

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058263.D
 Acq On : 21 Jun 2018 20:18
 Operator : VA/AP
 Sample : J3603-13RE
 Misc : 4.80g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-10RE

Quant Time: Jun 22 07:16:27 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	419639	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	540657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	257854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	40190	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	267962	63.22	ug/l	0.01
Spiked Amount			Recovery	=	126.44%	
35) Dibromofluoromethane	5.55	113	286773	65.17	ug/l	0.00
Spiked Amount			Recovery	=	130.34%	
50) Toluene-d8	8.71	98	505980	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.93	95	80845	18.59	ug/l	0.00
Spiked Amount			Recovery	=	37.18%	

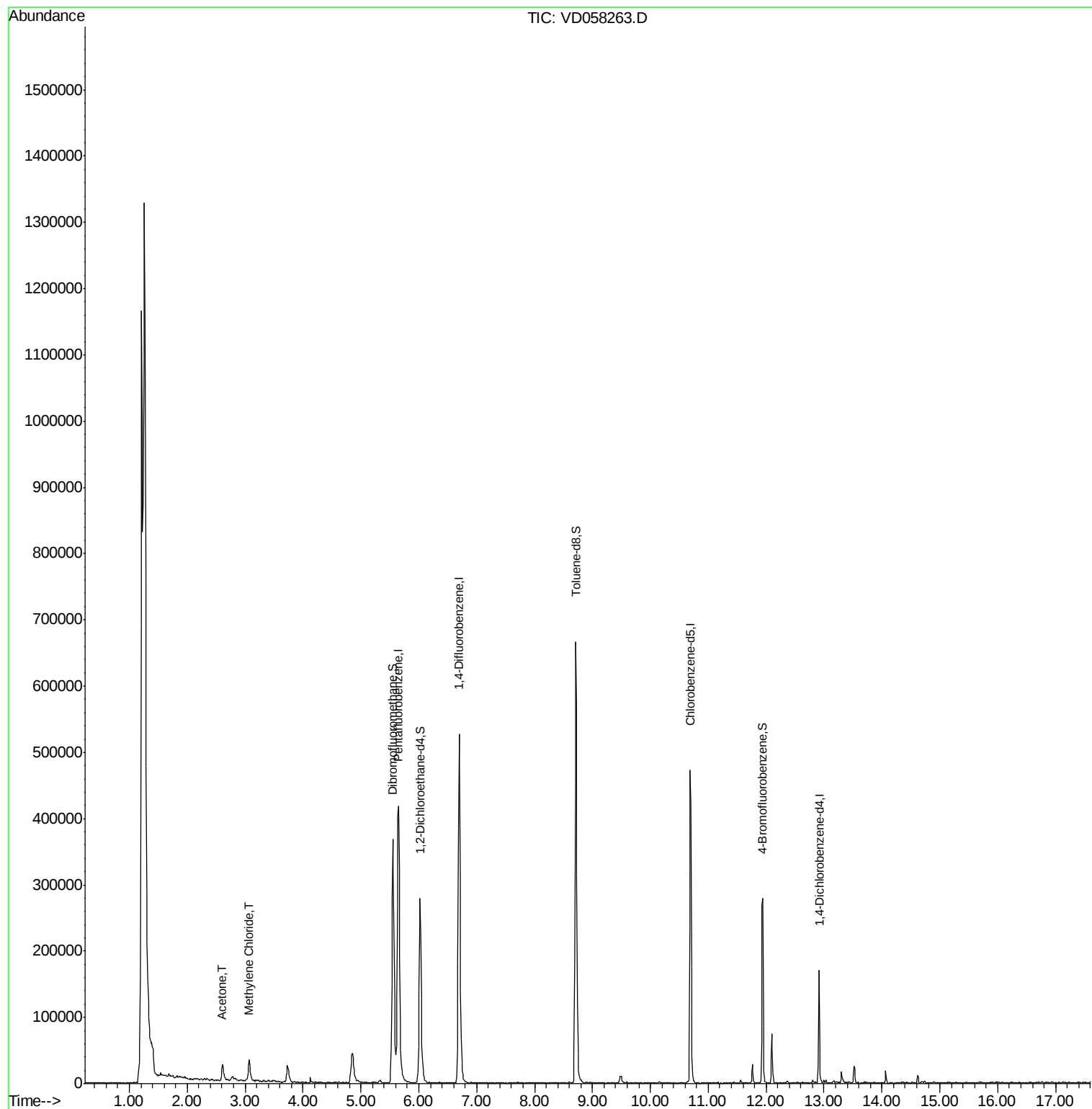
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	42711	73.68	ug/l	98
20) Methylene Chloride	3.07	84	11870	3.40	ug/l	97

