

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060607.D
 Acq On : 17 Dec 2018 18:52
 Operator : VA/AP
 Sample : J6445-02
 Misc : 4.66µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB06_12-14

Quant Time: Dec 18 13:32:10 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

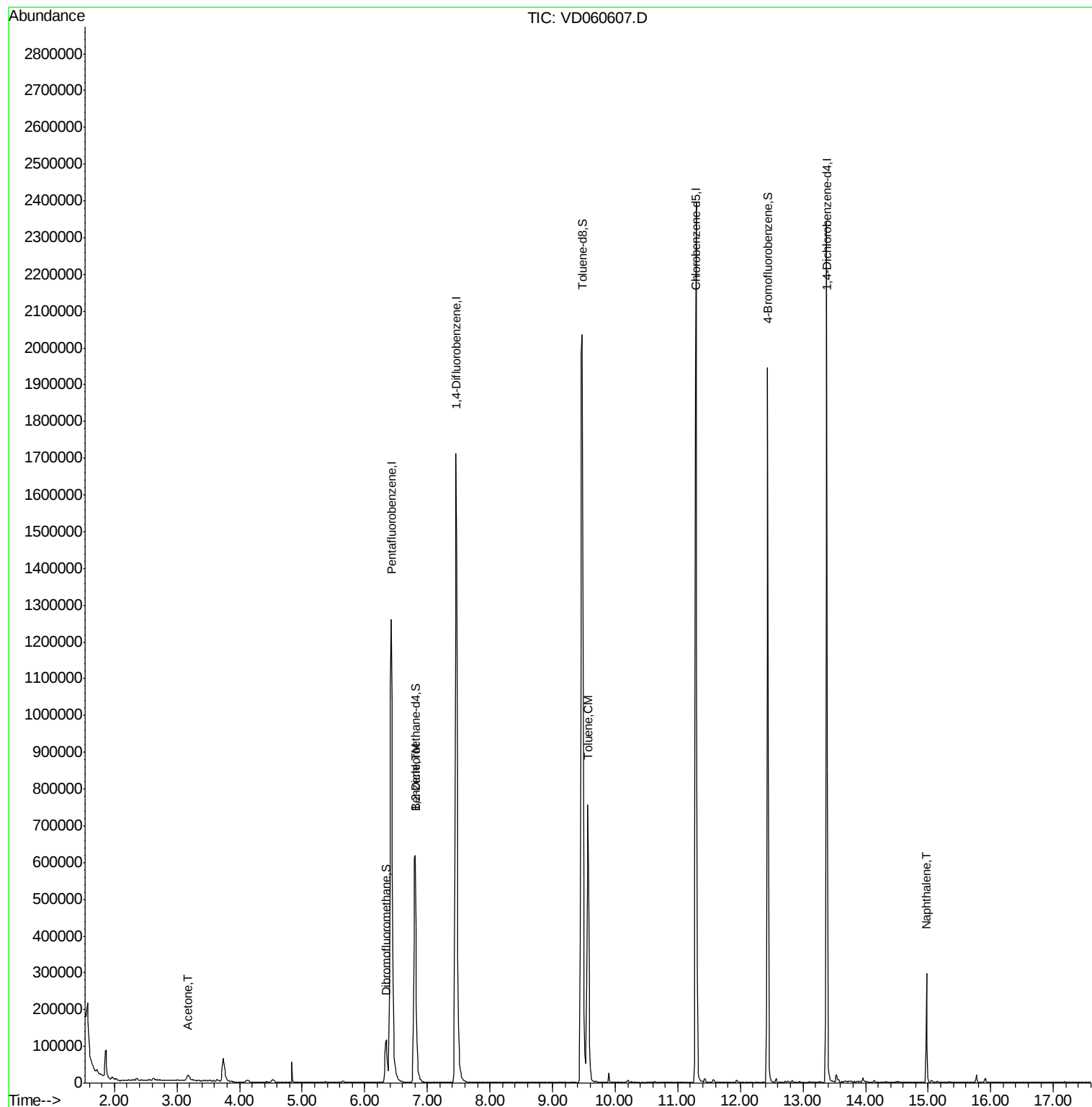
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1231824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1756178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1286650	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	516318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	490905	56.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	6.34	113	96471	7.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	14.96%	
50) Toluene-d8	9.47	98	1705708	45.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.38%	
62) 4-Bromofluorobenzene	12.44	95	513027	38.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.82%	
Target Compounds						
16) Acetone	3.18	43	37739	26.966	ug/l	92
40) Benzene	6.81	78	67861	1.547	ug/l	92
52) Toluene	9.56	92	383194	13.975	ug/l	96
95) Naphthalene	14.97	128	154396	11.683	ug/l	99

