

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058258.D
 Acq On : 21 Jun 2018 17:56
 Operator : VA/AP
 Sample : J3598-01
 Misc : 5.45g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S73-9001

Quant Time: Jun 22 07:04:03 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

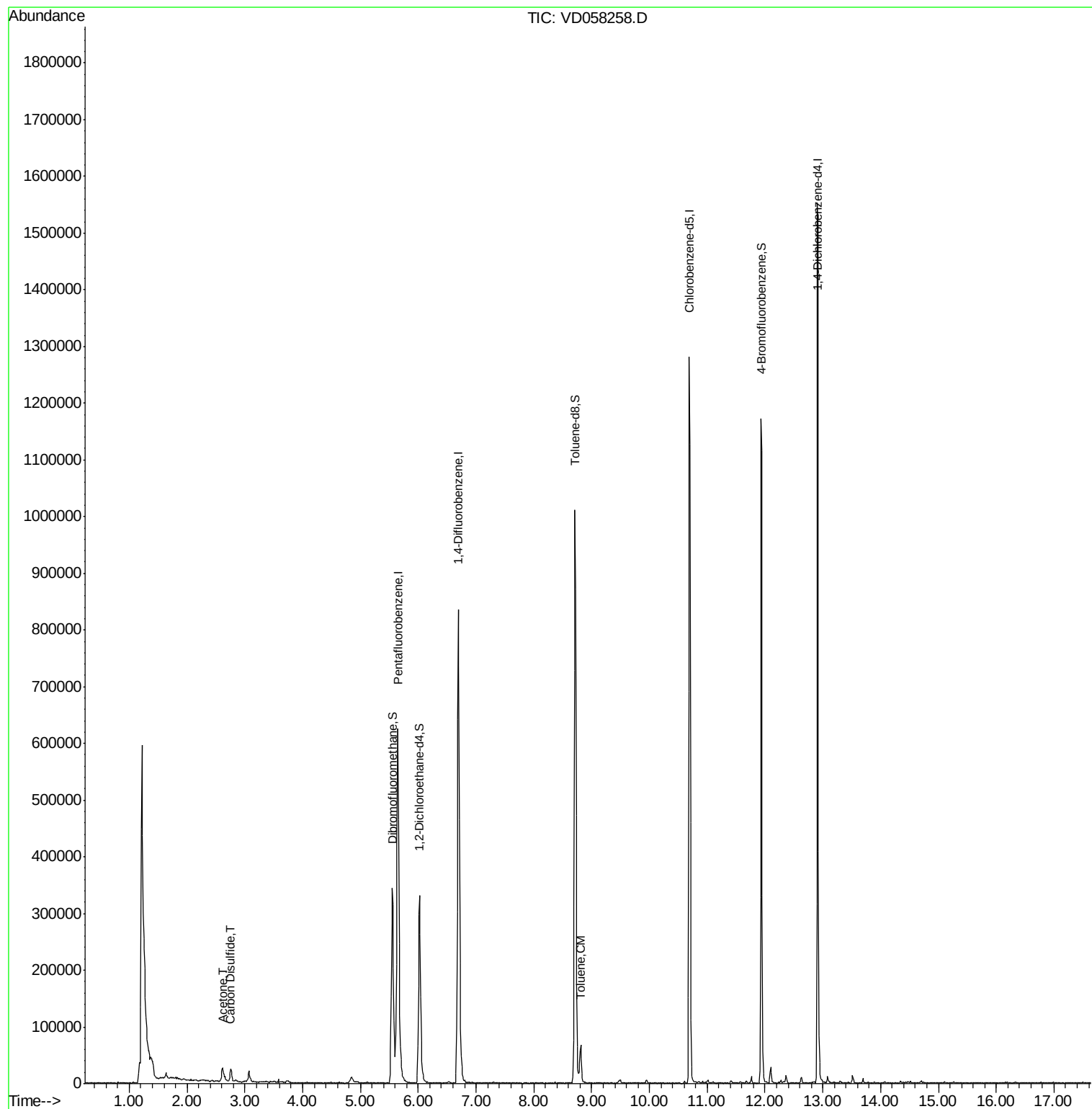
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	637490	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	849903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	699739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	373831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	331786	51.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	5.55	113	277294	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	
50) Toluene-d8	8.71	98	779675	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.93	95	328775	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	2.61	43	51020	57.94	ug/l	Qvalue 100
17) Carbon Disulfide	2.76	76	32386	4.35	ug/l	95
52) Toluene	8.81	92	31725	2.78	ug/l	93