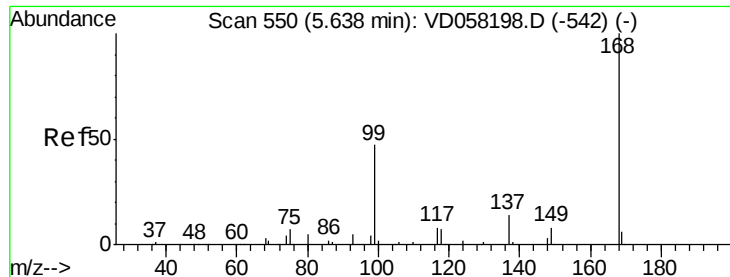
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058263.D

Acq: 21 Jun 2018 20:18

Instrument :

MSVOA_D

ClientSampleId :

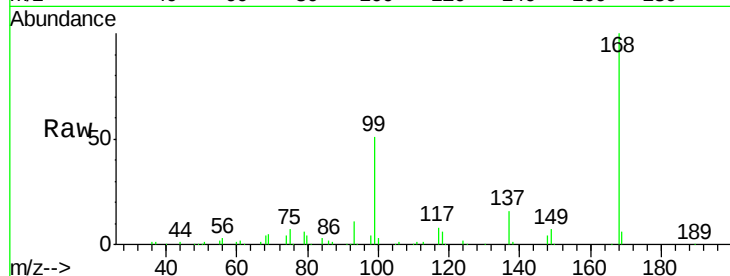
26KV-TP-10RE

Tot Ion:168 Resp: 419639

Ion Ratio Lower Upper

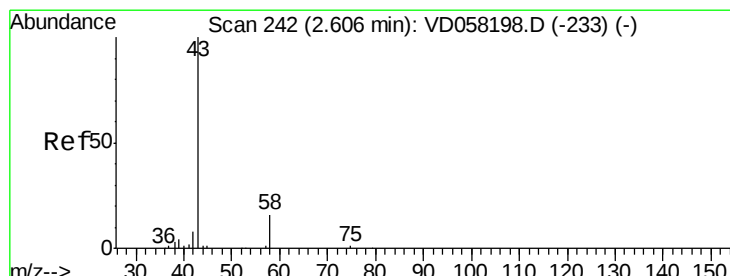
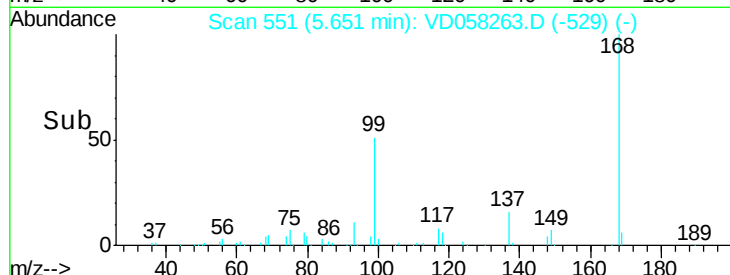
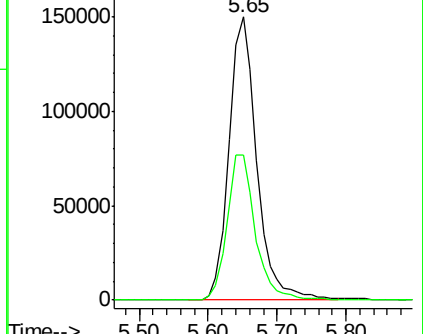
168 100

