

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060608.D
 Acq On : 17 Dec 2018 19:20
 Operator : VA/AP
 Sample : J6445-03
 Misc : 5.53q/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_1.5-3.5

Quant Time: Dec 18 13:34:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

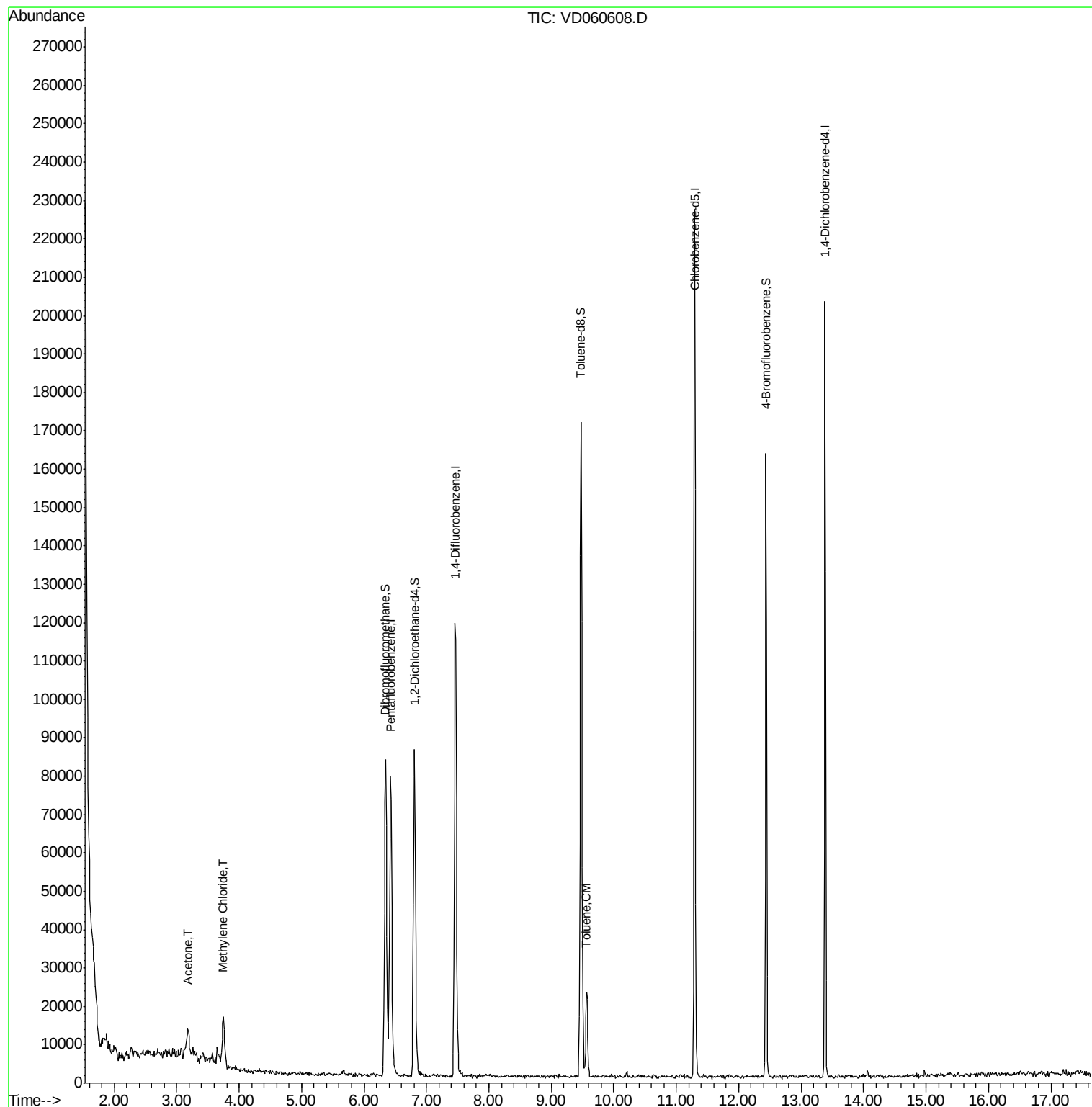
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.43	168	78063	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	123104	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	115218	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	43925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	71591	129.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	258.78%	
35) Dibromofluoromethane	6.34	113	66757	73.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	147.66%	
50) Toluene-d8	9.47	98	129198	49.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.44	95	42834	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
16) Acetone	3.18	43	17388	196.052	ug/l	97
20) Methylene Chloride	3.75	84	7208	4.809	ug/l #	75
52) Toluene	9.56	92	13286	6.912	ug/l	90

