

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060588.D
 Acq On : 14 Dec 2018 22:12
 Operator : VA/AP
 Sample : J6397-01
 Misc : 4.79g/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB10_1.5-2.5

Quant Time: Dec 14 23:27:23 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

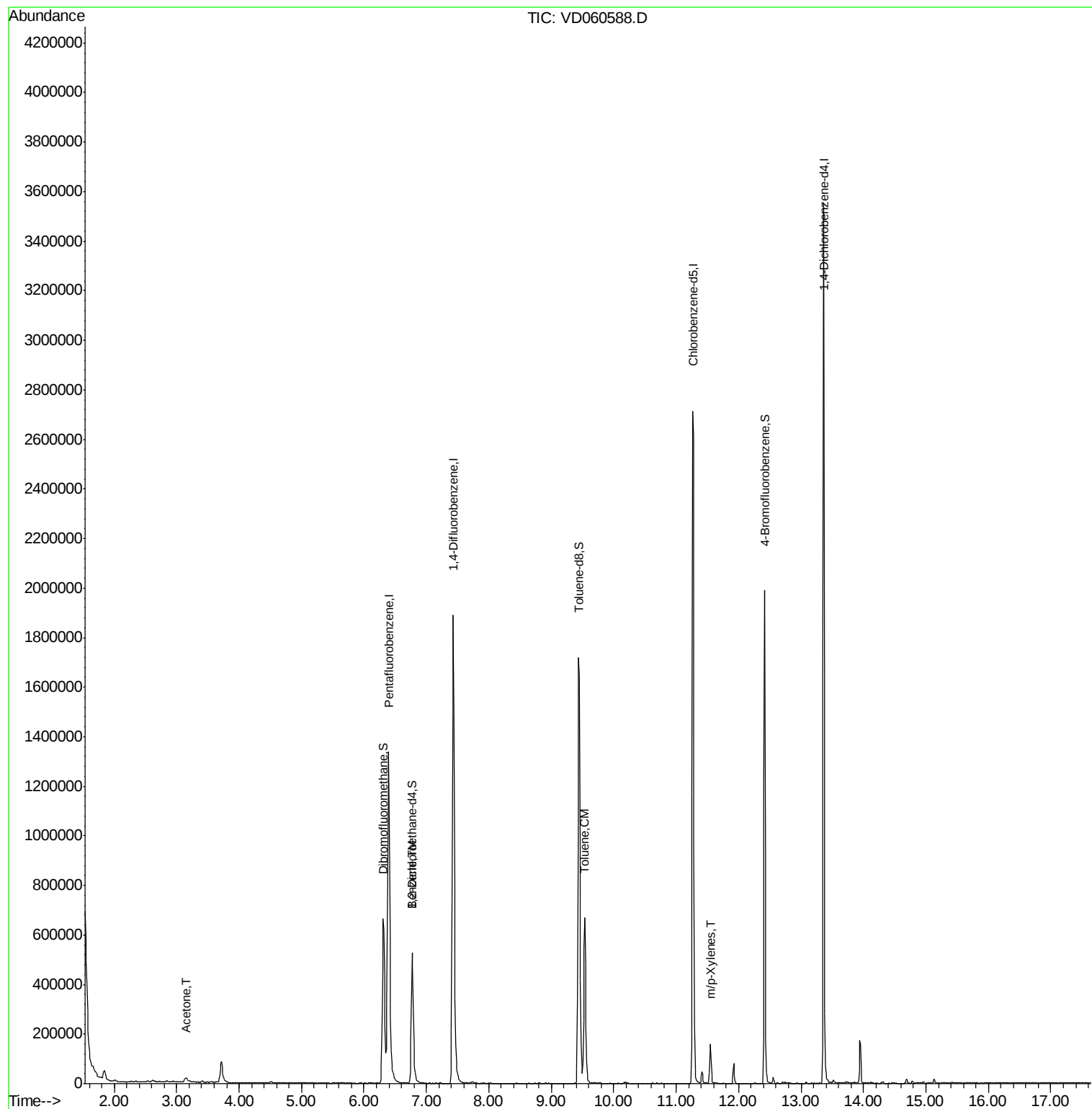
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1320901	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1937192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1578202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	768632	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	400776	42.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.62%	
35) Dibromofluoromethane	6.31	113	537051	37.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.48%	
50) Toluene-d8	9.44	98	1403648	34.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	12.42	95	533824	36.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.46%	
Target Compounds						
16) Acetone	3.15	43	43460	28.959	ug/l	98
40) Benzene	6.78	78	49786	1.029	ug/l	91
52) Toluene	9.53	92	336238	11.116	ug/l	98
68) m/p-Xylenes	11.55	106	46564	2.210	ug/l	97