99 51.5 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: 73.68 ug/l

RT: 2.61 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD058263.D

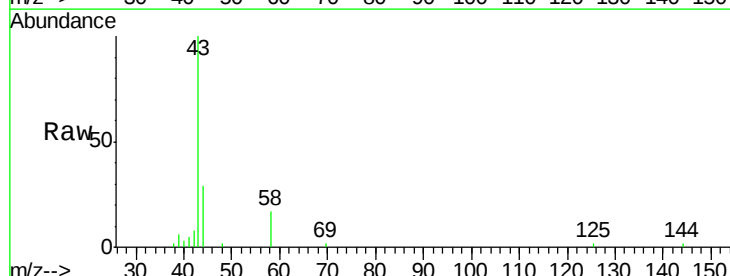
Acq: 21 Jun 2018 20:18

Tgt Ion: 43 Resp: 42711

Ion Ratio Lower Upper

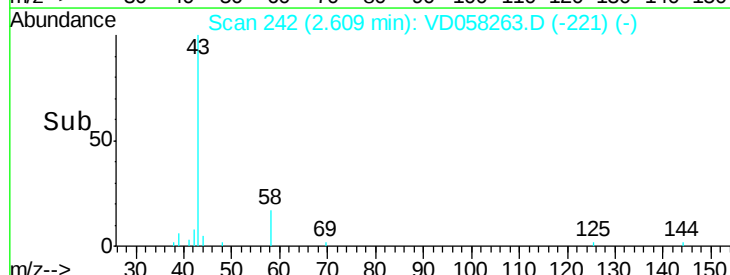
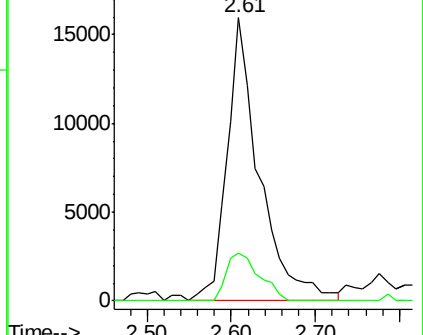
43 100

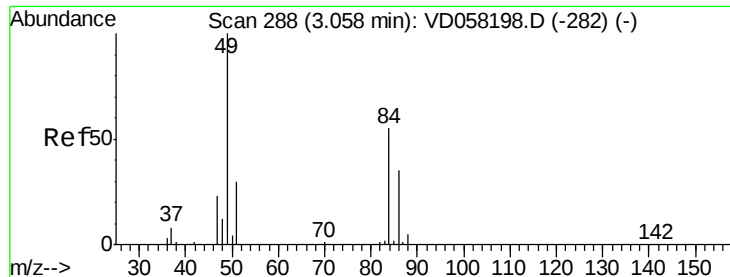
58 16.7 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

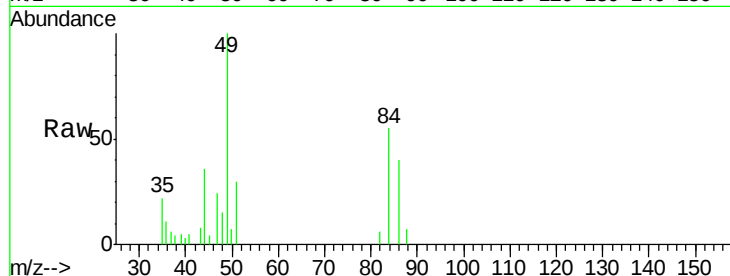




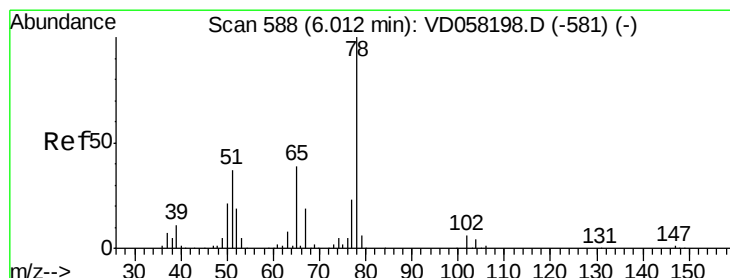
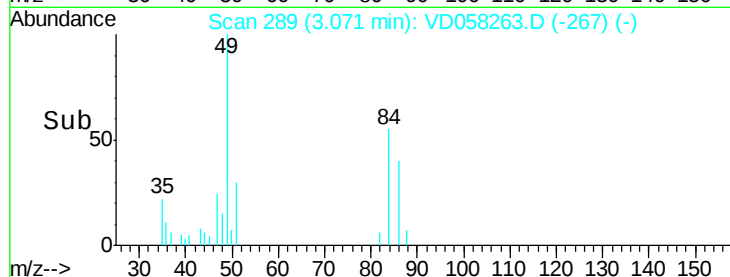
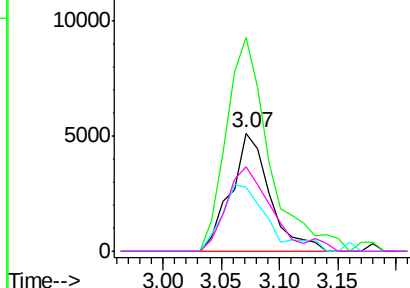
#20
Methvlene Chloride
Concen: 3.40 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.01 min
Lab File: VD058263.D
Acq: 21 Jun 2018 20:18

