

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060627.D
 Acq On : 18 Dec 2018 18:03
 Operator : VA/AP
 Sample : J6445-03RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_1.5-3.5RE

Quant Time: Dec 19 03:25:41 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

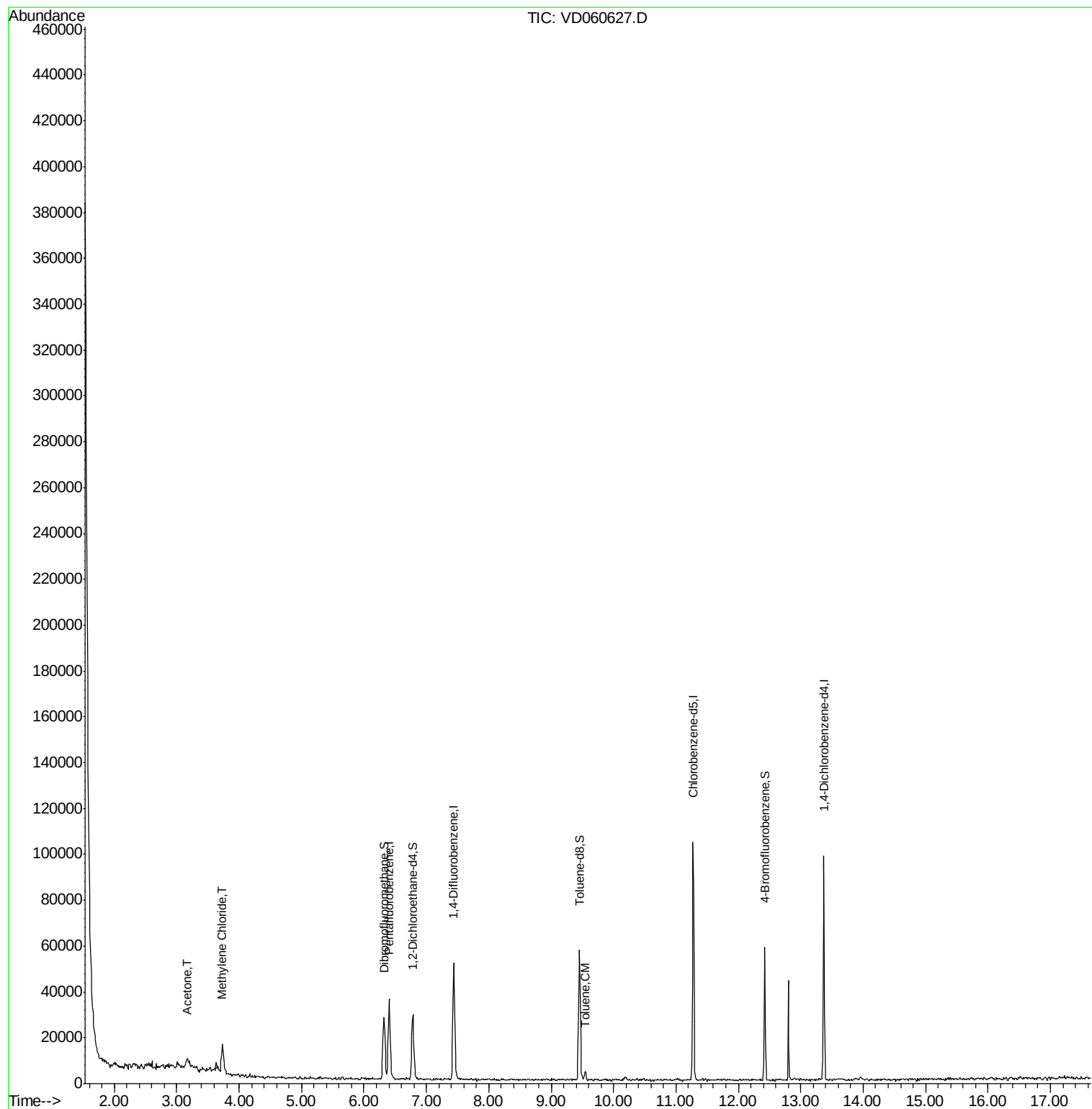
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	34150	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	52877	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	53798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	22483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	26014	107.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	214.94%	
35) Dibromofluoromethane	6.32	113	23201	59.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.48%	
50) Toluene-d8	9.45	98	46543	41.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.82%	
62) 4-Bromofluorobenzene	12.43	95	15650	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
Target Compounds						
16) Acetone	3.16	43	8076	208.149	ug/l #	85
20) Methylene Chloride	3.74	84	7378	17.832	ug/l #	95
52) Toluene	9.55	92	2268	2.747	ug/l #	53

