Sample : L4369-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1

Quant Time: Oct 13 00:47:20 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	12306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	19848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	18082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	9707	81.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	163.78%	
35) Dibromofluoromethane	7.91	113	6057	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	10.34	98	21155	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	
62) 4-Bromofluorobenzene	12.63	95	7613	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

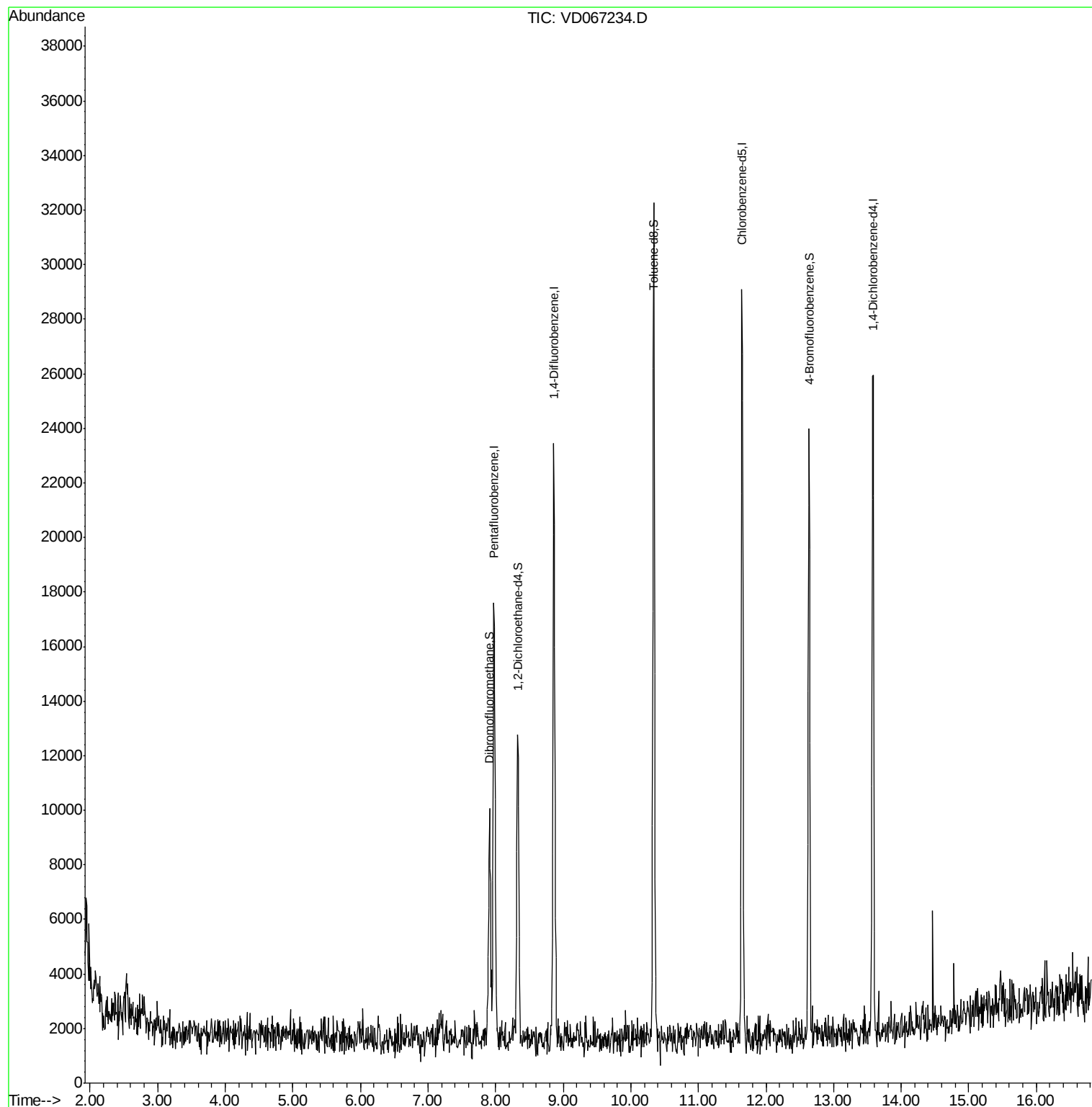
Target Compounds	Qvalue

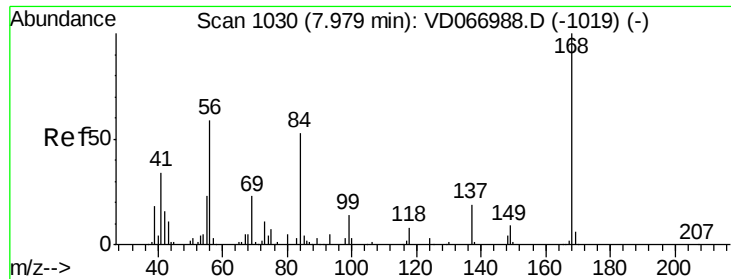
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067234.D

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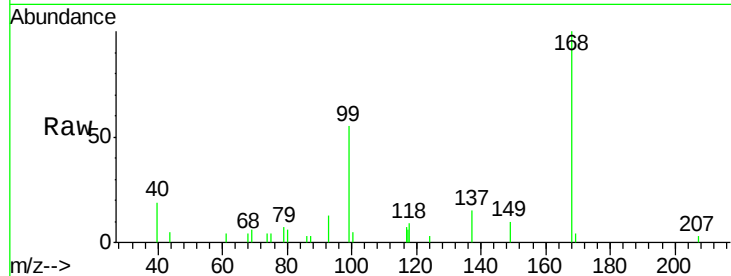
Instrument :
MSVOA_D
ClientSampleId :
HD-1

Tot Ion:168 Resp: 12306

Ion Ratio Lower Upper

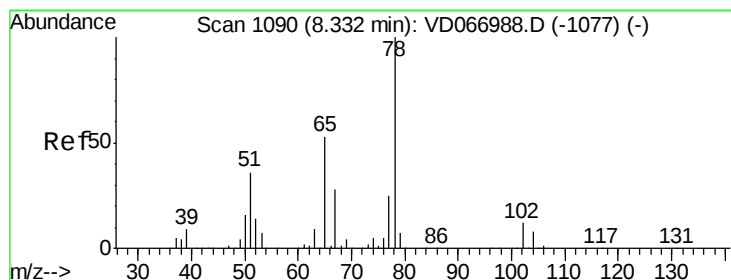
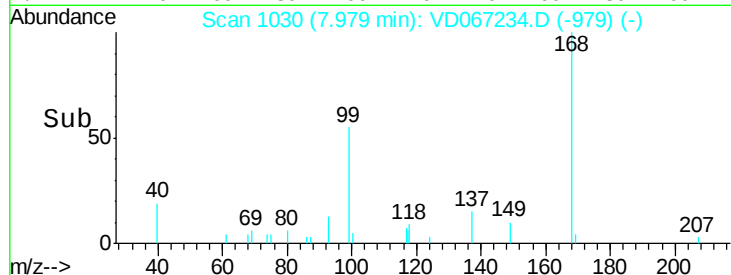
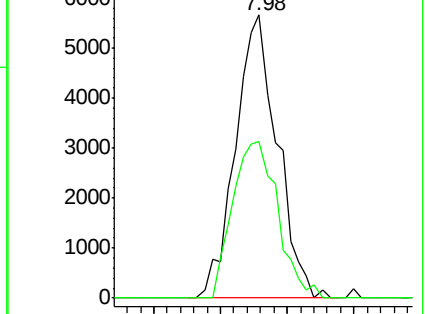
168 100

99 55.5 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: 81.894 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067234.D

