

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060140.D
 Acq On : 5 Oct 2018 16:38
 Operator : VA/AP
 Sample : J5270-02
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-A

Quant Time: Oct 06 00:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

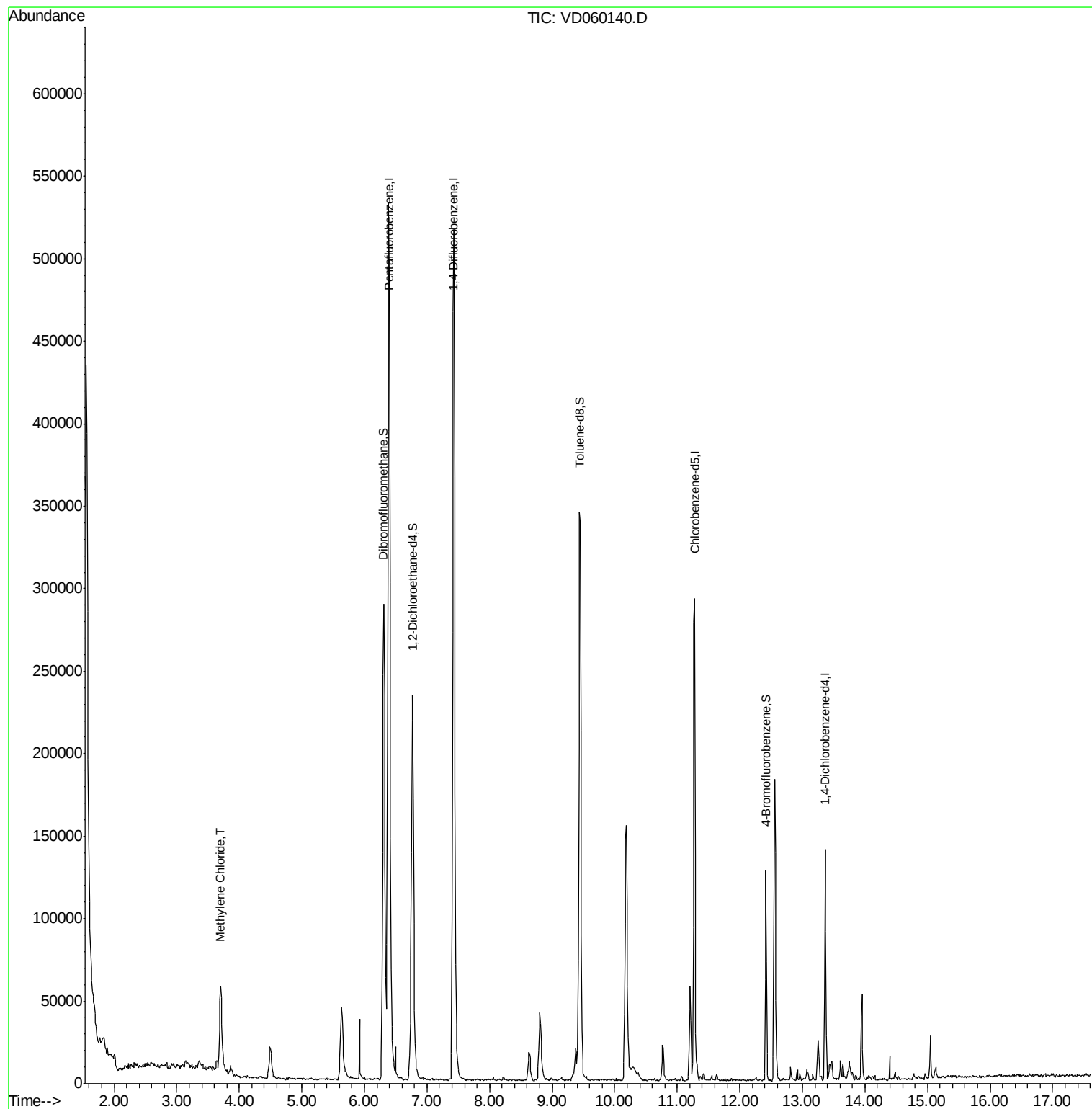
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	516418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	544605	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	167542	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	30324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	156890	40.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.16%	
35) Dibromofluoromethane	6.31	113	224572	54.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	9.45	98	288842	24.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	48.98%	
62) 4-Bromofluorobenzene	12.42	95	35690	8.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	16.16%	
Target Compounds						
20) Methylene Chloride	3.70	84	32009	1.559	ug/l	Qvalue 96