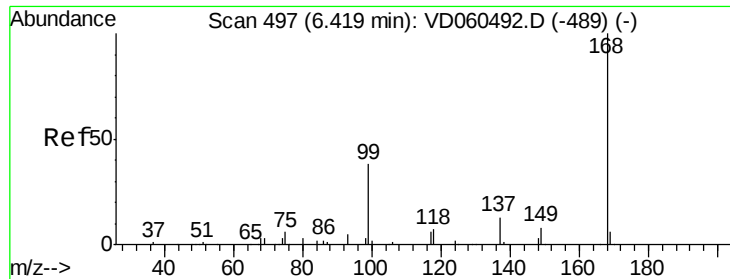
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.39 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

Instrument :

MSVOA_D

ClientSampleId :

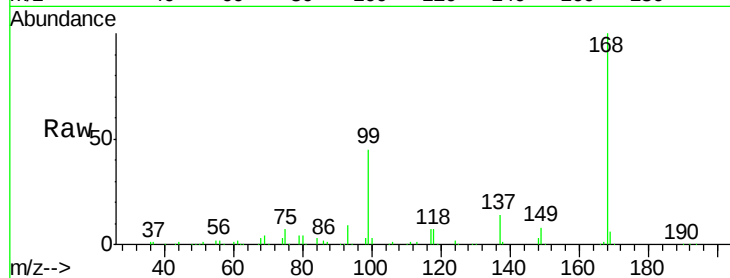
EB10_1.5-2.5

Tgt Ion:168 Resp: 1320901

Ion Ratio Lower Upper

168 100

99 44.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

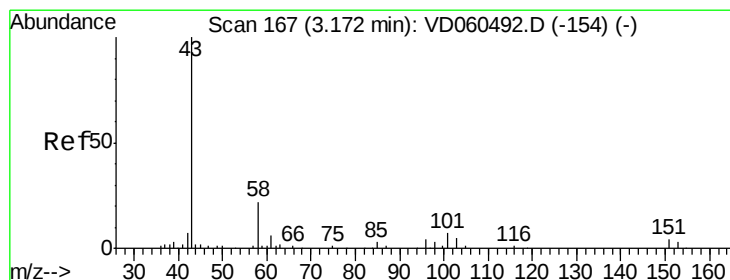
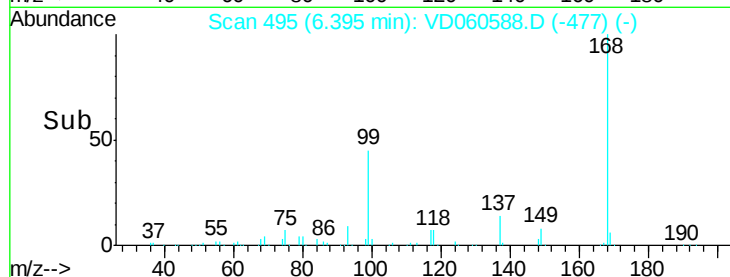
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 28.959 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060588.D

