

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058245.D
 Acq On : 21 Jun 2018 9:46
 Operator : VA/AP
 Sample : J3603-21
 Misc : 4.62g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6

Quant Time: Jun 21 11:35:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

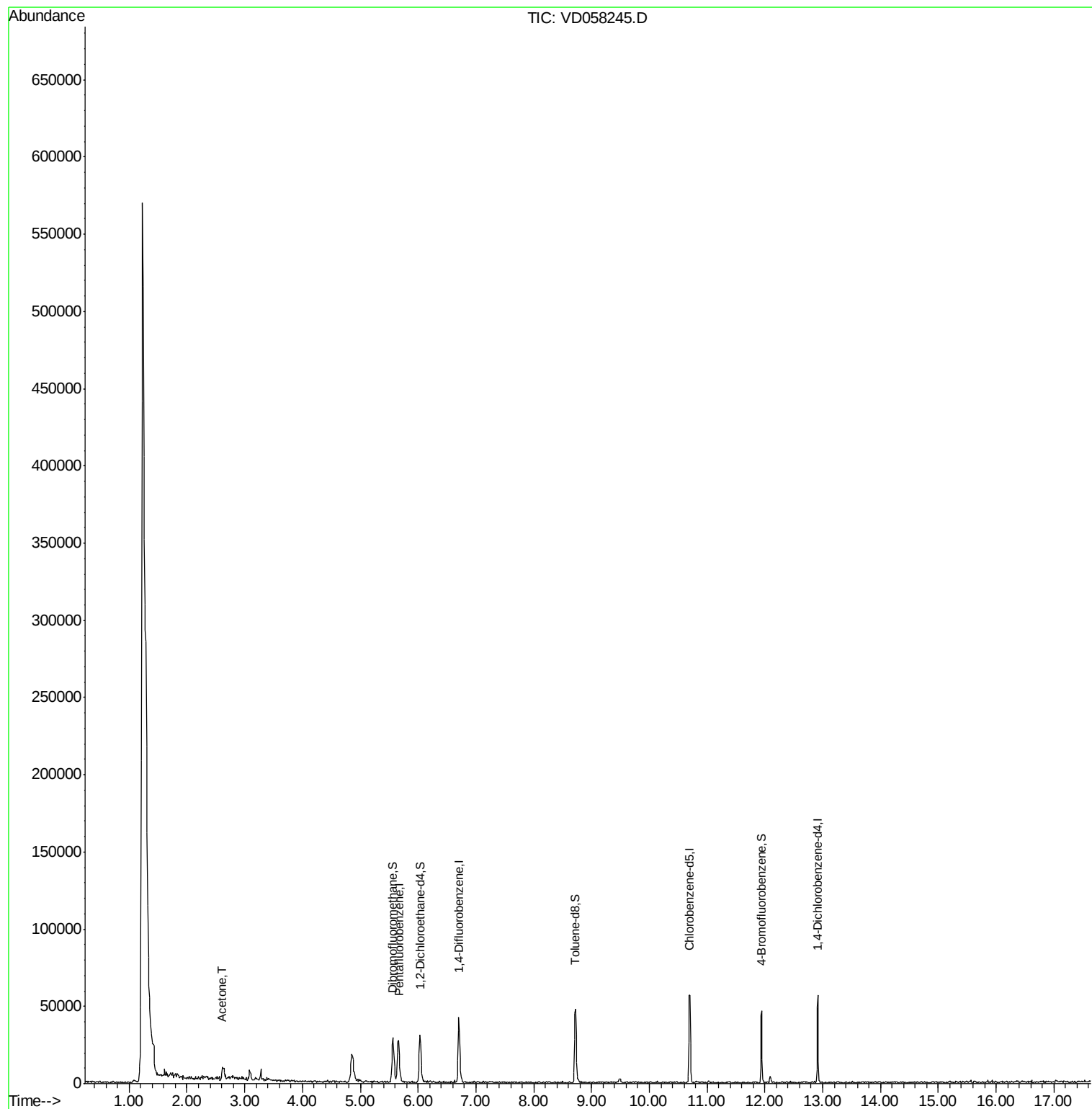
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	28440	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	41244	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	33095	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	14162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	29980	104.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	208.72%	
35) Dibromofluoromethane	5.56	113	23100	68.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	137.62%	
50) Toluene-d8	8.72	98	37349	45.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.94	95	14707	44.33	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	2.62	43	17182	437.36	ug/l	Qvalue 99

