

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057977.D
 Acq On : 7 Jun 2018 17:46
 Operator : JC/SY
 Sample : J2688-04
 Misc : 6.33q/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3(11.0)

Quant Time: Jun 08 07:51:53 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

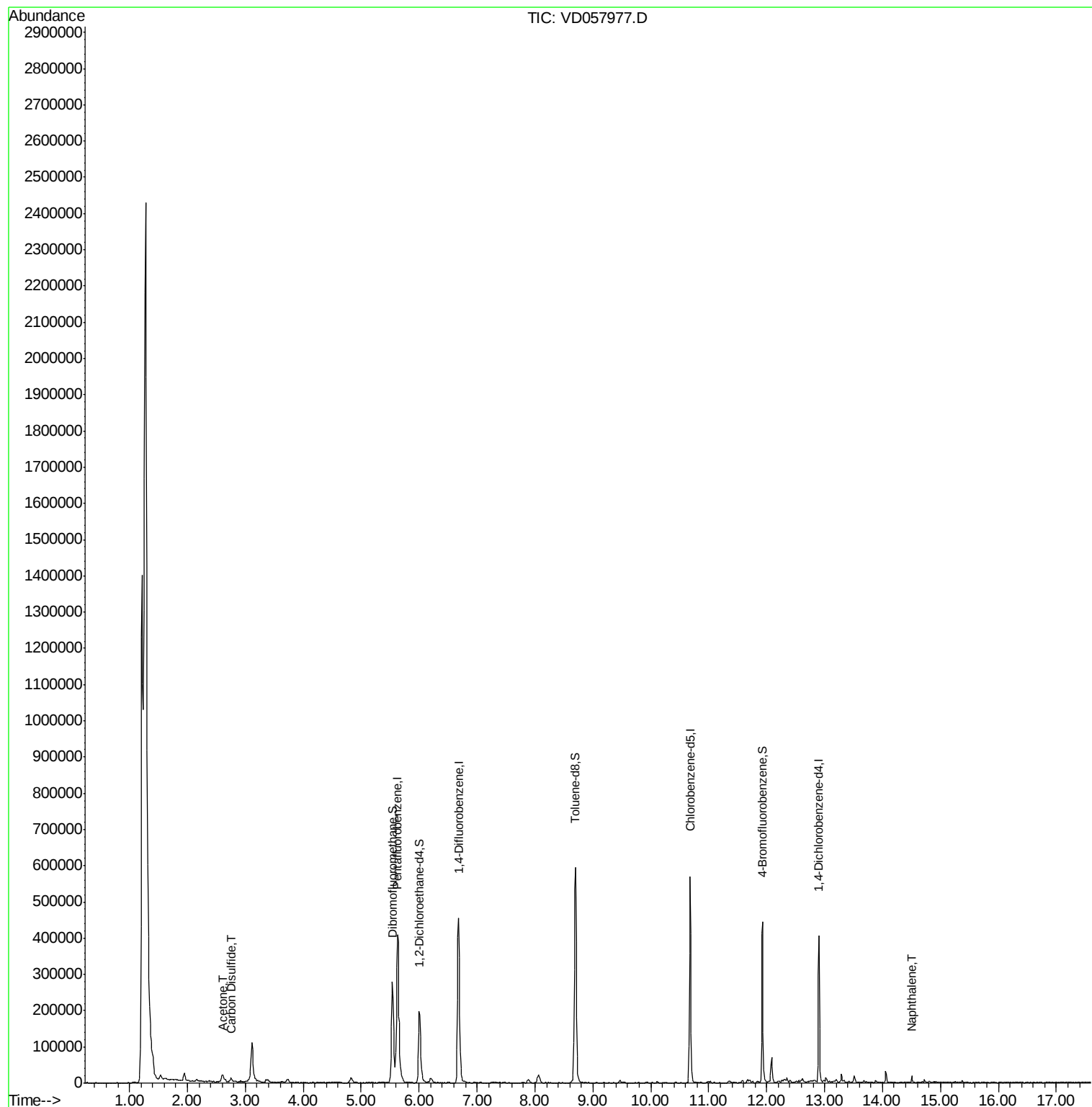
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	404647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	451402	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	292718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	89130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	201600	49.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.66%	
35) Dibromofluoromethane	5.54	113	229178	65.62	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	131.24%	
50) Toluene-d8	8.70	98	458983	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
62) 4-Bromofluorobenzene	11.92	95	127346	35.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.32%	
Target Compounds						
16) Acetone	2.61	43	47363	81.262	ug/l #	90
17) Carbon Disulfide	2.75	76	13308	2.264	ug/l	100
95) Naphthalene	14.51	128	9793	3.403	ug/l	98

