

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060132.D
 Acq On : 4 Oct 2018 17:23
 Operator : VA/AP
 Sample : J5219-02
 Misc : 10.14g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E10-F10-E10A-F10A

Quant Time: Oct 04 18:03:42 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

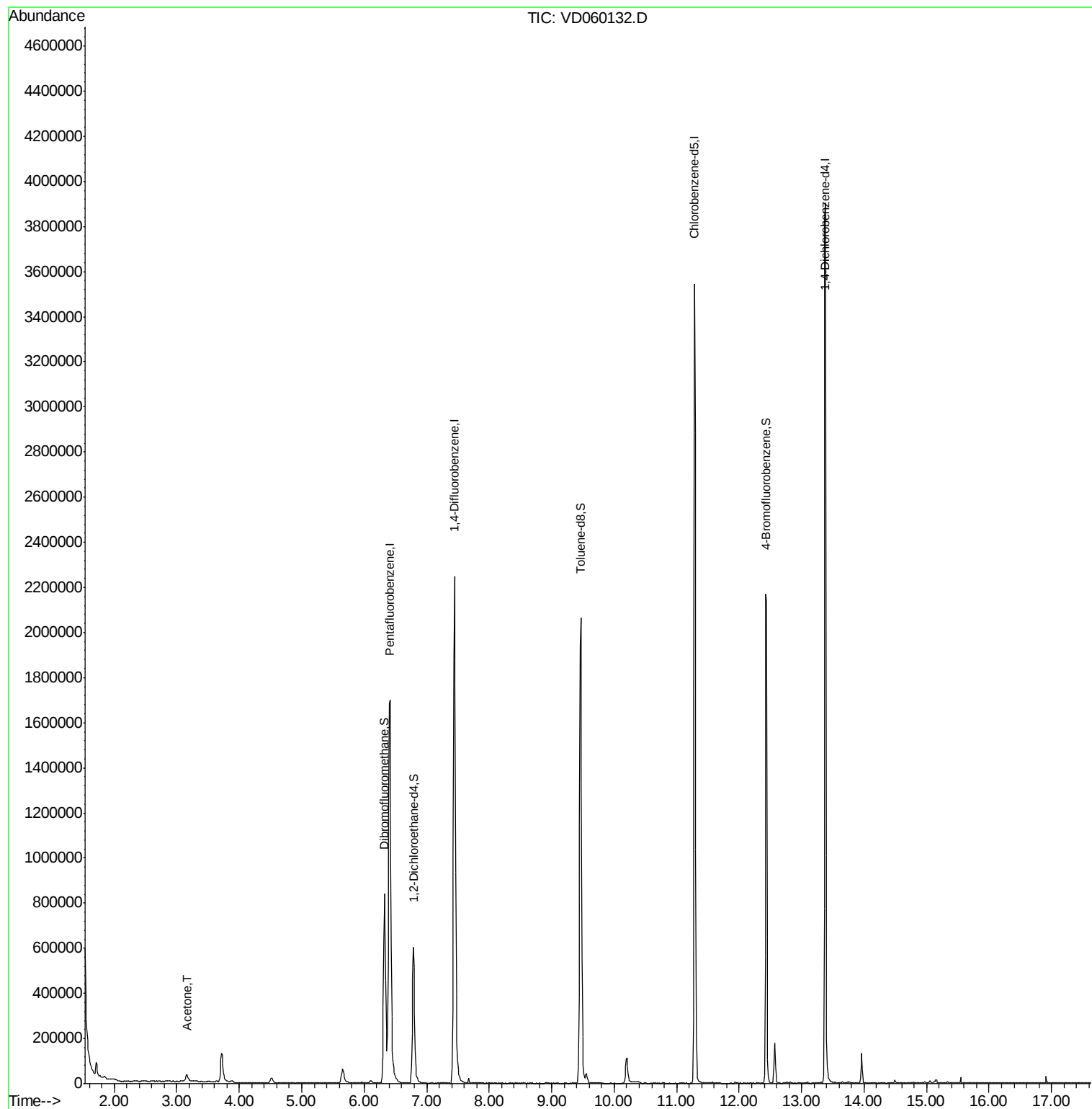
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1737366	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2375420	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1951959	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	1029524	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	476576	36.19	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.38%	
35) Dibromofluoromethane	6.32	113	653119	36.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	72.42%	
50) Toluene-d8	9.46	98	1717832	33.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	66.80%	
62) 4-Bromofluorobenzene	12.43	95	677405	35.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.34%	
Target Compounds						
16) Acetone	3.16	43	59538	24.915	ug/l	Qvalue 96

