

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066501.D
 Acq On : 01 Sep 2020 17:34
 Operator : VA/SY
 Sample : L3851-13
 Misc : 6.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11998

Quant Time: Sep 02 01:41:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	249684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	231762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123697	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	95359	56.71	ug/l	0.00
Spiked Amount			Recovery	=	113.42%	
35) Dibromofluoromethane	7.91	113	77683	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.34	98	295619	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.63	95	106408	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	

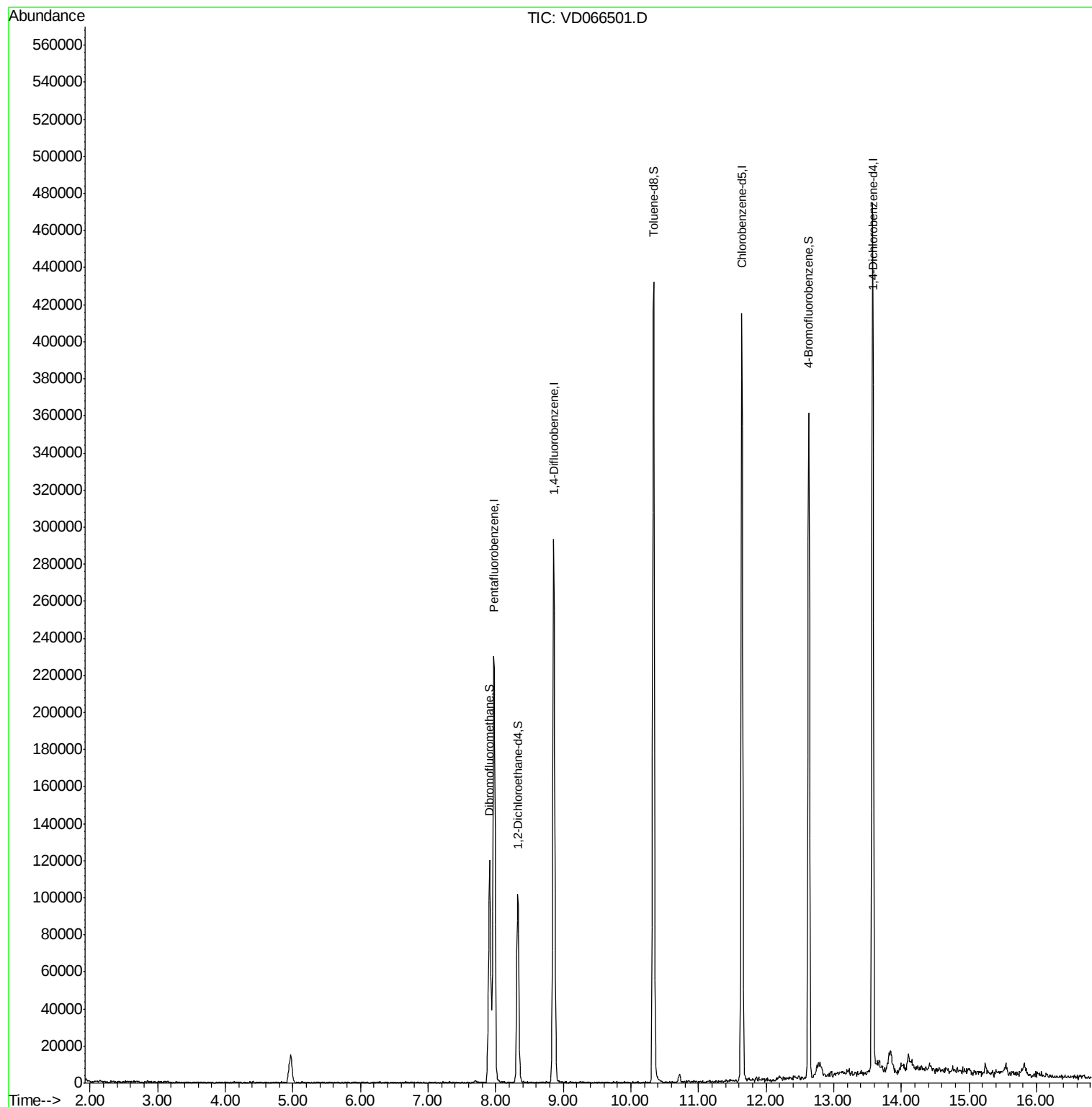
Target Compounds	Qvalue
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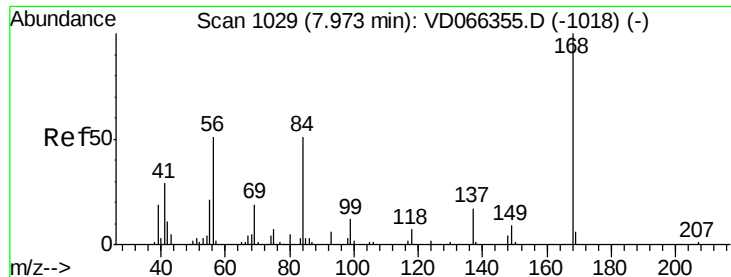
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066501.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