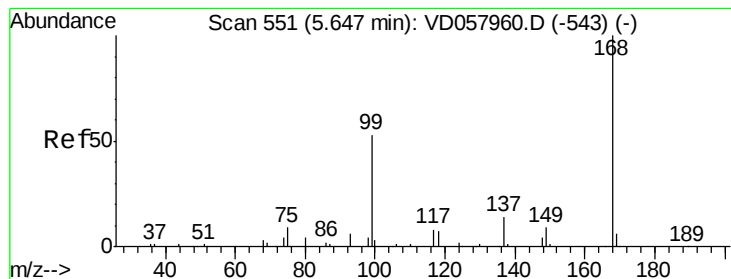
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD057977.D

Acq: 7 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

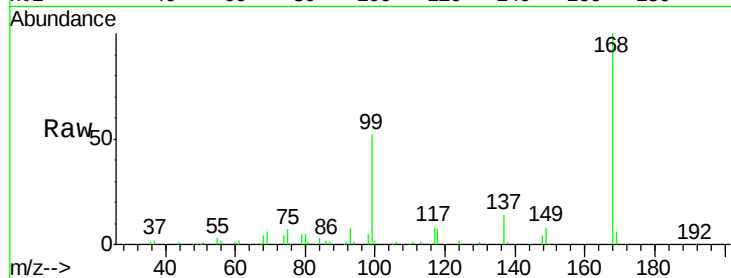
B-3(11.0)

Tot Ion:168 Resp: 404647

Ion Ratio Lower Upper

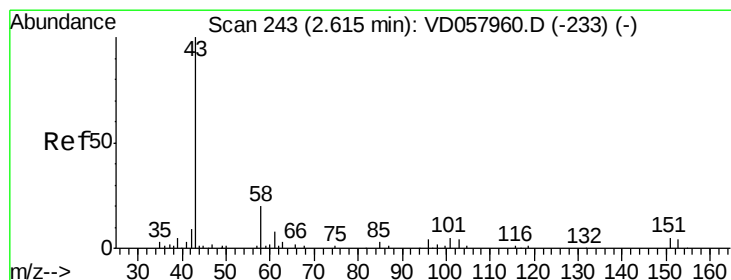
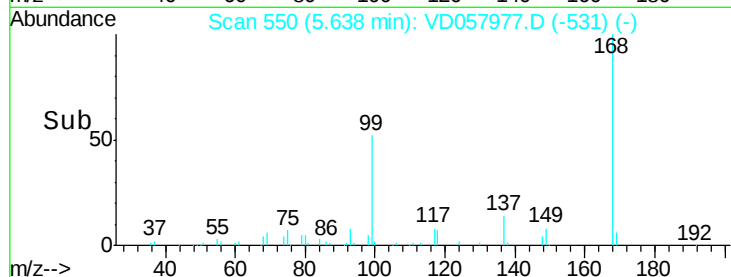
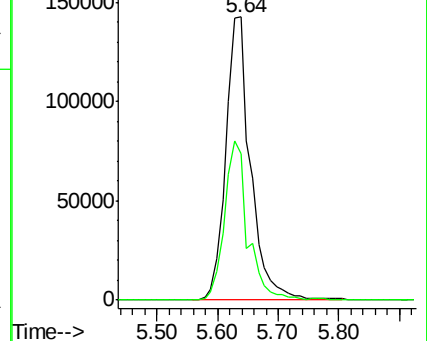
168 100

99 51.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 81.262 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD057977.D