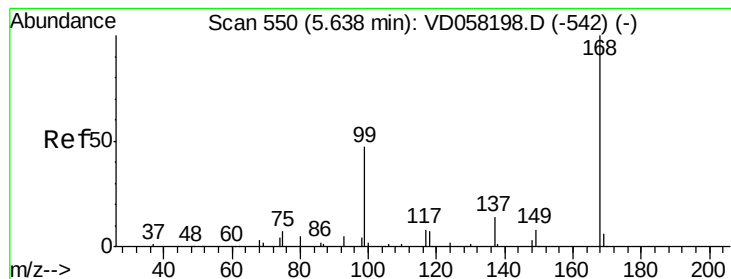
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

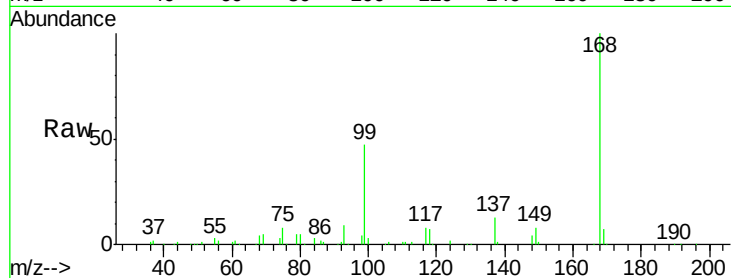
S73-9001

Tot Ion:168 Resp: 637490

Ion Ratio Lower Upper

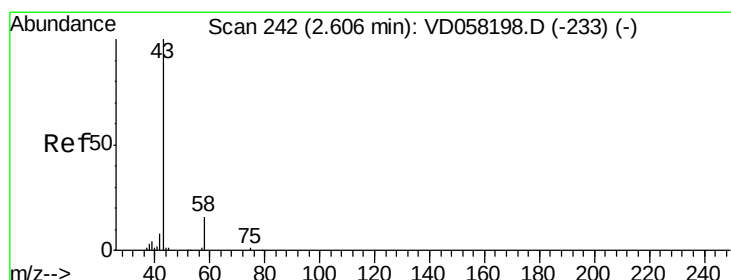
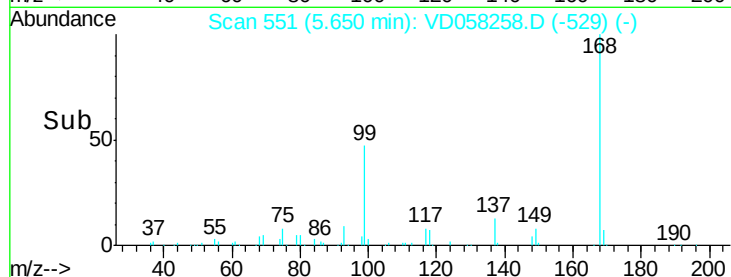
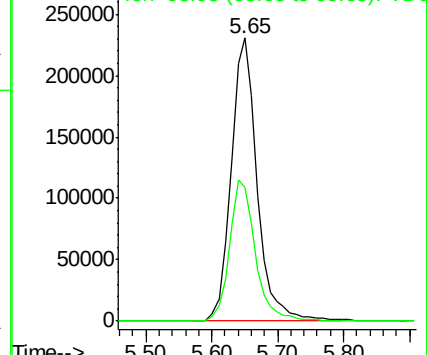
168 100

99 47.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 57.94 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058258.D