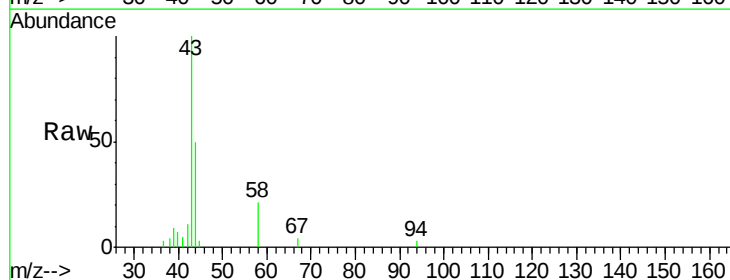
Acq: 14 Dec 2018 22:12

Tgt Ion: 43 Resp: 43460

Ion Ratio Lower Upper

43 100

58 20.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

12000

10000

8000

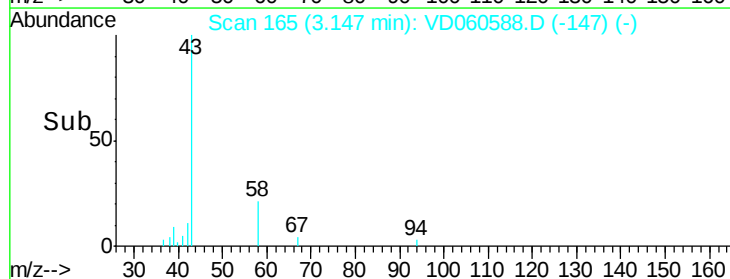
6000

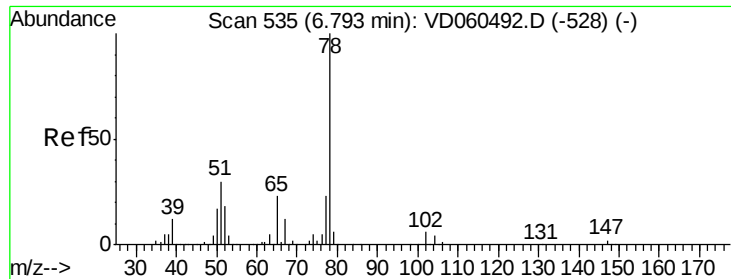
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

Instrument :

MSVOA_D

ClientSampleId :

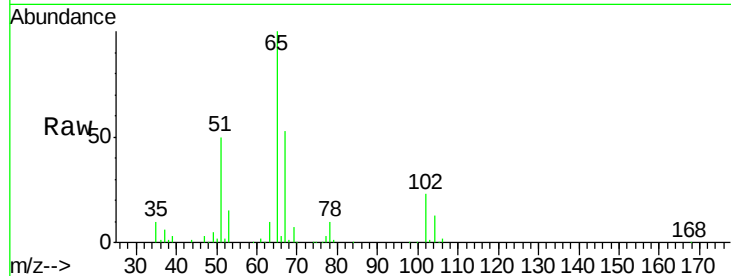
EB10_1.5-2.5

Tgt Ion: 65 Resp: 400776

Ion Ratio Lower Upper

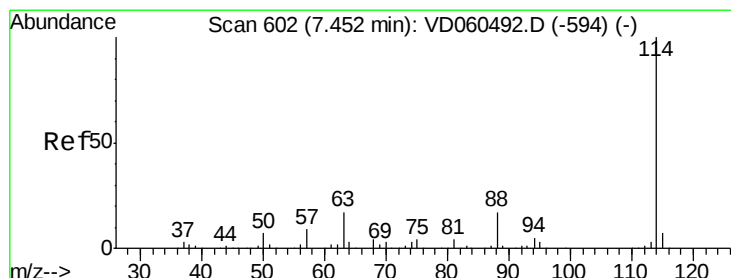
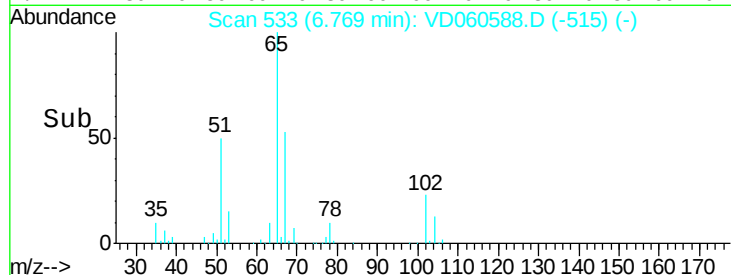
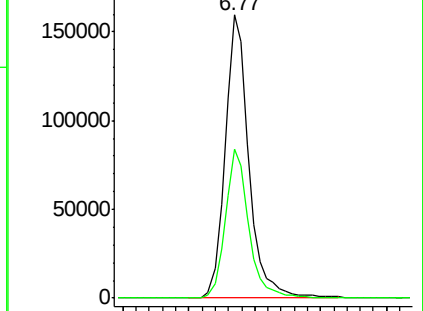
65 100

67 52.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.02 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