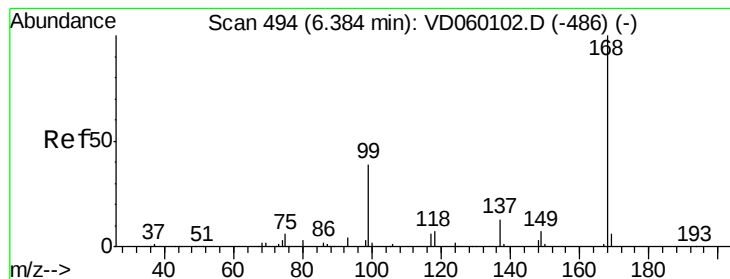
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060132.D

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Instrument :

MSVOA_D

ClientSampleId :

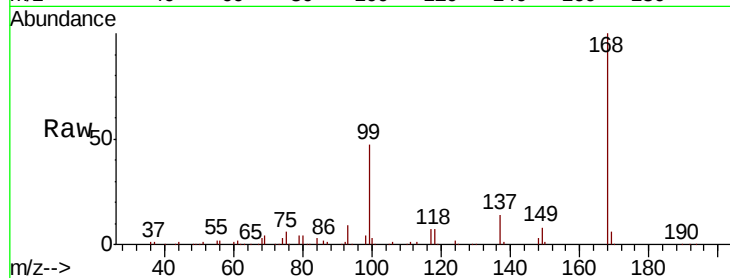
FK-BPM-01-E10-F10-E10A-F10A

Tot Ion:168 Resp: 1737366

Ion Ratio Lower Upper

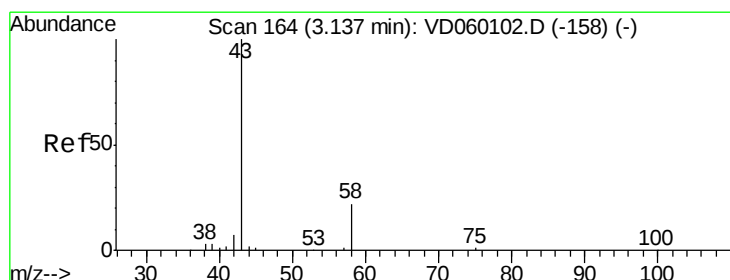
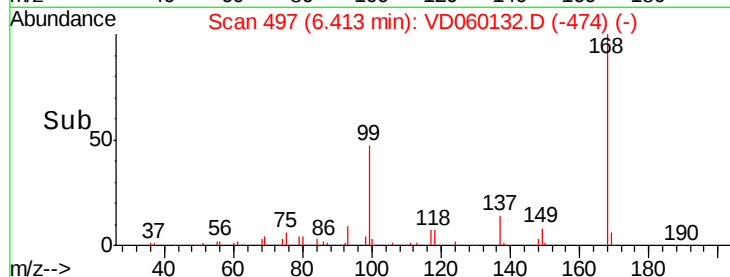
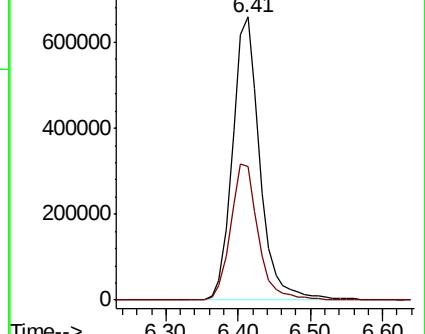
168 100

99 47.1 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.915 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060132.D