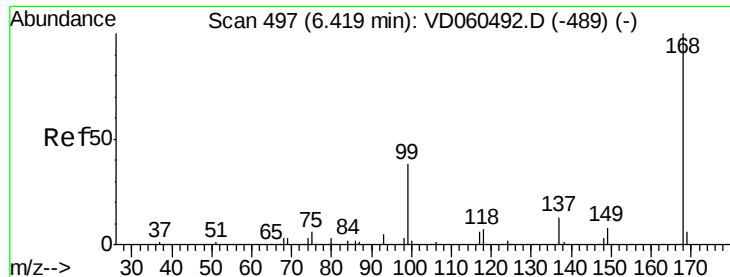
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
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MSVOA_D
ClientSampleId :
EB02_1.5-3.5

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060608.D

Acq: 17 Dec 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

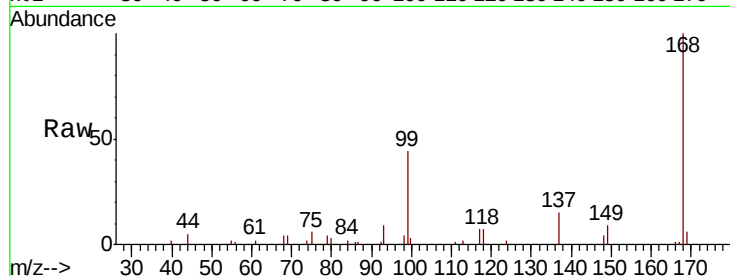
EB02_1.5-3.5

Tot Ion:168 Resp: 78063

Ion Ratio Lower Upper

168 100

99 44.2 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.43

30000

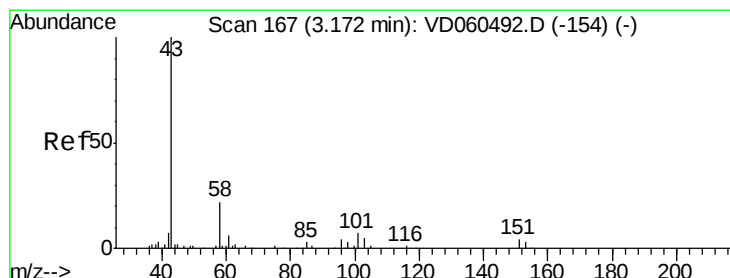
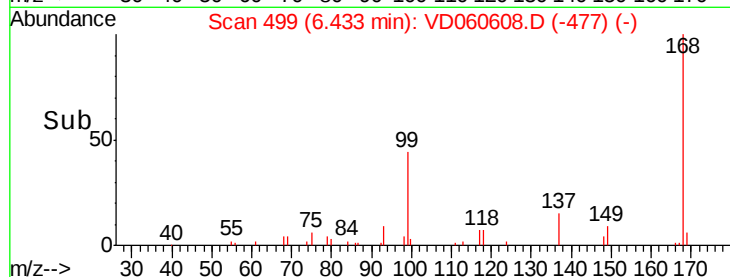
20000

10000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 196.052 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060608.D

