

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058326.D
 Acq On : 23 Jun 2018 7:05
 Operator : VA/AP
 Sample : J3594-03RE
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HC-SOIL-2RE

Quant Time: Jun 25 01:23:18 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	5.67	168	16475	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	6.71	114	30893	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	32103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	16748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	19941	119.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	239.66%	
35) Dibromofluoromethane	5.56	113	14359	57.11	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.22%	
50) Toluene-d8	8.71	98	27185	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.93	95	15779	63.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.00%	

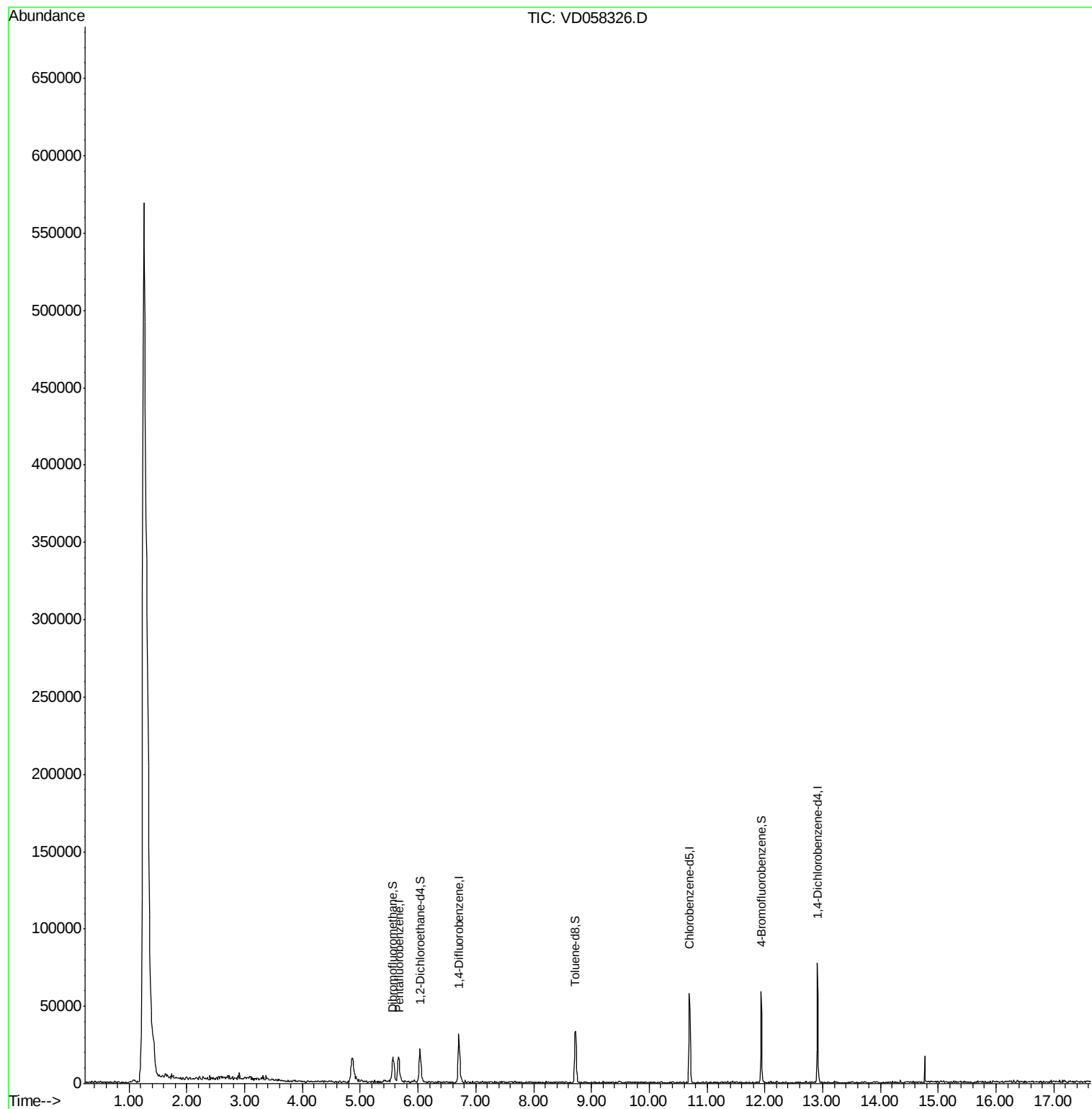
Target Compounds	Qvalue
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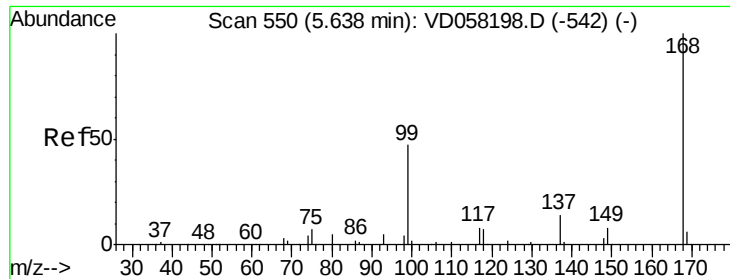
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.04 min