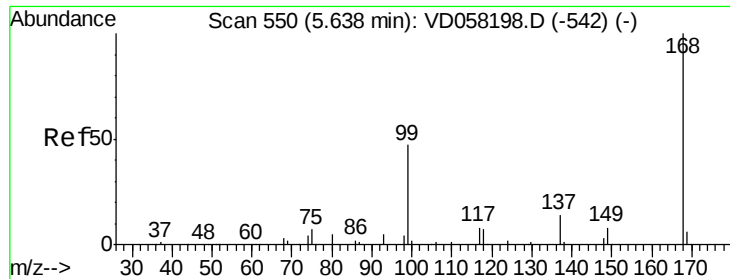
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058245.D

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Instrument :

MSVOA_D

ClientSampleId :

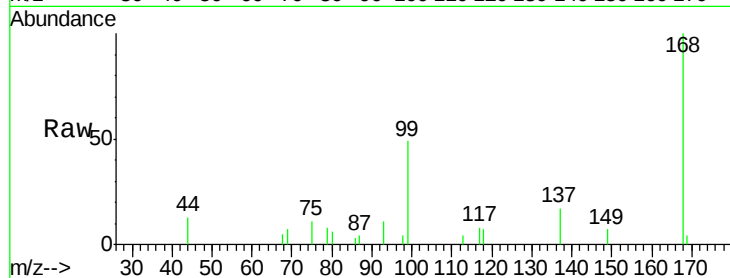
26KV-TP-6

Tot Ion:168 Resp: 28440

Ion Ratio Lower Upper

168 100

99 49.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

12000

10000

8000

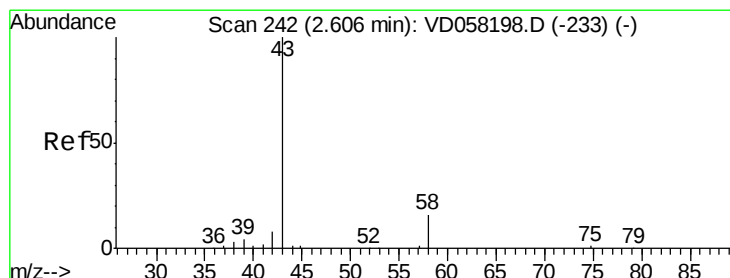
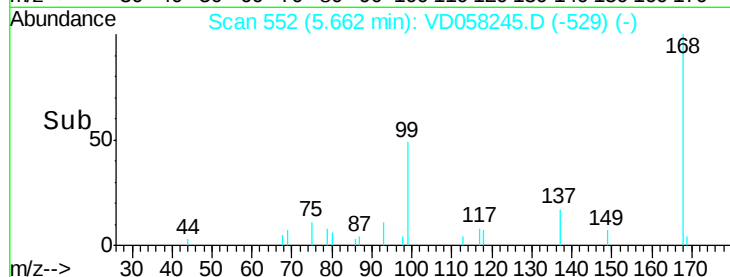
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 437.36 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058245.D

