

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066998.D
 Acq On : 01 Oct 2020 17:47
 Operator : VA/SY
 Sample : L3865-01
 Misc : 9.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Quant Time: Oct 02 01:09:50 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	18178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	27611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	29837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	14617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	14786	84.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.90%	
35) Dibromofluoromethane	7.91	113	9936	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.34	98	33405	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.64	95	12958	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	

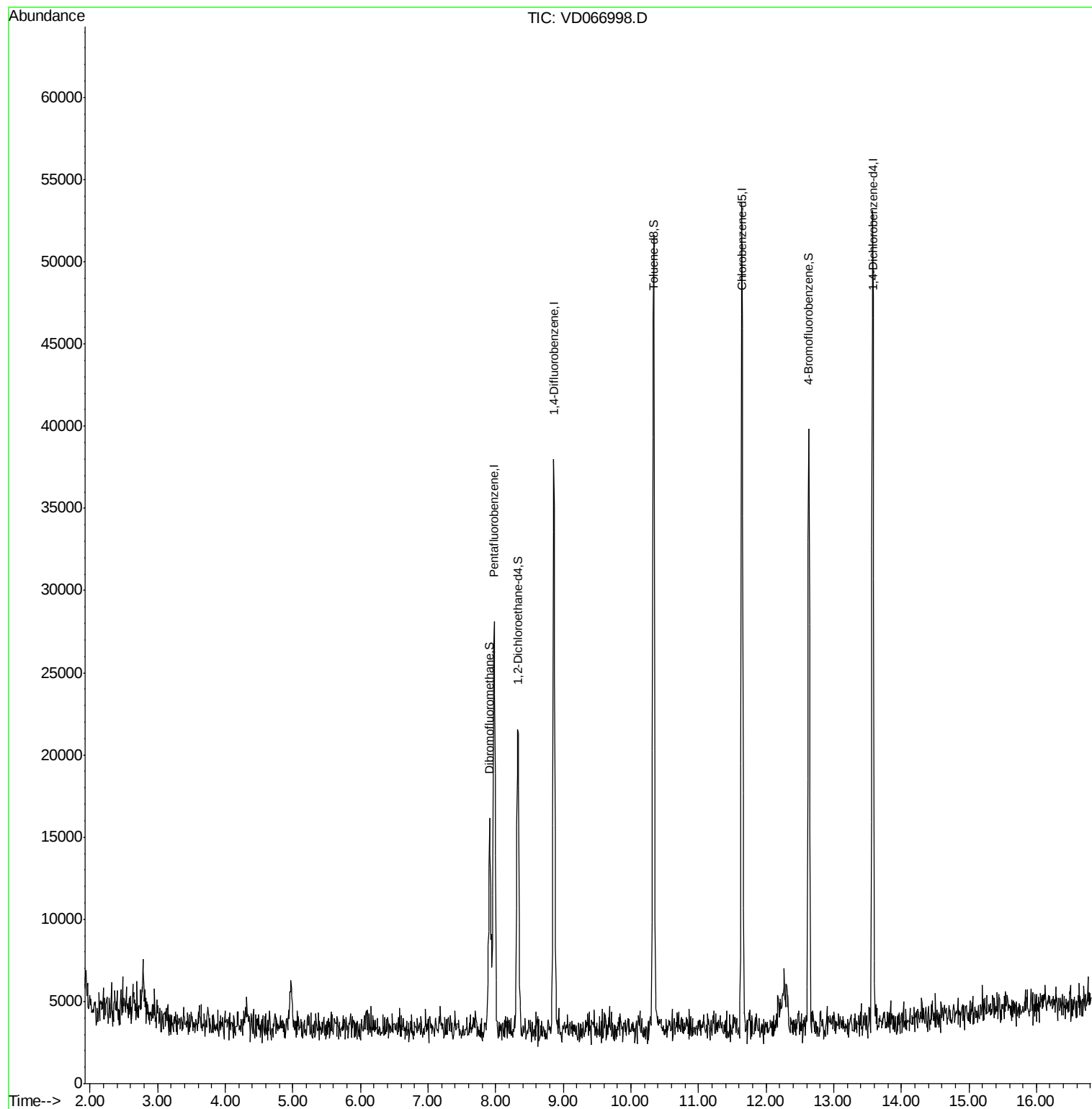
Target Compounds	Qvalue
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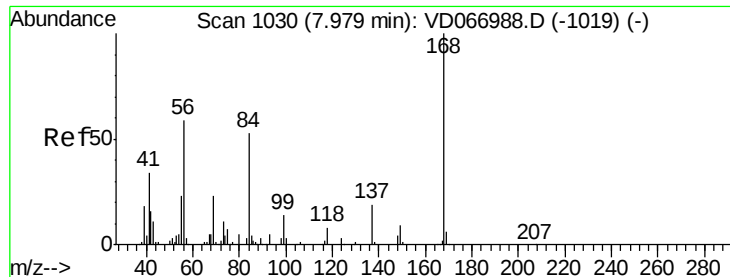
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066988.D