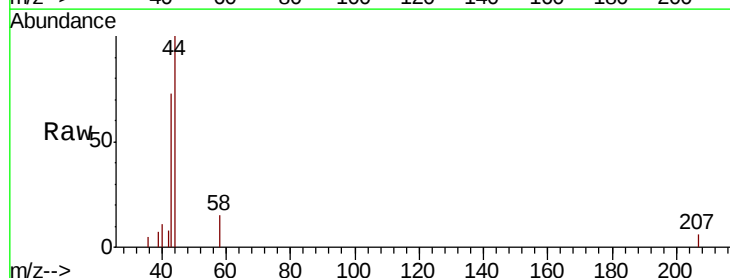
Acq: 17 Dec 2018 19:20

Tgt Ion: 43 Resp: 17388

Ion Ratio Lower Upper

43 100

58 20.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

5000

4000

3000

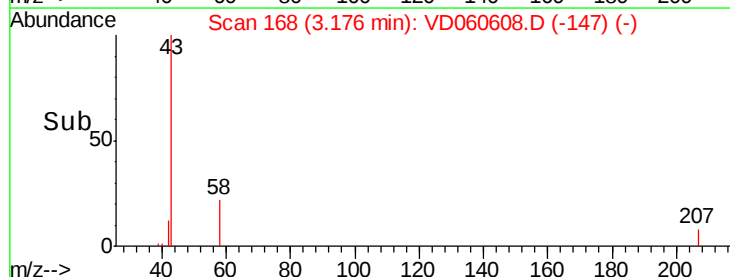
2000

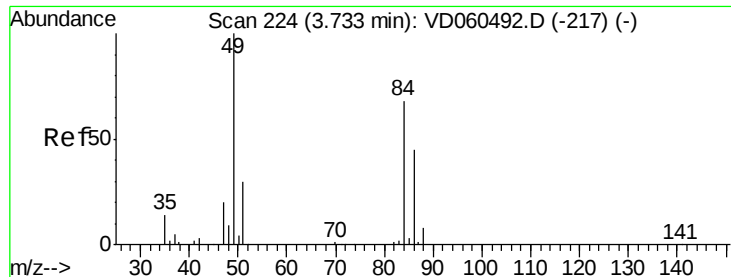
1000

0

Time-->

3.10 3.20 3.30

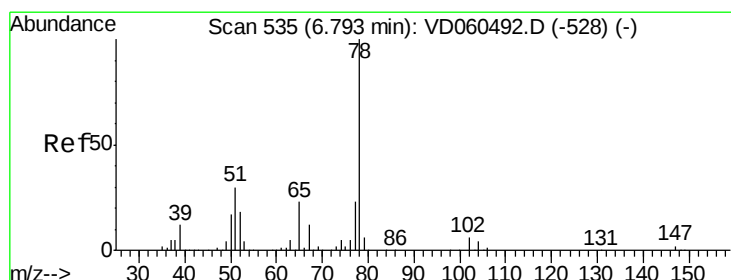
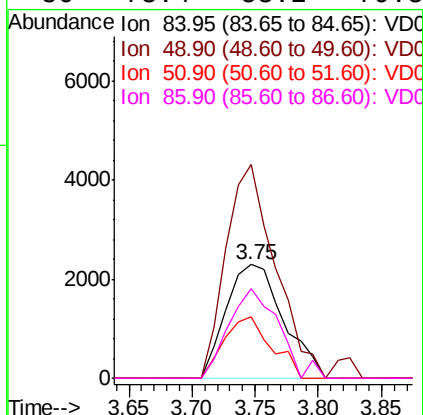
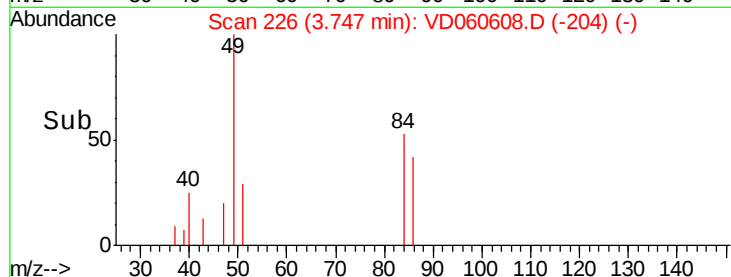
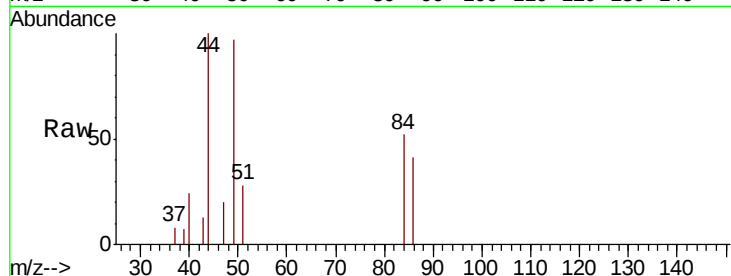