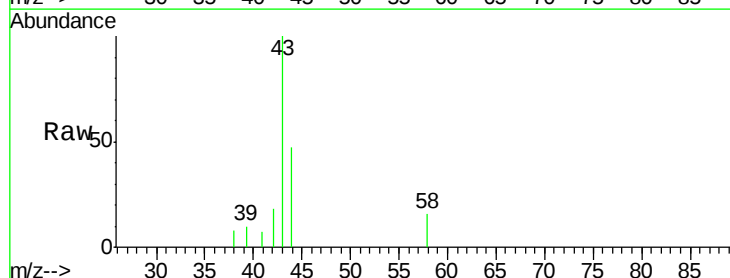
Acq: 21 Jun 2018 9:46

Tgt Ion: 43 Resp: 17182

Ion Ratio Lower Upper

43 100

58 16.3 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.62

5000

4000

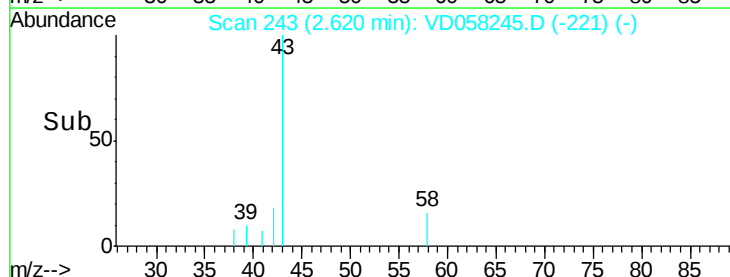
3000

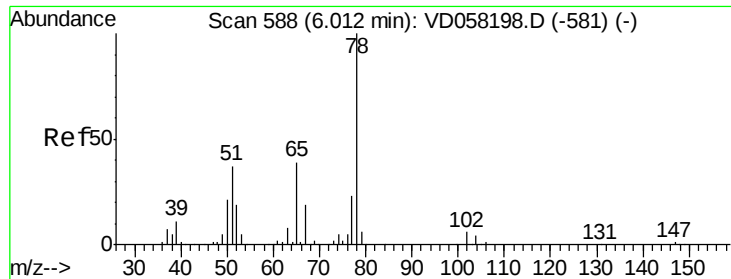
2000

1000

0

Time-->

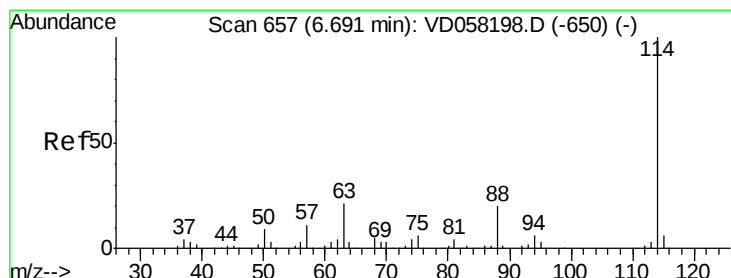
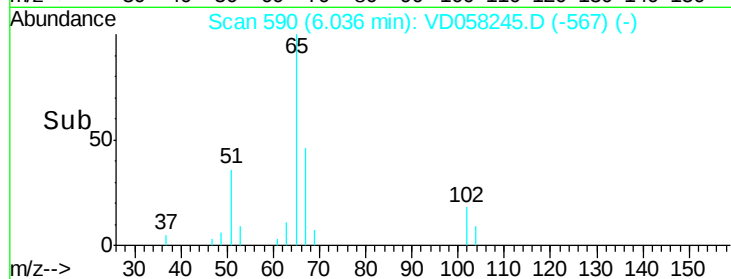
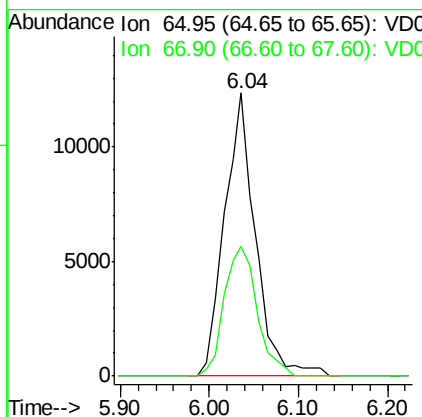
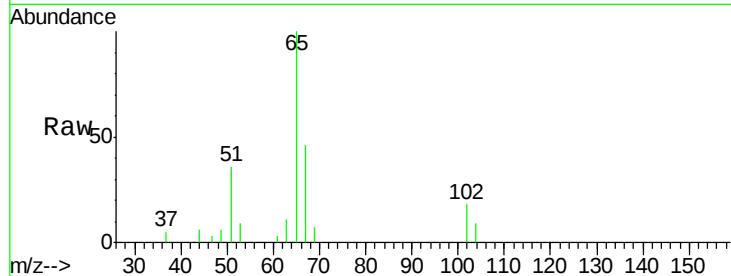