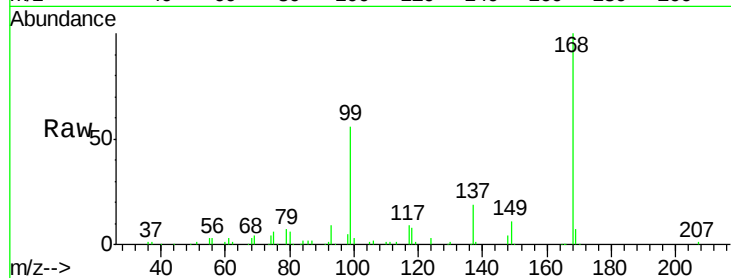
11998

Tot Ion:168 Resp: 171522

Ion Ratio Lower Upper

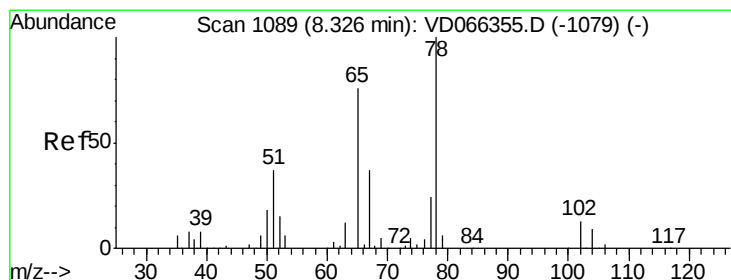
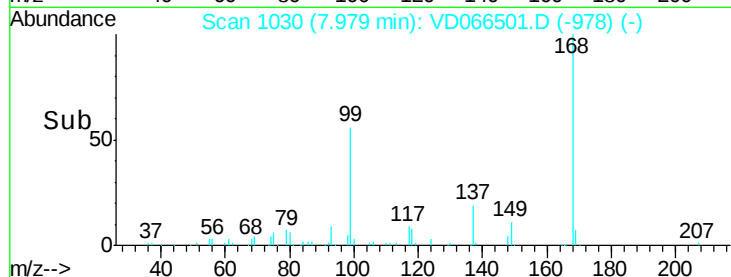
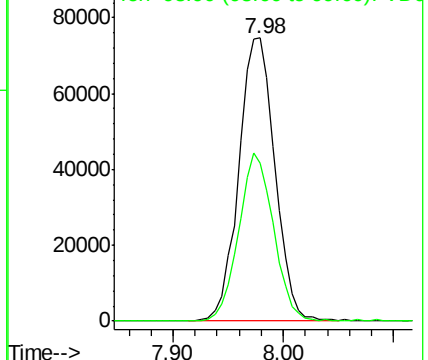
168 100

99 55.8 45.4 68.0



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: 56.708 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066501.D