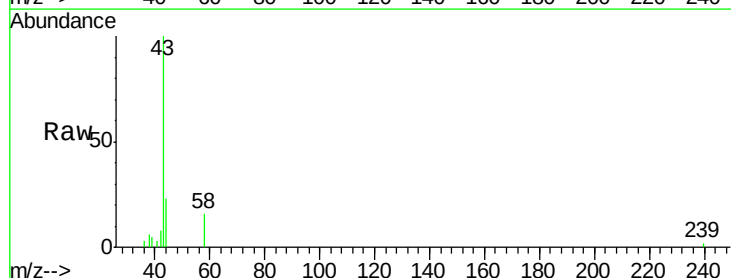
Acq: 21 Jun 2018 17:56

Tgt Ion: 43 Resp: 51020

Ion Ratio Lower Upper

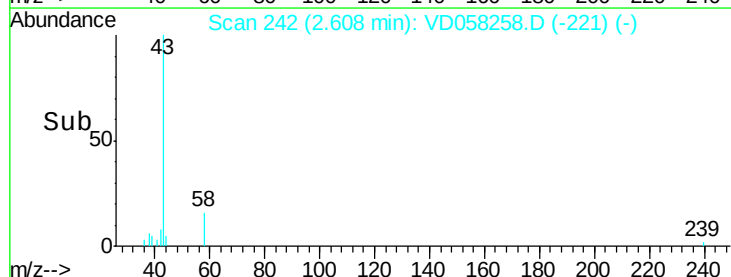
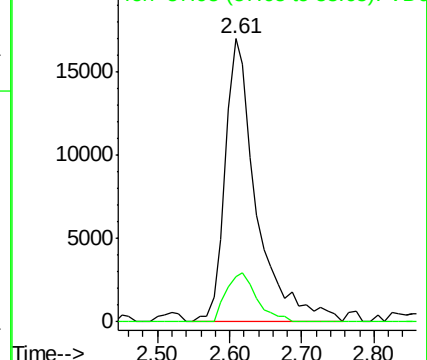
43 100

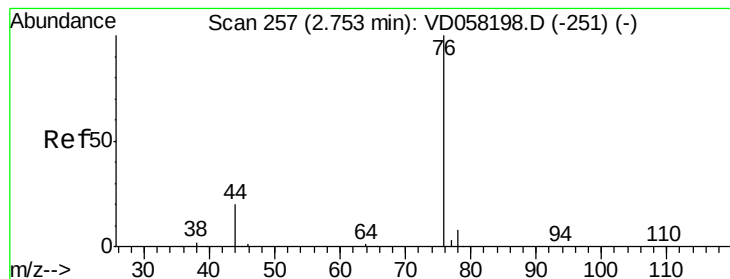
58 15.8 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 4.35 ug/l