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.04 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058245.D
 Acq: 21 Jun 2018 9:46

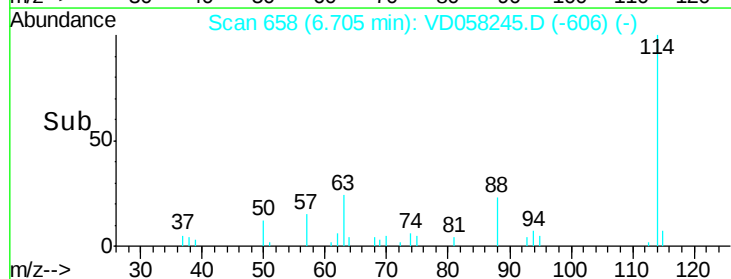
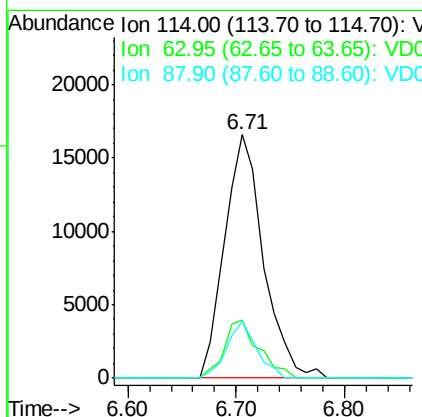
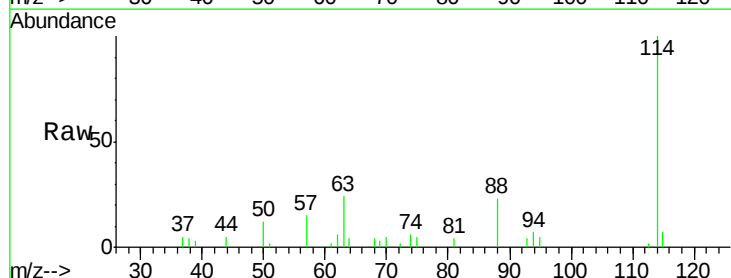
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6

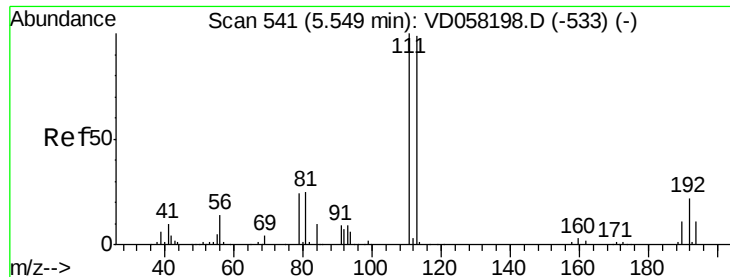
Tot Ion: 65 Resp: 29980
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058245.D
 Acq: 21 Jun 2018 9:46

Tgt Ion: 114 Resp: 41244
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 42.6
 88 23.4 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058245.D