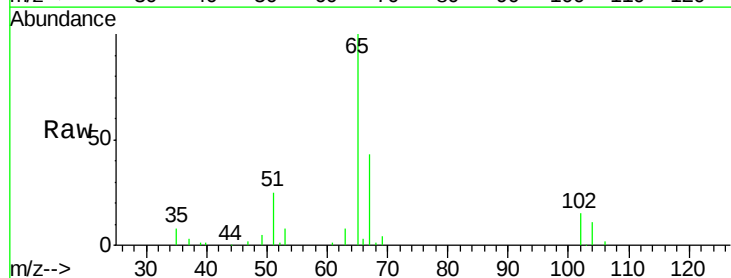
Acq: 01 Sep 2020 17:34

Tgt Ion: 65 Resp: 95359

Ion Ratio Lower Upper

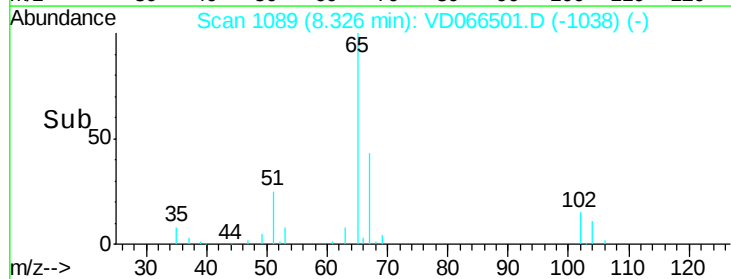
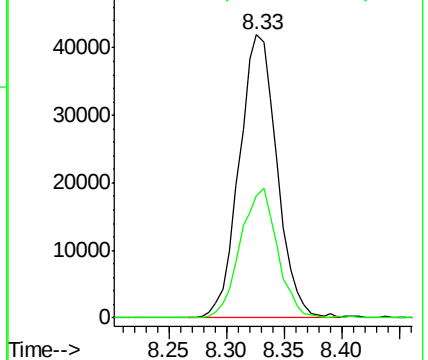
65 100

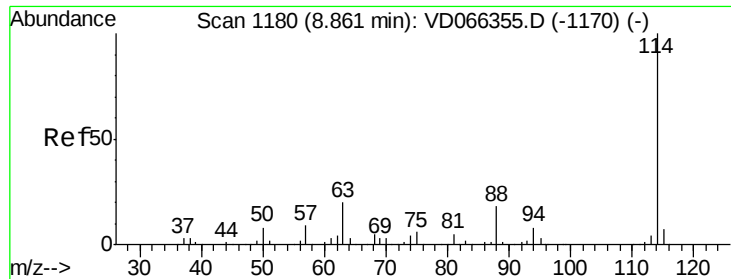
67 45.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

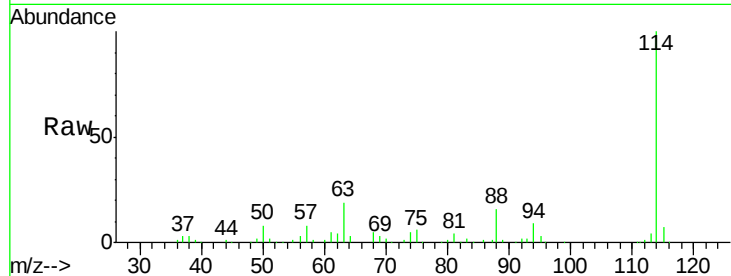




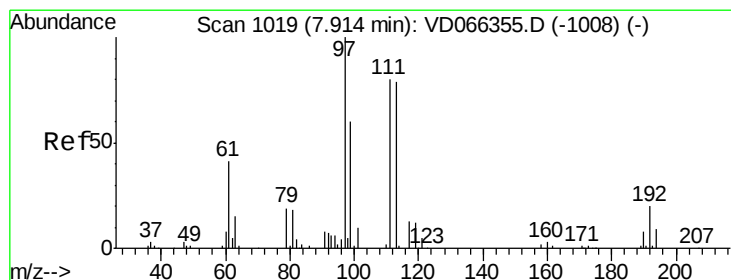
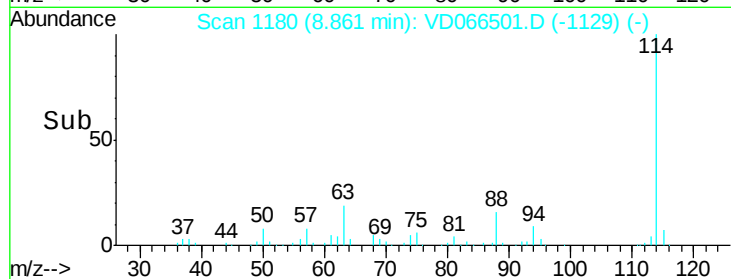
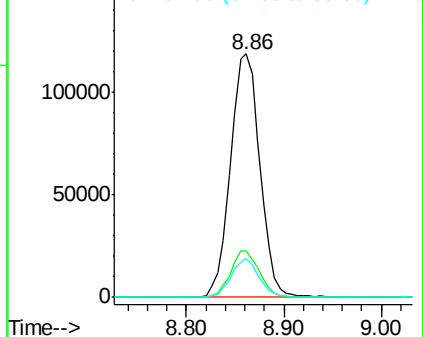
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066501.D
 Acq: 01 Sep 2020 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 11998