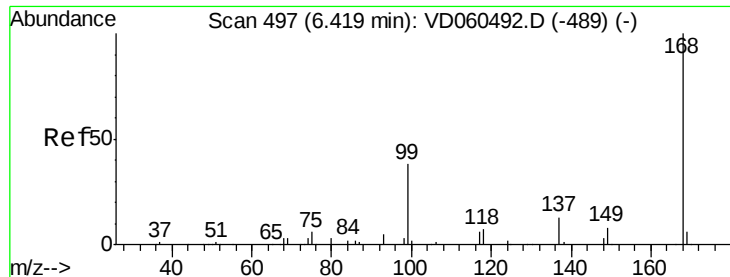
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060607.D
Acq On : 17 Dec 2018 18:52
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Sample : J6445-02
Misc : 4.66q/5ml/MSVOA D/SOIL
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Quant Time: Dec 18 13:32:10 2018
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: 6.42 min Scan# 498

Delta R.T. 0.00 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

Instrument :

MSVOA_D

ClientSampleId :

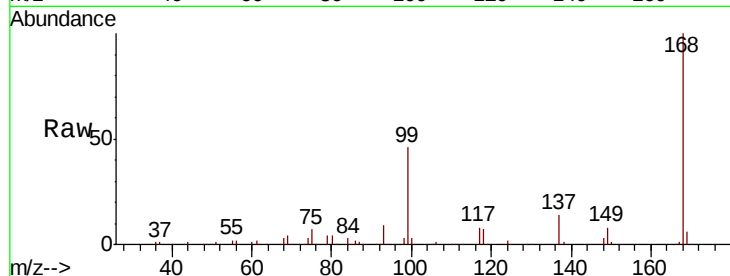
EB06_12-14

Tot Ion:168 Resp: 1231824

Ion Ratio Lower Upper

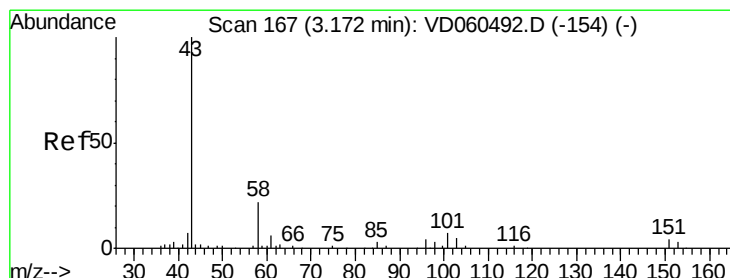
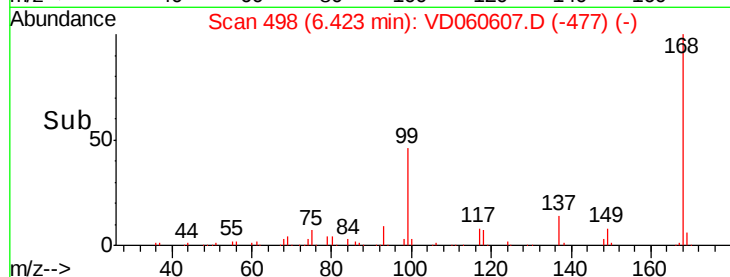
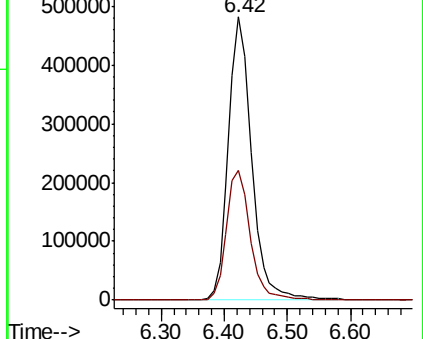
168 100

99 45.9 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 26.966 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060607.D