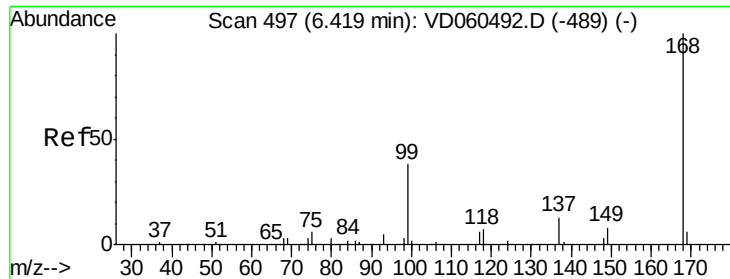
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
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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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

Instrument :

MSVOA_D

ClientSampleId :

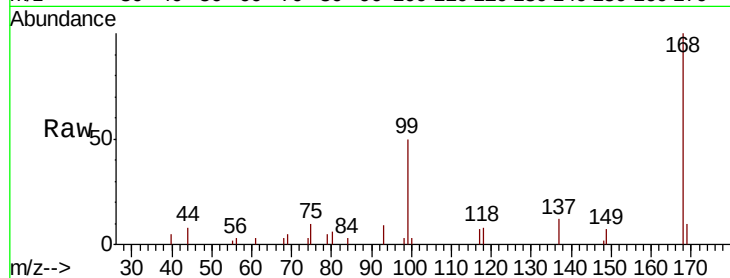
EB02_1.5-3.5RE

Tot Ion:168 Resp: 34150

Ion Ratio Lower Upper

168 100

99 50.1 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

15000

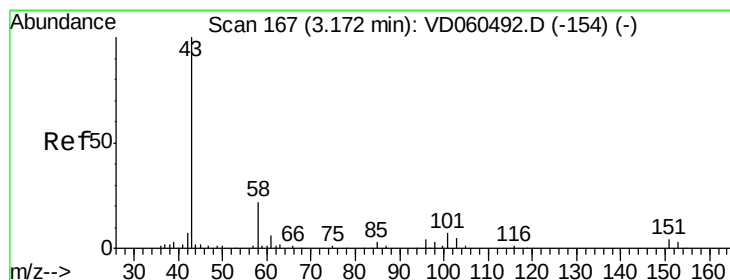
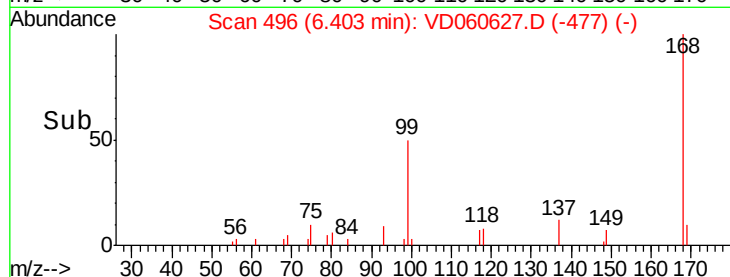
10000