#20
Methvlene Chloride
Concen: 4.809 ug/l
RT: 3.75 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD060608.D
Acq: 17 Dec 2018 19:20

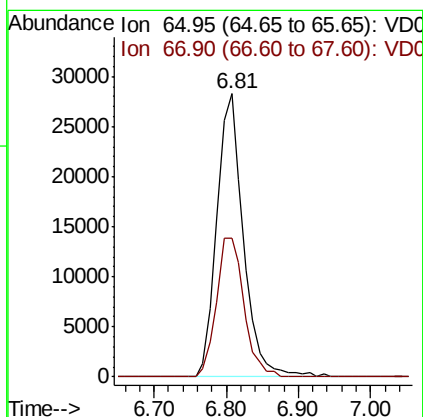
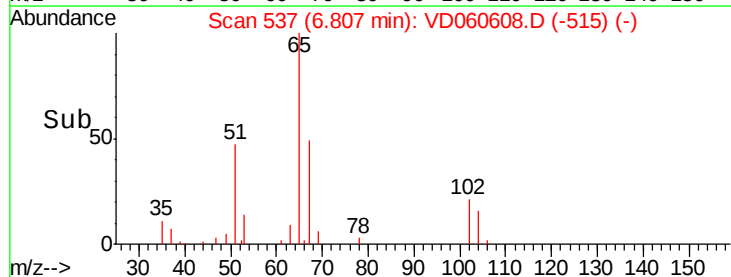
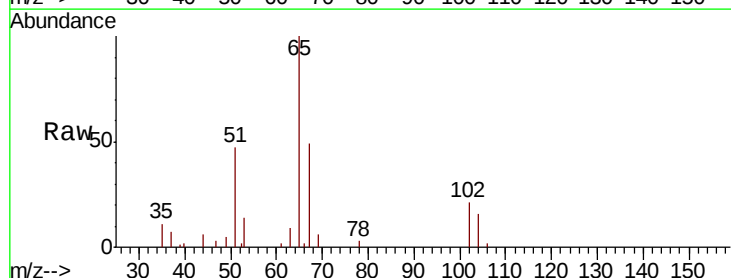
Instrument :
MSVOA_D
ClientSampleId :
EB02_1.5-3.5

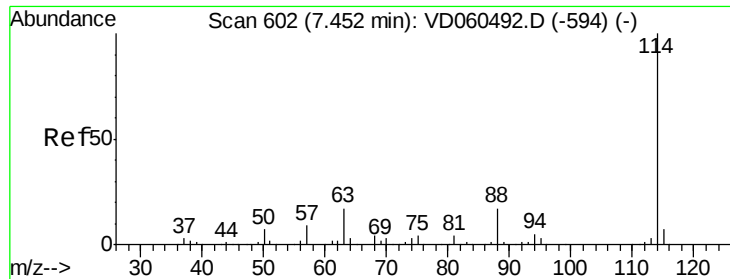
Tot Ion: 84 Resp: 7208
Ion Ratio Lower Upper
84 100
49 187.7 117.2 175.8#
51 54.0 35.3 52.9#
86 78.4 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD060608.D
Acq: 17 Dec 2018 19:20

