

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058025.D
 Acq On : 8 Jun 2018 18:38
 Operator : VA/AP
 Sample : J3240-01
 Misc : 5.68g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-060718

Quant Time: Jun 09 00:56:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	633363	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	824691	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	589490	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	231976	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	377780	59.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.32%	
35) Dibromofluoromethane	5.54	113	396919	62.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.42%	
50) Toluene-d8	8.70	98	736647	48.56	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.93	95	286247	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	

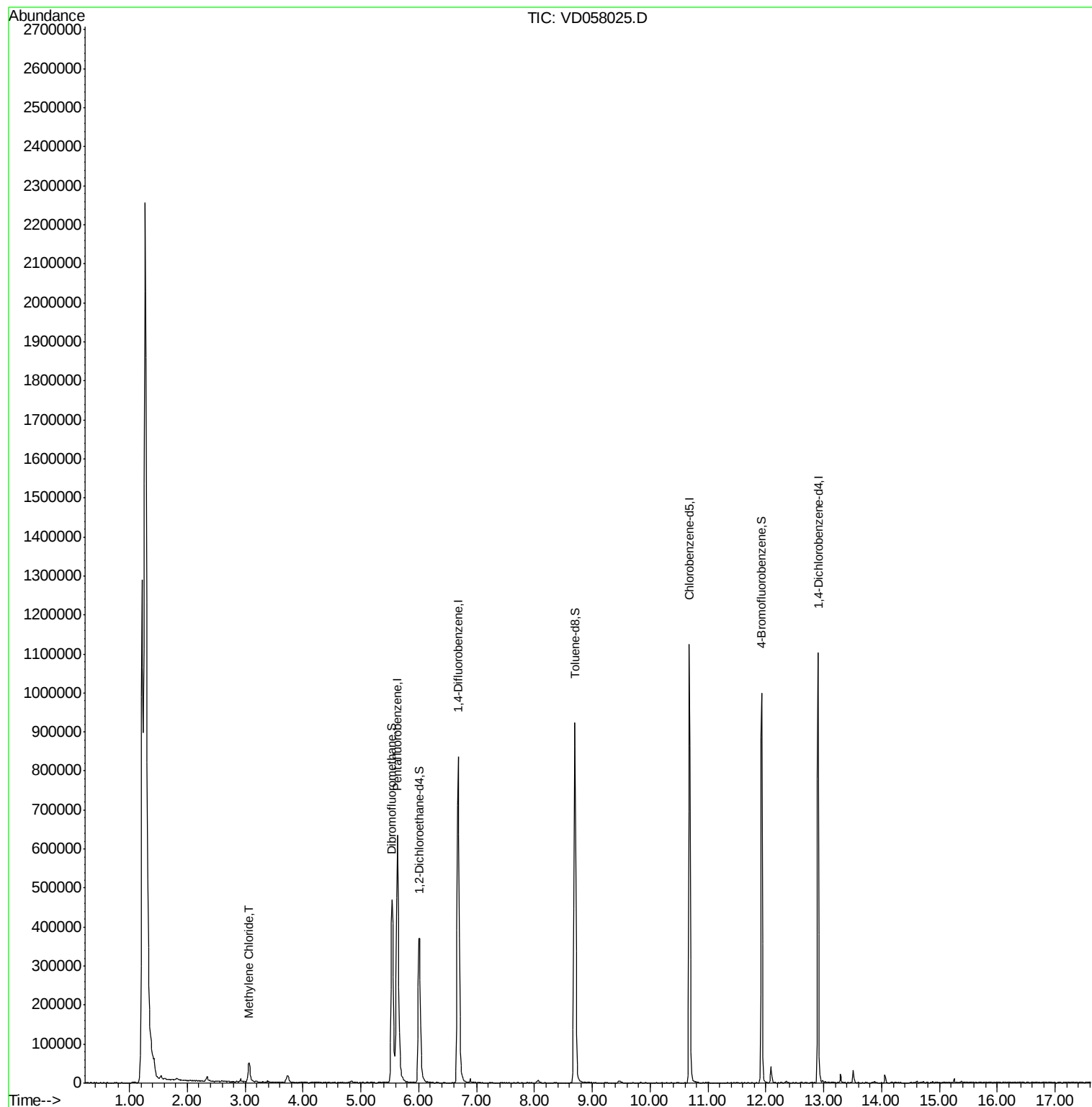
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	24712	4.05	ug/l	93