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-10RE

Tot Ion: 84 Resp: 11870
Ion Ratio Lower Upper
84 100
49 181.2 145.0 217.6
51 54.6 42.9 64.3
86 72.0 50.1 75.1

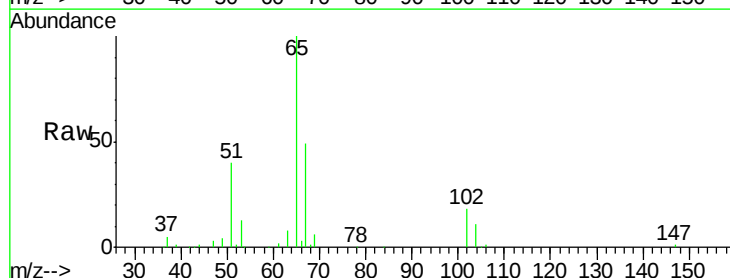


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

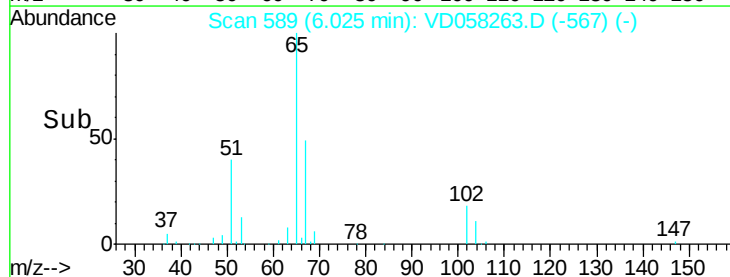
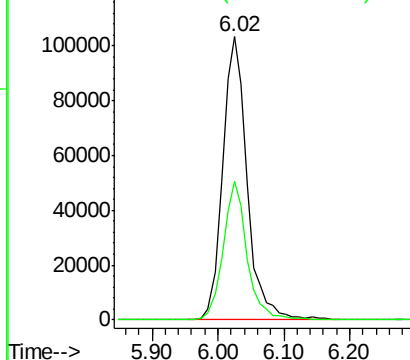


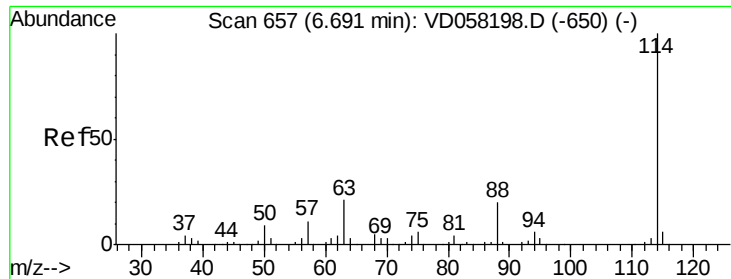
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD058263.D
Acq: 21 Jun 2018 20:18

Tgt Ion: 65 Resp: 267962
Ion Ratio Lower Upper
65 100
67 48.8 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: VD058263.D