Lab File: VD058326.D

Acq: 23 Jun 2018 7:05

Instrument :

MSVOA_D

ClientSampleId :

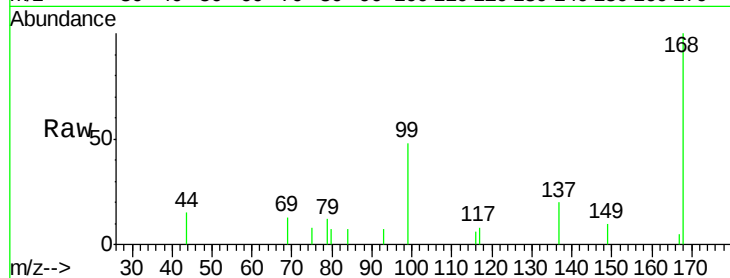
HC-SOIL-2RE

Tot Ion:168 Resp: 16475

Ion Ratio Lower Upper

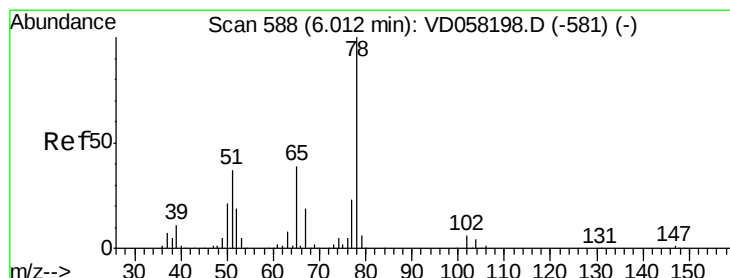
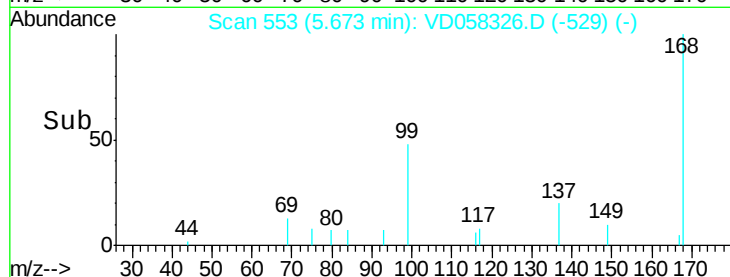
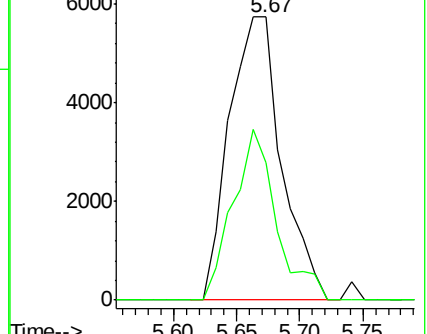
168 100