Acq: 01 Oct 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

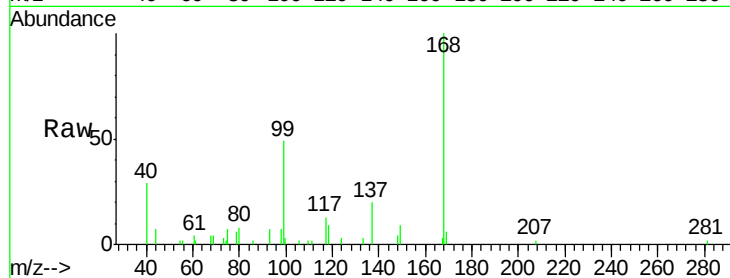
NB-08-093020

Tot Ion:168 Resp: 18178

Ion Ratio Lower Upper

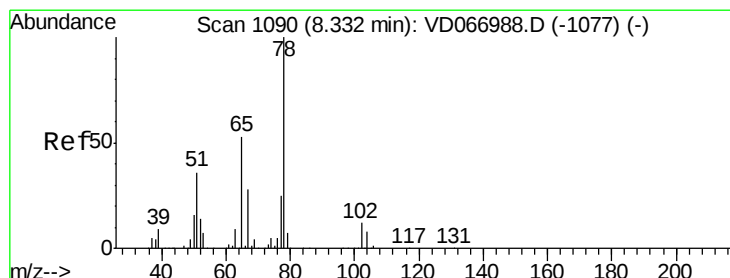
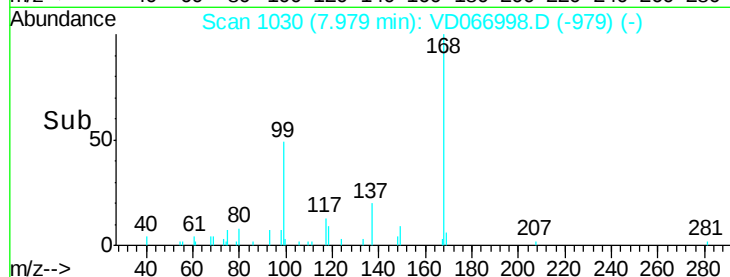
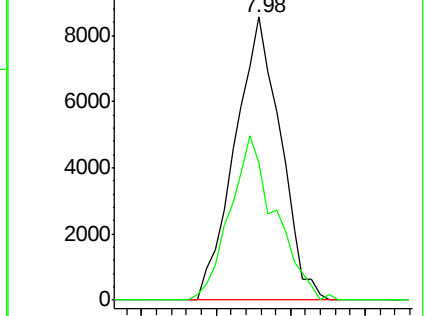
168 100

99 48.7 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: 84.448 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066988.D