Acq: 21 Jun 2018 20:18

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-10RE

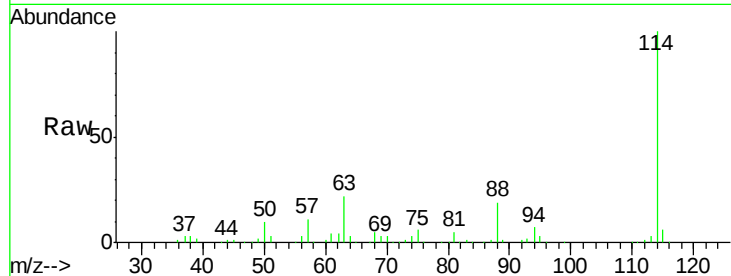
Tot Ion:114 Resp: 540657

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

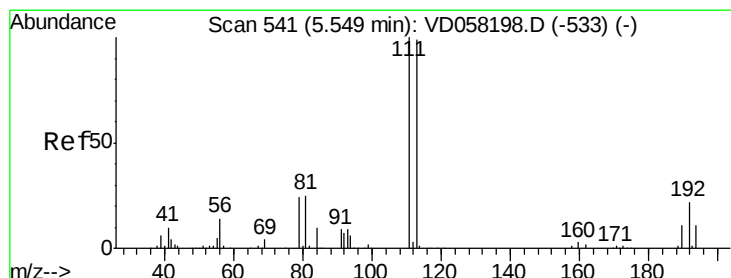
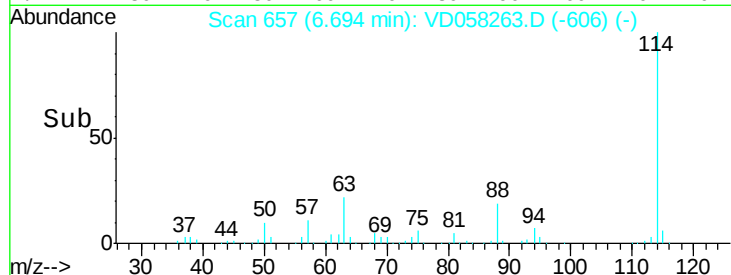
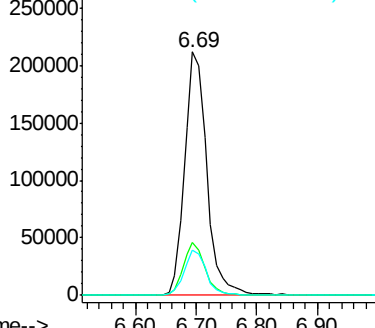
88 18.6 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD058263.D

Acq: 21 Jun 2018 20:18

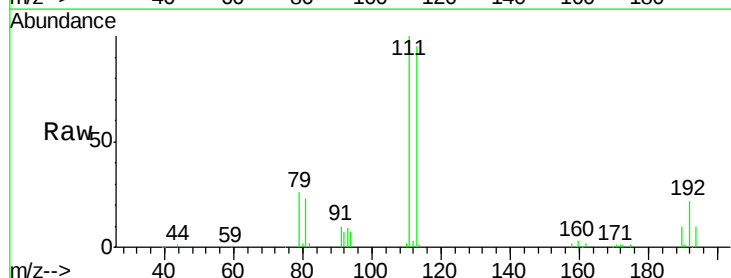
Tgt Ion:113 Resp: 286773

Ion Ratio Lower Upper

113 100

111 105.0 80.6 121.0

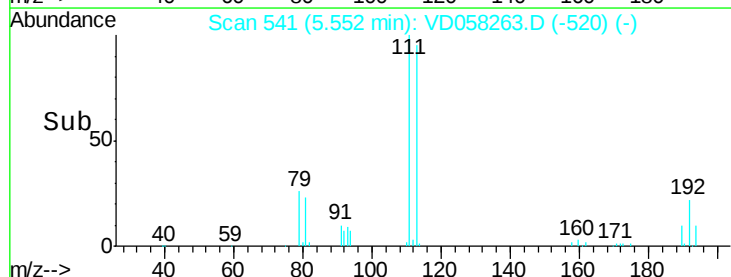
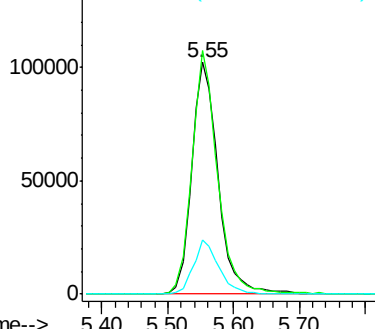
192 23.3 17.8 26.6

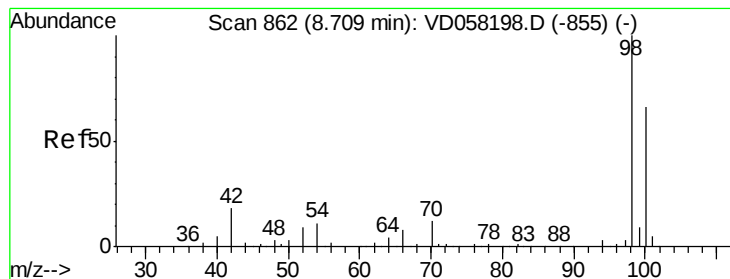


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD058263.D

Acq: 21 Jun 2018 20:18

Instrument :