5000

0

Time-->

6.30 6.40 6.50



#16

Acetone

Concen: 208.149 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060627.D

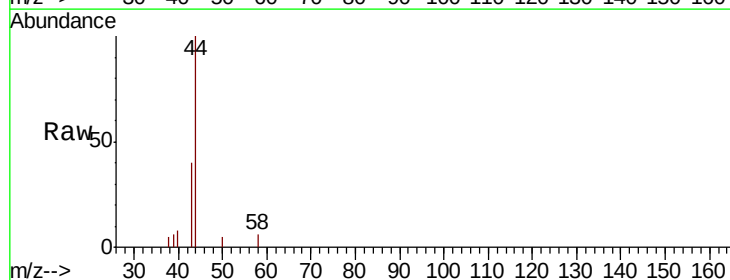
Acq: 18 Dec 2018 18:03

Tgt Ion: 43 Resp: 8076

Ion Ratio Lower Upper

43 100

58 14.5 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

2500

2000

1500

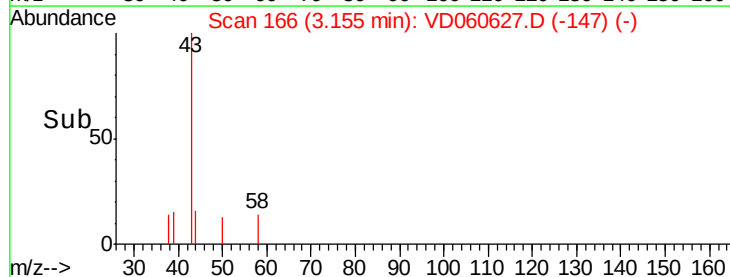
1000

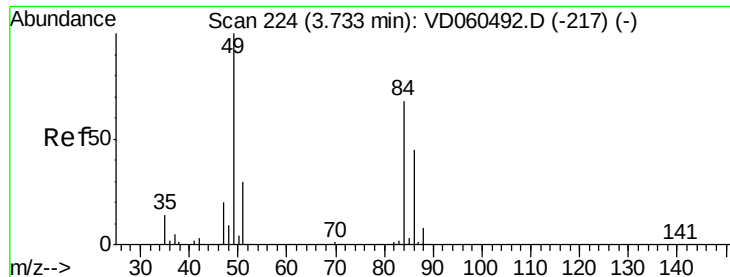
500

0

Time-->

3.10 3.15 3.20 3.25

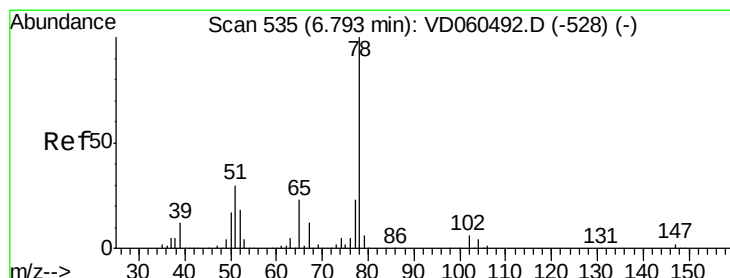
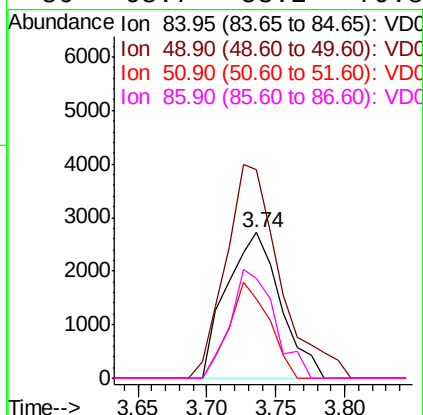
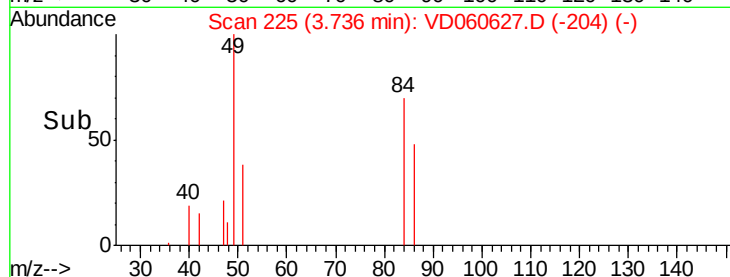
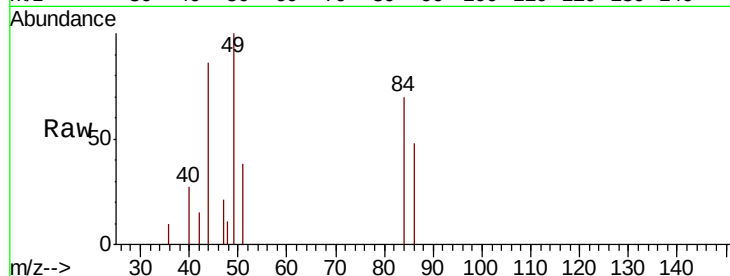