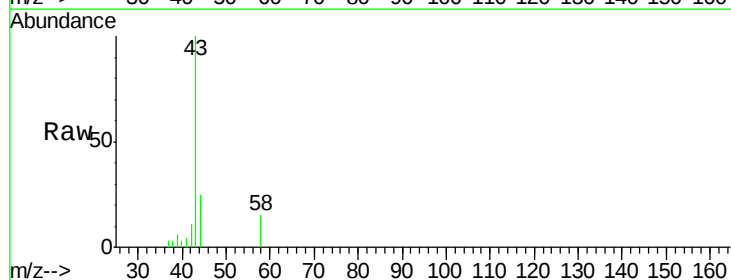
Acq: 7 Jun 2018 17:46

Tgt Ion: 43 Resp: 47363

Ion Ratio Lower Upper

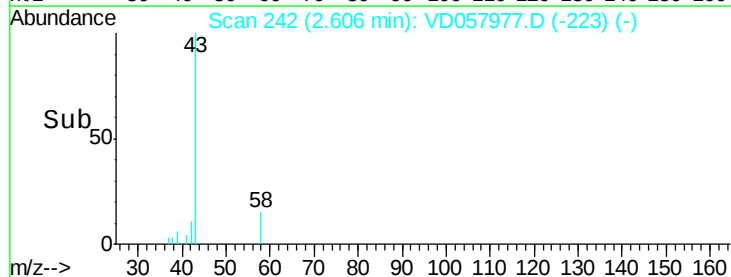
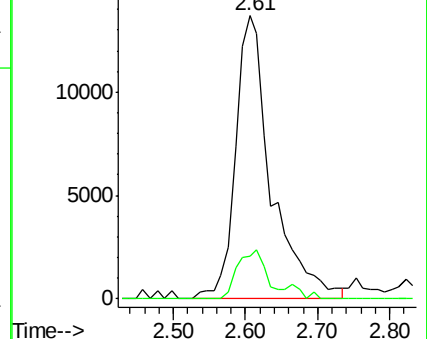
43 100

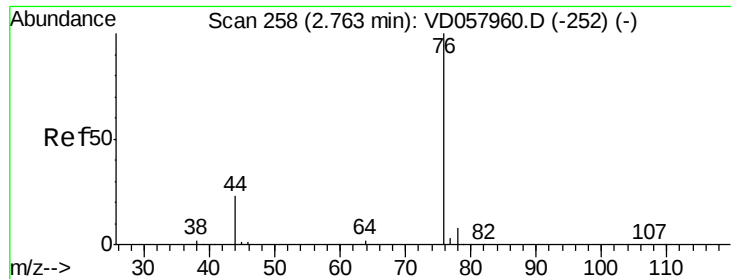
58 15.2 15.8 23.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.264 ug/l

RT: 2.75 min Scan# 257

Delta R.T. -0.01 min

Lab File: VD057977.D

Acq: 7 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

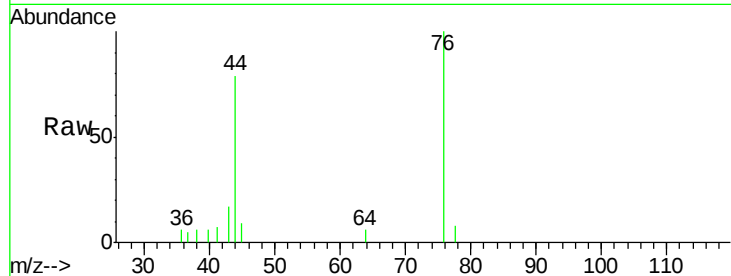
B-3(11.0)