Tgt Ion: 65 Resp: 71591
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.8

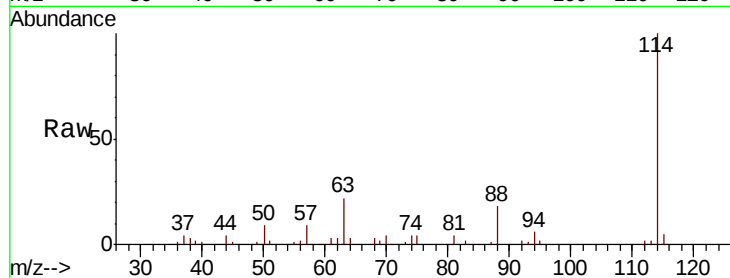




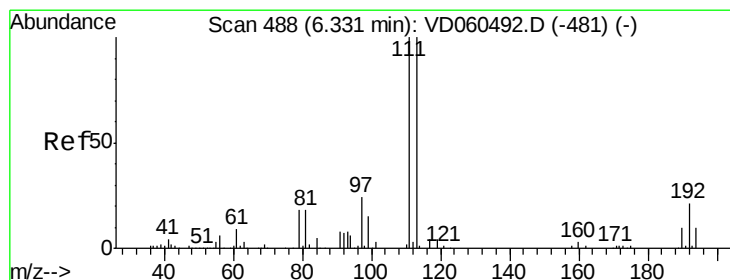
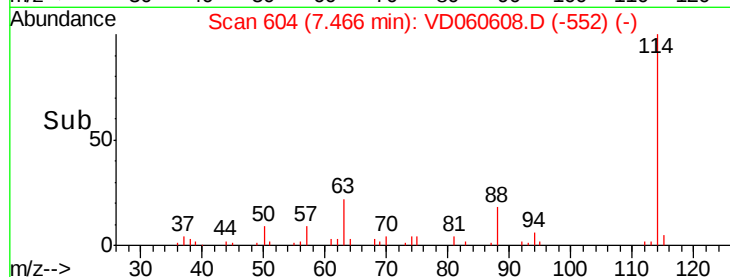
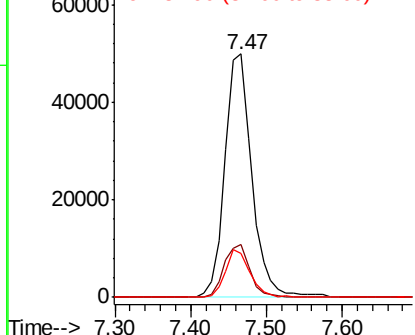
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD060608.D
 Acq: 17 Dec 2018 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_1.5-3.5

Tot Ion:114 Resp: 123104
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 34.2
 88 18.3 0.0 35.0

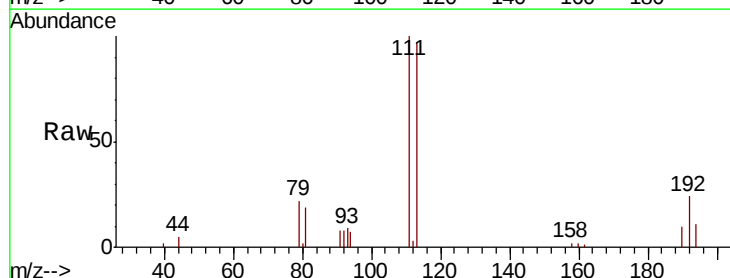


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

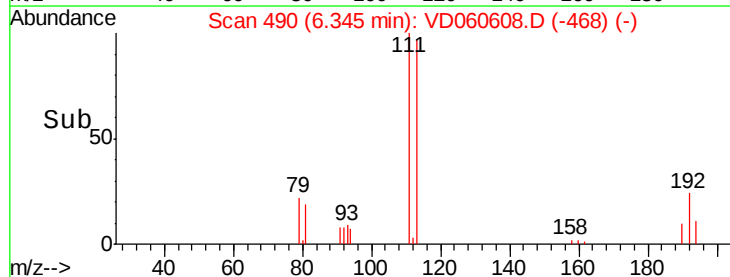
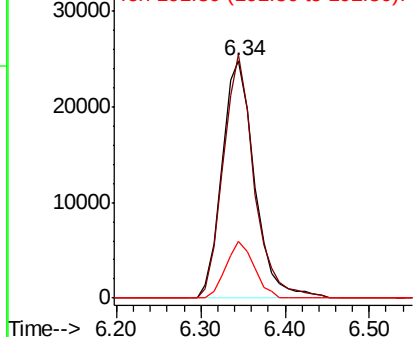


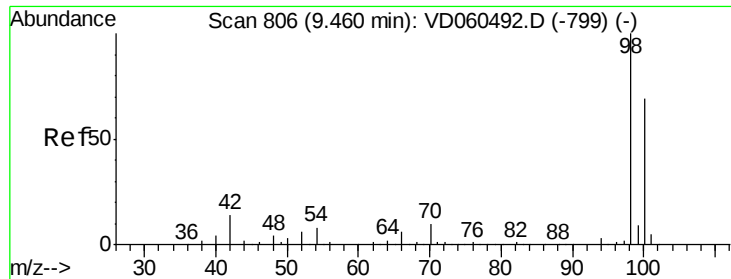
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060608.D
 Acq: 17 Dec 2018 19:20