RT: 2.76 min Scan# 257

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

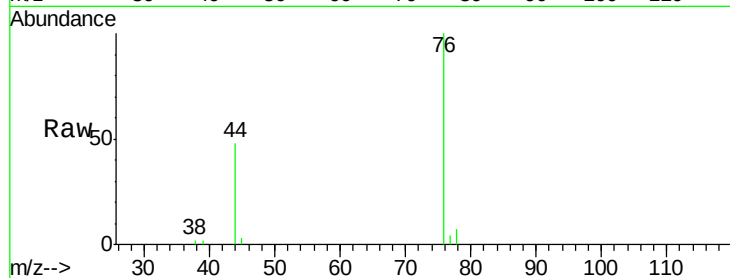
S73-9001

Tot Ion: 76 Resp: 32386

Ion Ratio Lower Upper

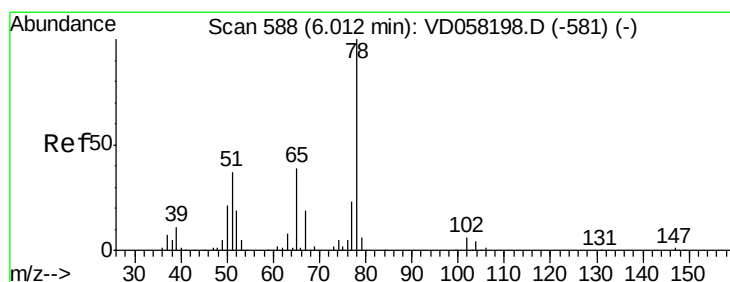
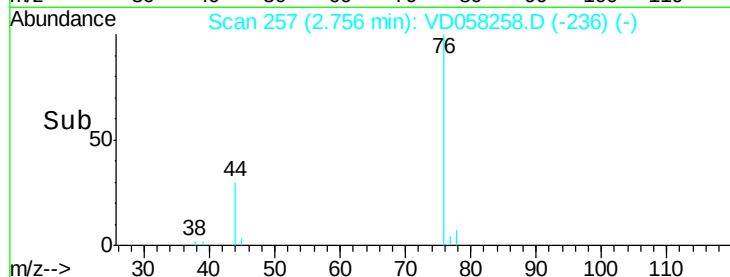
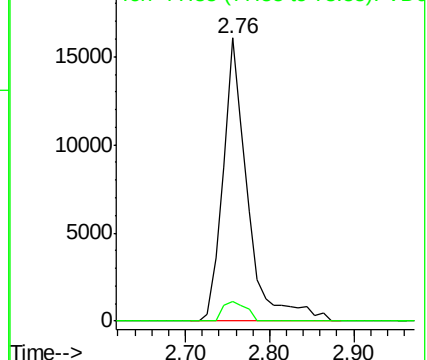
76 100

78 6.8 6.8 10.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058258.D

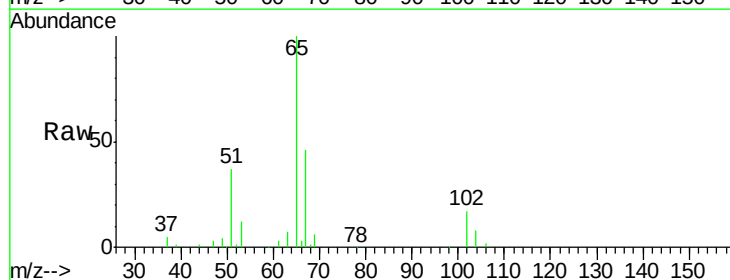
Acq: 21 Jun 2018 17:56

Tgt Ion: 65 Resp: 331786

Ion Ratio Lower Upper

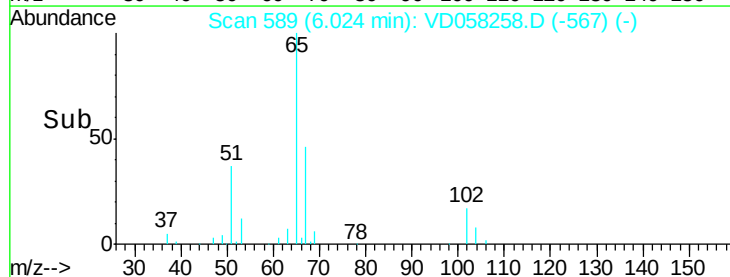
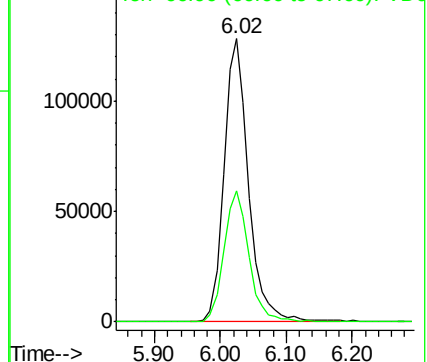
65 100

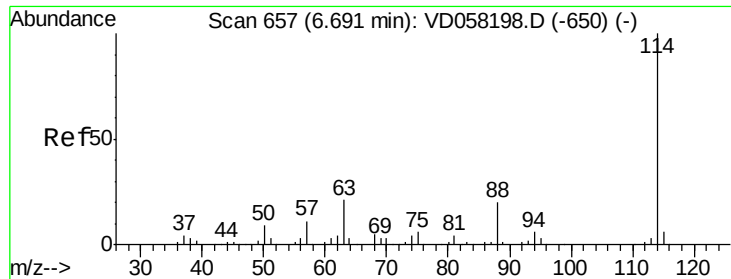
67 46.3 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