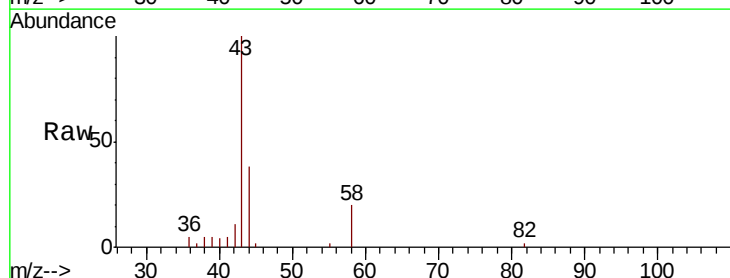
Acq: 4 Oct 2018 17:23

Tgt Ion: 43 Resp: 59538

Ion Ratio Lower Upper

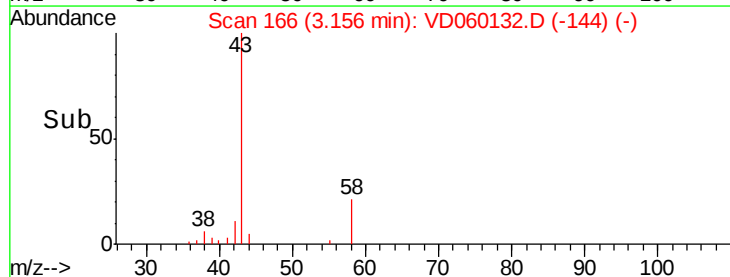
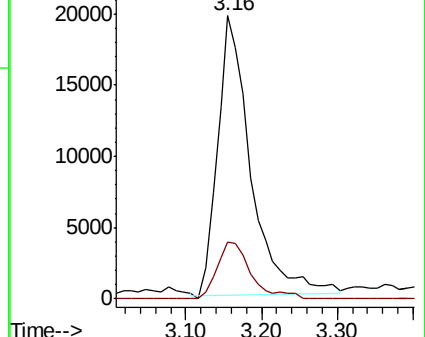
43 100

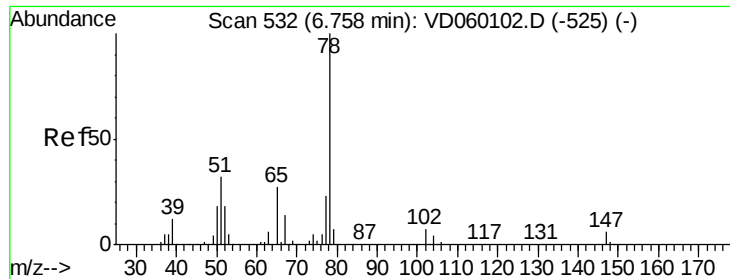
58 20.1 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

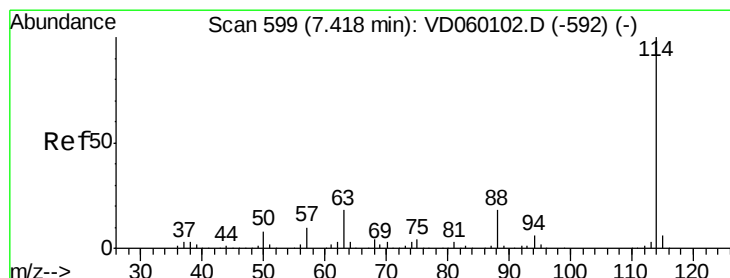
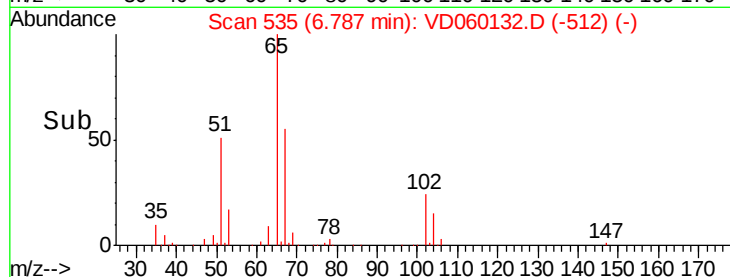
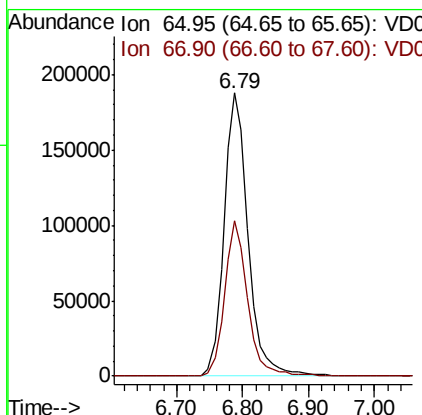
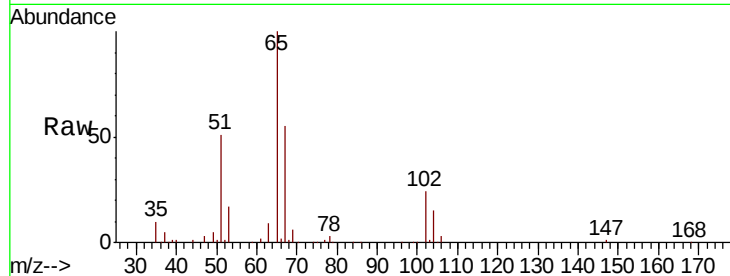