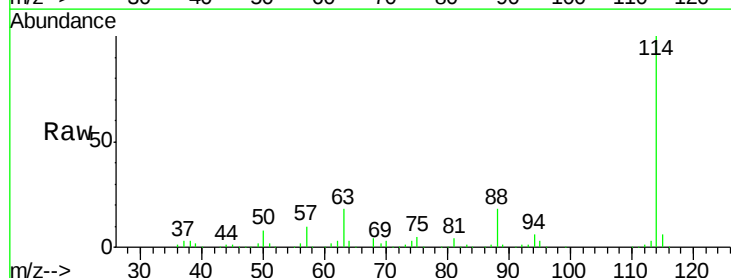
Tgt Ion: 114 Resp: 1937192

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.2

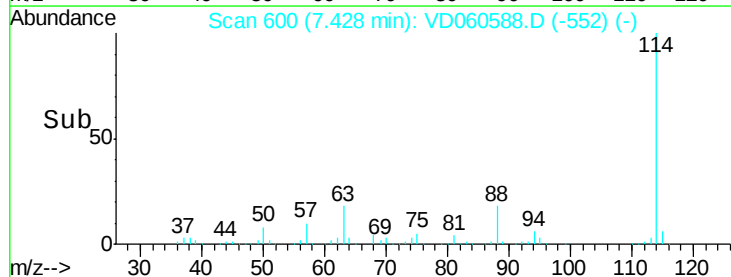
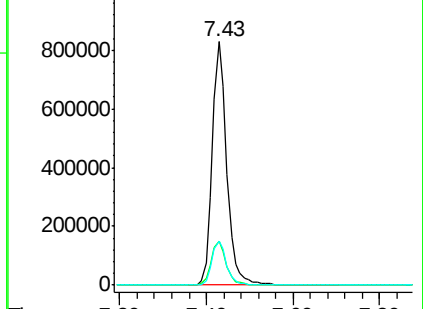
88 18.2 0.0 35.0

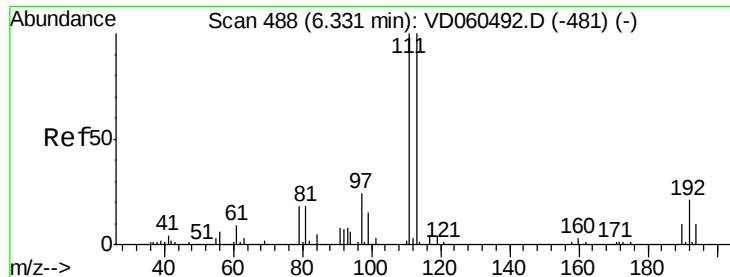


Abundance Ion 114.00 (113.70 to 114.70): V

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. -0.02 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

Instrument :

MSVOA_D

ClientSampleId :

EB10_1.5-2.5

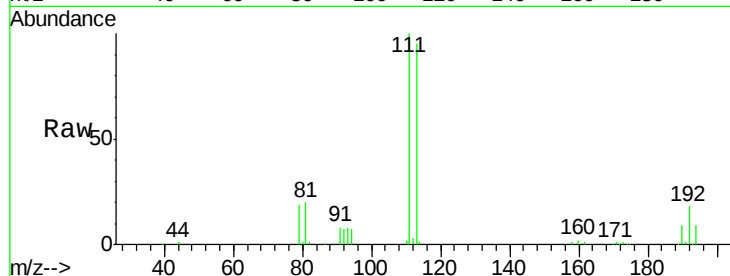
Tgt Ion:113 Resp: 537051

Ion Ratio Lower Upper

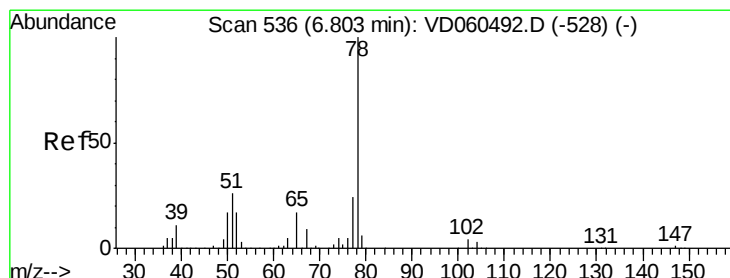
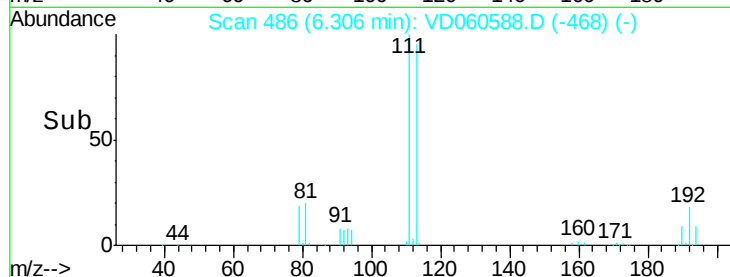
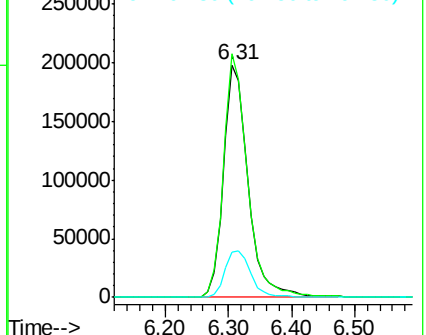
113 100