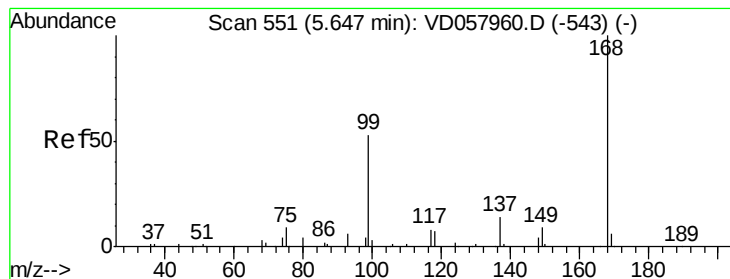
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058025.D

Acq: 8 Jun 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

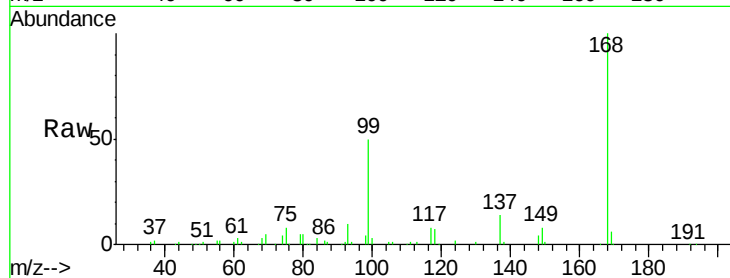
BU-02-060718

Tot Ion:168 Resp: 633363

Ion Ratio Lower Upper

168 100

99 50.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

250000

200000

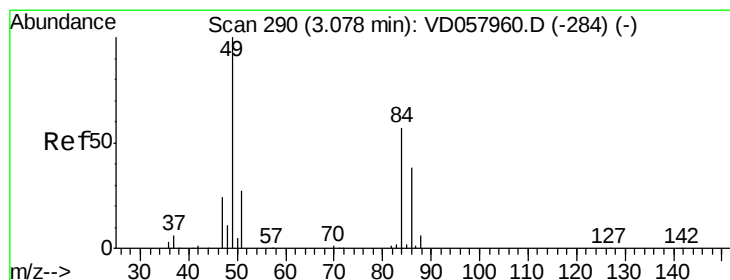
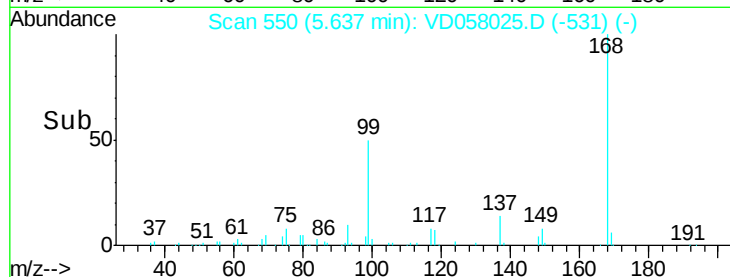
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.05 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD058025.D