Tot Ion:114 Resp: 249684
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 15.8 0.0 35.4

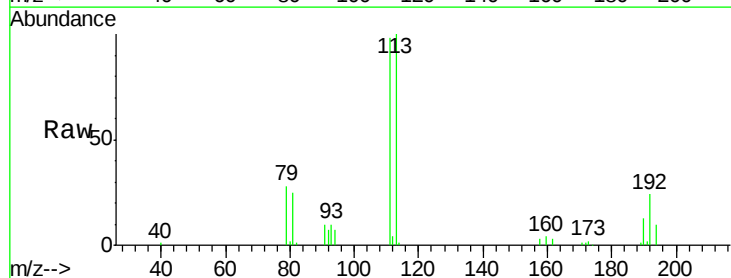


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

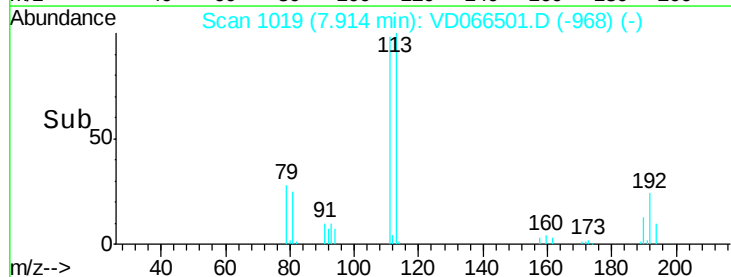
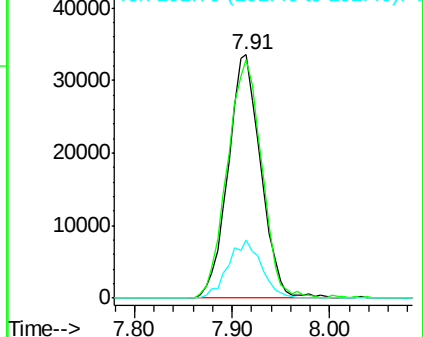


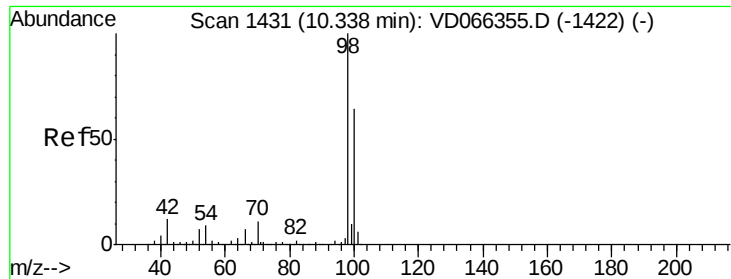
#35
 Dibromofluoromethane
 Concen: 49.755 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066501.D
 Acq: 01 Sep 2020 17:34

Tgt Ion:113 Resp: 77683
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.3 120.5
 192 24.2 19.0 28.6



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: 51.749 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066501.D