Tot Ion: 76 Resp: 13308

Ion Ratio Lower Upper

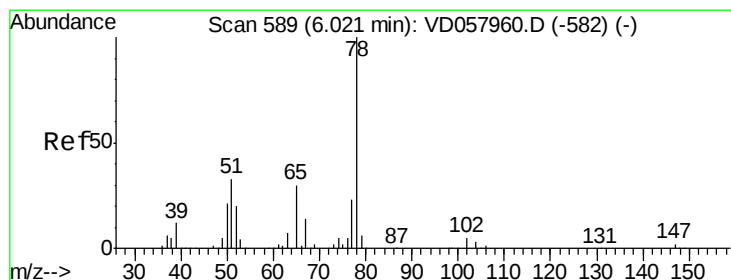
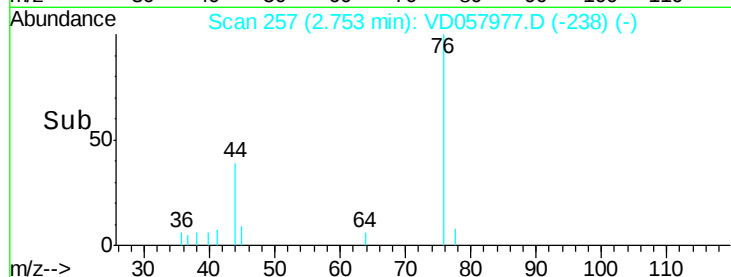
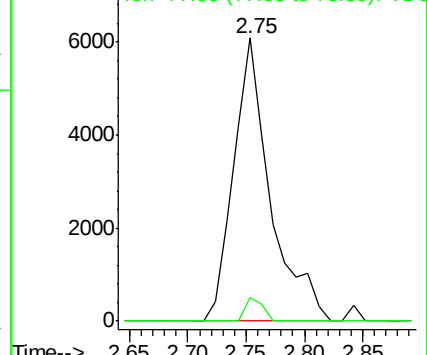
76 100

78 8.3 6.7 10.1



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: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD057977.D

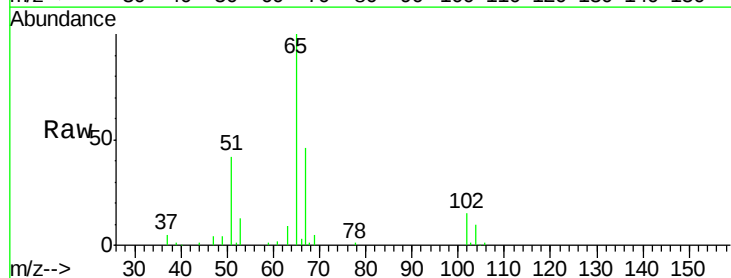
Acq: 7 Jun 2018 17:46

Tgt Ion: 65 Resp: 201600

Ion Ratio Lower Upper

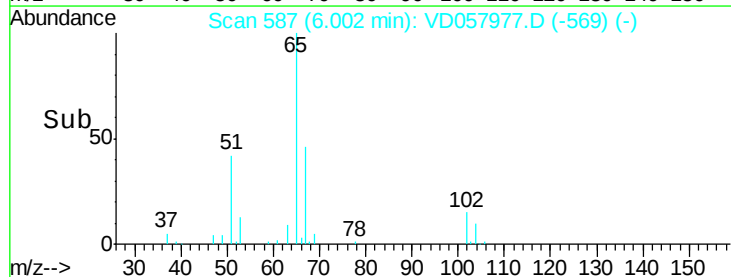
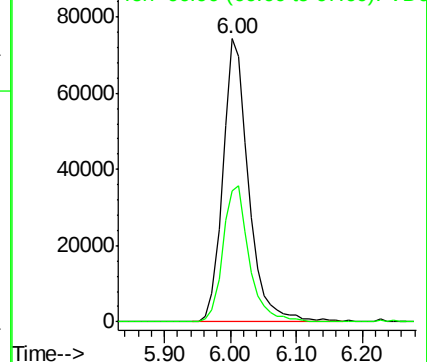
65 100

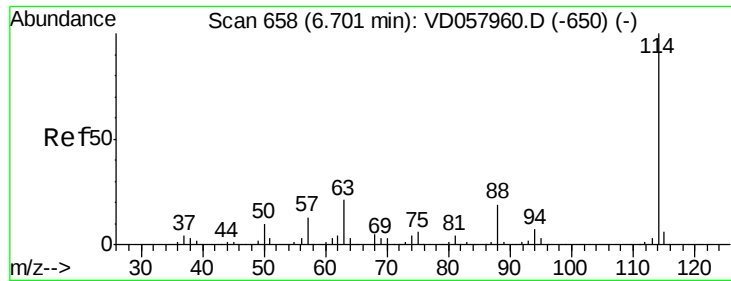
67 46.3 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD057977.D

Acq: 7 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

B-3(11.0)