Acq: 8 Jun 2018 18:38

Tgt Ion: 84 Resp: 24712

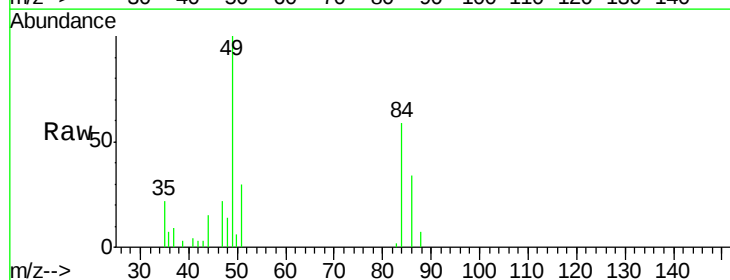
Ion Ratio Lower Upper

84 100

49 168.2 141.4 212.0

51 50.8 38.3 57.5

86 57.7 52.9 79.3



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

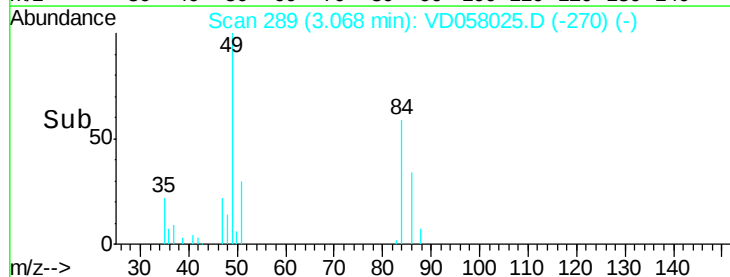
15000

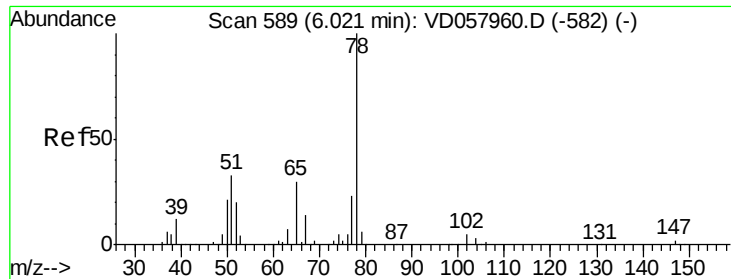
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5000

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Time-->

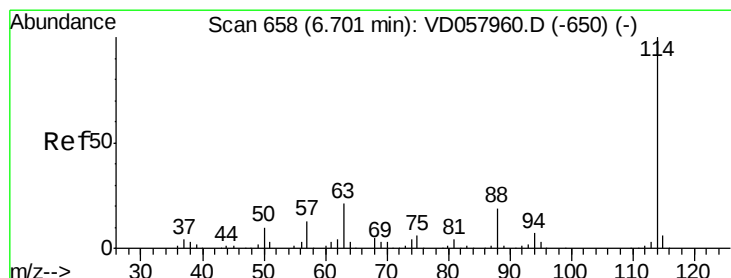
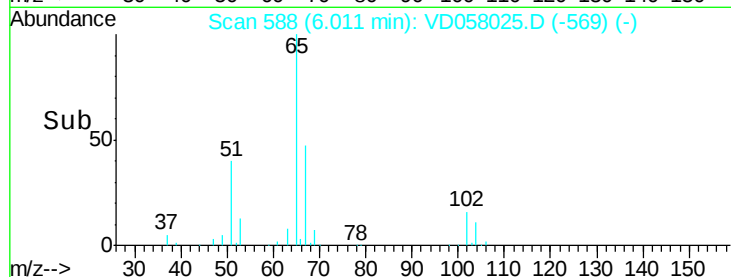
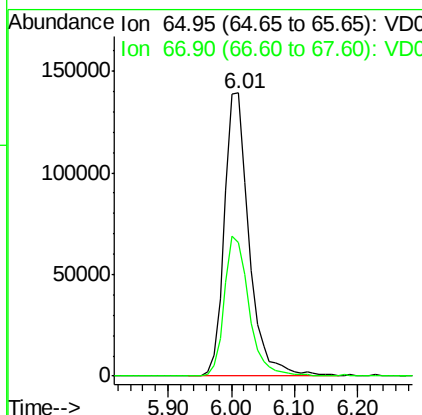
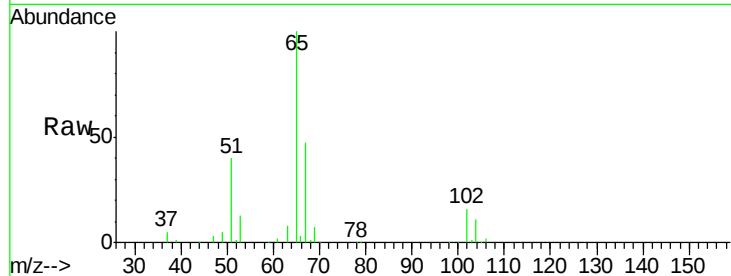