99 48.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.04 min Scan# 590

Delta R.T. 0.03 min

Lab File: VD058326.D

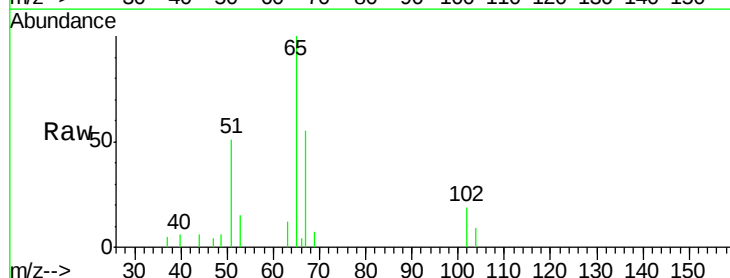
Acq: 23 Jun 2018 7:05

Tgt Ion: 65 Resp: 19941

Ion Ratio Lower Upper

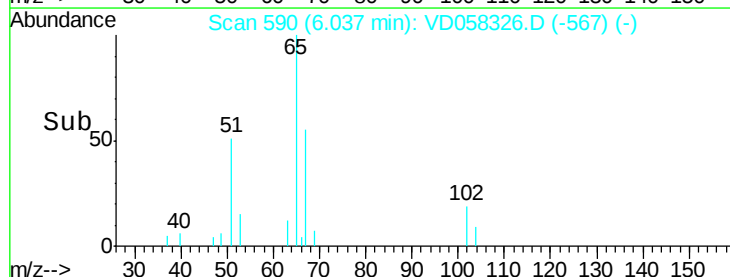
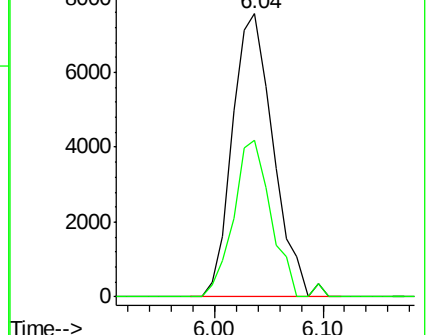
65 100

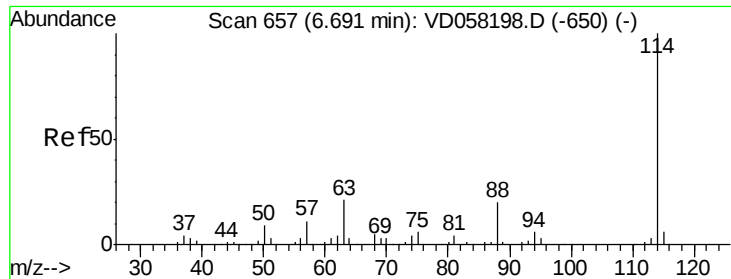
67 55.2 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