Tgt Ion:113 Resp: 66757
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.2 120.4
 192 24.2 16.6 24.8



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: 9.47 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060608.D

Acq: 17 Dec 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

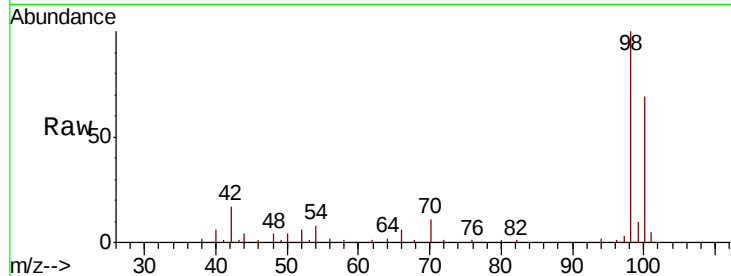
EB02_1.5-3.5

Tot Ion: 98 Resp: 129198

Ion Ratio Lower Upper

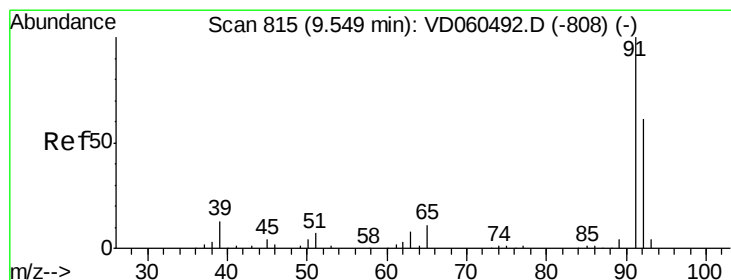
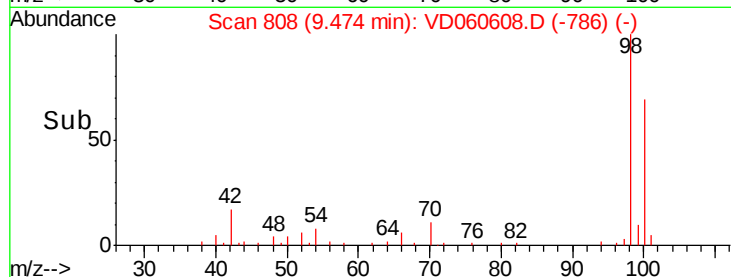
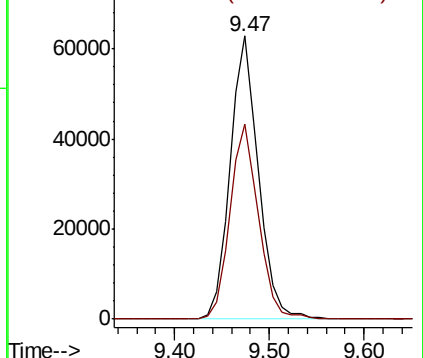
98 100