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: VD058025.D
 Acq: 8 Jun 2018 18:38

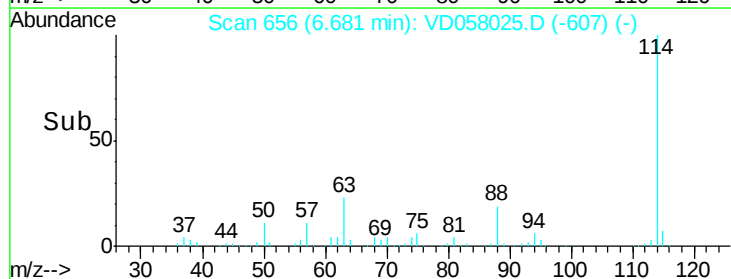
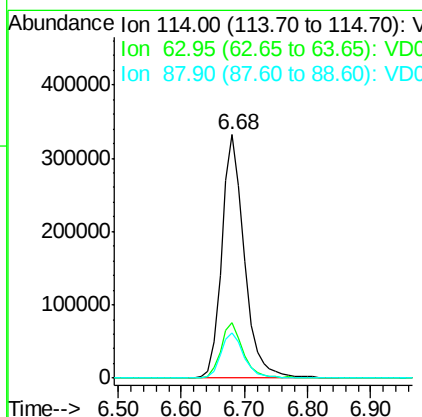
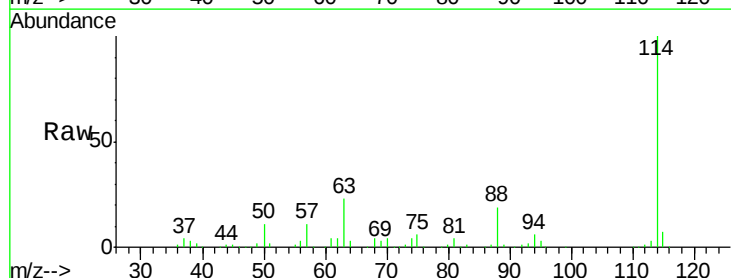
Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-060718

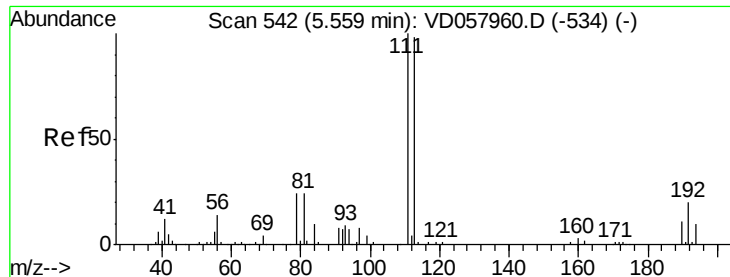
Tot Ion: 65 Resp: 377780
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058025.D
 Acq: 8 Jun 2018 18:38

Tgt Ion: 114 Resp: 824691
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.8
 88 18.7 0.0 37.8