111 104.8 80.2 120.4

192 19.2 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



#40

Benzene

Concen: 1.029 ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060588.D

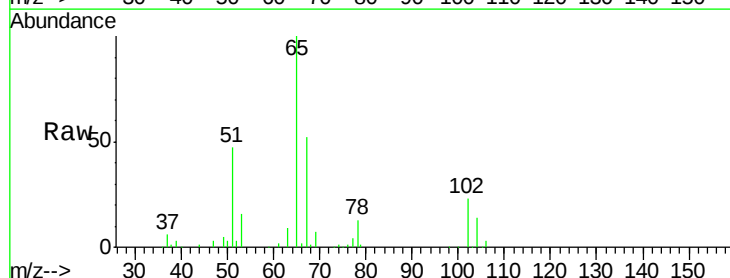
Acq: 14 Dec 2018 22:12

Tgt Ion: 78 Resp: 49786

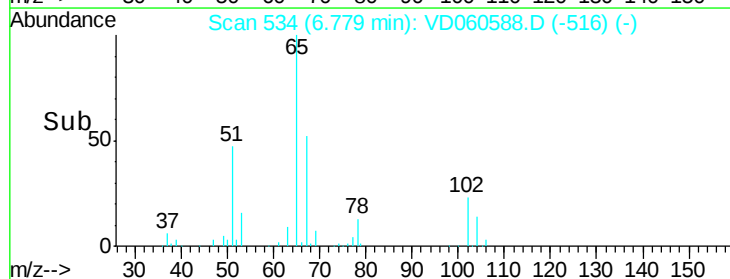
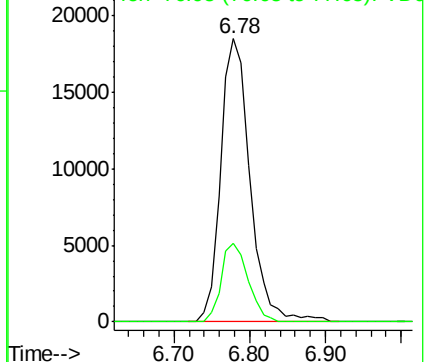
Ion Ratio Lower Upper