Acq: 21 Jun 2018 9:46

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-6

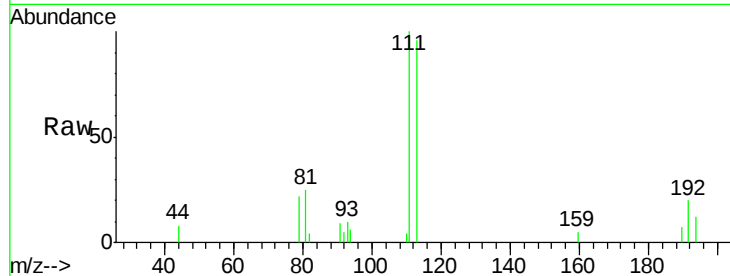
Tot Ion:113 Resp: 23100

Ion Ratio Lower Upper

113 100

111 104.1 80.6 121.0

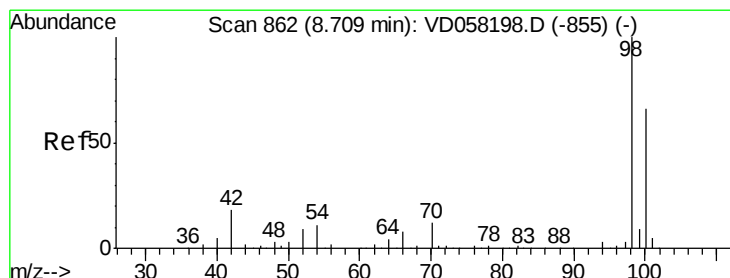
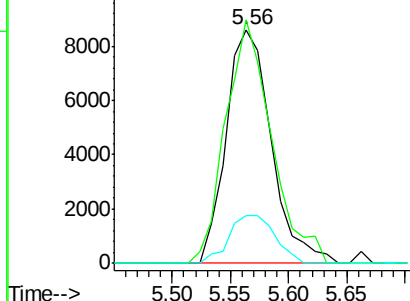
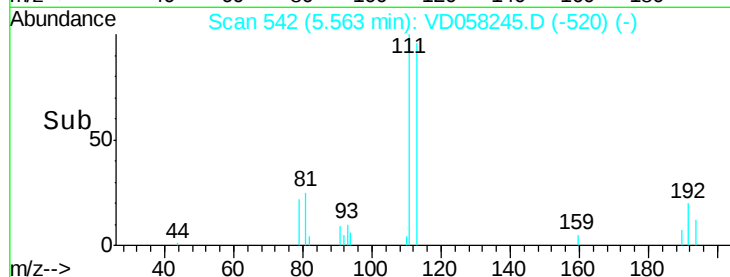
192 20.5 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058245.D

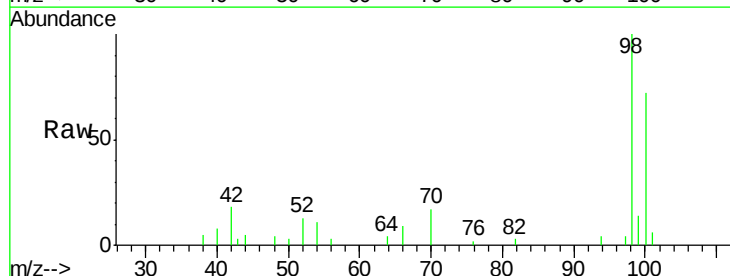
Acq: 21 Jun 2018 9:46

Tgt Ion: 98 Resp: 37349

Ion Ratio Lower Upper

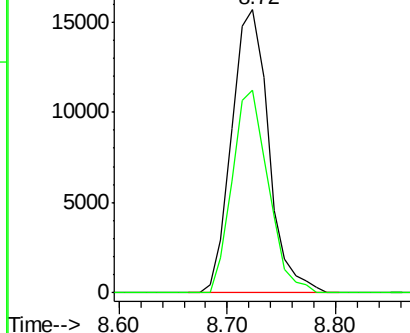
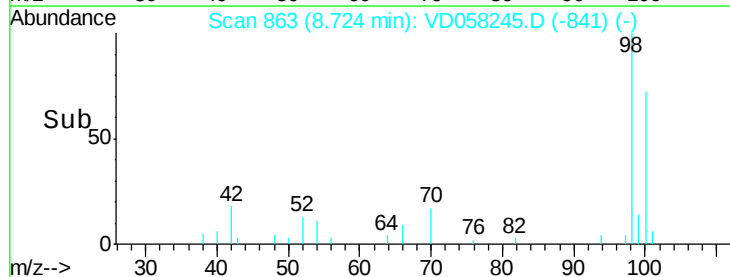
98 100