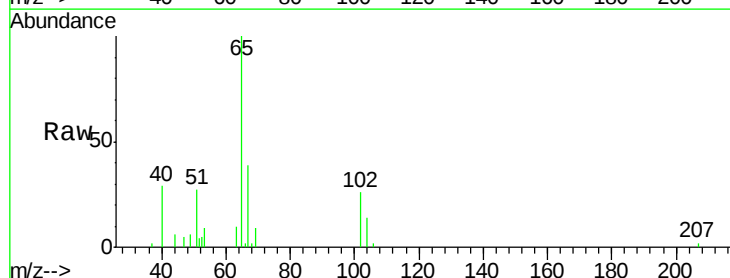
Acq: 01 Oct 2020 17:47

Tgt Ion: 65 Resp: 14786

Ion Ratio Lower Upper

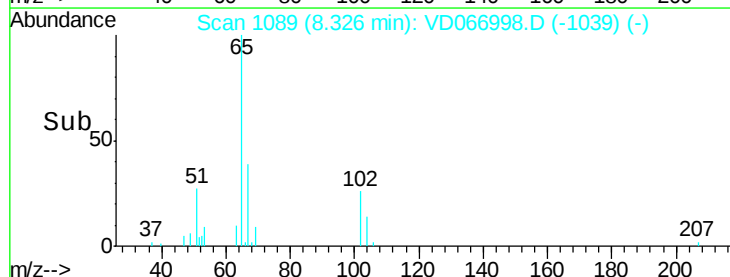
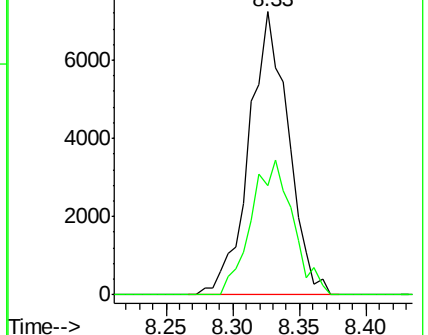
65 100

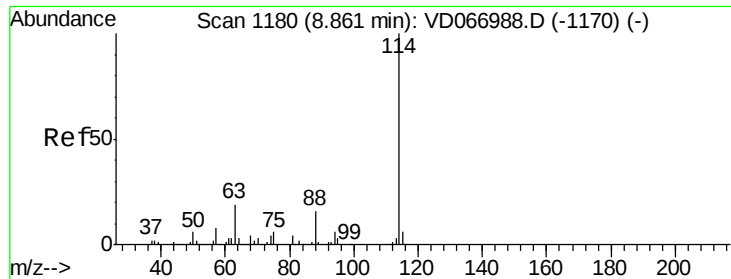
67 50.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

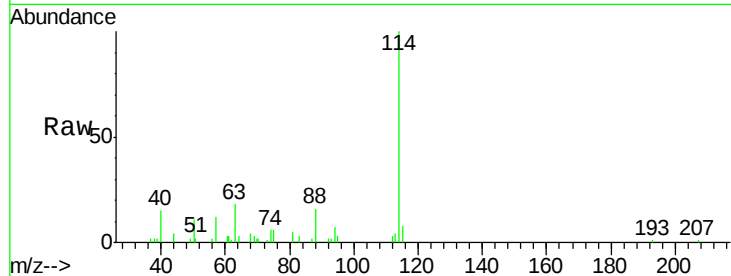




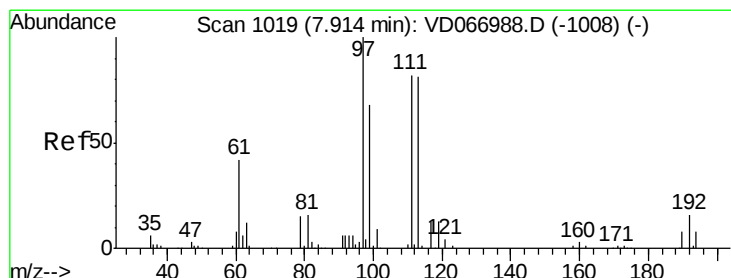
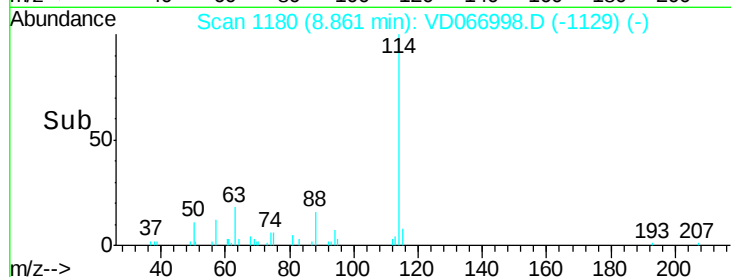
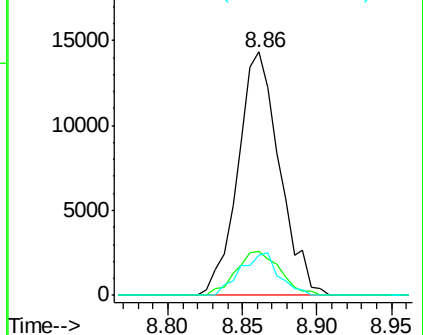
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066998.D
 Acq: 01 Oct 2020 17:47