#20
Methylene Chloride
Concen: 17.832 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.00 min
Lab File: VD060627.D
Acq: 18 Dec 2018 18:03

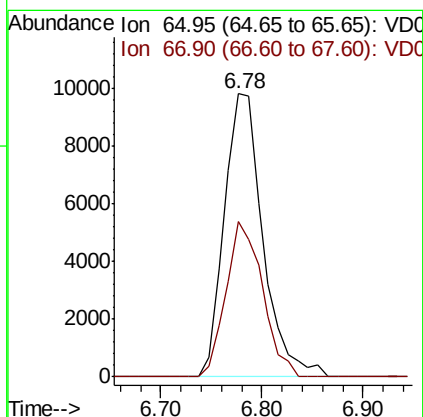
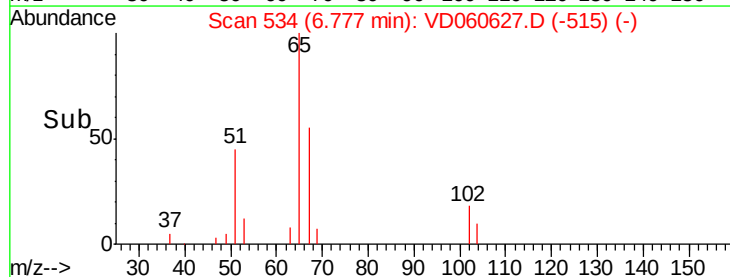
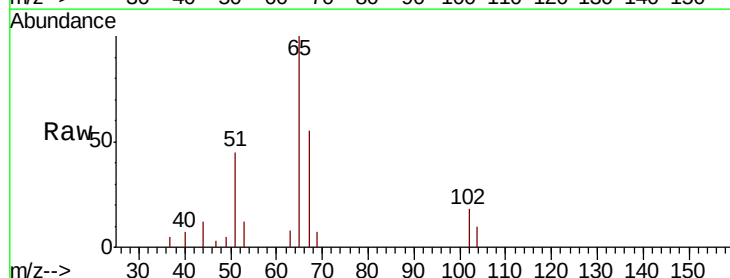
Instrument :
MSVOA_D
ClientSampleId :
EB02_1.5-3.5RE

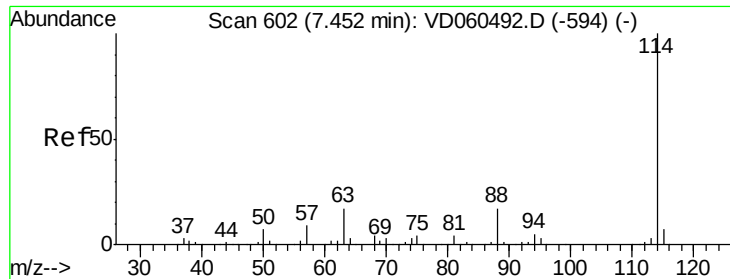
Tot Ion: 84 Resp: 7378
Ion Ratio Lower Upper
84 100
49 143.1 117.2 175.8
51 54.1 35.3 52.9#
86 68.7 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.02 min
Lab File: VD060627.D
Acq: 18 Dec 2018 18:03

Tgt Ion: 65 Resp: 26014
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

Instrument :

MSVOA_D

ClientSampleId :