MSVOA_D

ClientSampleId :

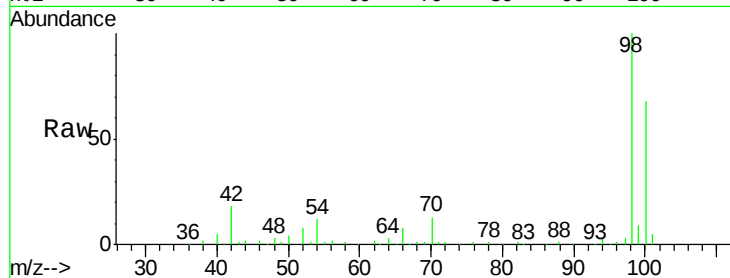
26KV-TP-10RE

Tot Ion: 98 Resp: 505980

Ion Ratio Lower Upper

98 100

100 68.1 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.71

250000

200000

150000

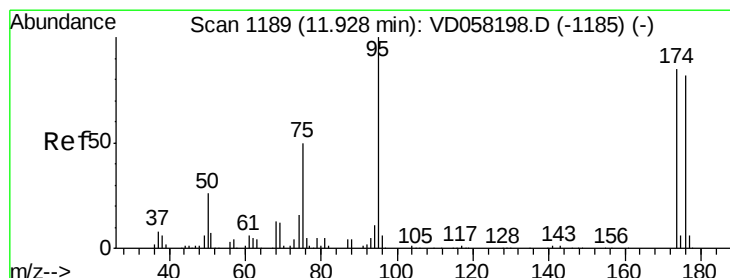
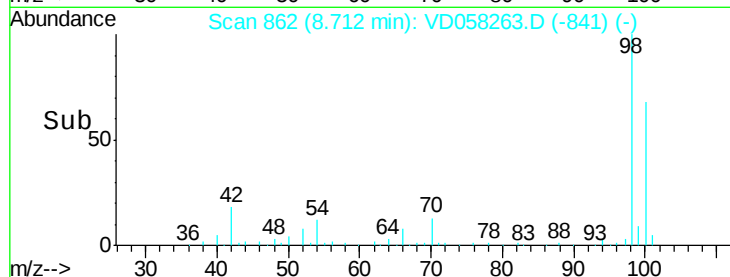
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058263.D

Acq: 21 Jun 2018 20:18

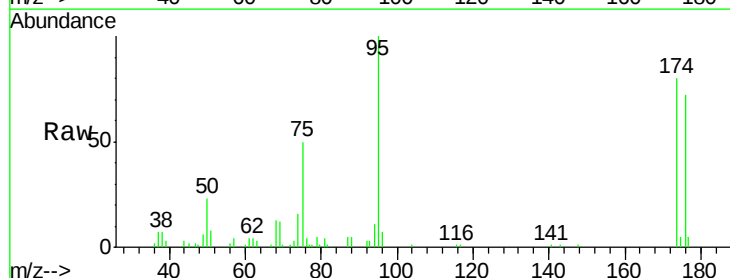
Tgt Ion: 95 Resp: 80845

Ion Ratio Lower Upper

95 100

174 79.7 0.0 170.2

176 71.9 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

11.93

60000

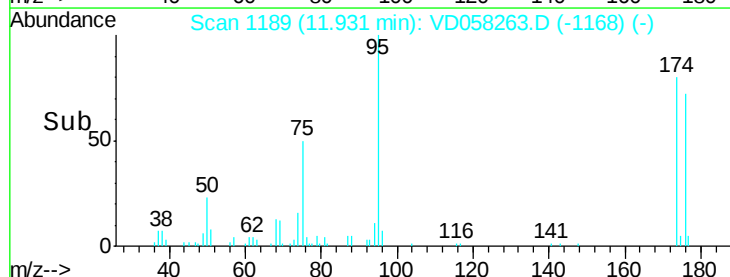
40000

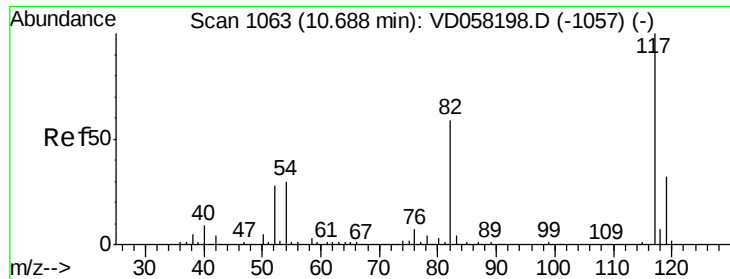
20000

0

Time-->

11.85 11.90 11.95 12.00





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD058263.D

Acq: 21 Jun 2018 20:18

Instrument :