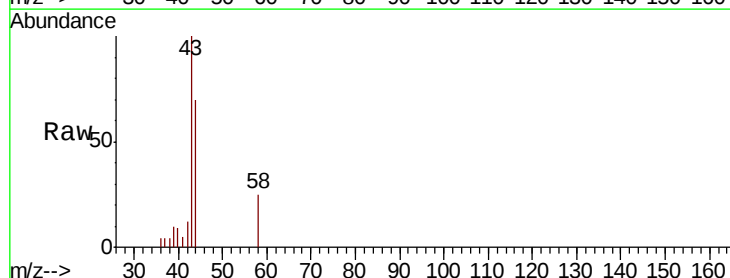
Acq: 17 Dec 2018 18:52

Tgt Ion: 43 Resp: 37739

Ion Ratio Lower Upper

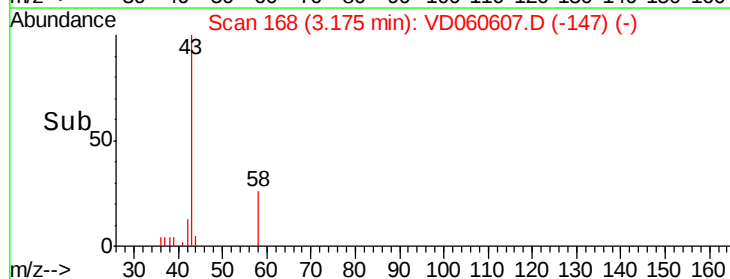
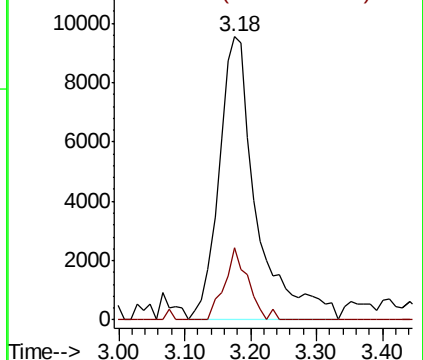
43 100

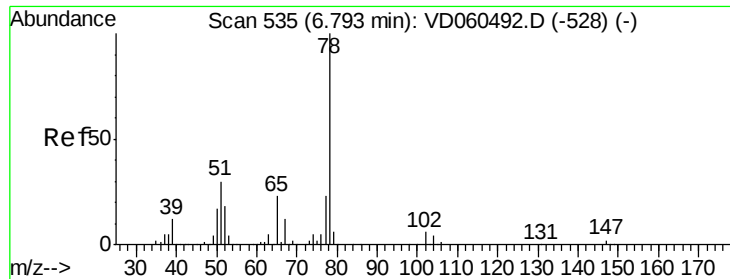
58 25.3 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

Instrument :

MSVOA_D

ClientSampleId :

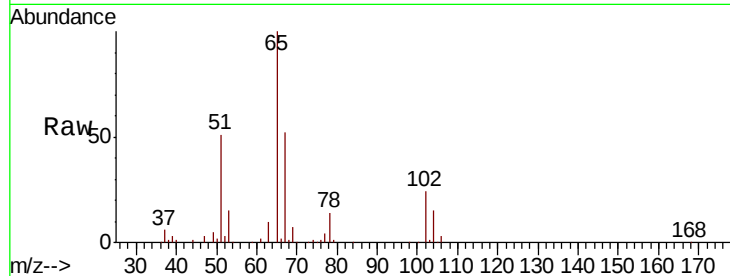
EB06_12-14

Tot Ion: 65 Resp: 490905

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

200000

150000

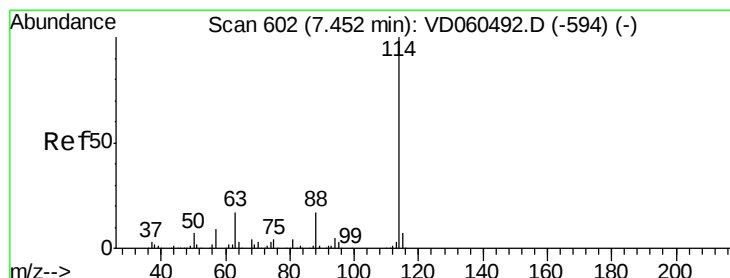
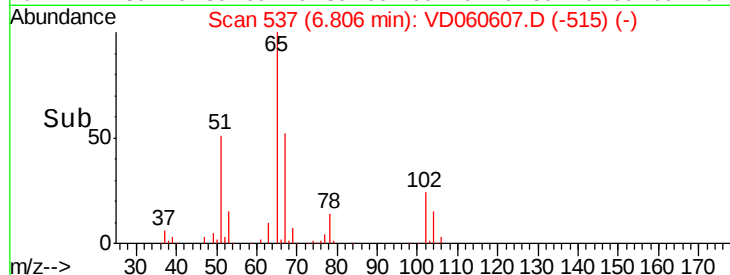
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