EB02_1.5-3.5RE

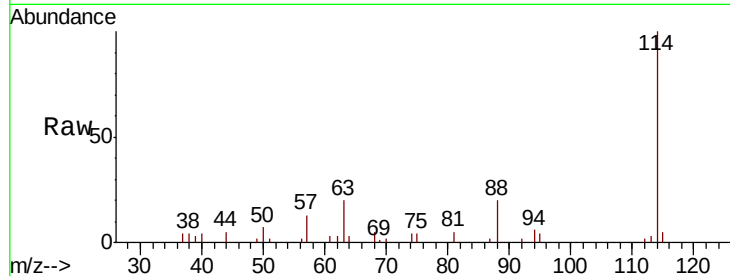
Tot Ion:114 Resp: 52877

Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.2

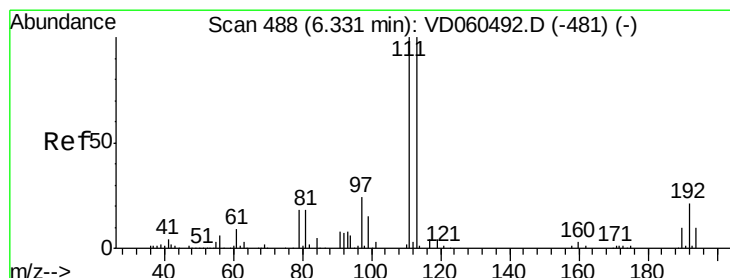
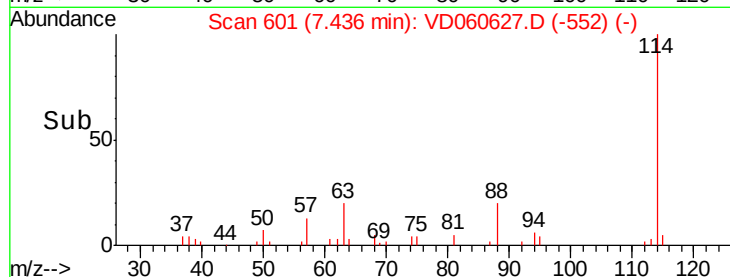
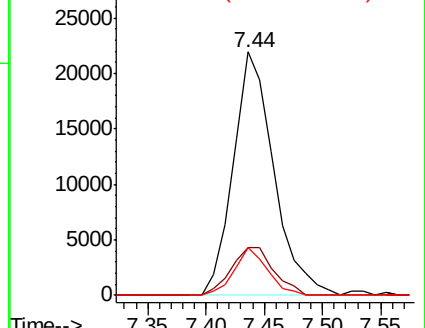
88 19.9 0.0 35.0



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: 6.32 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

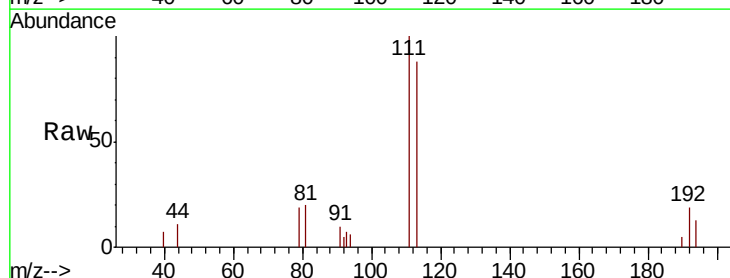
Tgt Ion:113 Resp: 23201

Ion Ratio Lower Upper

113 100

111 114.0 80.2 120.4

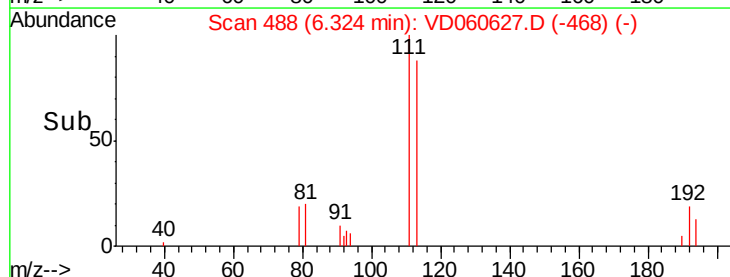
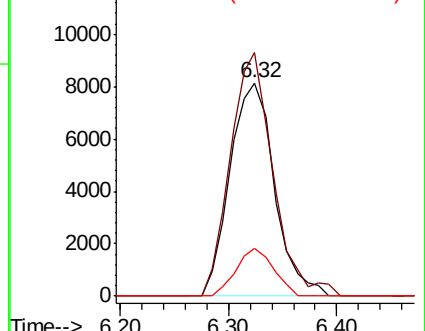
192 22.1 16.6 24.8