S73-9001

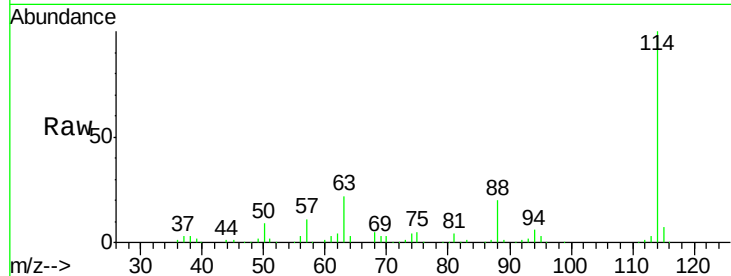
Tot Ion:114 Resp: 849903

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

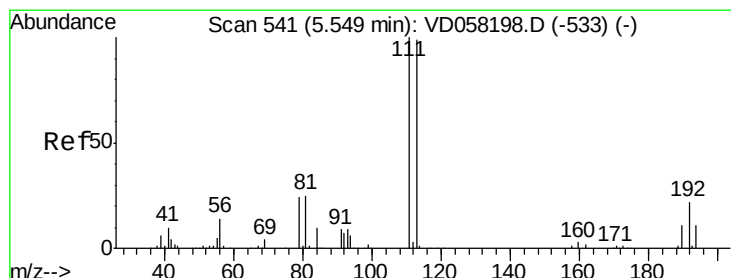
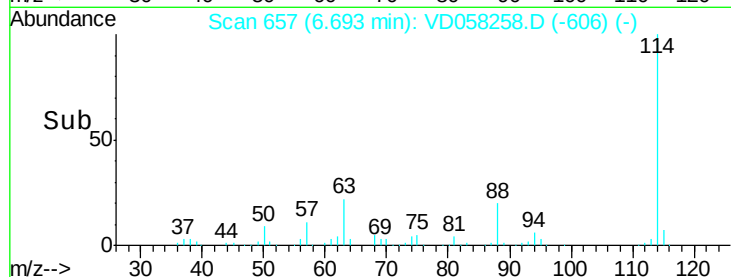
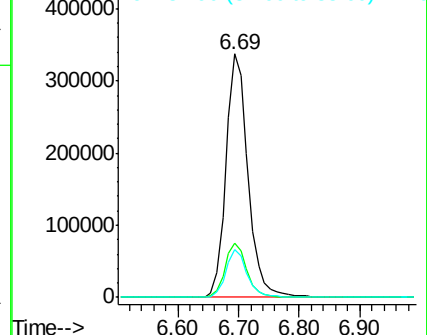
88 19.6 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

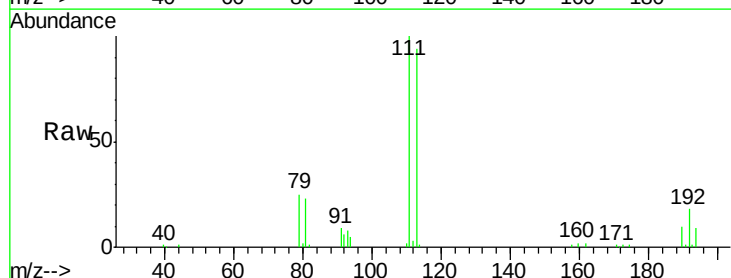
Tgt Ion:113 Resp: 277294

Ion Ratio Lower Upper

113 100

111 106.2 80.6 121.0

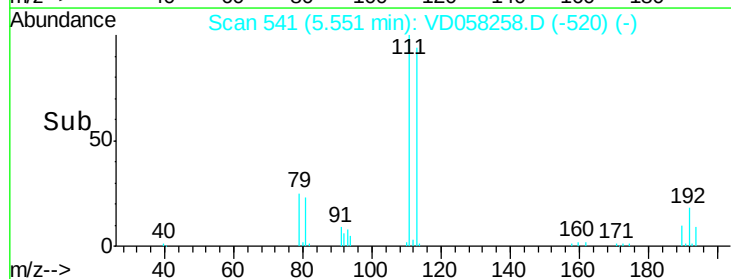
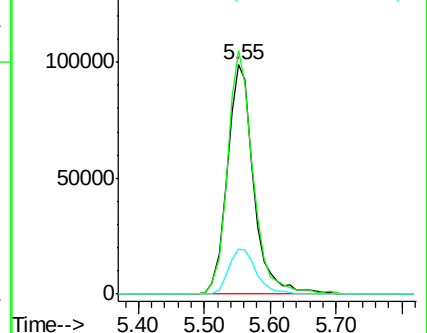
192 19.5 17.8 26.6