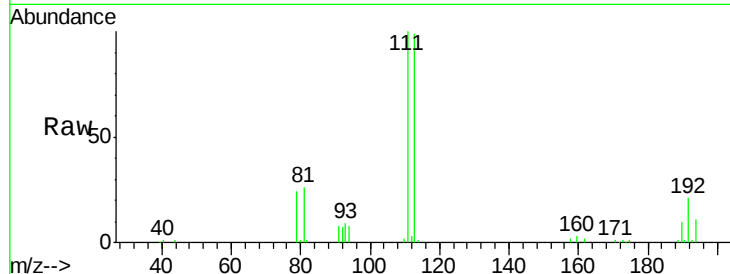




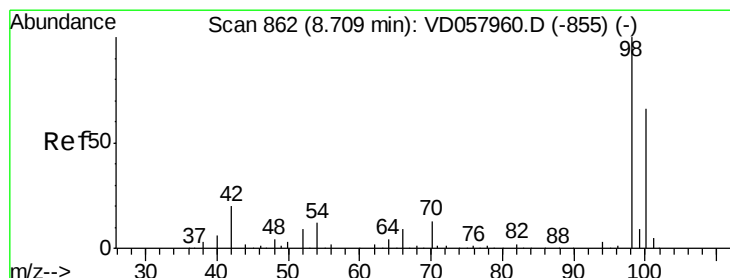
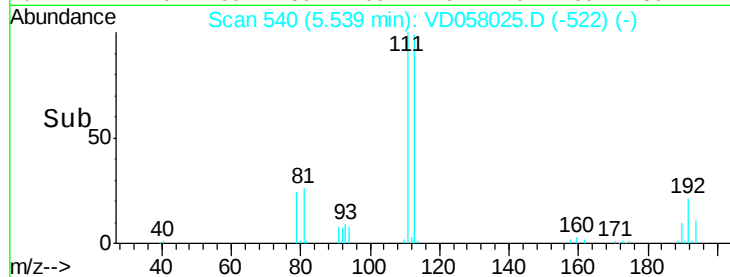
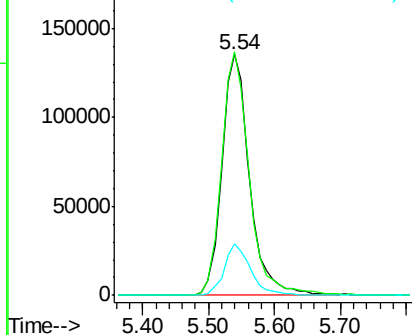
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058025.D
Acq: 8 Jun 2018 18:38

Instrument :
MSVOA_D
ClientSampleId :
BU-02-060718

Tot Ion:113 Resp: 396919
Ion Ratio Lower Upper
113 100
111 101.0 81.5 122.3
192 21.4 16.4 24.6

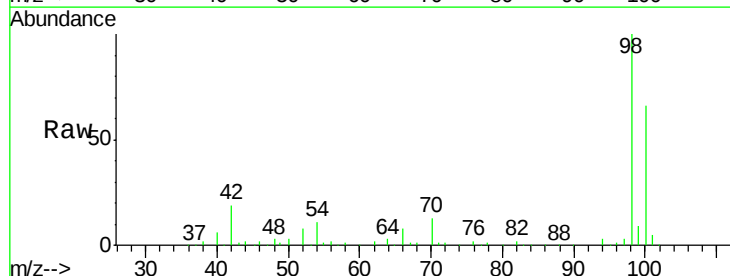


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

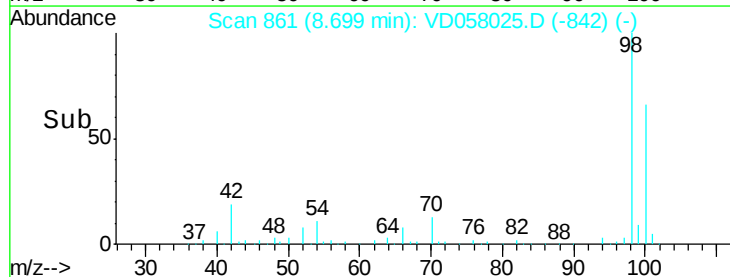
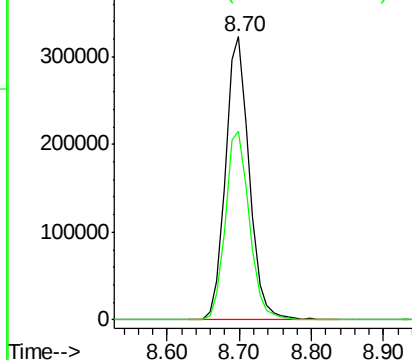