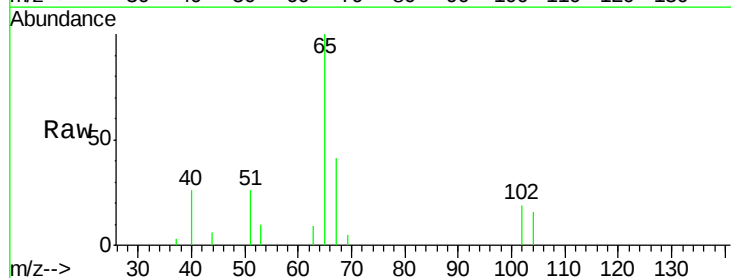
Acq: 12 Oct 2020 15:53

Tgt Ion: 65 Resp: 9707

Ion Ratio Lower Upper

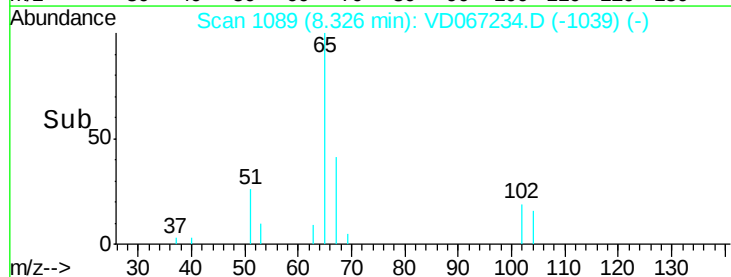
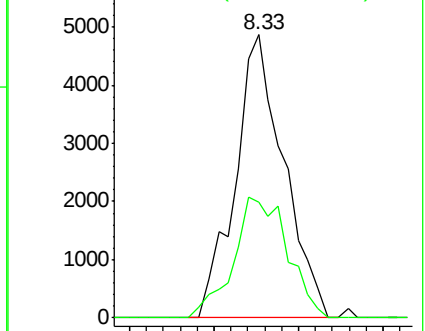
65 100

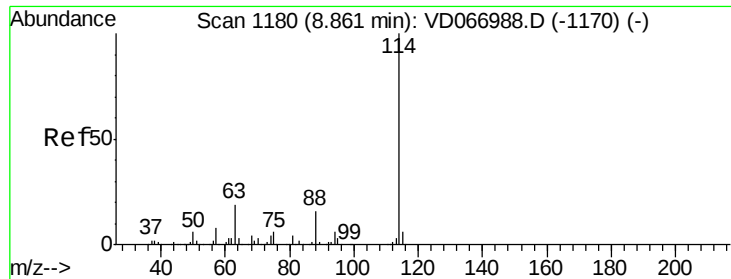
67 47.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

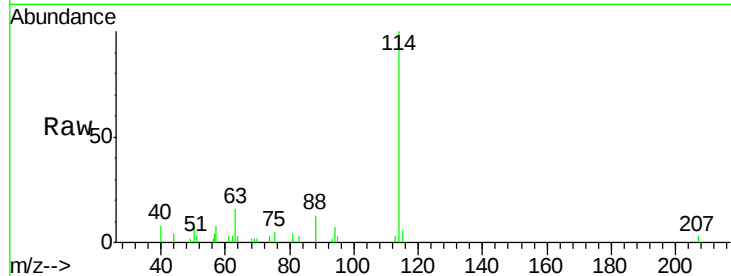




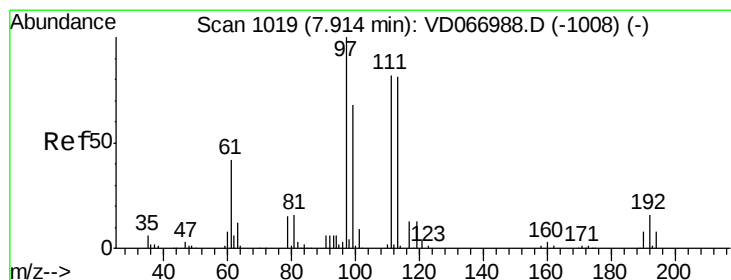
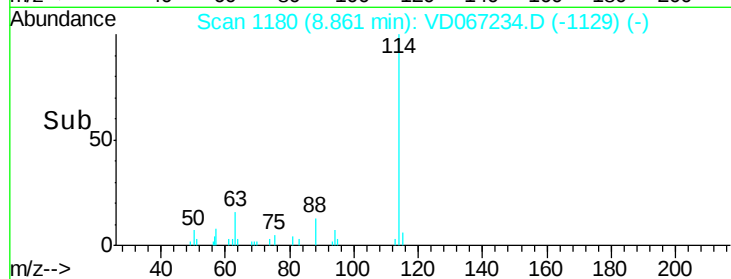
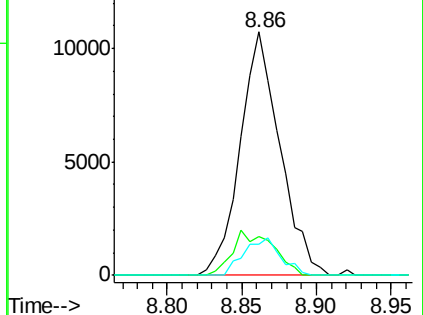
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067234.D
 Acq: 12 Oct 2020 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1