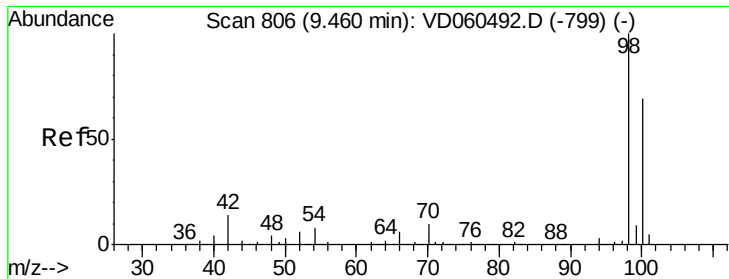


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

Instrument :

MSVOA_D

ClientSampleId :

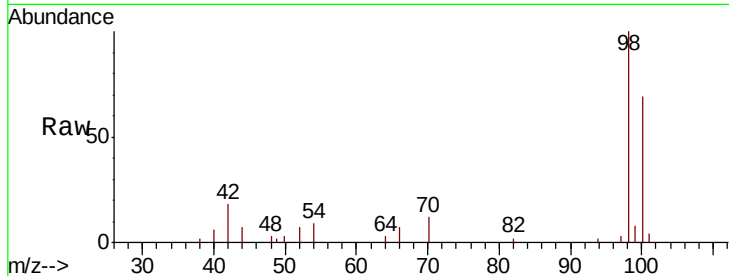
EB02_1.5-3.5RE

Tot Ion: 98 Resp: 46543

Ion Ratio Lower Upper

98 100

100 68.9 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)

Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

25000

20000

15000

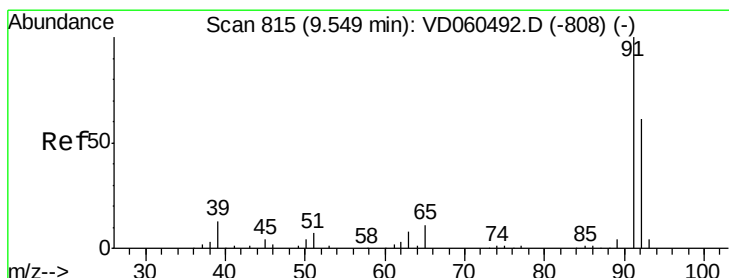
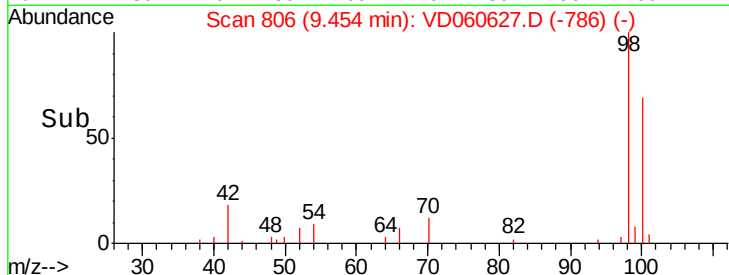
10000

5000

0

9.35 9.40 9.45 9.50 9.55

Time-->



#52

Toluene

Concen: 2.747 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.00 min

Lab File: VD060627.D

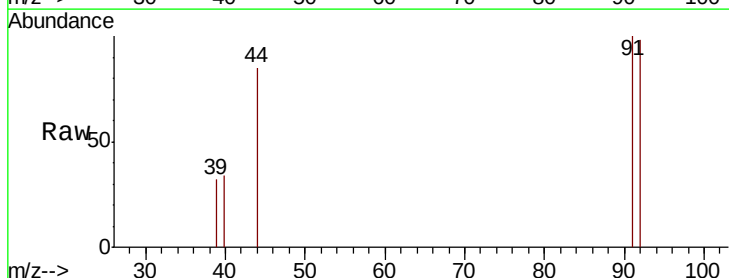
Acq: 18 Dec 2018 18:03

Tgt Ion: 92 Resp: 2268

Ion Ratio Lower Upper

92 100

91 102.0 131.7 197.5#



Abundance Ion 92.00 (91.70 to 92.70): VD060492.D (-808) (-)