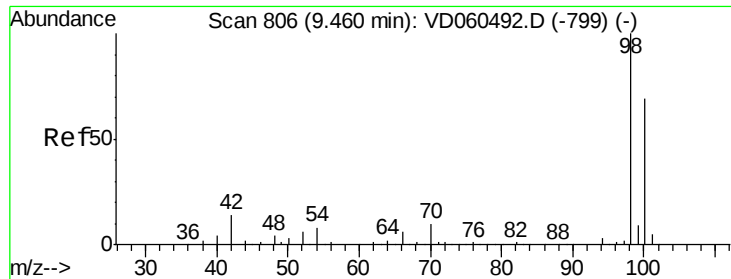
78 100

77 28.0 18.9 28.3



Abundance Ion 77.95 (77.65 to 78.65): V
Ion 76.95 (76.65 to 77.65): V

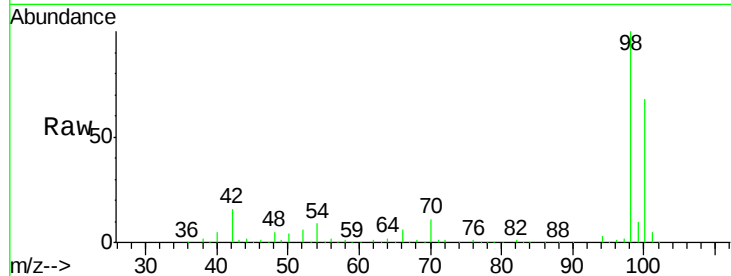




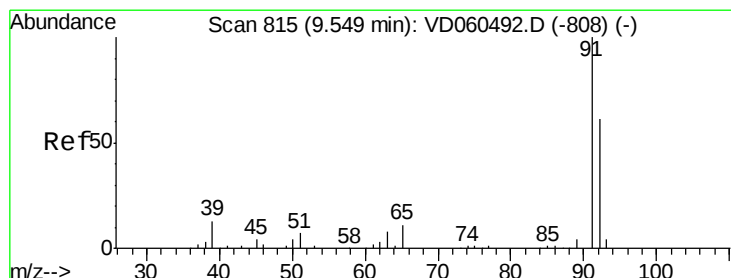
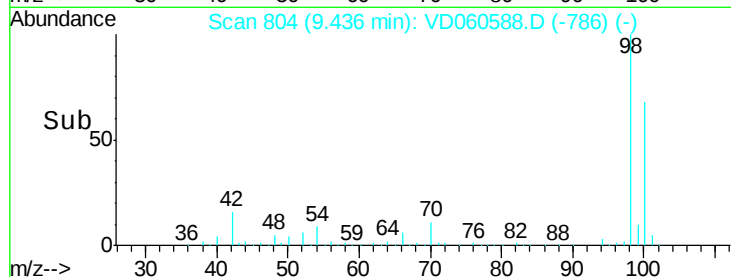
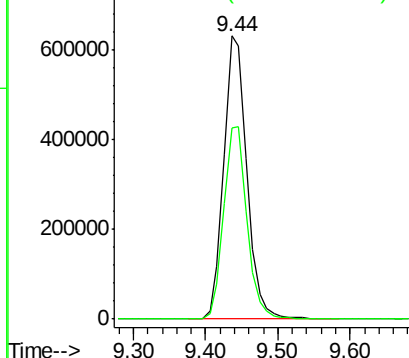
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument :
MSVOA_D
ClientSampleId :
EB10_1.5-2.5

Tgt Ion: 98 Resp: 1403648
Ion Ratio Lower Upper
98 100
100 67.7 55.7 83.5

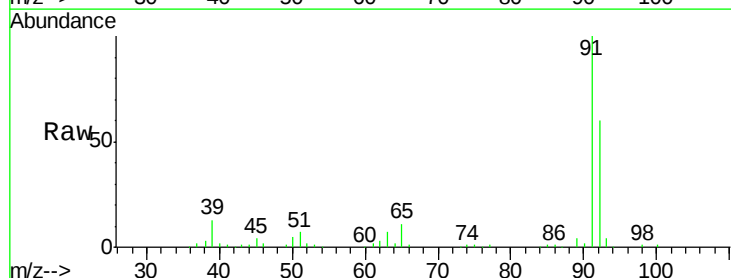


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

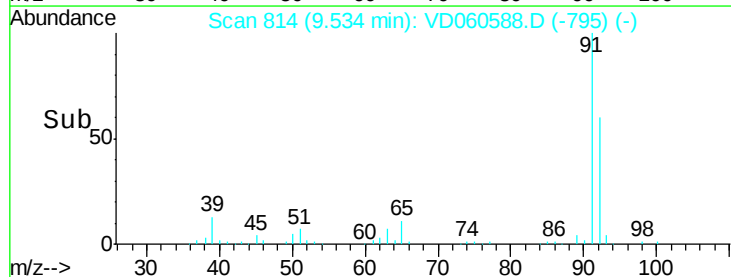
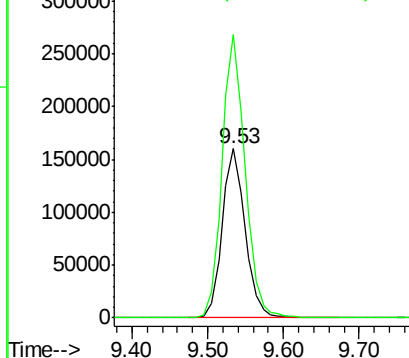


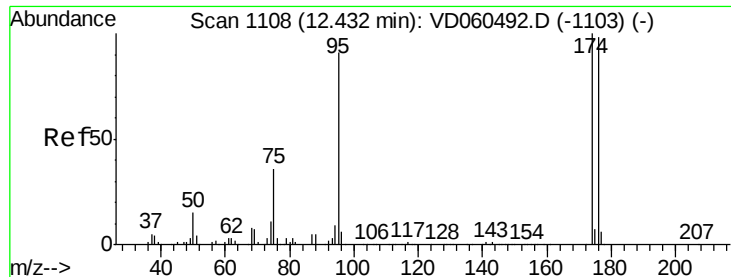
#52
Toluene
Concen: 11.116 ug/l
RT: 9.53 min Scan# 814
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion: 92 Resp: 336238
Ion Ratio Lower Upper
92 100
91 167.7 131.7 197.5



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: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

Instrument :

MSVOA_D

ClientSampleId :