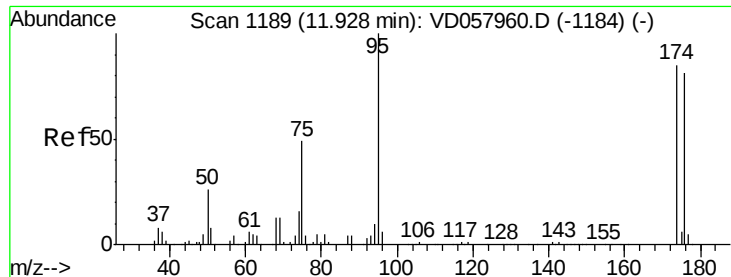
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058025.D
Acq: 8 Jun 2018 18:38

Tgt Ion: 98 Resp: 736647
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058025.D

Acq: 8 Jun 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

BU-02-060718

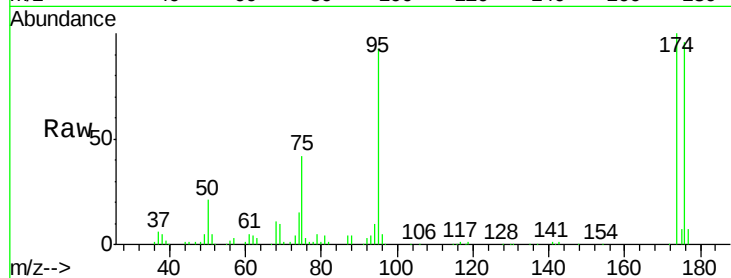
Tot Ion: 95 Resp: 286247

Ion Ratio Lower Upper

95 100

174 107.3 0.0 169.4

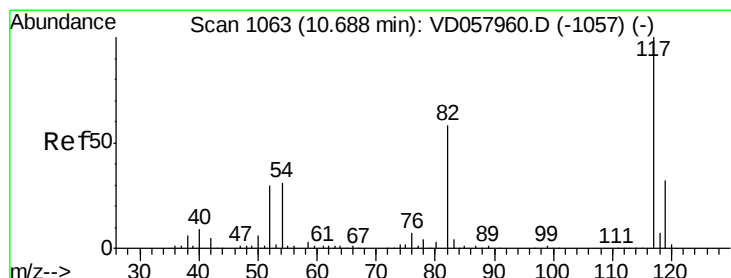
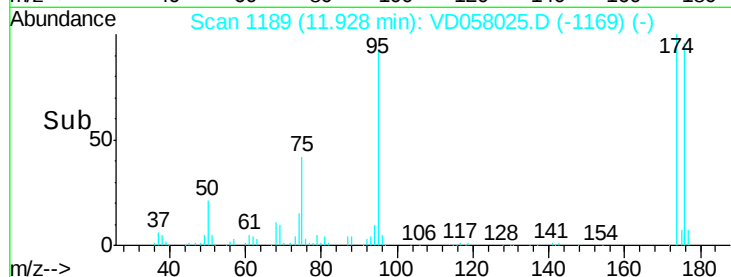
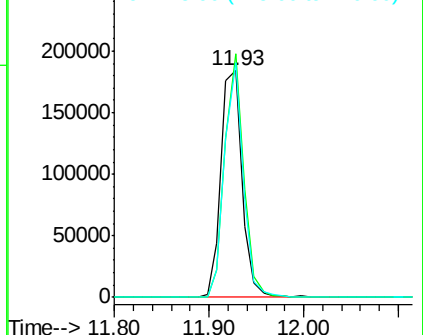
176 103.4 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058025.D