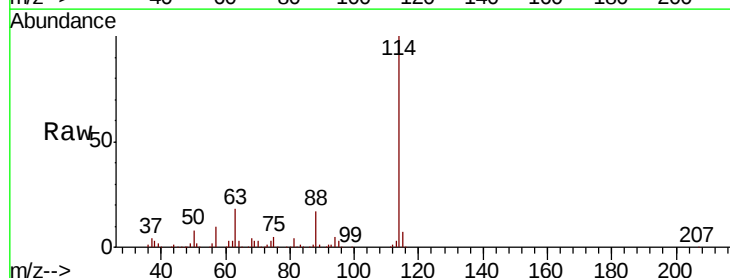
Tgt Ion: 114 Resp: 1756178

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.2

88 17.3 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

1000000

800000

600000

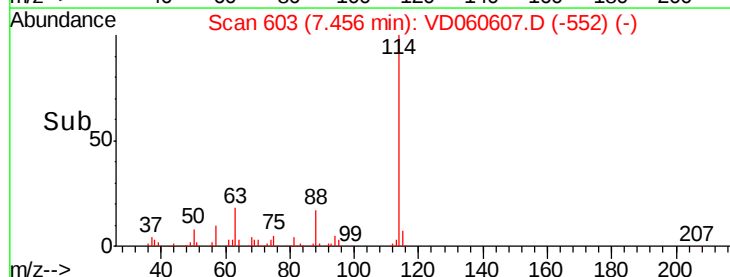
400000

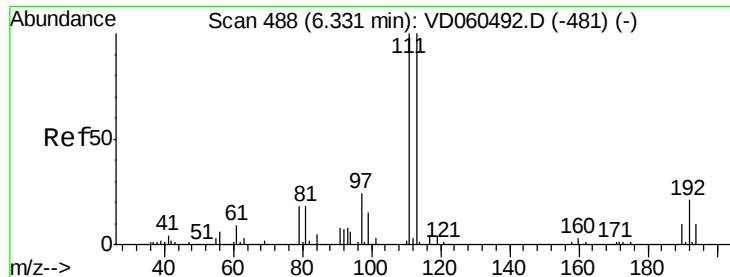
200000

0

7.30 7.40 7.50 7.60 7.70

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.34 min Scan# 490

Delta R.T. 0.01 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

Instrument :

MSVOA_D

ClientSampleId :

EB06_12-14

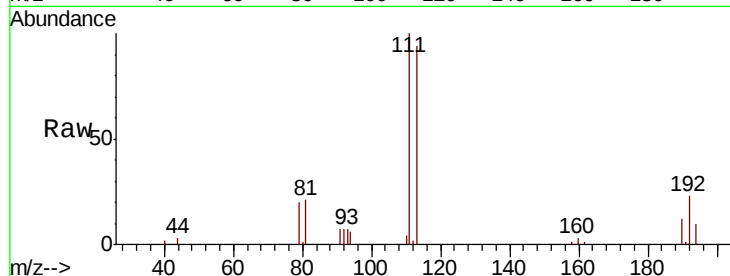
Tot Ion:113 Resp: 96471

Ion Ratio Lower Upper

113 100

111 106.2 80.2 120.4

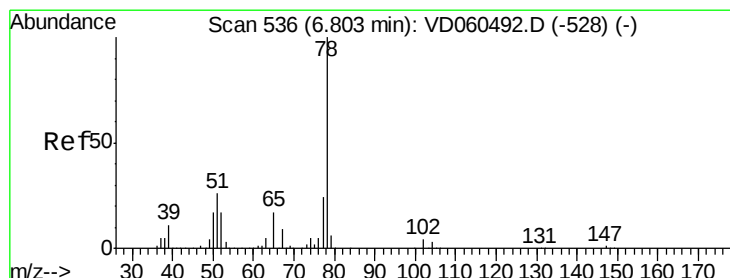
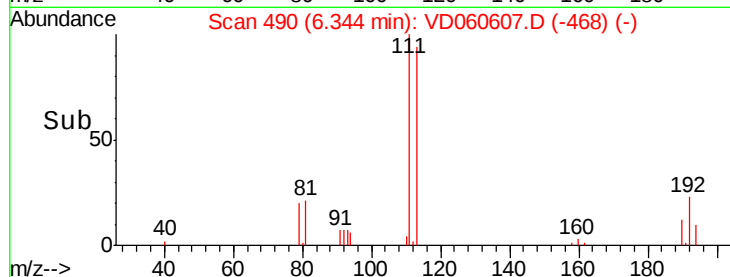
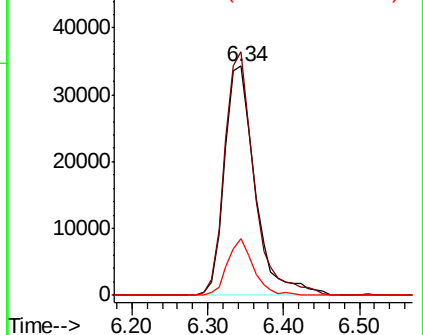
192 24.6 16.6 24.8