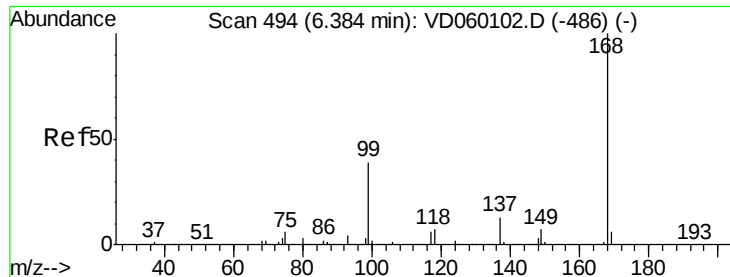
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060140.D

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Instrument :

MSVOA_D

ClientSampleId :

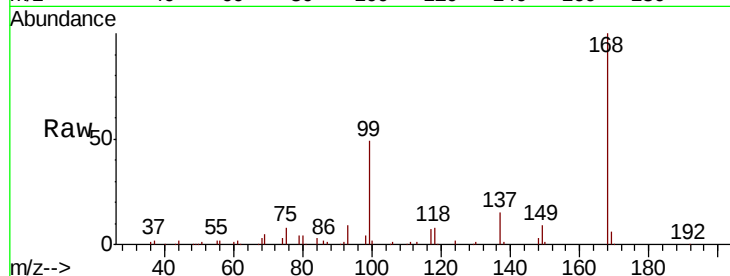
STOCK-PILE-A

Tot Ion:168 Resp: 516418

Ion Ratio Lower Upper

168 100

99 49.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

200000

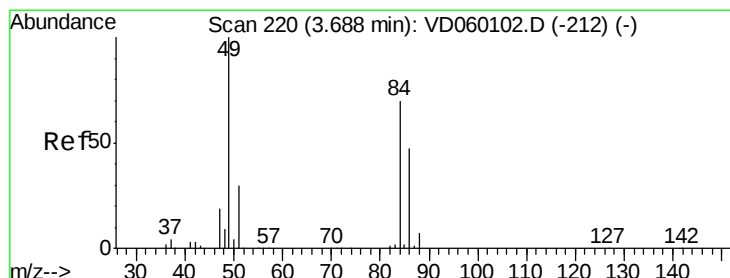
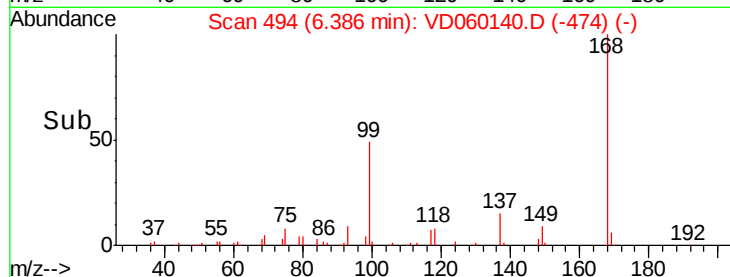
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.559 ug/l