Ion 91.00 (90.70 to 91.70): VD060492.D (-808) (-)

1500

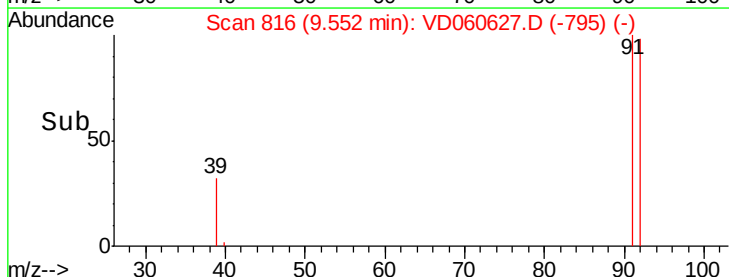
1000

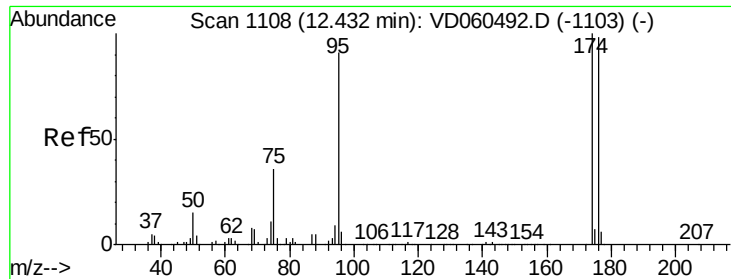
500

0

9.50 9.55

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

Instrument :

MSVOA_D

ClientSampleId :

EB02_1.5-3.5RE

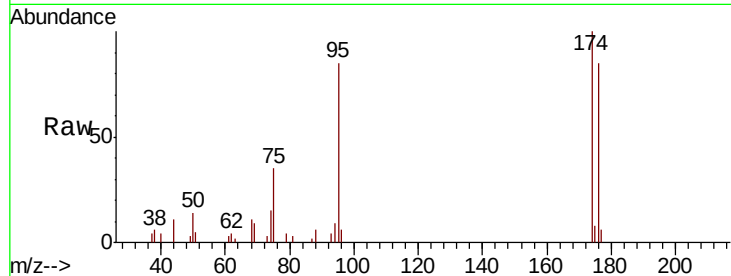
Tot Ion: 95 Resp: 15650

Ion Ratio Lower Upper

95 100

174 117.7 0.0 219.4

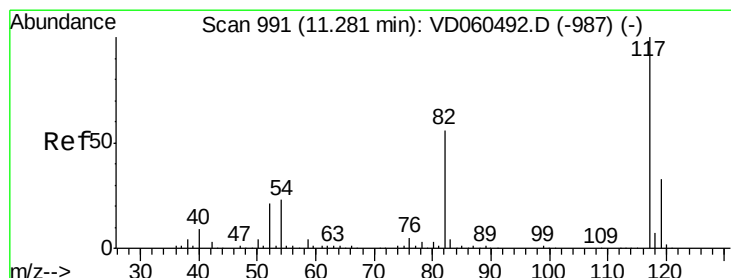
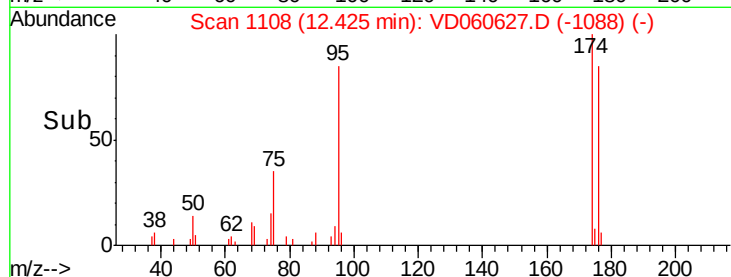
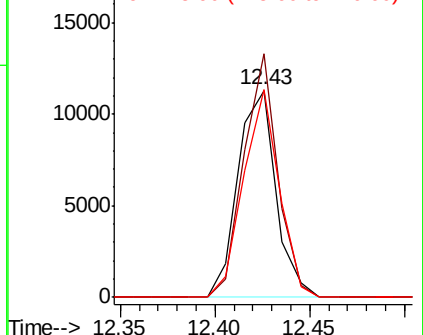
176 100.4 0.0 214.6