MSVOA_D

ClientSampleId :

26KV-TP-10RE

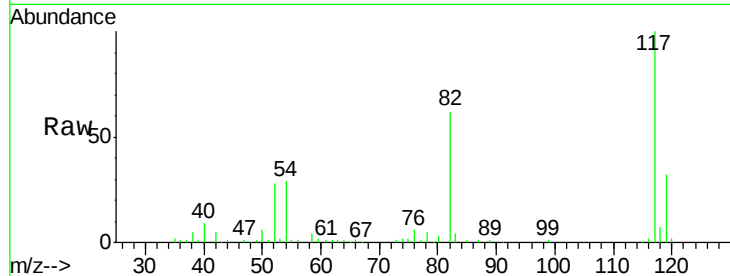
Tot Ion:117 Resp: 257854

Ion Ratio Lower Upper

117 100

82 62.1 47.0 70.6

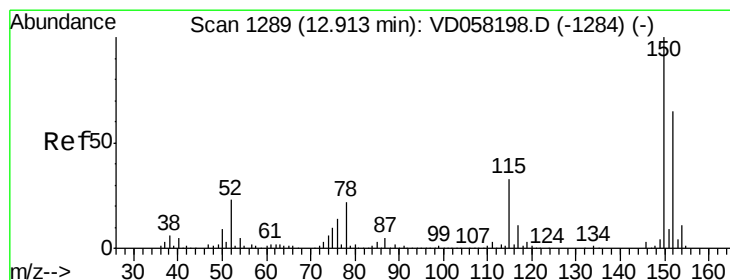
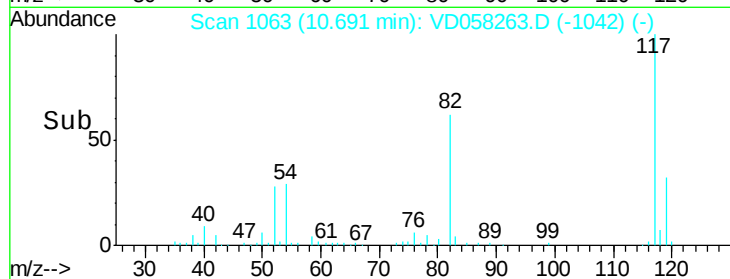
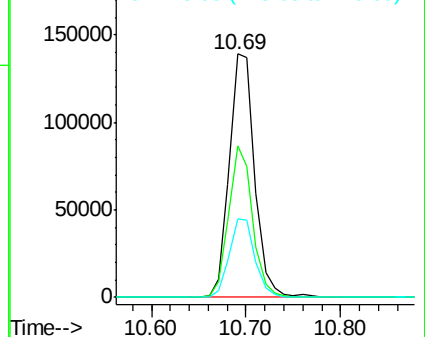
119 32.5 25.3 37.9



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: VD058263.D

Acq: 21 Jun 2018 20:18

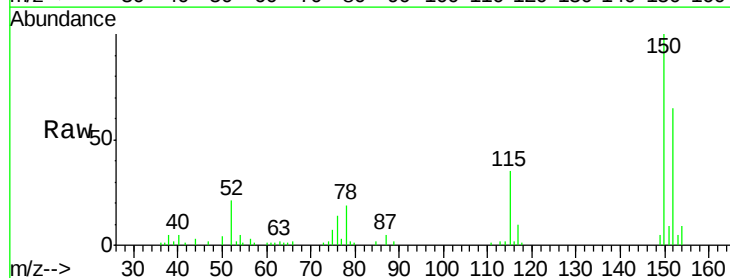
Tgt Ion:152 Resp: 40190

Ion Ratio Lower Upper

152 100

115 53.4 25.1 75.3

150 153.9 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