RT: 3.70 min Scan# 221

Delta R.T. 0.01 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

Tgt Ion: 84 Resp: 32009

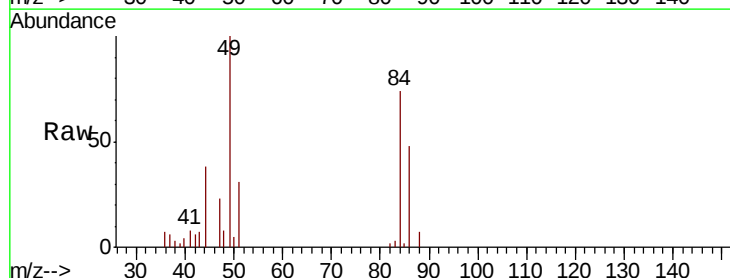
Ion Ratio Lower Upper

84 100

49 135.2 114.6 172.0

51 42.2 33.8 50.8

86 64.8 53.3 79.9



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

20000

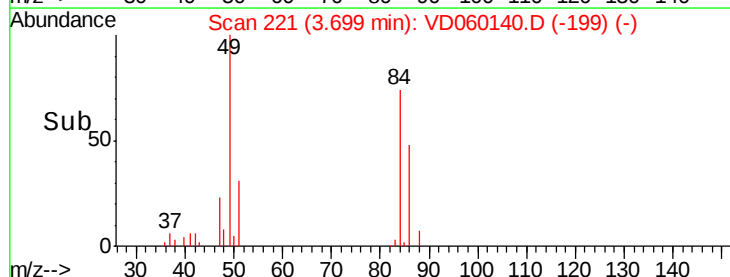
15000

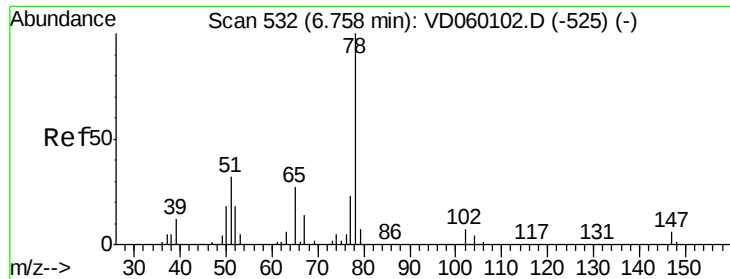
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

Instrument :

MSVOA_D

ClientSampleId :

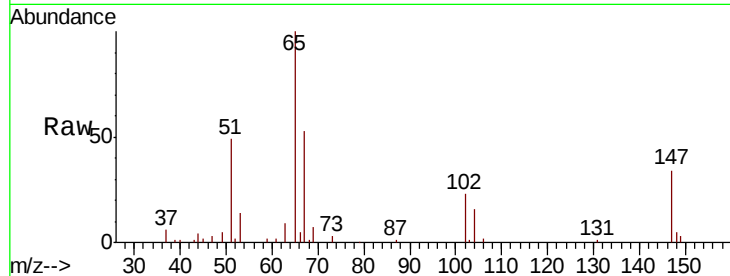
STOCK-PILE-A

Tot Ion: 65 Resp: 156890

Ion Ratio Lower Upper

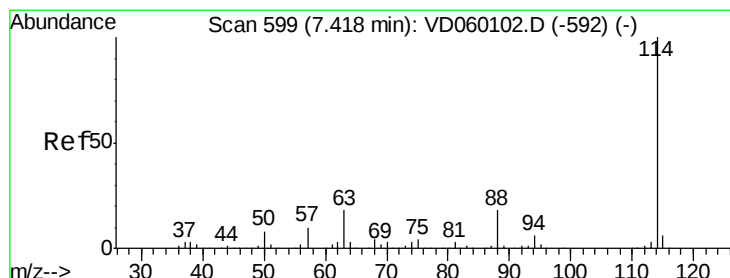
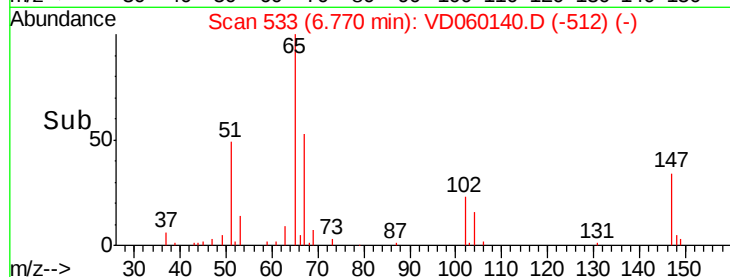
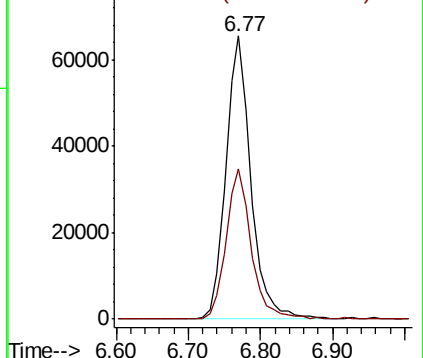
65 100

67 53.1 0.0 106.2



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: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