Acq: 8 Jun 2018 18:38

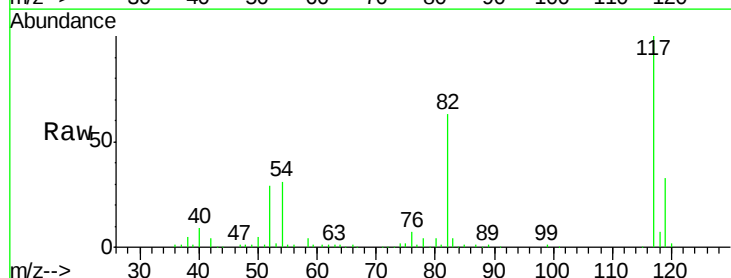
Tgt Ion: 117 Resp: 589490

Ion Ratio Lower Upper

117 100

82 63.4 46.8 70.2

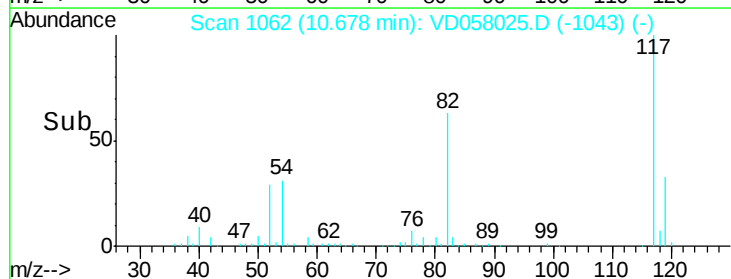
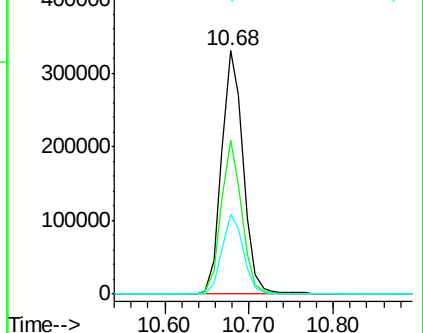
119 32.5 25.8 38.6

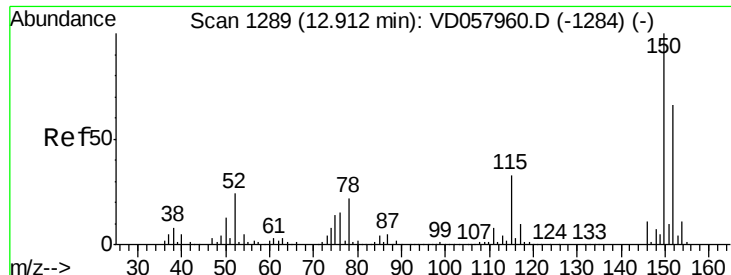


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058025.D

Acq: 8 Jun 2018 18:38

Instrument :

MSVOA_D

ClientSampleId :

BU-02-060718

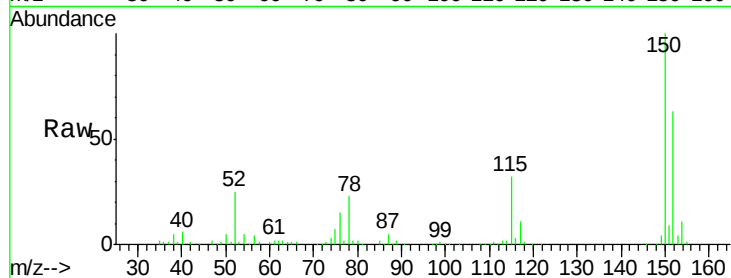
Tot Ion:152 Resp: 231976

Ion Ratio Lower Upper

152 100

115 51.3 25.6 76.6

150 157.9 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