Tot Ion:114 Resp: 19848
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 38.4
 88 12.8 0.0 31.2

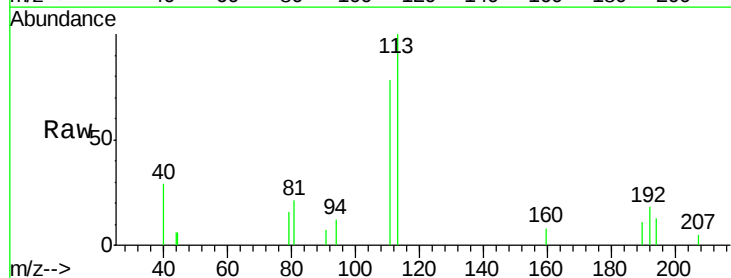


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

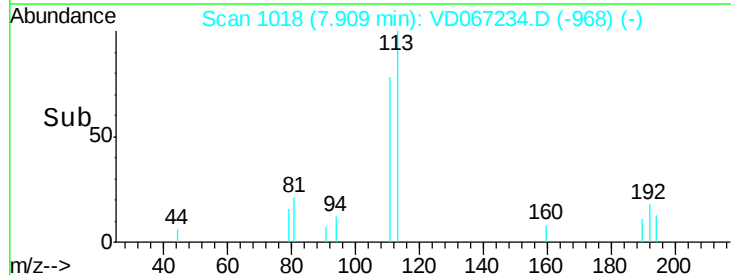
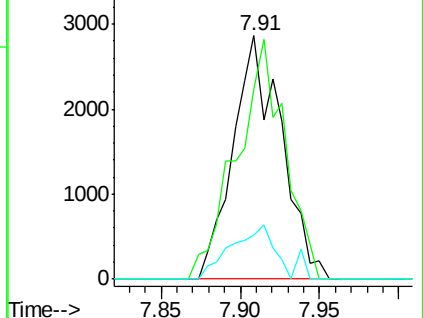


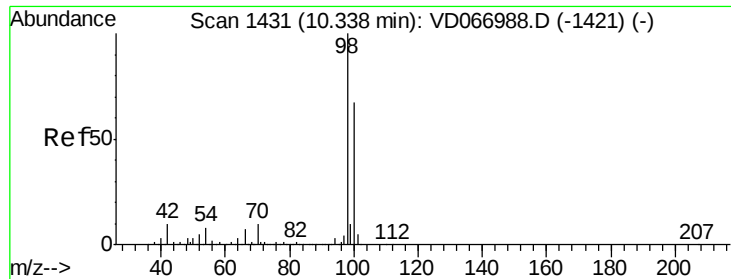
#35
 Dibromofluoromethane
 Concen: 46.613 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067234.D
 Acq: 12 Oct 2020 15:53

Tgt Ion:113 Resp: 6057
 Ion Ratio Lower Upper
 113 100
 111 98.3 83.0 124.4
 192 19.5 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: 44.679 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067234.D

Acq: 12 Oct 2020 15:53

Instrument :

MSVOA_D

ClientSampled :