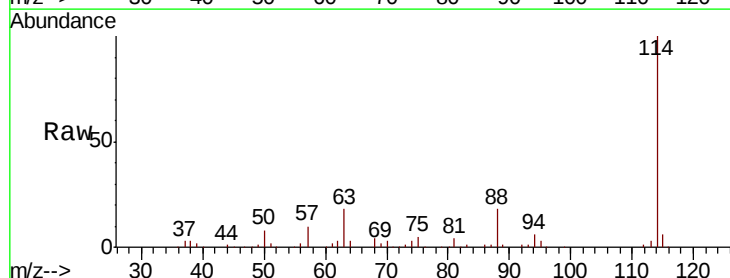
Tgt Ion: 114 Resp: 544605

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.0

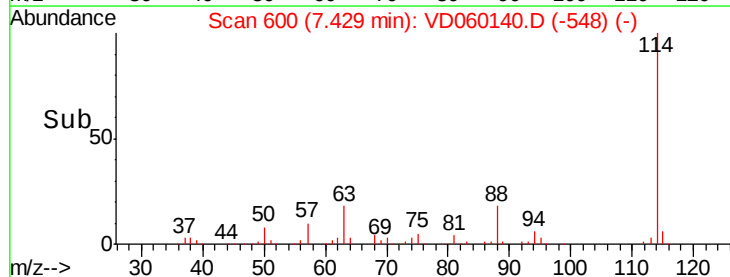
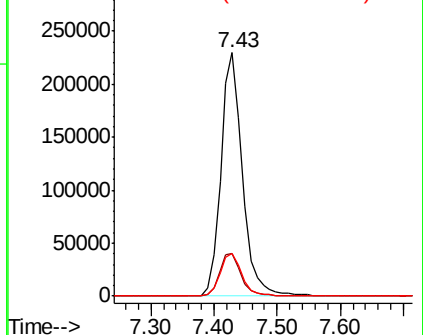
88 17.6 0.0 36.2

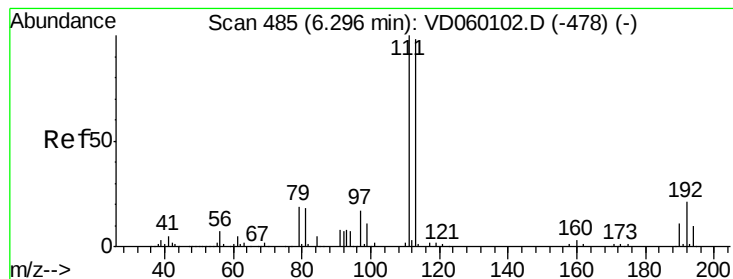


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

Instrument :

MSVOA_D

ClientSampleId :

STOCK-PILE-A

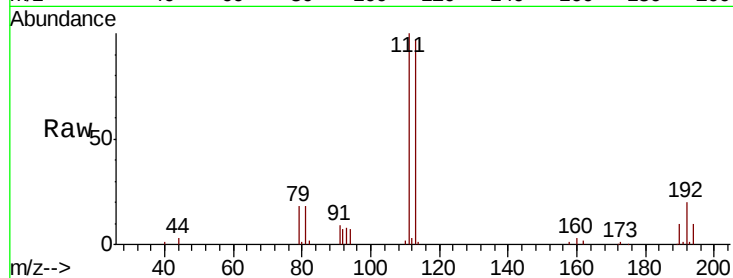
Tot Ion:113 Resp: 224572

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

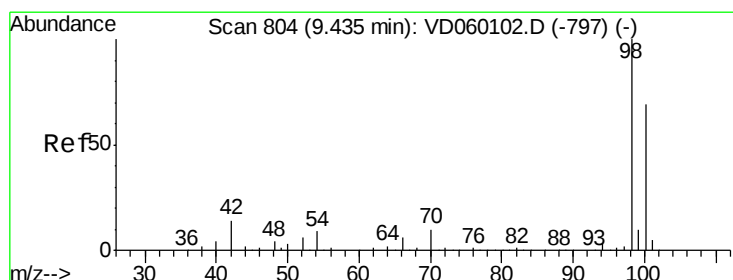
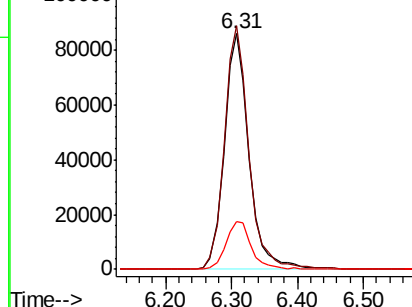
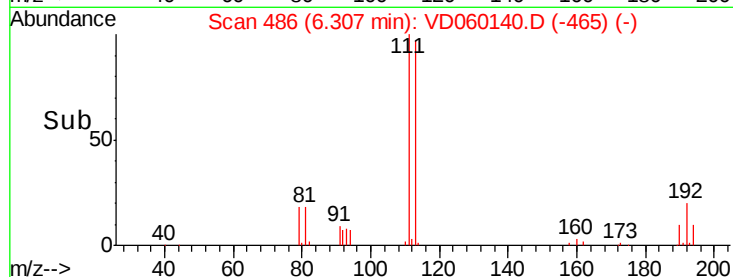
192 20.5 17.4 26.0