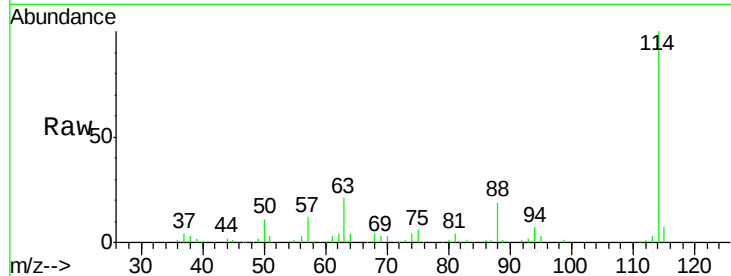
Tot Ion:114 Resp: 451402

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 18.6 0.0 37.8

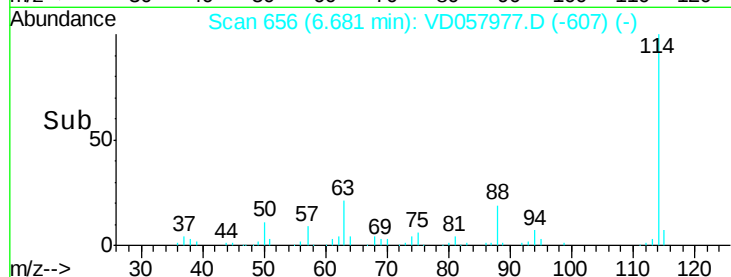


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

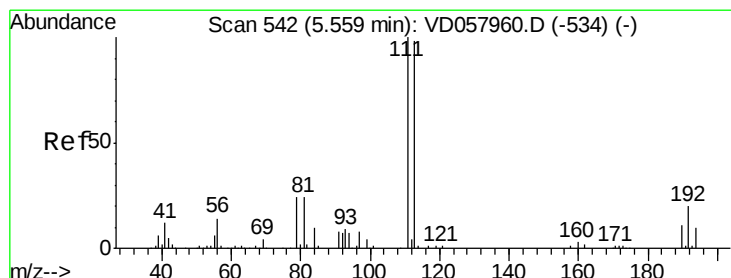
Ion 87.90 (87.60 to 88.60): VDC

Time--> 6.50 6.60 6.70 6.80 6.90



6.68

Time--> 6.50 6.60 6.70 6.80 6.90



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD057977.D

Acq: 7 Jun 2018 17:46

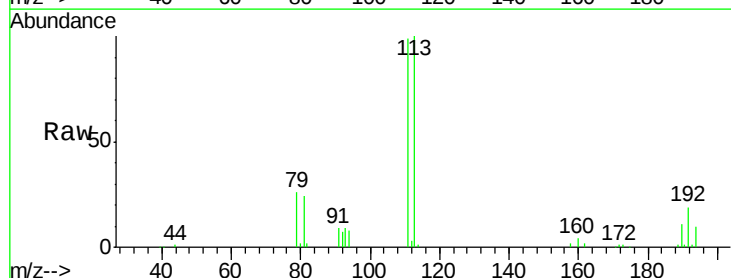
Tgt Ion:113 Resp: 229178

Ion Ratio Lower Upper

113 100