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: 11.27 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD060627.D

Acq: 18 Dec 2018 18:03

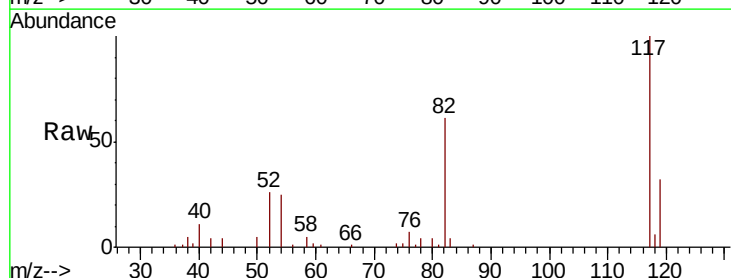
Tgt Ion: 117 Resp: 53798

Ion Ratio Lower Upper

117 100

82 60.7 45.2 67.8

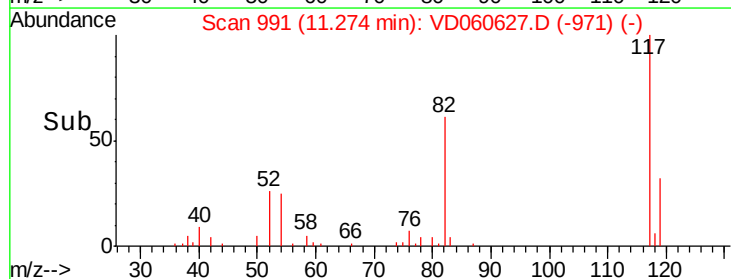
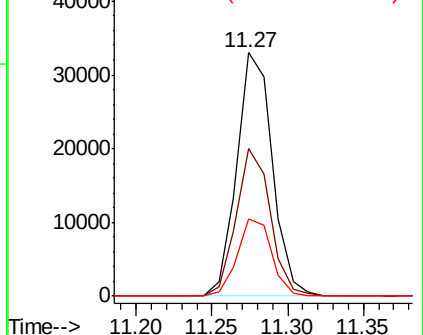
119 31.8 26.1 39.1

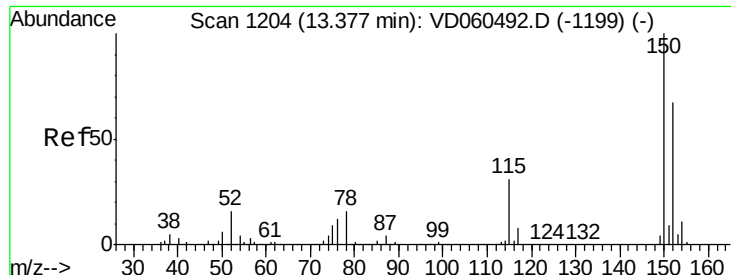


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

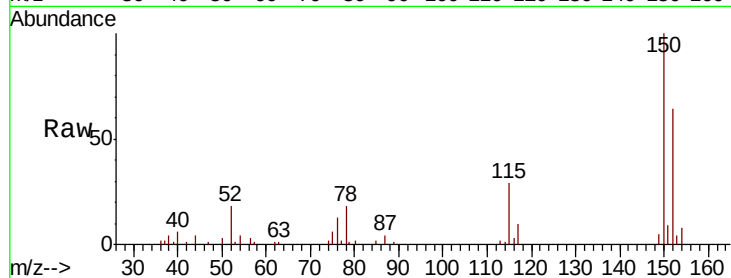




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060627.D
 Acq: 18 Dec 2018 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_1.5-3.5RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	45.6	24.6	74.0
150	156.7	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