100 68.7 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 6.912 ug/l

RT: 9.56 min Scan# 817

Delta R.T. 0.01 min

Lab File: VD060608.D

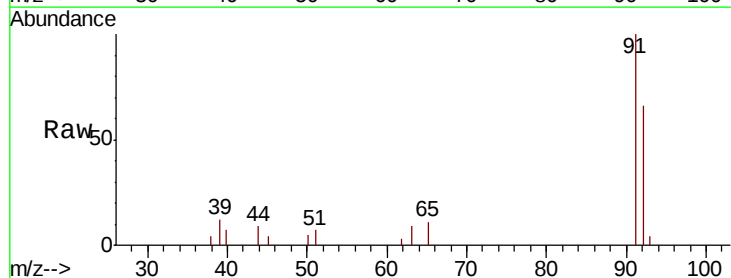
Acq: 17 Dec 2018 19:20

Tgt Ion: 92 Resp: 13286

Ion Ratio Lower Upper

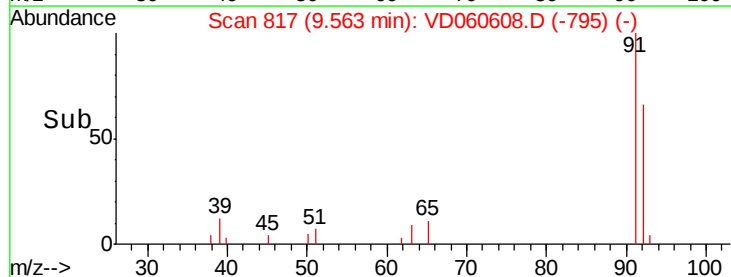
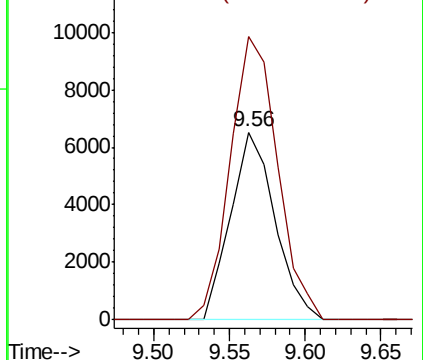
92 100

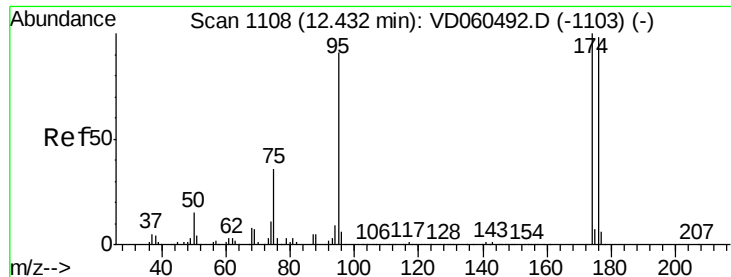
91 150.8 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060608.D

Acq: 17 Dec 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

EB02_1.5-3.5

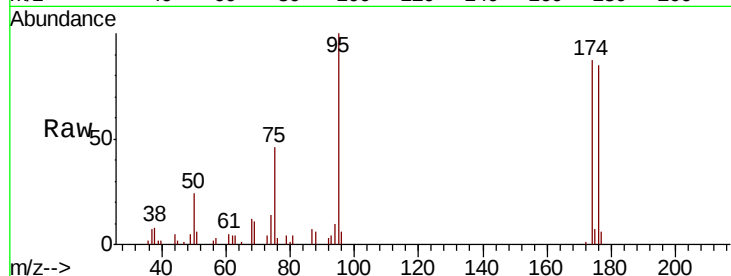
Tot Ion: 95 Resp: 42834

Ion Ratio Lower Upper

95 100

174 86.9 0.0 219.4

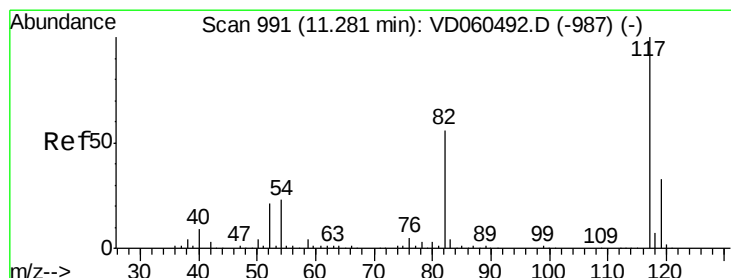
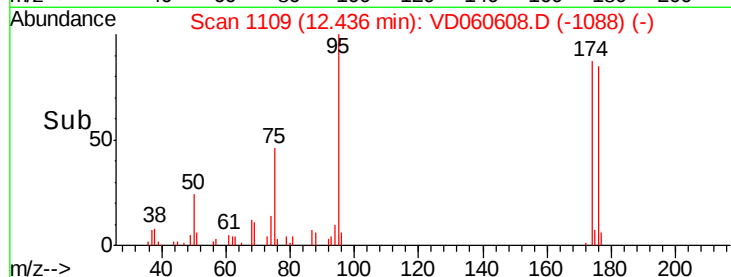
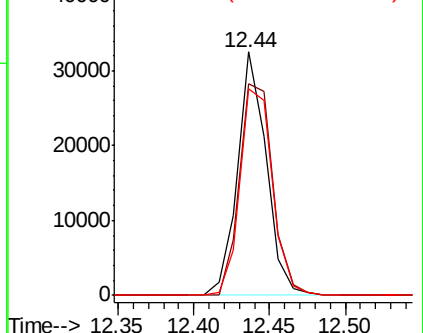
176 84.6 0.0 214.6