111 99.4 81.5 122.3

192 19.4 16.4 24.6

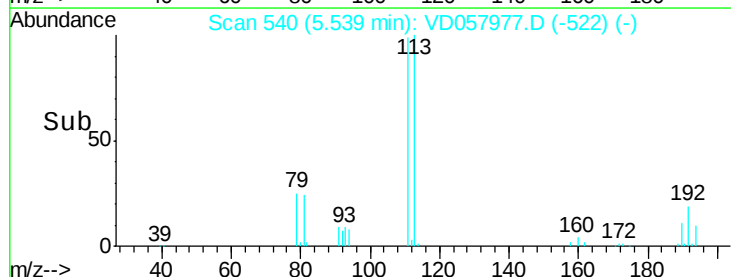


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

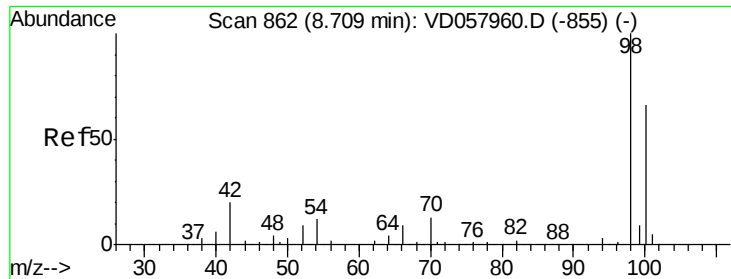
Ion 191.80 (191.50 to 192.50): V

Time--> 5.40 5.50 5.60 5.70



5.54

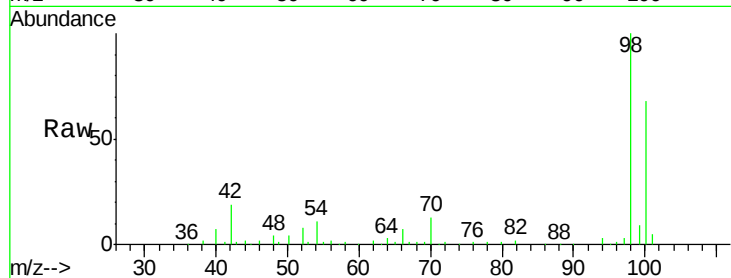
Time--> 5.40 5.50 5.60 5.70



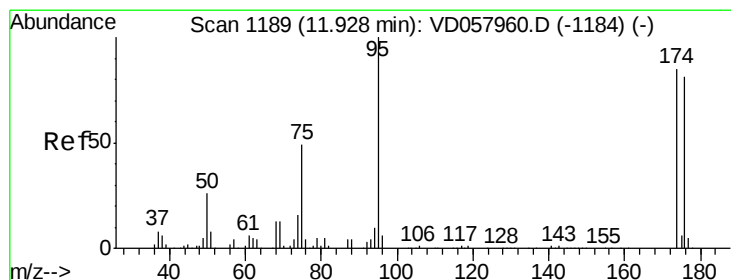
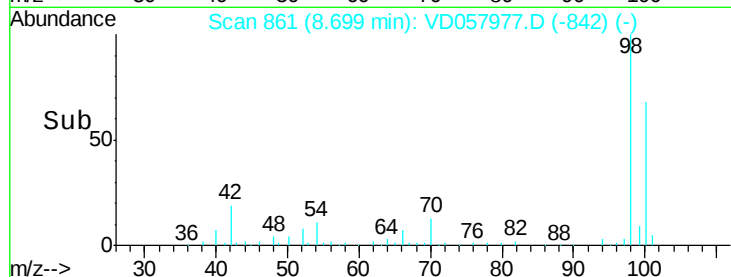
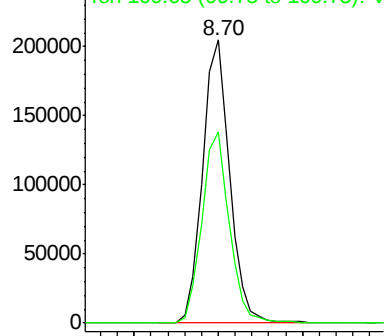
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD057977.D
Acq: 7 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampleId :
B-3(11.0)