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-093020

Tot Ion:114 Resp: 27611
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 16.3 0.0 31.2

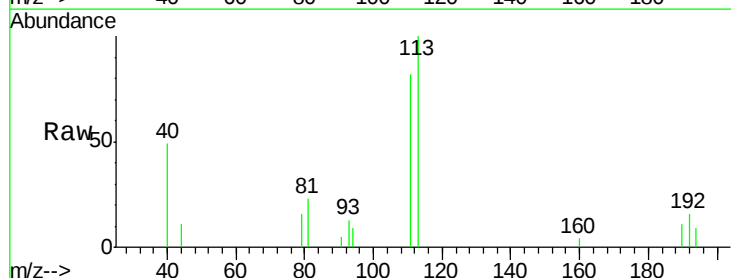


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

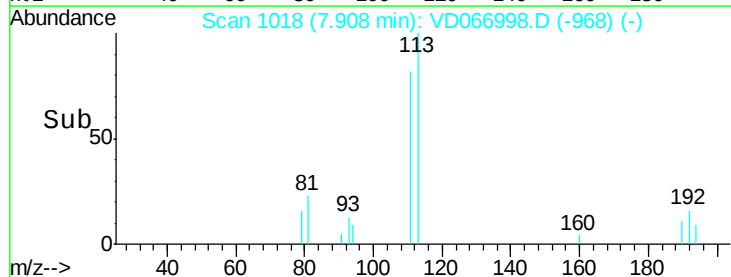
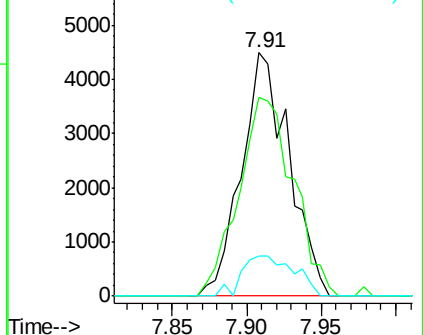


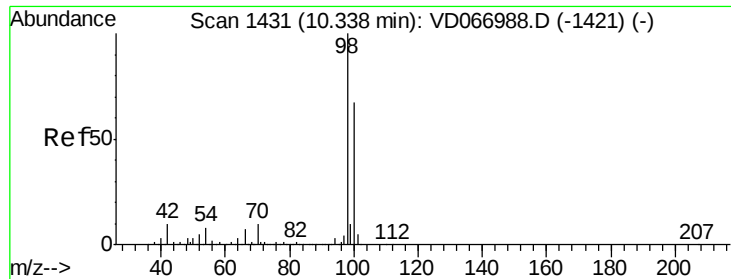
#35
 Dibromofluoromethane
 Concen: 54.967 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066998.D
 Acq: 01 Oct 2020 17:47

Tgt Ion:113 Resp: 9936
 Ion Ratio Lower Upper
 113 100
 111 93.7 83.0 124.4
 192 18.3 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: 50.715 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066998.D