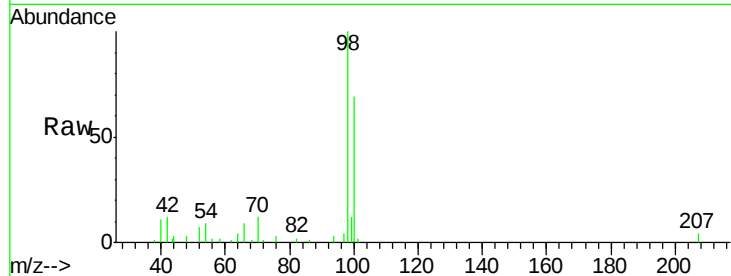
HD-1

Tot Ion: 98 Resp: 21155

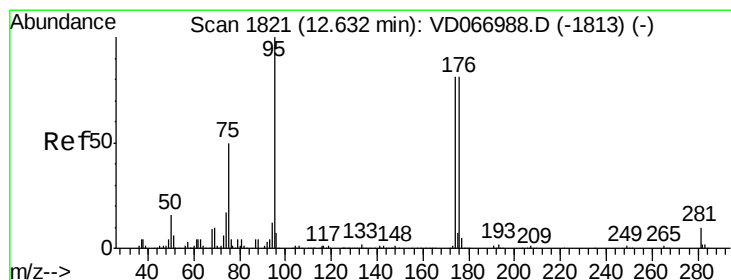
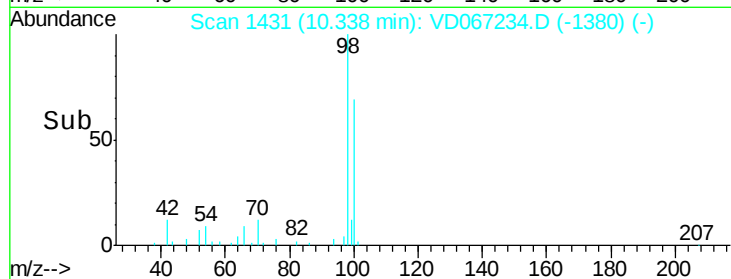
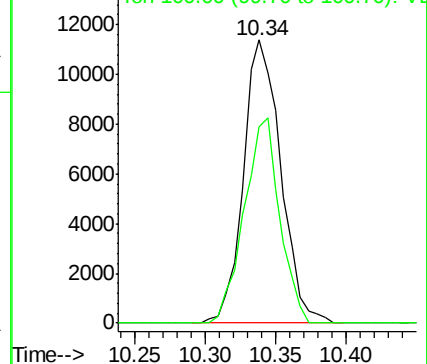
Ion Ratio Lower Upper

98 100

100 68.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD066988.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 47.363 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067234.D

Acq: 12 Oct 2020 15:53

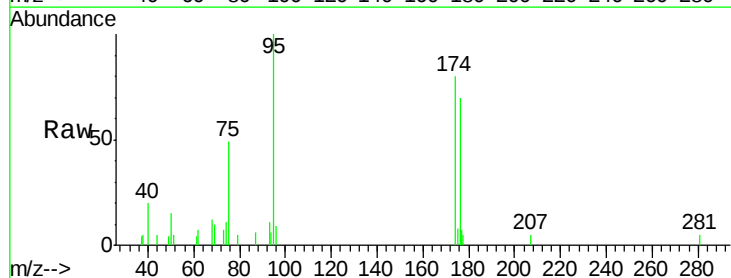
Tgt Ion: 95 Resp: 7613

Ion Ratio Lower Upper

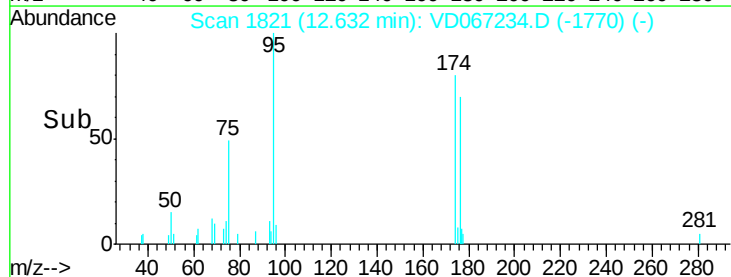
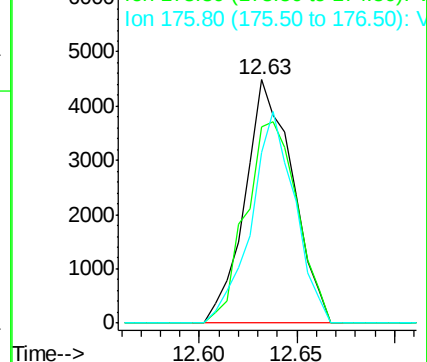
95 100