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060132.D
 Acq: 4 Oct 2018 17:23

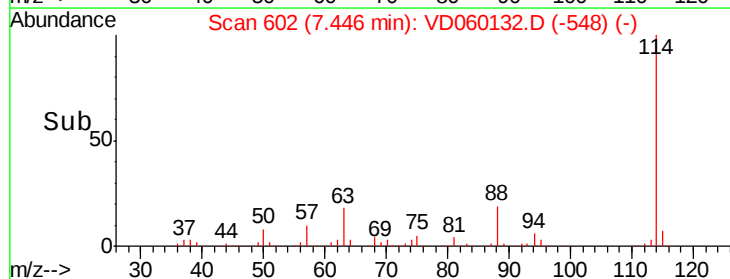
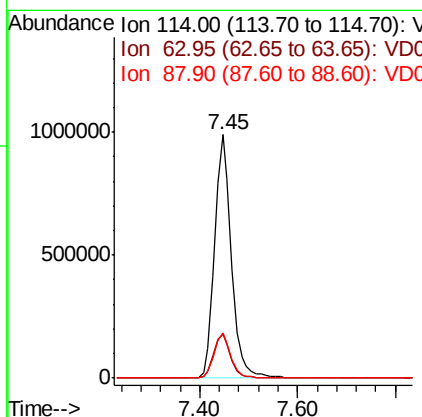
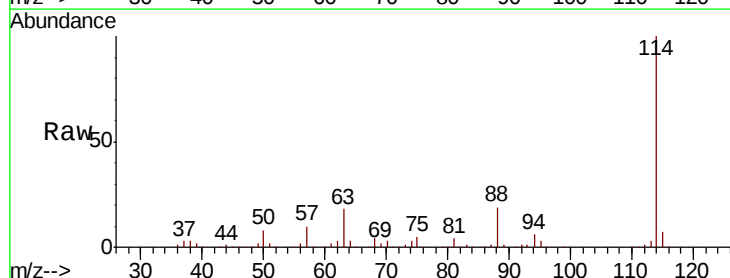
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E10-F10-E10A-F10A

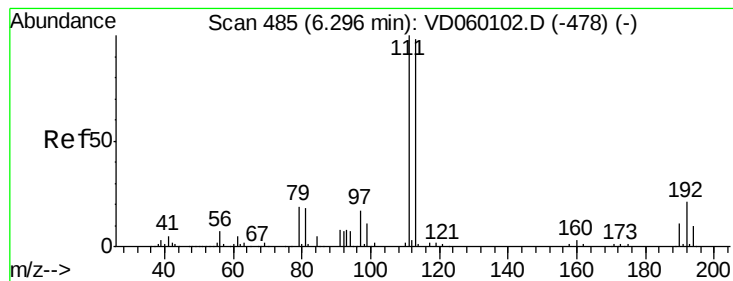
Tot Ion: 65 Resp: 476576
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060132.D
 Acq: 4 Oct 2018 17:23