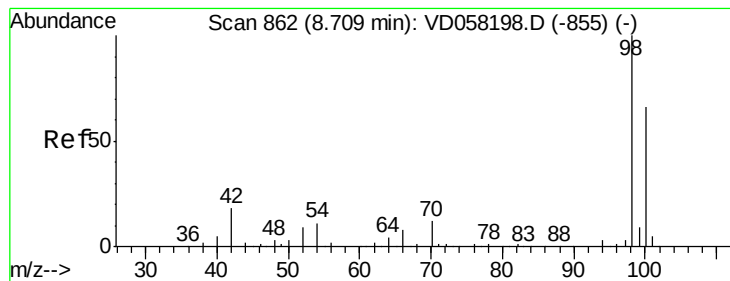


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

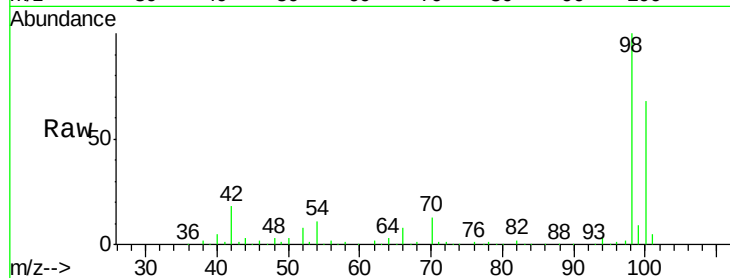
S73-9001

Tot Ion: 98 Resp: 779675

Ion Ratio Lower Upper

98 100

100 68.4 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

8.71

400000

300000

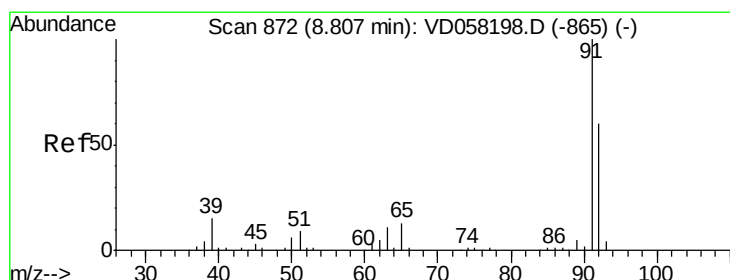
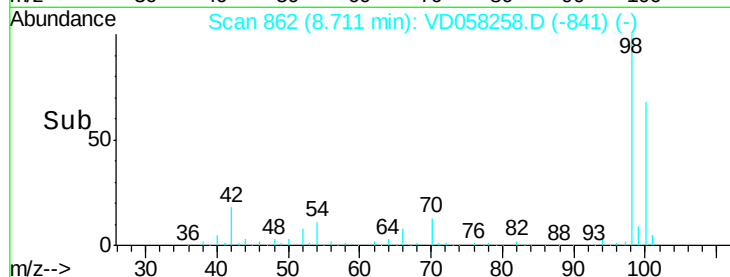
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#52

Toluene

Concen: 2.78 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD058258.D

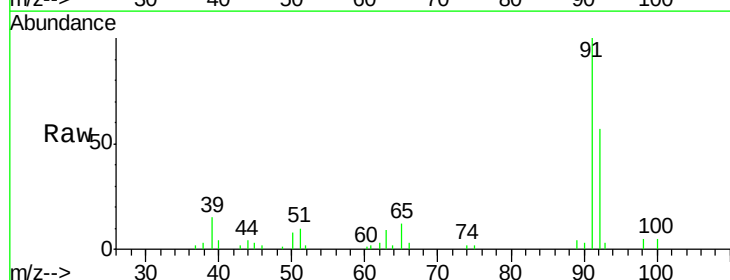
Acq: 21 Jun 2018 17:56

Tgt Ion: 92 Resp: 31725

Ion Ratio Lower Upper

92 100

91 175.3 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VD058198.D (-865) (-)