Acq: 01 Sep 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

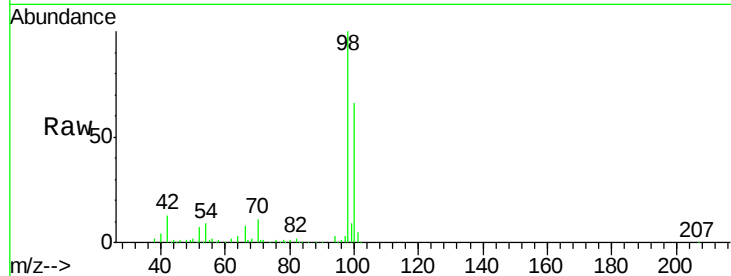
11998

Tot Ion: 98 Resp: 295619

Ion Ratio Lower Upper

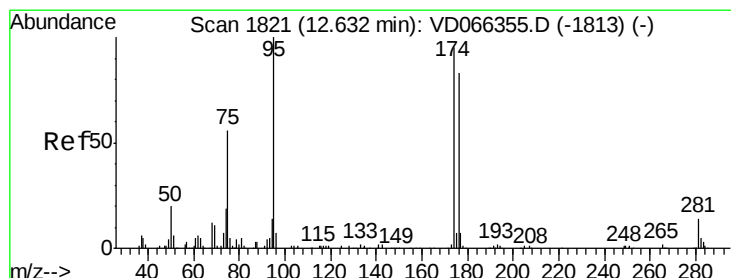
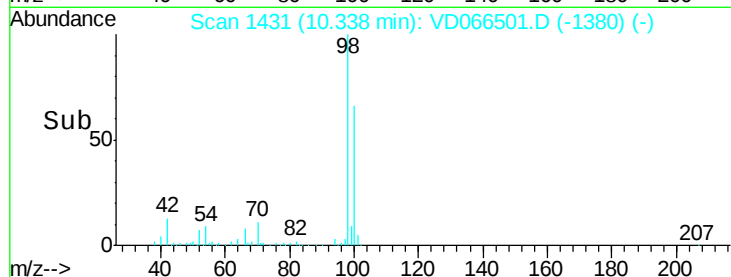
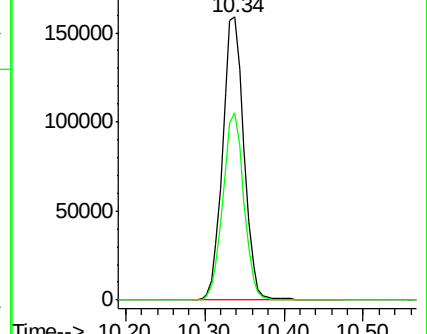
98 100

100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 52.494 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066501.D

Acq: 01 Sep 2020 17:34

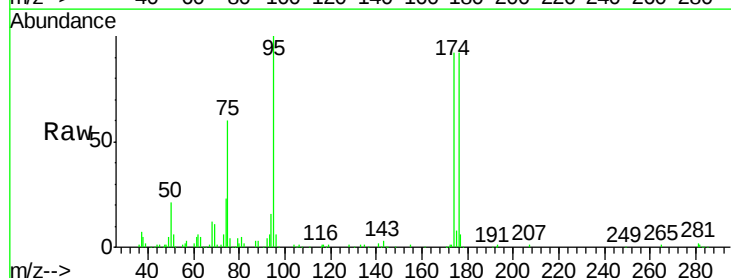
Tgt Ion: 95 Resp: 106408

Ion Ratio Lower Upper

95 100

174 97.2 0.0 183.4

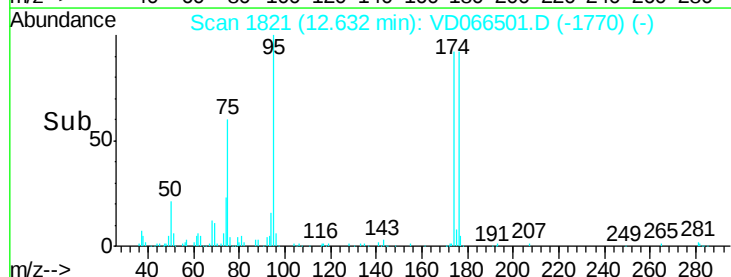
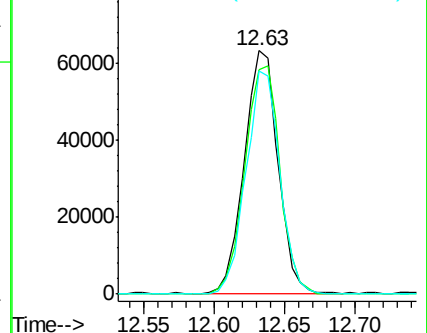
176 91.6 0.0 173.8