Tgt Ion: 114 Resp: 2375420
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 18.6 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 488

Delta R.T. 0.03 min

Lab File: VD060132.D

Acq: 4 Oct 2018 17:23

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E10-F10-E10A-F10A

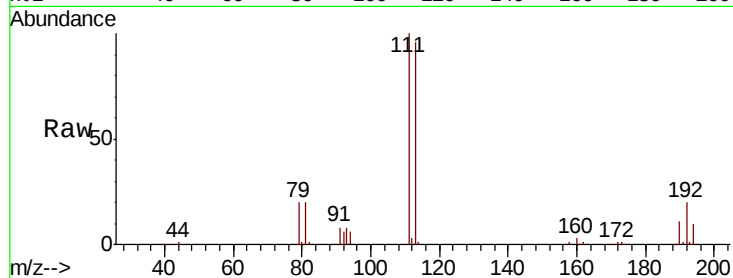
Tot Ion:113 Resp: 653119

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

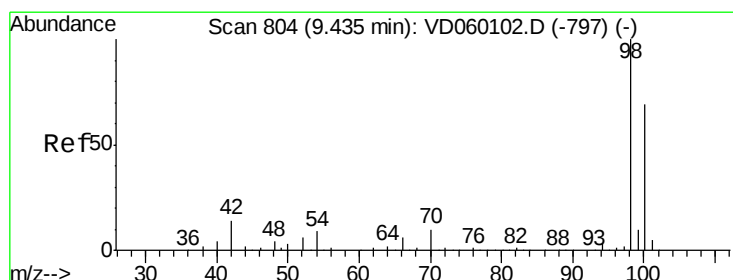
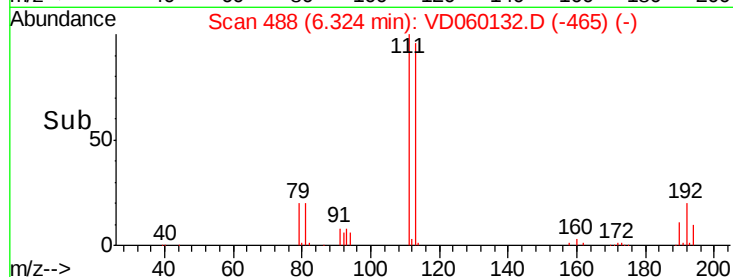
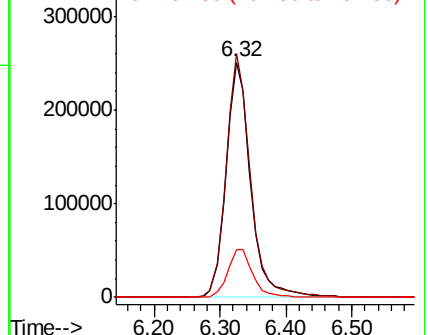
192 20.2 17.4 26.0