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: 1.547 ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD060607.D

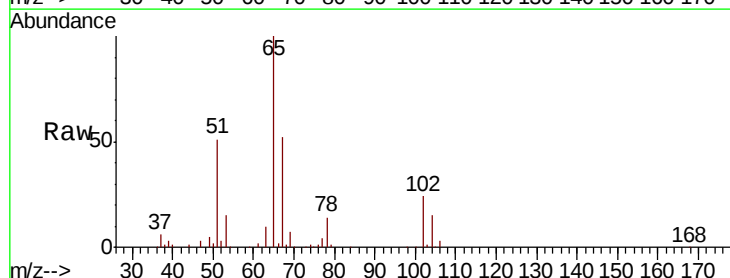
Acq: 17 Dec 2018 18:52

Tgt Ion: 78 Resp: 67861

Ion Ratio Lower Upper

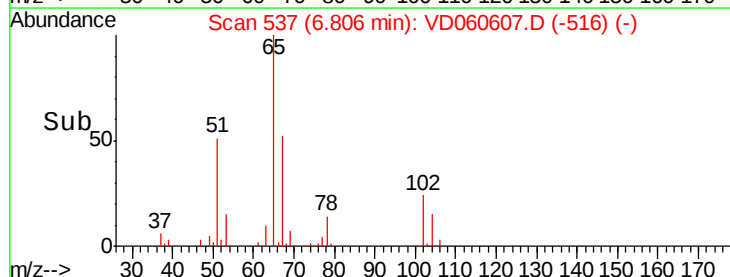
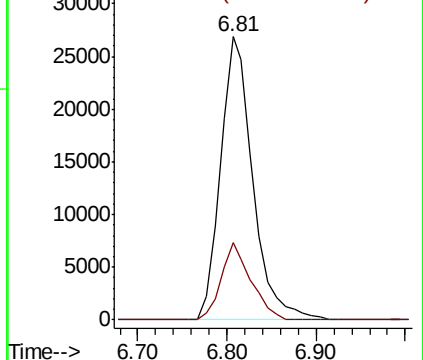
78 100