Tot Ion: 98 Resp: 458983
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.0

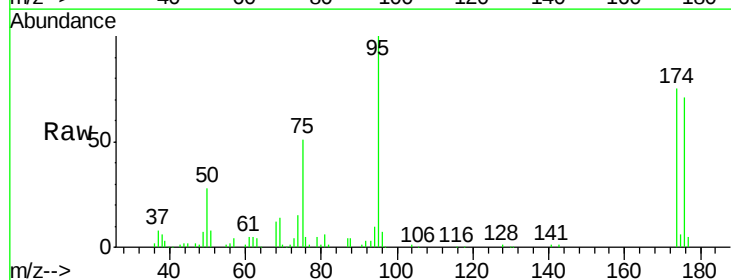


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

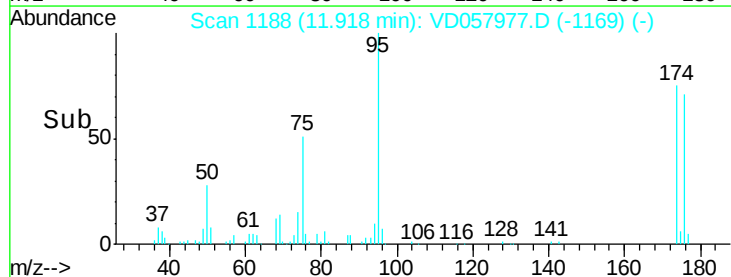
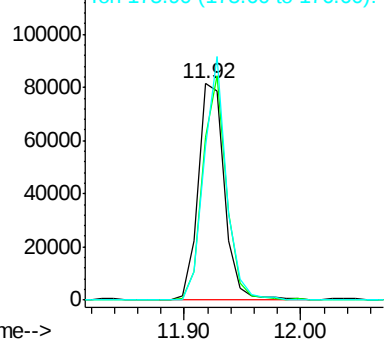


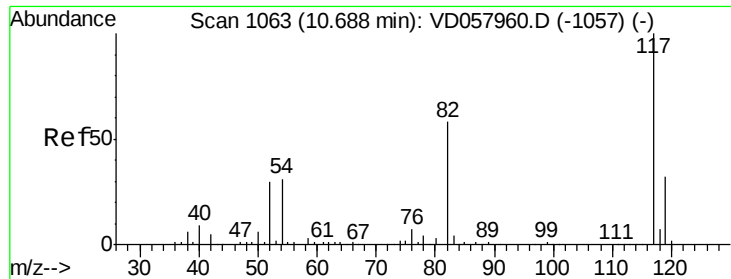
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057977.D
Acq: 7 Jun 2018 17:46

Tgt Ion: 95 Resp: 127346
Ion Ratio Lower Upper
95 100
174 75.1 0.0 169.4
176 71.3 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

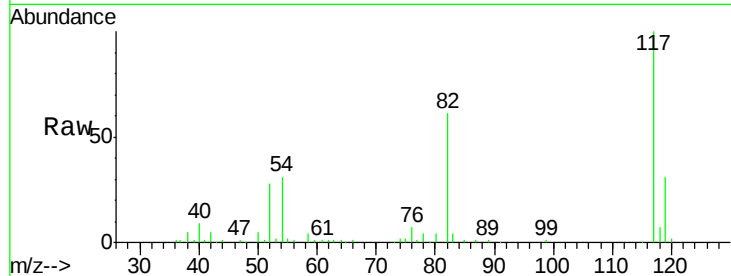




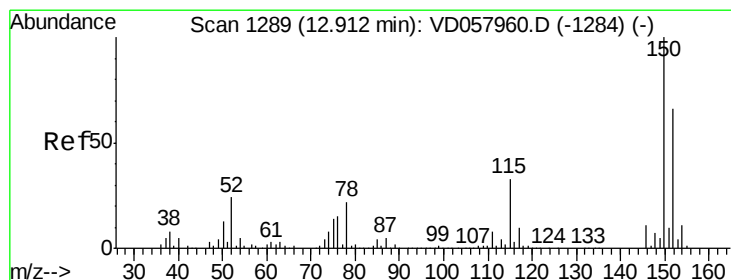
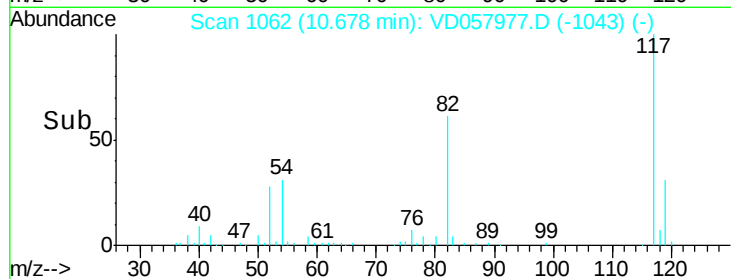
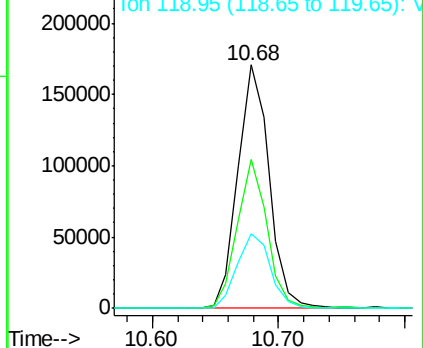
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057977.D
Acq: 7 Jun 2018 17:46