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: 9.46 min Scan# 807

Delta R.T. 0.03 min

Lab File: VD060132.D

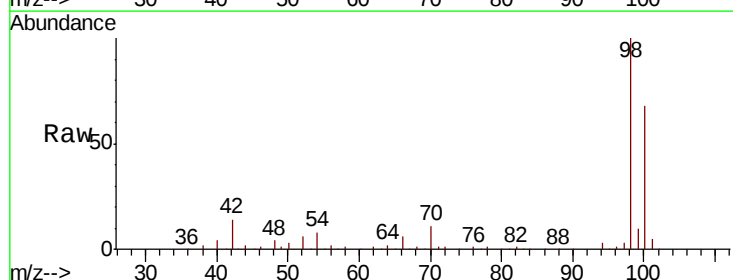
Acq: 4 Oct 2018 17:23

Tgt Ion: 98 Resp: 1717832

Ion Ratio Lower Upper

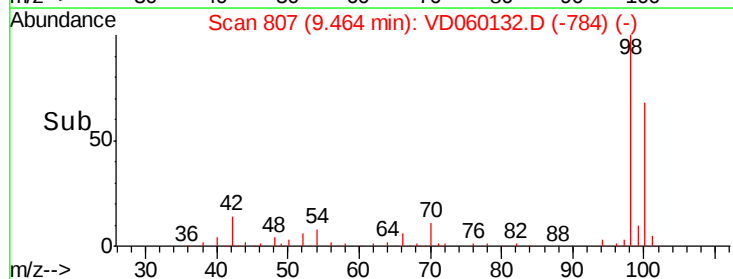
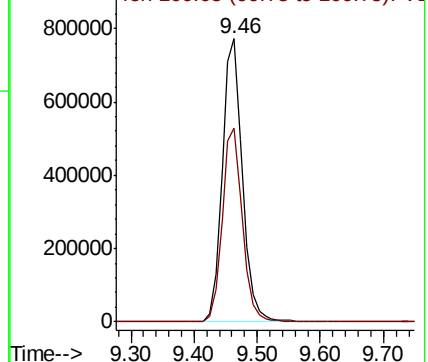
98 100

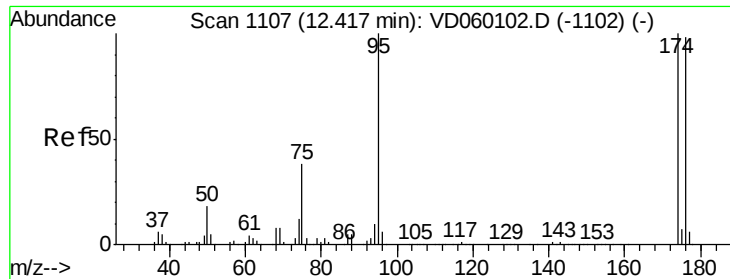
100 68.3 55.4 83.0



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: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060132.D

Acq: 4 Oct 2018 17:23

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E10-F10-E10A-F10A

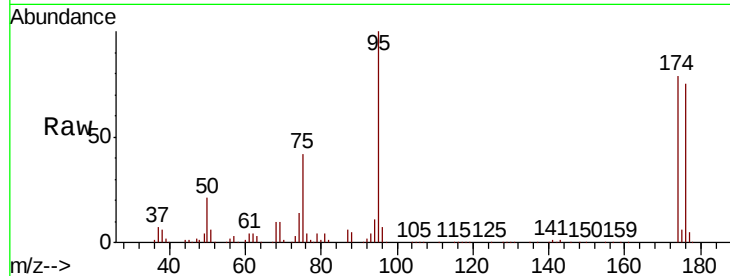
Tot Ion: 95 Resp: 677405

Ion Ratio Lower Upper

95 100

174 79.3 0.0 200.2

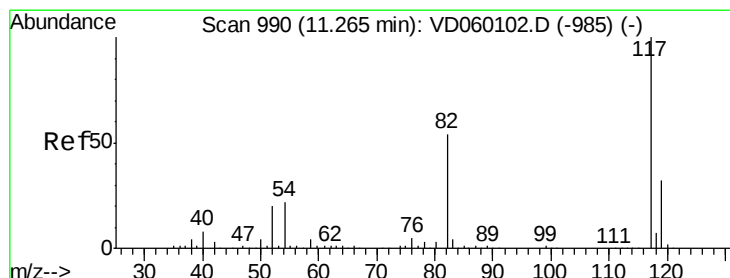
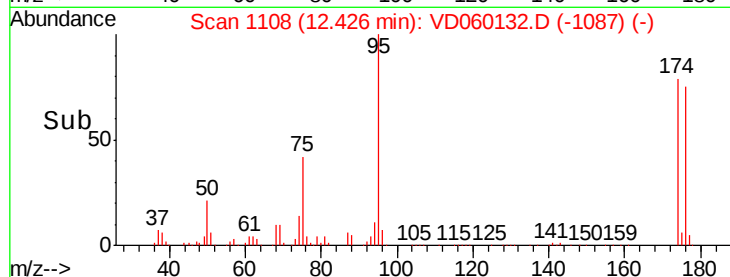
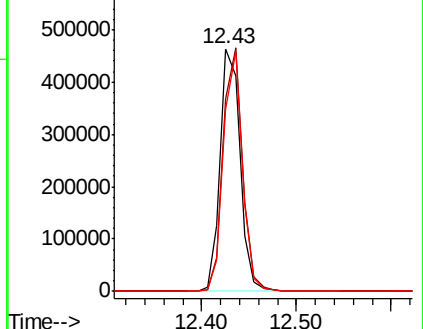
176 75.2 0.0 195.6