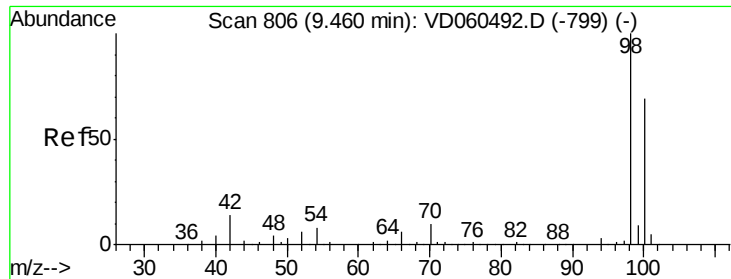
77 27.5 18.9 28.3



Abundance Ion 77.95 (77.65 to 78.65): V

Ion 76.95 (76.65 to 77.65): V

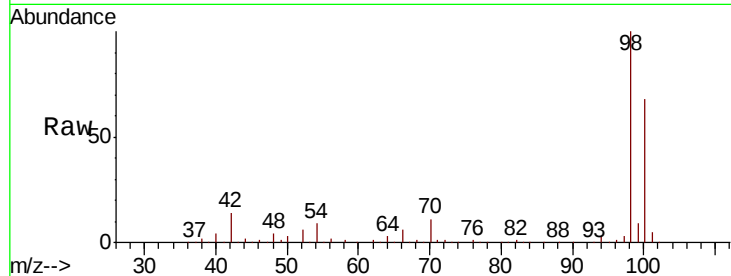




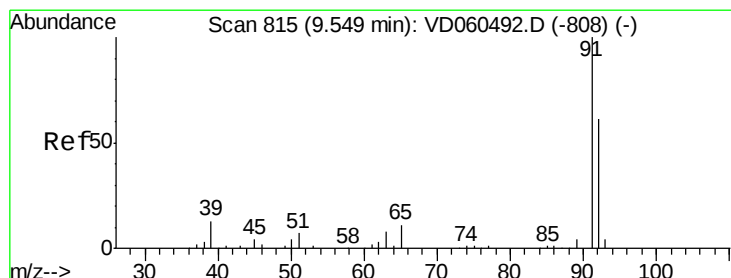
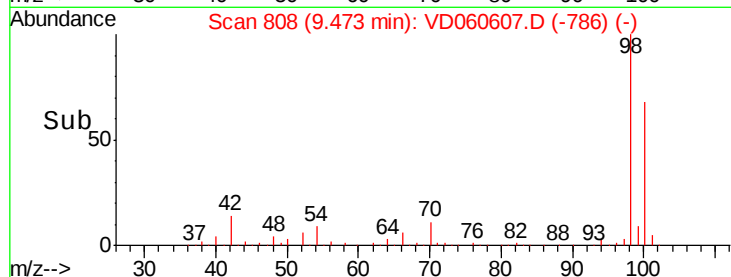
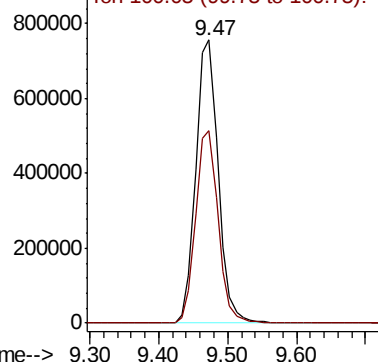
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060607.D
Acq: 17 Dec 2018 18:52

Instrument :
MSVOA_D
ClientSampleId :
EB06_12-14

Tot Ion: 98 Resp: 1705708
Ion Ratio Lower Upper
98 100
100 68.1 55.7 83.5

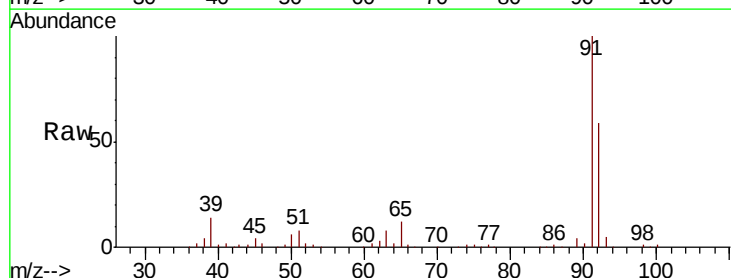


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

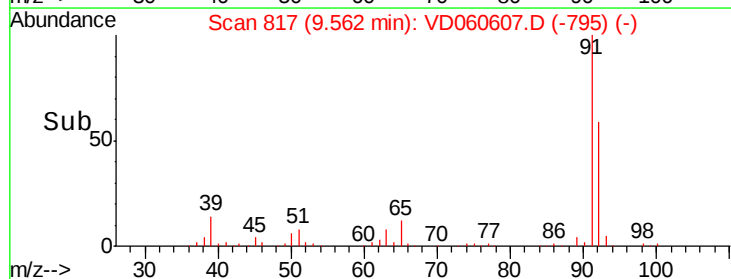
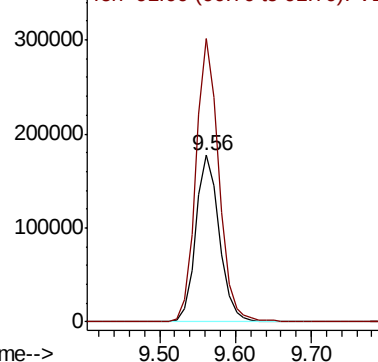


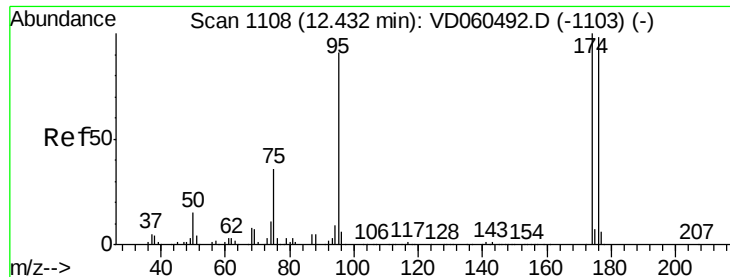
#52
Toluene
Concen: 13.975 ug/l
RT: 9.56 min Scan# 817
Delta R.T. 0.01 min
Lab File: VD060607.D
Acq: 17 Dec 2018 18:52

Tgt Ion: 92 Resp: 383194
Ion Ratio Lower Upper
92 100
91 170.0 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