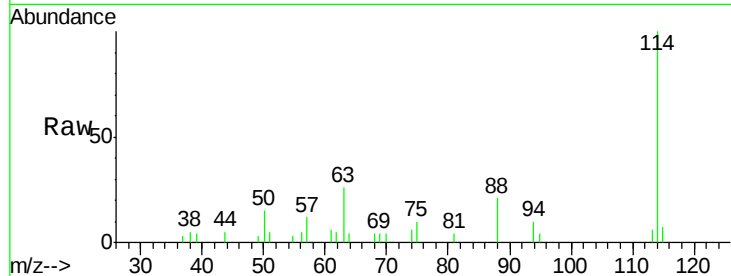




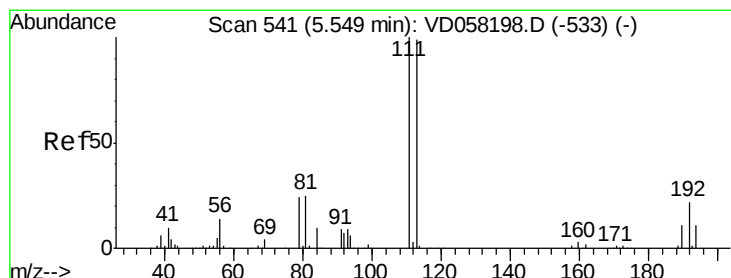
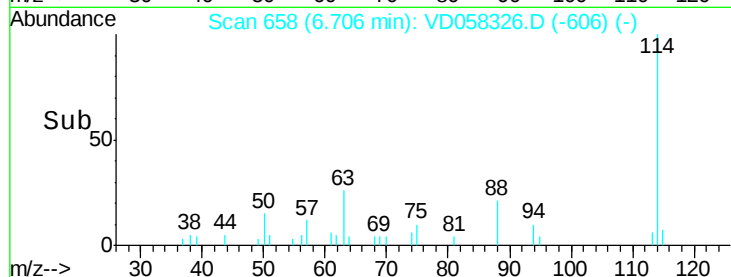
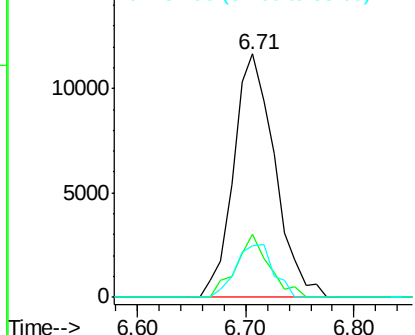
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD058326.D
 Acq: 23 Jun 2018 7:05

Instrument :
 MSVOA_D
 ClientSampleId :
 HC-SOIL-2RE

Tot Ion:114 Resp: 30893
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 42.6
 88 21.0 0.0 40.6

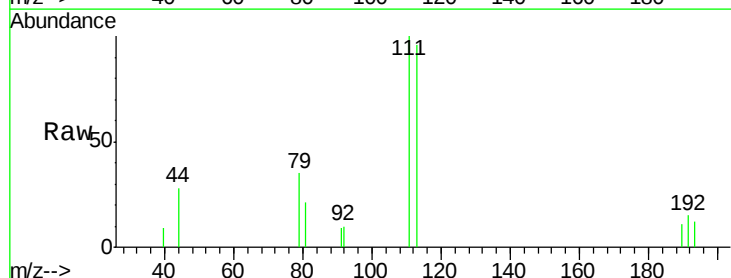


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

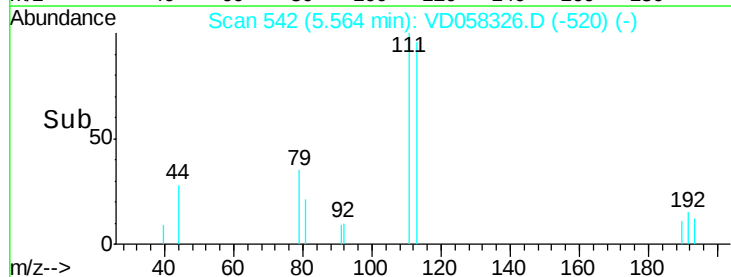
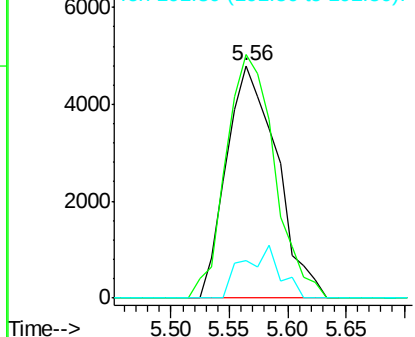


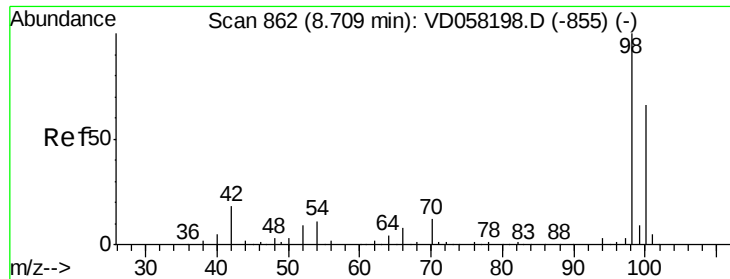
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: VD058326.D
 Acq: 23 Jun 2018 7:05

Tgt Ion:113 Resp: 14359
 Ion Ratio Lower Upper
 113 100
 111 104.6 80.6 121.0
 192 16.2 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. 0.01 min

Lab File: VD058326.D

Acq: 23 Jun 2018 7:05

Instrument :

MSVOA_D

ClientSampleId :