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: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060140.D

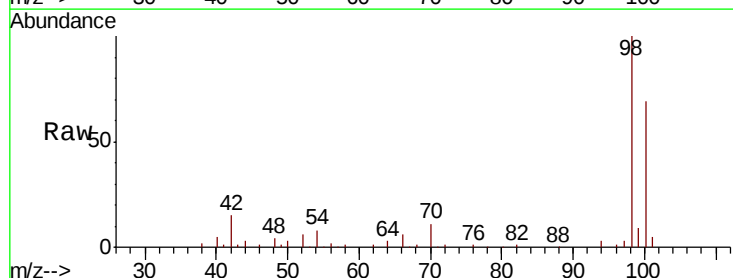
Acq: 5 Oct 2018 16:38

Tgt Ion: 98 Resp: 288842

Ion Ratio Lower Upper

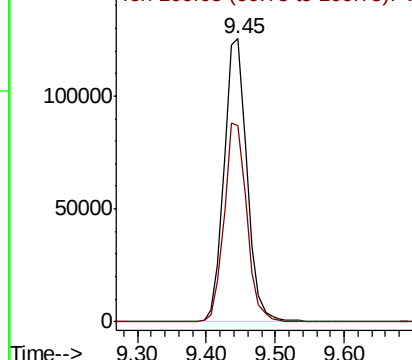
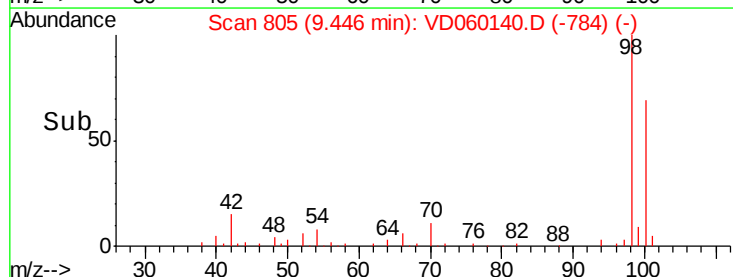
98 100

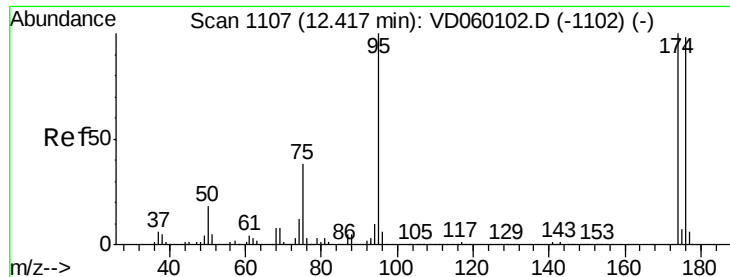
100 69.3 55.4 83.0



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: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

Instrument :

MSVOA_D

ClientSampleId :