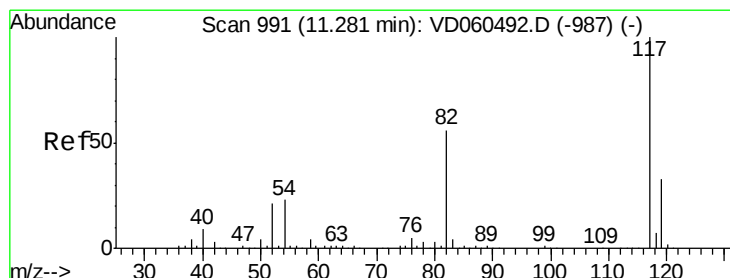
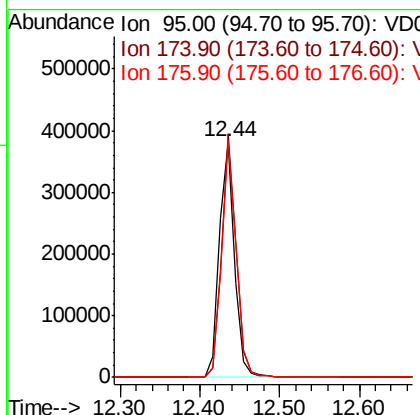
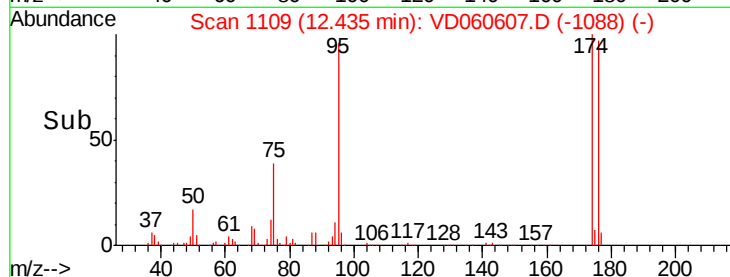
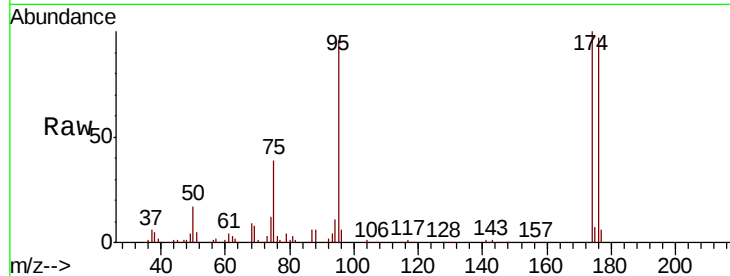




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060607.D
Acq: 17 Dec 2018 18:52

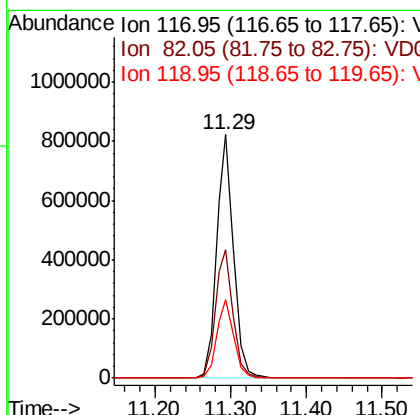
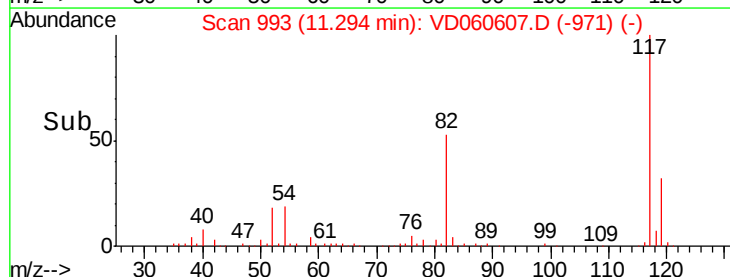
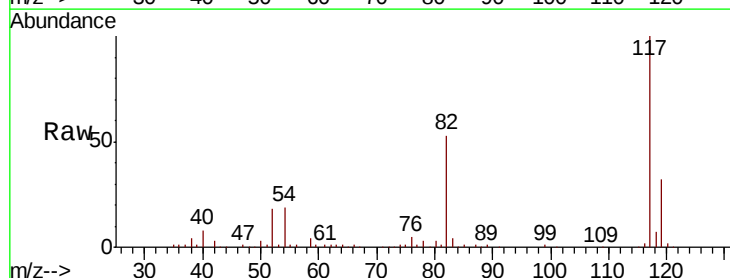
Instrument :
MSVOA_D
ClientSampleId :
EB06_12-14