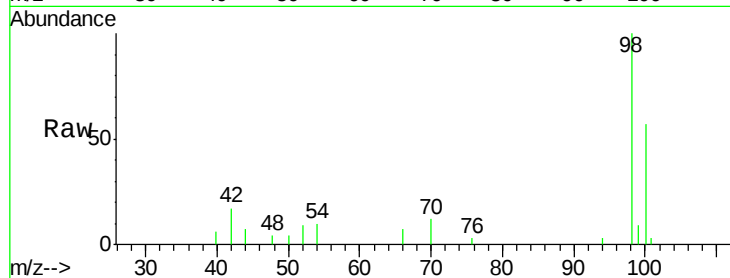
HC-SOIL-2RE

Tot Ion: 98 Resp: 27185

Ion Ratio Lower Upper

98 100

100 56.6 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

15000

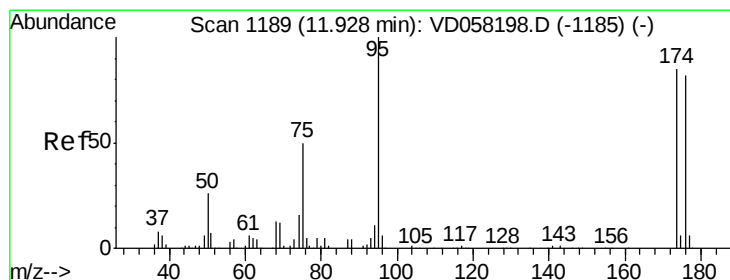
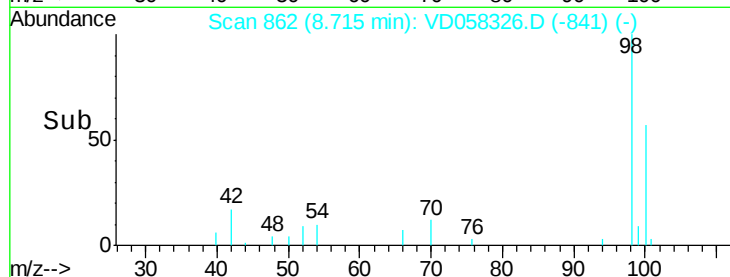
10000