Acq: 01 Oct 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

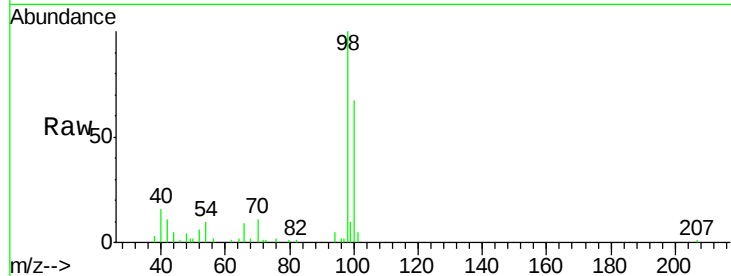
NB-08-093020

Tot Ion: 98 Resp: 33405

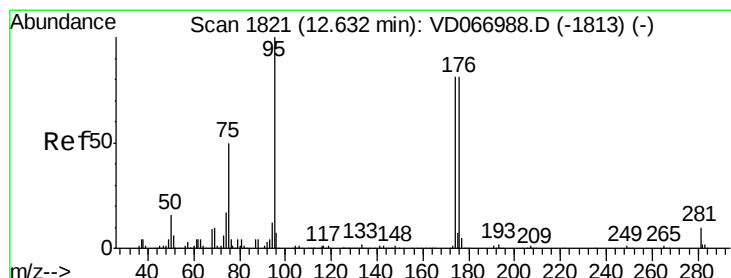
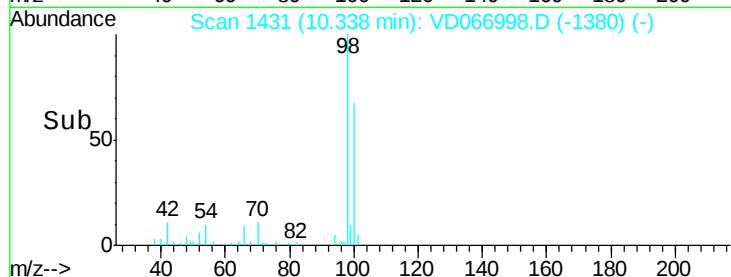
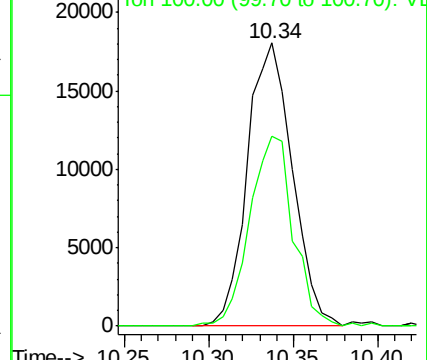
Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



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



#62

4-Bromofluorobenzene

Concen: 57.950 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066998.D

Acq: 01 Oct 2020 17:47

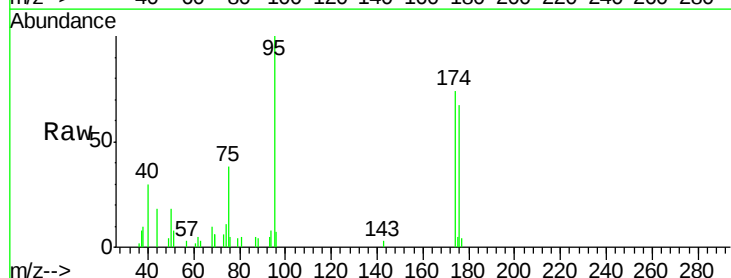
Tgt Ion: 95 Resp: 12958

Ion Ratio Lower Upper

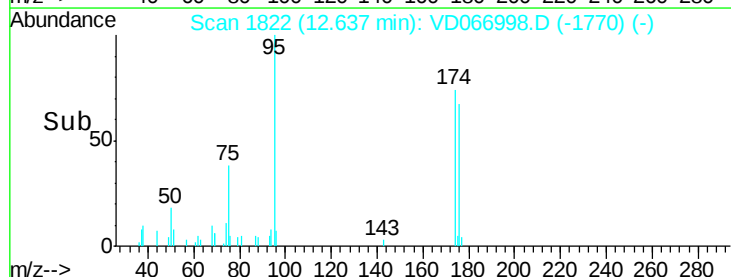
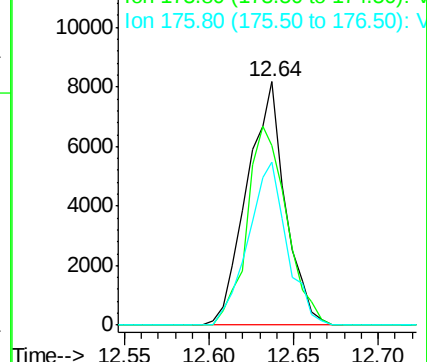
95 100