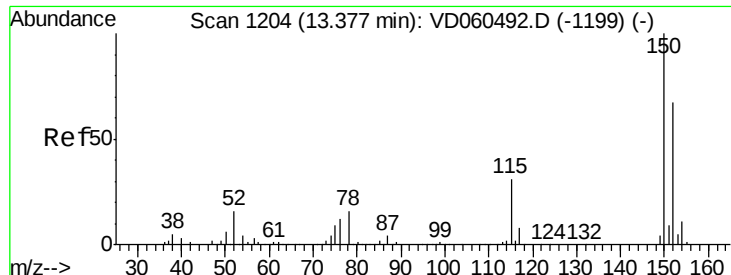
Tot Ion: 95 Resp: 513027
Ion Ratio Lower Upper
95 100
174 103.7 0.0 219.4
176 101.0 0.0 214.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060607.D
Acq: 17 Dec 2018 18:52

Tgt Ion: 117 Resp: 1286650
Ion Ratio Lower Upper
117 100
82 52.7 45.2 67.8
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

Instrument :

MSVOA_D

ClientSampleId :

EB06_12-14

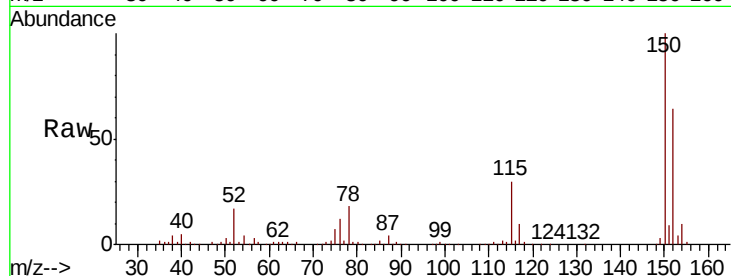
Tot Ion:152 Resp: 516318

Ion Ratio Lower Upper

152 100

115 47.8 24.6 74.0

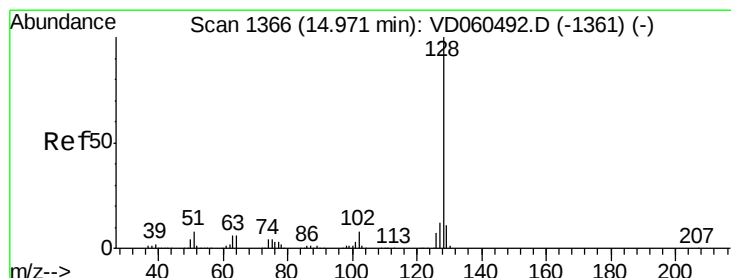
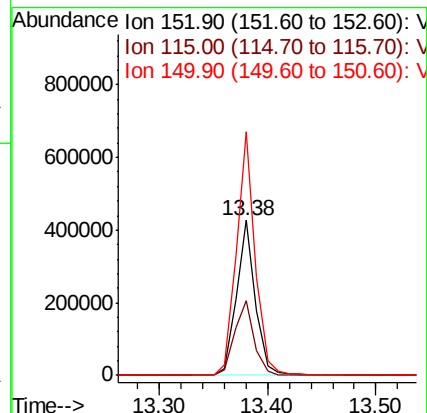
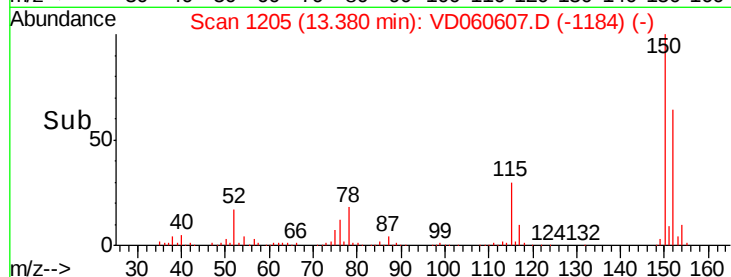
150 157.0 0.0 309.0



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



#95

Naphthalene

Concen: 11.683 ug/l

RT: 14.97 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VD060607.D

Acq: 17 Dec 2018 18:52

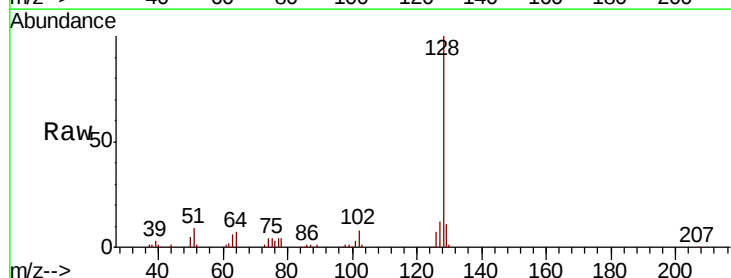
Tgt Ion:128 Resp: 154396

Ion Ratio Lower Upper

128 100

127 11.8 9.8 14.8

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