Instrument :
MSVOA_D
ClientSampleId :
B-3(11.0)

Tot Ion:117 Resp: 292718
Ion Ratio Lower Upper
117 100
82 61.4 46.8 70.2
119 30.5 25.8 38.6

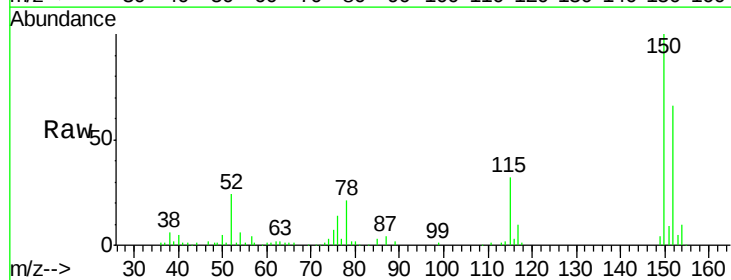


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

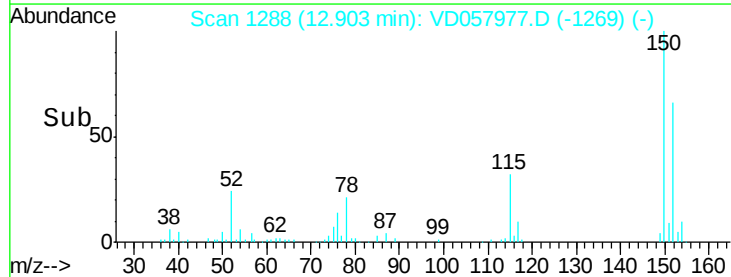
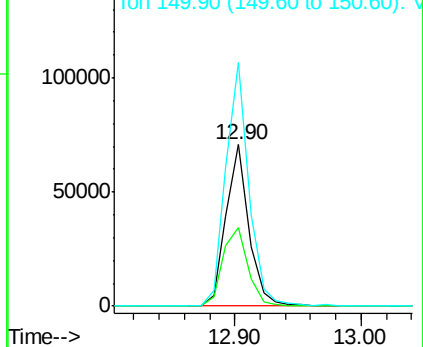


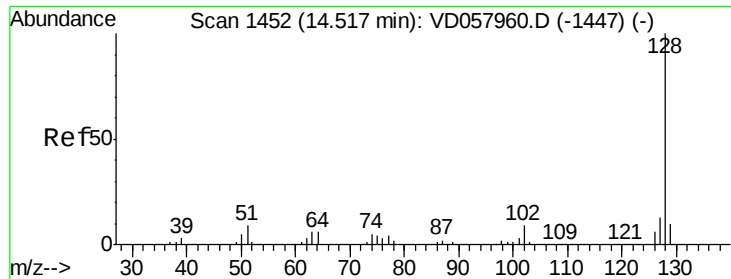
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD057977.D
Acq: 7 Jun 2018 17:46

Tgt Ion:152 Resp: 89130
Ion Ratio Lower Upper
152 100
115 49.0 25.6 76.6
150 151.1 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





#95

Naphthalene

Concen: 3.403 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VD057977.D

Acq: 7 Jun 2018 17:46

Instrument :

MSVOA_D

ClientSampleId :

B-3(11.0)

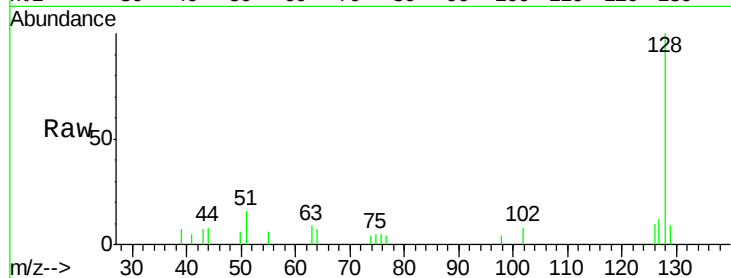
Tot Ion:128 Resp: 9793

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 8.8 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