STOCK-PILE-A

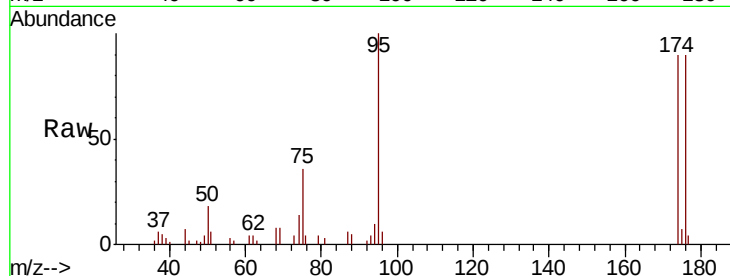
Tot Ion: 95 Resp: 35690

Ion Ratio Lower Upper

95 100

174 90.2 0.0 200.2

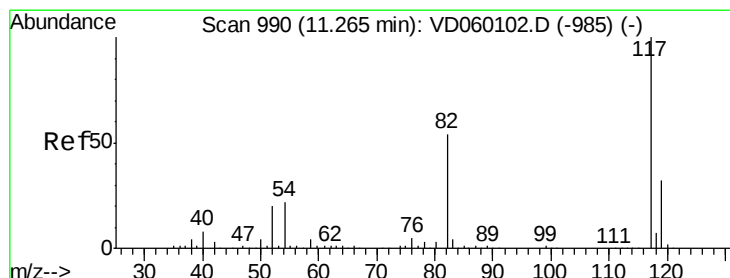
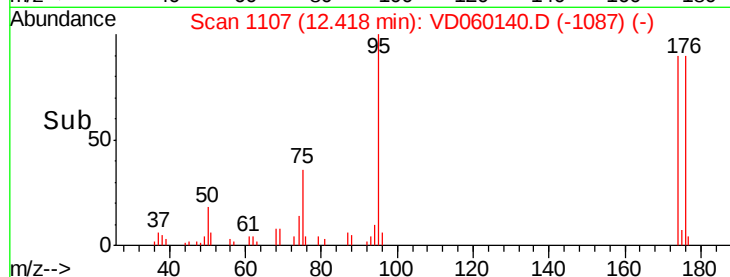
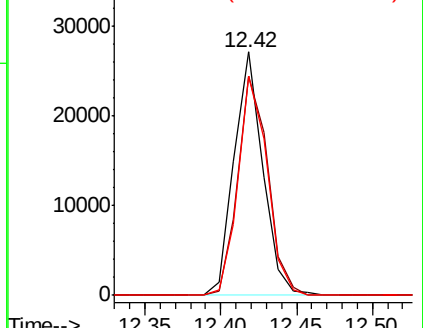
176 90.0 0.0 195.6



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: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060140.D

Acq: 5 Oct 2018 16:38

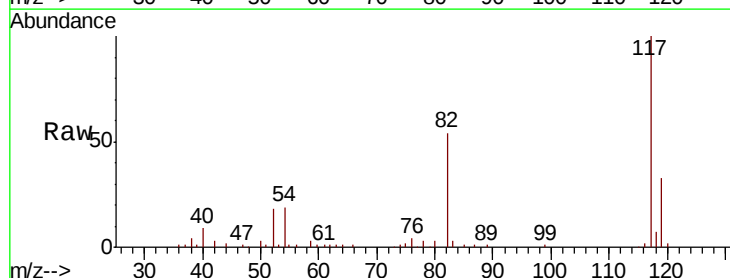
Tgt Ion: 117 Resp: 167542

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.2

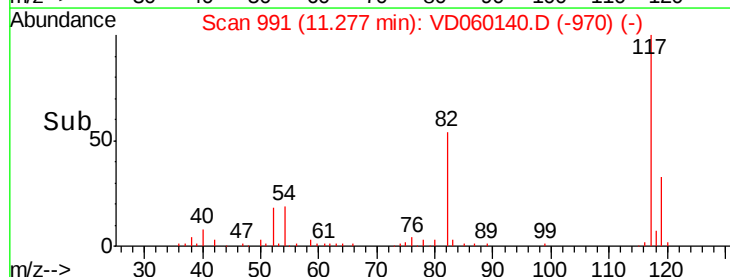
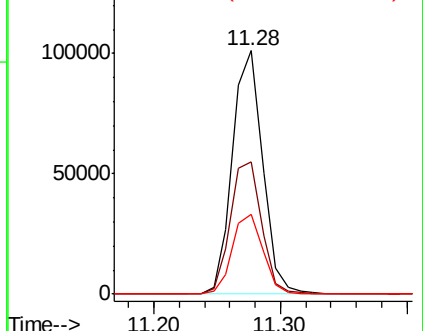
119 32.8 26.0 39.0

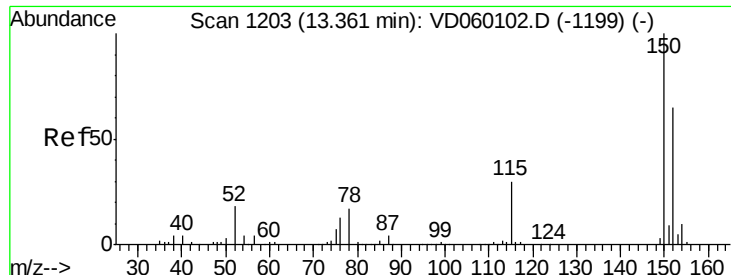


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: VD060140.D
 Acq: 5 Oct 2018 16:38

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.1	81.2
150	154.3	0.0	311.8