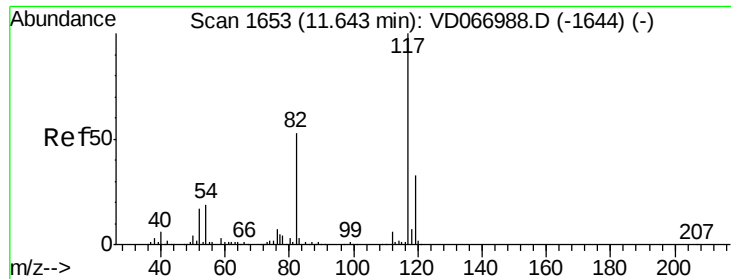
174 83.9 0.0 167.6

176 67.4 0.0 162.4



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

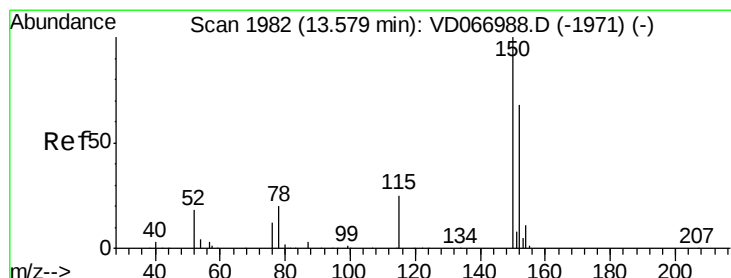
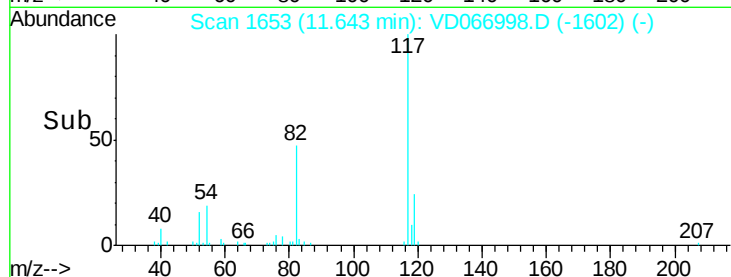
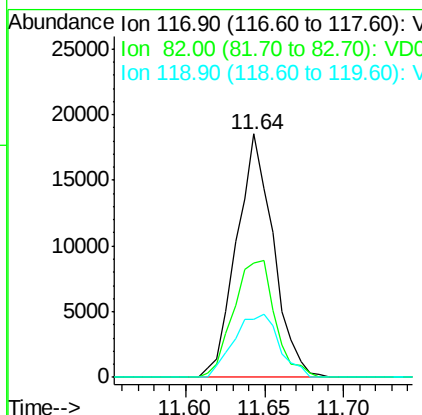
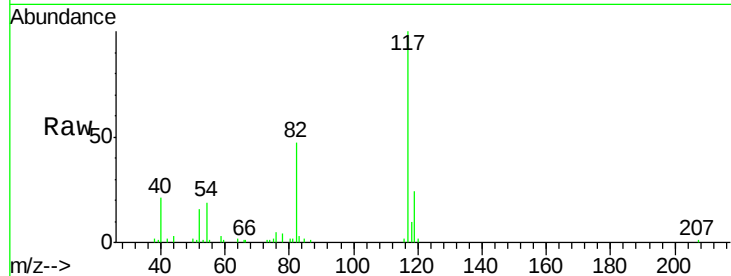




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066998.D
Acq: 01 Oct 2020 17:47

Instrument :
MSVOA_D
ClientSampleId :
NB-08-093020

Tot Ion:117 Resp: 29837
Ion Ratio Lower Upper
117 100
82 46.9 42.6 63.8
119 24.1 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: VD066998.D
Acq: 01 Oct 2020 17:47

Tgt Ion:152 Resp: 14617
Ion Ratio Lower Upper
152 100
115 56.1 29.6 88.8
150 145.3 0.0 344.8