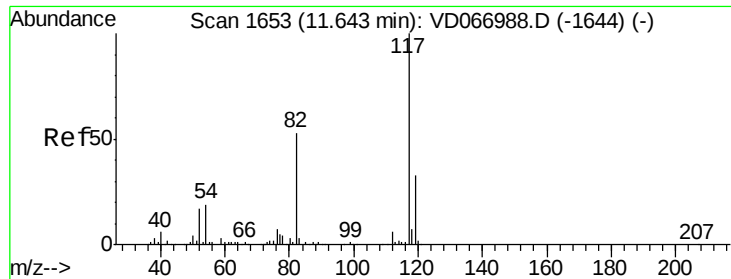
174 89.0 0.0 167.6

176 79.3 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VD066988.D (-1813) (-)

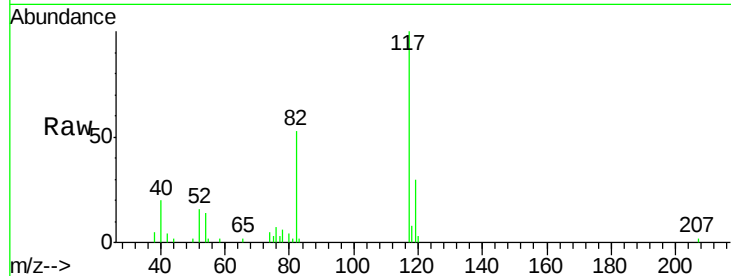




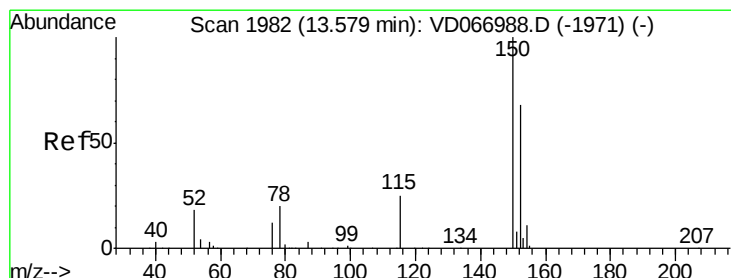
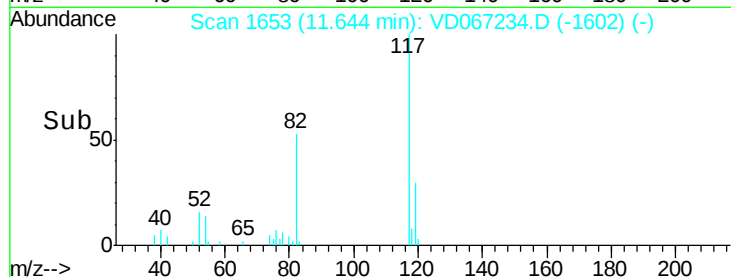
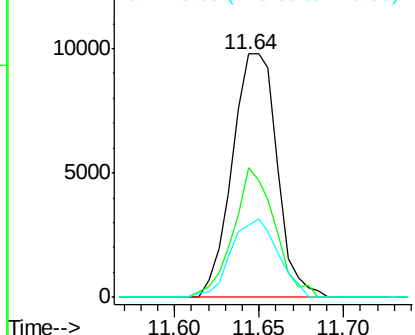
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067234.D
Acq: 12 Oct 2020 15:53

Instrument :
MSVOA_D
ClientSampleId :
HD-1

Tot Ion:117 Resp: 18082
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 29.6 26.3 39.5

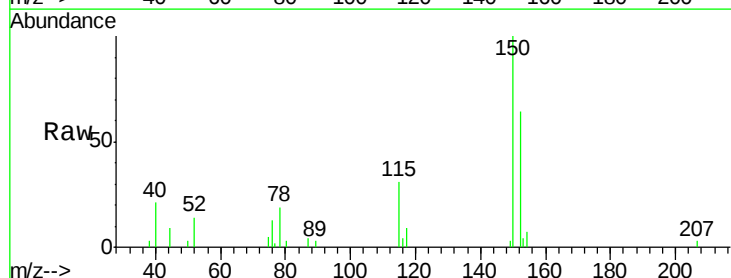


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD067234.D
Acq: 12 Oct 2020 15:53

Tgt Ion:152 Resp: 8106
Ion Ratio Lower Upper
152 100
115 60.3 29.6 88.8
150 165.3 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