Ion 91.00 (90.70 to 91.70): VD058198.D (-865) (-)

8.81

30000

25000

20000

15000

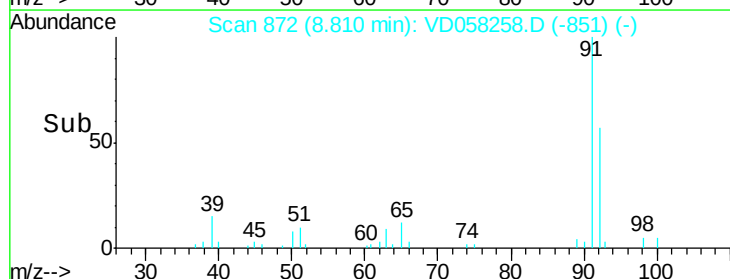
10000

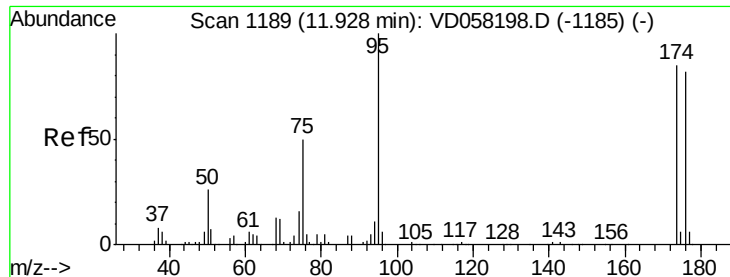
5000

0

8.75 8.80 8.85 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

Instrument :

MSVOA_D

ClientSampleId :

S73-9001

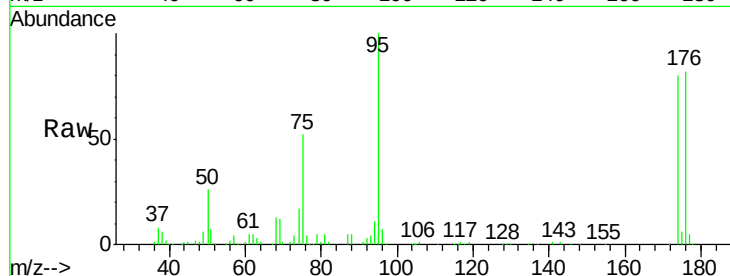
Tot Ion: 95 Resp: 328775

Ion Ratio Lower Upper

95 100

174 80.4 0.0 170.2

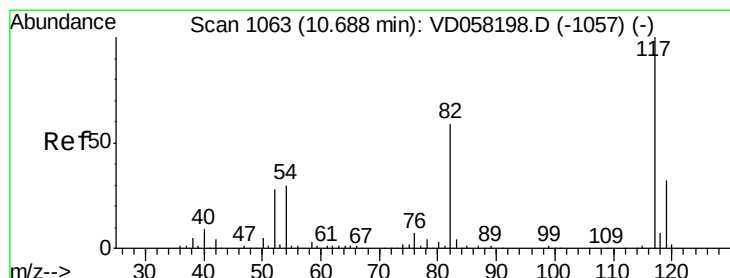
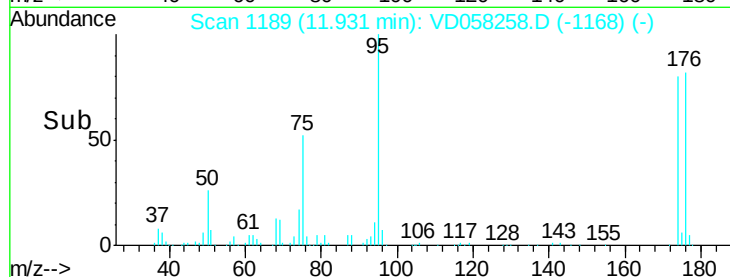
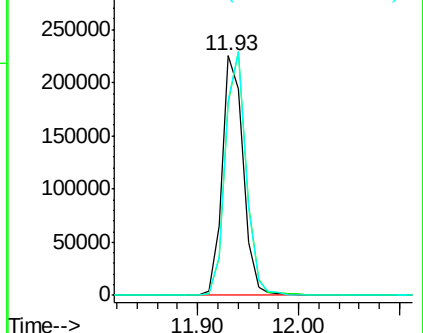
176 81.6 0.0 164.6