5000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058326.D

Acq: 23 Jun 2018 7:05

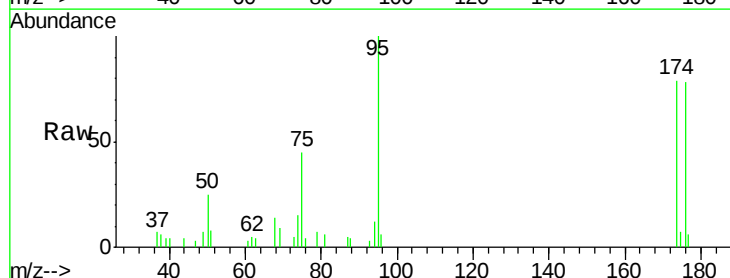
Tgt Ion: 95 Resp: 15779

Ion Ratio Lower Upper

95 100

174 78.9 0.0 170.2

176 84.1 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

15000

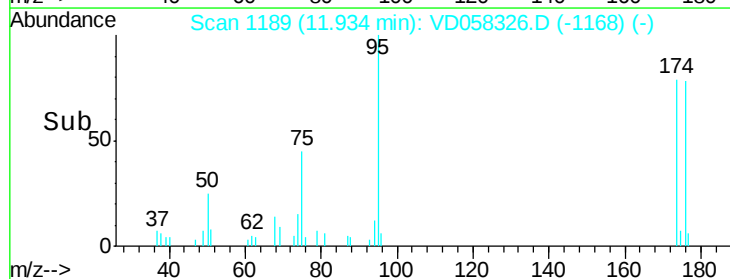
10000

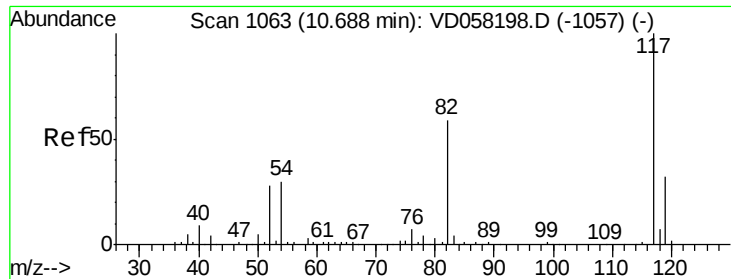
5000

0

11.90 11.95

Time-->

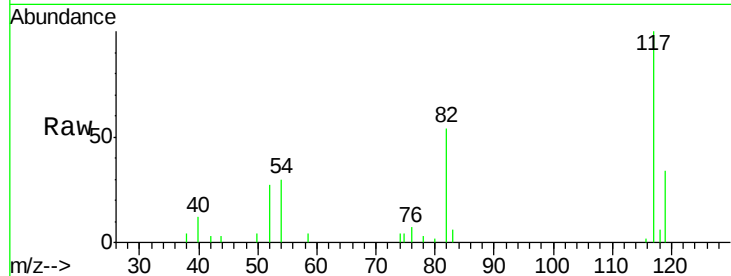




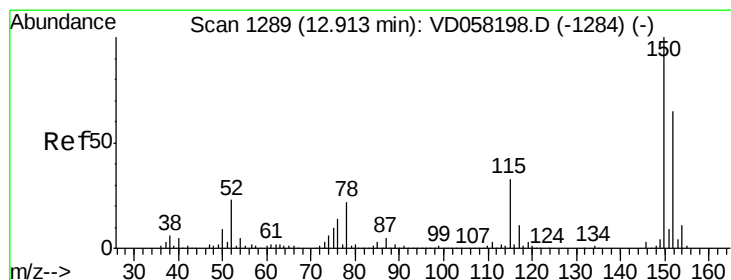
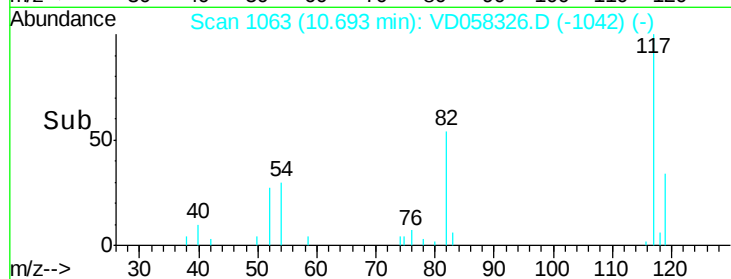
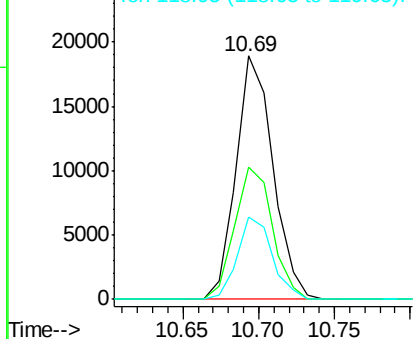
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058326.D
Acq: 23 Jun 2018 7:05

Instrument :
MSVOA_D
ClientSampleId :
HC-SOIL-2RE

Tot Ion:117 Resp: 32103
Ion Ratio Lower Upper
117 100
82 54.1 47.0 70.6
119 33.7 25.3 37.9

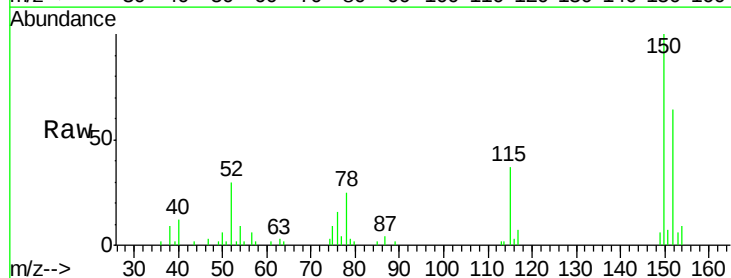


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058326.D
Acq: 23 Jun 2018 7:05

Tgt Ion:152 Resp: 16748
Ion Ratio Lower Upper
152 100
115 57.3 25.1 75.3
150 156.5 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