EB10_1.5-2.5

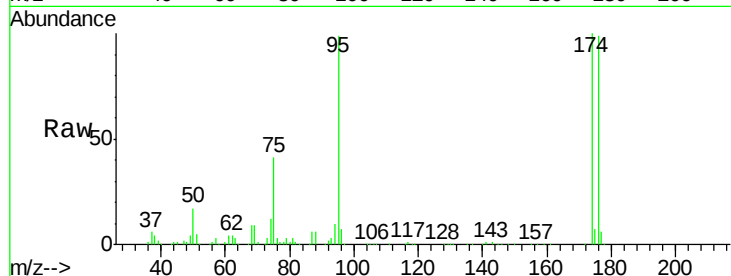
Tgt Ion: 95 Resp: 533824

Ion Ratio Lower Upper

95 100

174 100.7 0.0 219.4

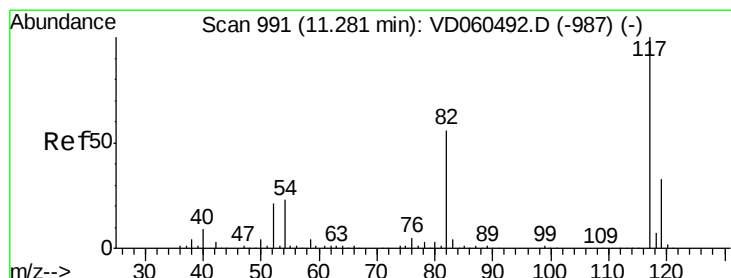
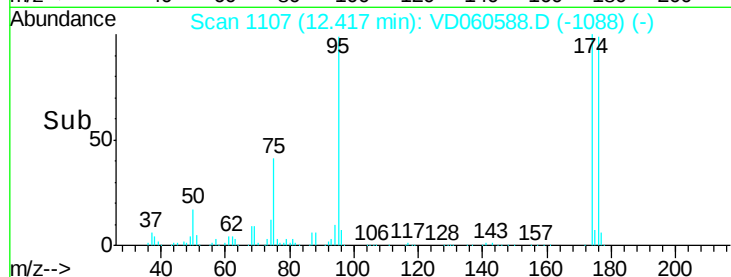
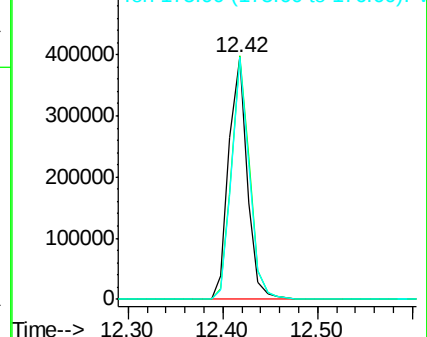
176 100.1 0.0 214.6



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: 11.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD060588.D

Acq: 14 Dec 2018 22:12

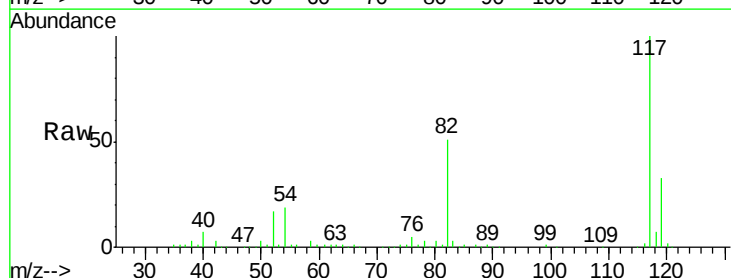
Tgt Ion: 117 Resp: 1578202

Ion Ratio Lower Upper

117 100

82 51.0 45.2 67.8

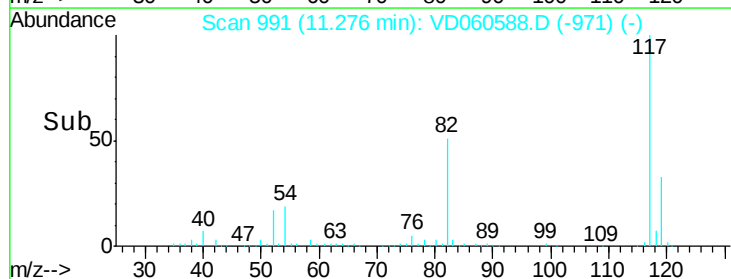
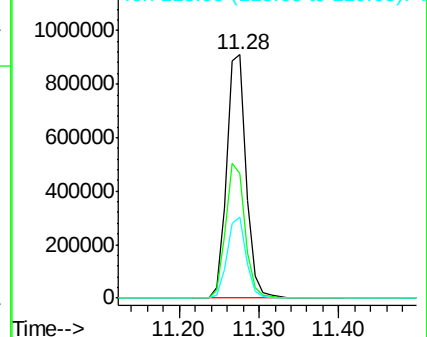
119 33.3 26.1 39.1