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: 11.29 min Scan# 993

Delta R.T. 0.01 min

Lab File: VD060608.D

Acq: 17 Dec 2018 19:20

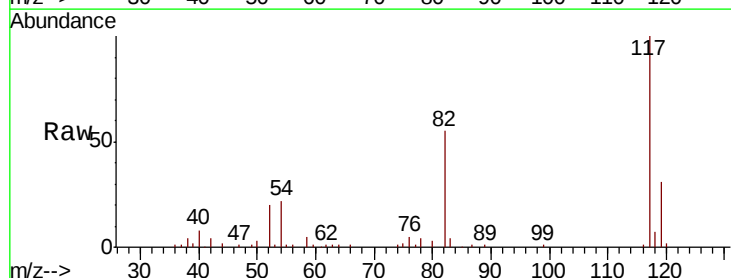
Tgt Ion: 117 Resp: 115218

Ion Ratio Lower Upper

117 100

82 54.5 45.2 67.8

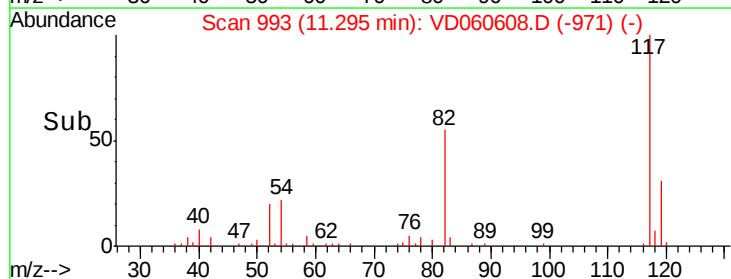
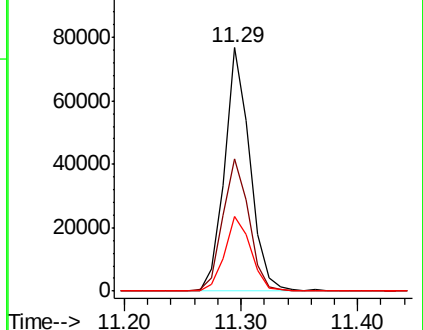
119 30.9 26.1 39.1

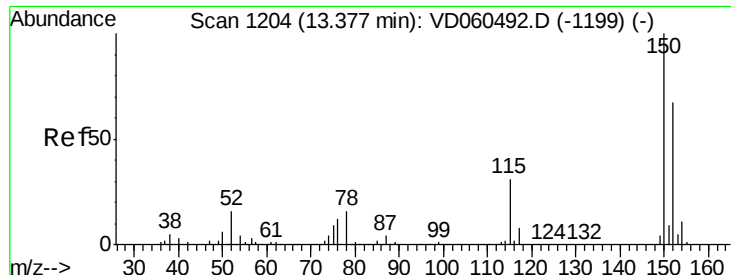


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

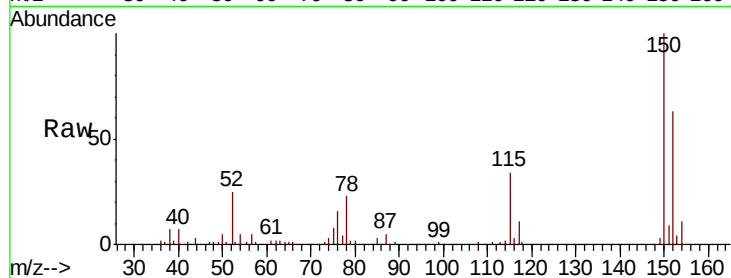




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: VD060608.D
 Acq: 17 Dec 2018 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_1.5-3.5

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.2	24.6	74.0
150	158.3	0.0	309.0



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