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# 992

Delta R.T. 0.02 min

Lab File: VD060132.D

Acq: 4 Oct 2018 17:23

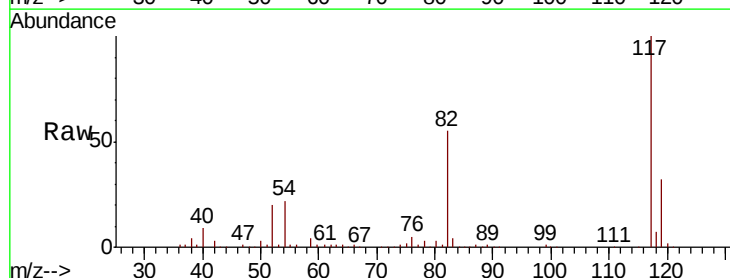
Tgt Ion: 117 Resp: 1951959

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.2

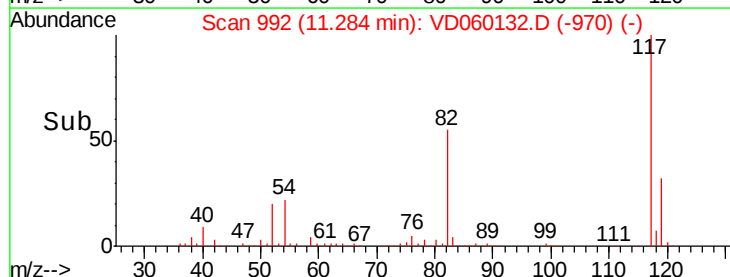
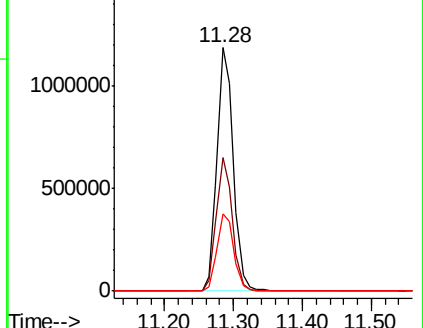
119 32.0 26.0 39.0

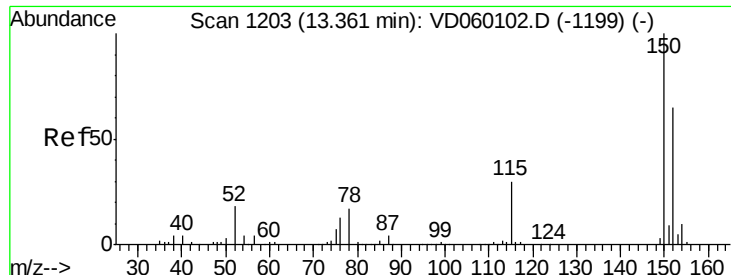


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

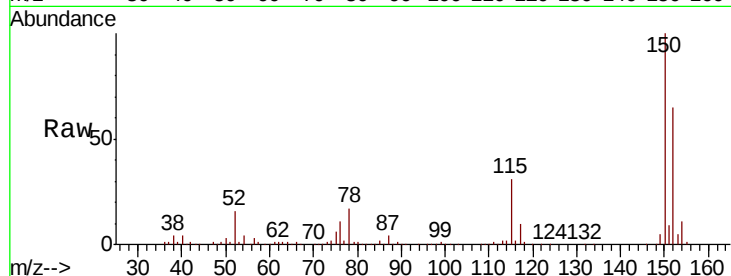




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: VD060132.D
 Acq: 4 Oct 2018 17:23

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E10-F10-E10A-F10A

Tot Ion:152 Resp: 1029524
 Ion Ratio Lower Upper
 152 100
 115 47.5 27.1 81.2
 150 153.9 0.0 311.8



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