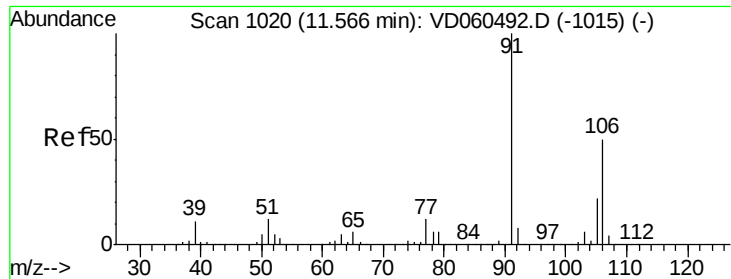


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

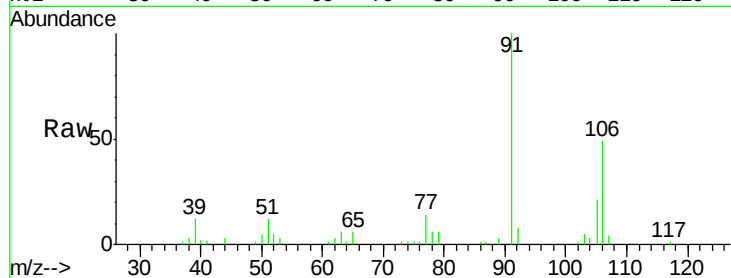




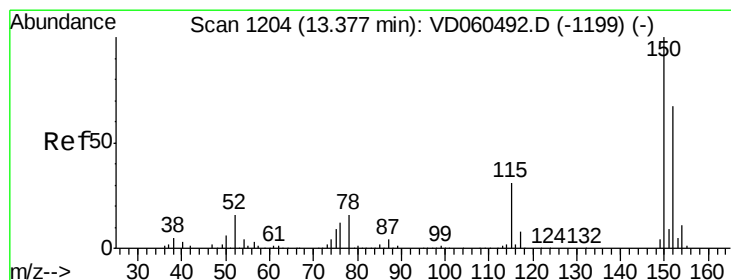
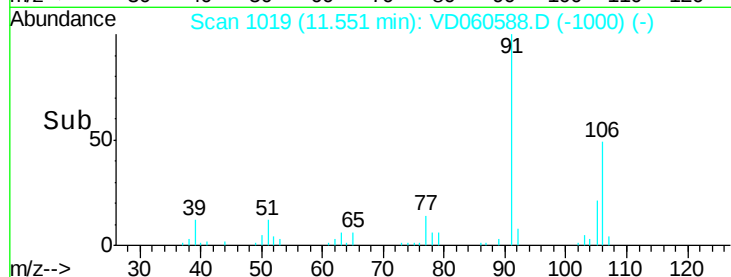
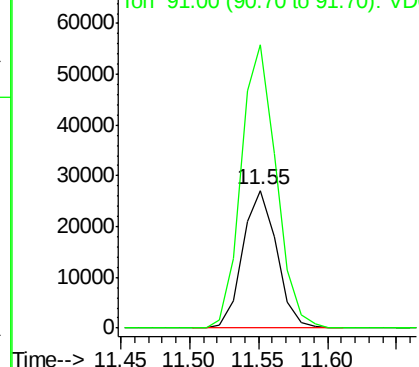
#68
m/p-Xylenes
Concen: 2.210 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Instrument :
MSVOA_D
ClientSampleId :
EB10_1.5-2.5

Tgt Ion:106 Resp: 46564
Ion Ratio Lower Upper
106 100
91 205.3 160.5 240.7

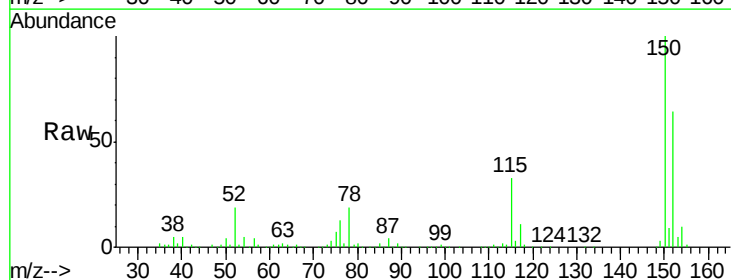


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060588.D
Acq: 14 Dec 2018 22:12

Tgt Ion:152 Resp: 768632
Ion Ratio Lower Upper
152 100
115 51.2 24.6 74.0
150 155.1 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