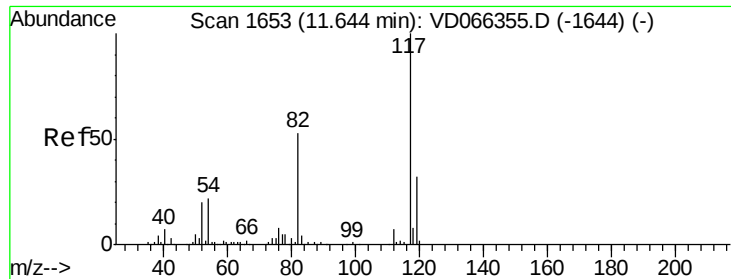


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

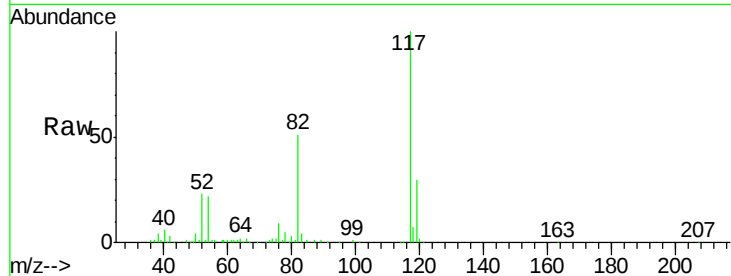




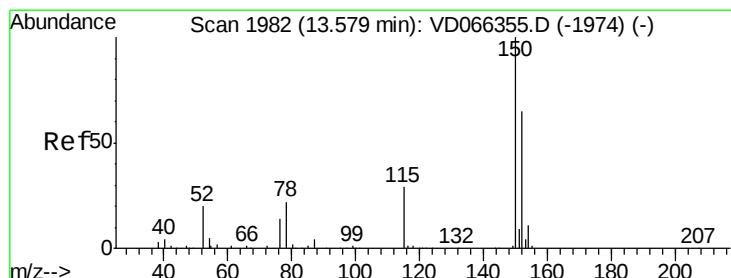
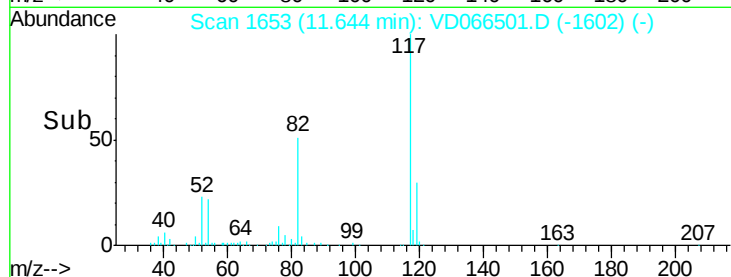
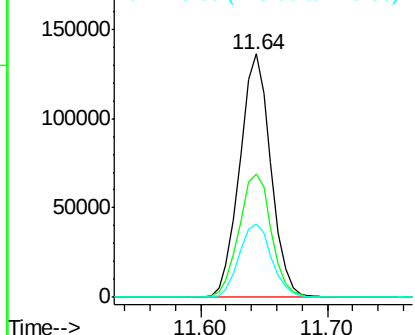
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066501.D
Acq: 01 Sep 2020 17:34

Instrument :
MSVOA_D
ClientSampleId :
11998

Tot Ion:117 Resp: 231762
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 30.2 25.8 38.8

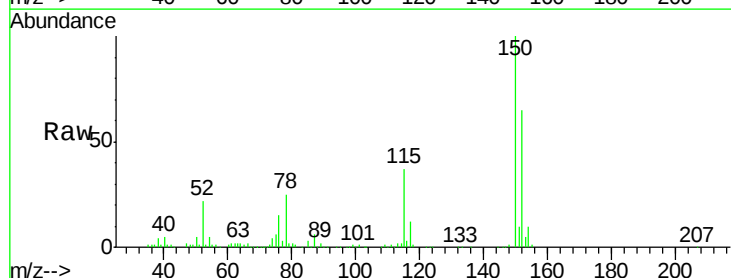


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066501.D
Acq: 01 Sep 2020 17:34

Tgt Ion:152 Resp: 123697
Ion Ratio Lower Upper
152 100
115 59.1 28.3 85.0
150 158.3 0.0 343.2



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