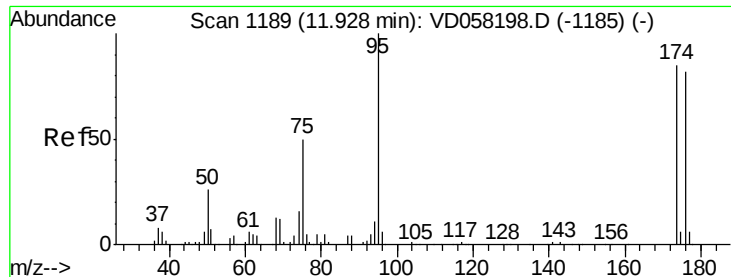
100 71.5 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058245.D

Acq: 21 Jun 2018 9:46

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-6

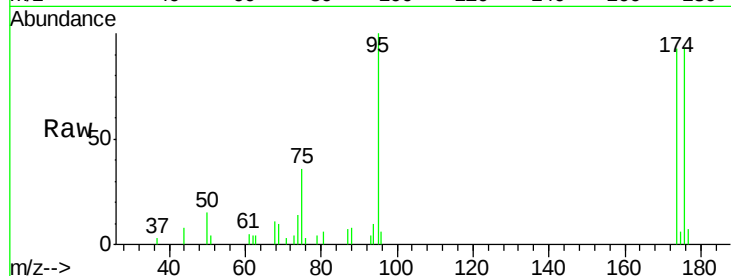
Tot Ion: 95 Resp: 14707

Ion Ratio Lower Upper

95 100

174 92.9 0.0 170.2

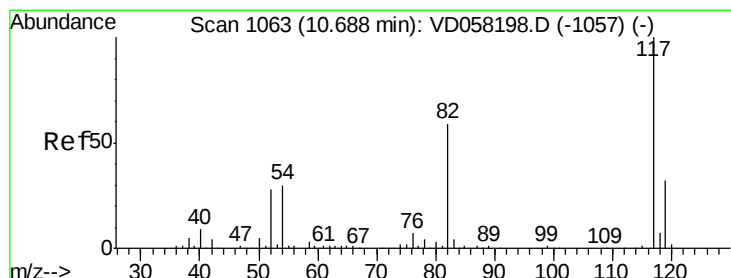
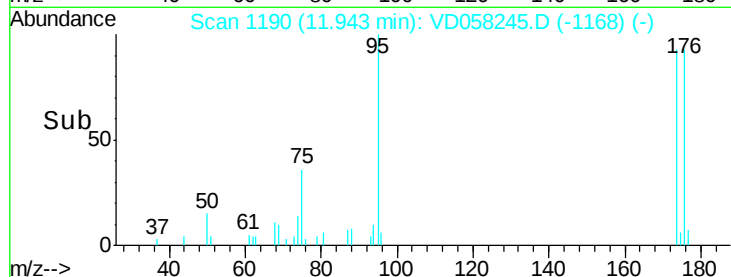
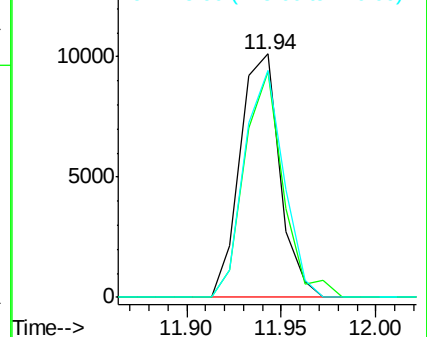
176 93.5 0.0 164.6