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: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

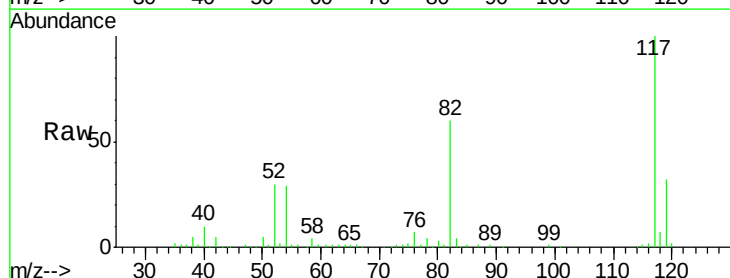
Tgt Ion: 117 Resp: 699739

Ion Ratio Lower Upper

117 100

82 60.3 47.0 70.6

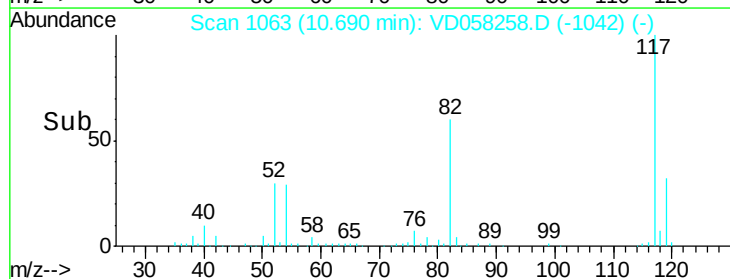
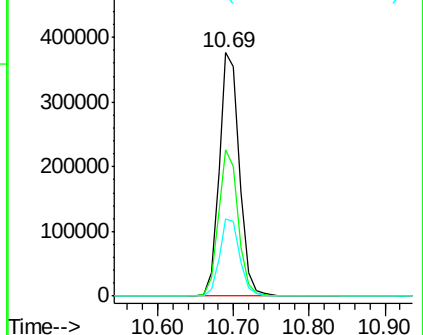
119 31.7 25.3 37.9

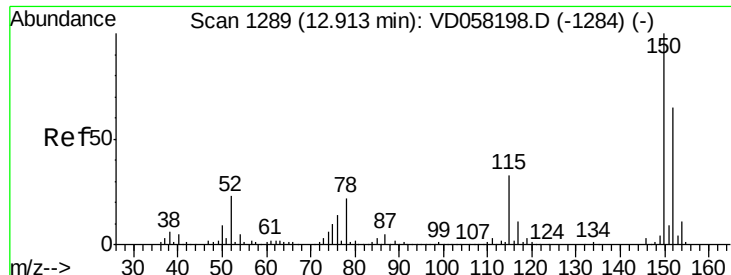


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058258.D

Acq: 21 Jun 2018 17:56

Instrument :

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ClientSampleId :

S73-9001

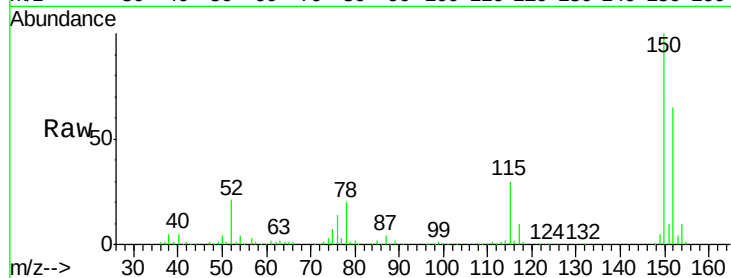
Tot Ion:152 Resp: 373831

Ion Ratio Lower Upper

152 100

115 46.8 25.1 75.3

150 154.9 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