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: 10.70 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD058245.D

Acq: 21 Jun 2018 9:46

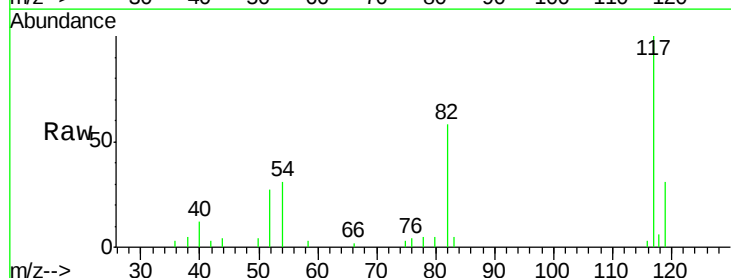
Tgt Ion: 117 Resp: 33095

Ion Ratio Lower Upper

117 100

82 57.5 47.0 70.6

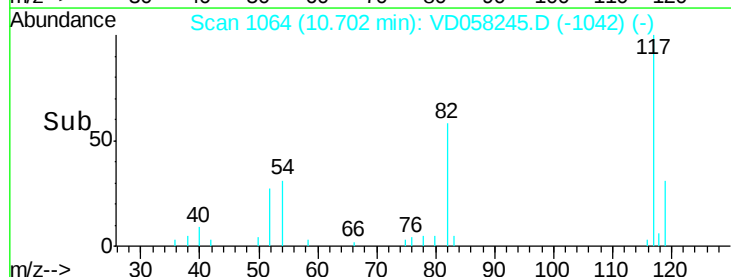
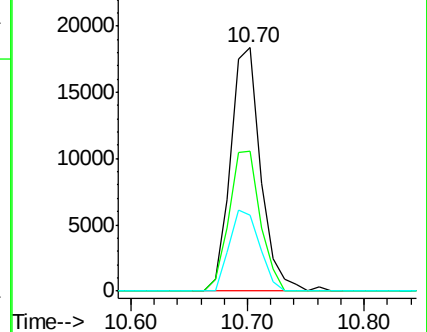
119 31.4 25.3 37.9

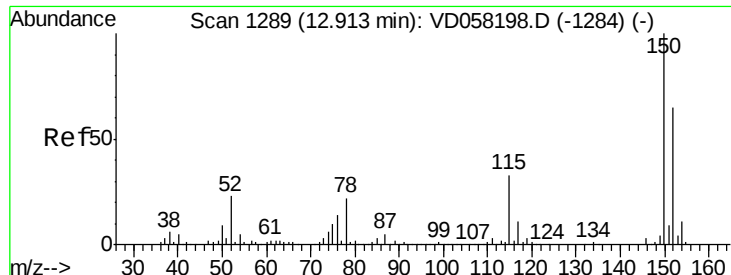


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

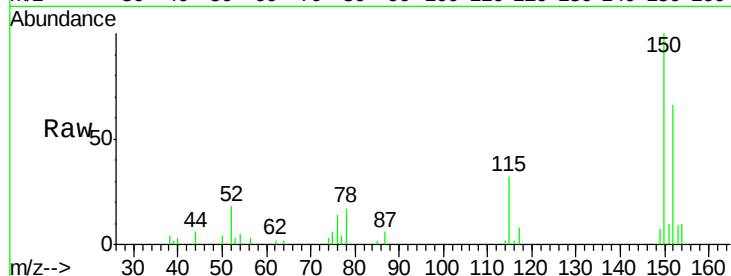




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.92 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD058245.D
 Acq: 21 Jun 2018 9:46

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-6

Tot Ion:152 Resp: 14162
 Ion Ratio Lower Upper
 152 100
 115 48.3 25.1 75.3
 150 151.1 0.0 308.8



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

