

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060129.D
 Acq On : 4 Oct 2018 13:32
 Operator : VA/AP
 Sample : J5242-02
 Misc : 9.9a/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E9-F9-E9A-F9A

Quant Time: Oct 04 15:47:52 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

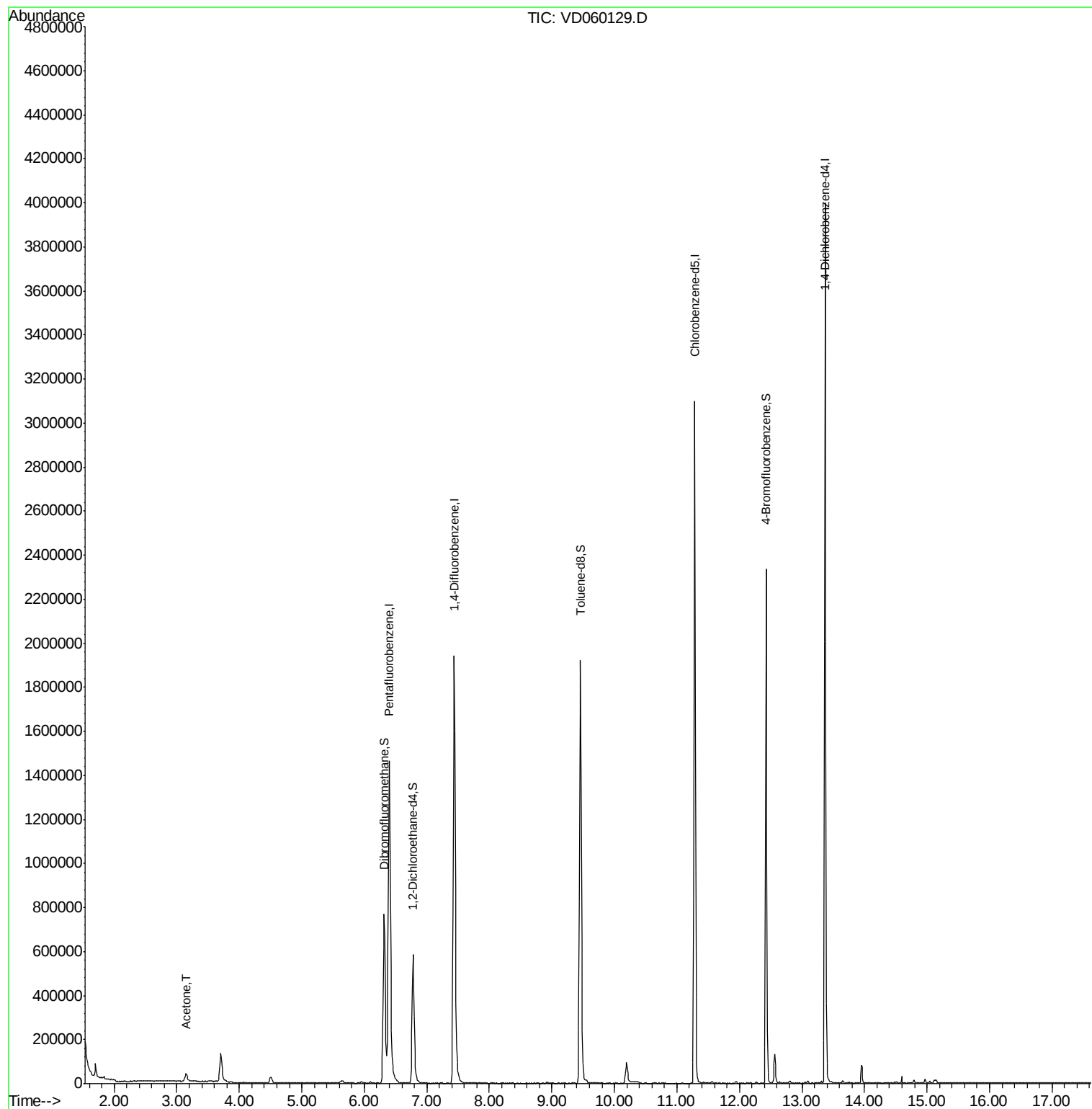
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1472282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2054485	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1736893	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	913277	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	478075	42.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.68%	
35) Dibromofluoromethane	6.32	113	597661	38.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.62%	
50) Toluene-d8	9.46	98	1559440	35.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.10%	
62) 4-Bromofluorobenzene	12.43	95	628880	37.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.50%	
Target Compounds						
16) Acetone	3.15	43	68960	34.054	ug/l	Qvalue 96

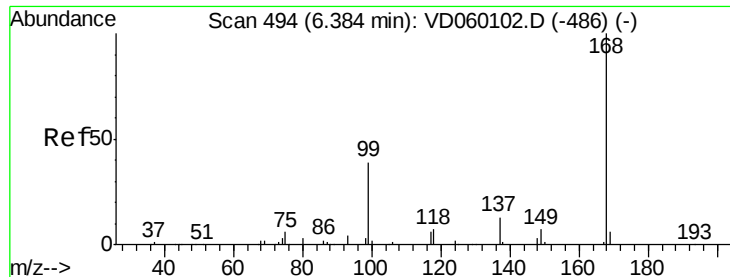
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 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: VD060129.D

Acq: 4 Oct 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

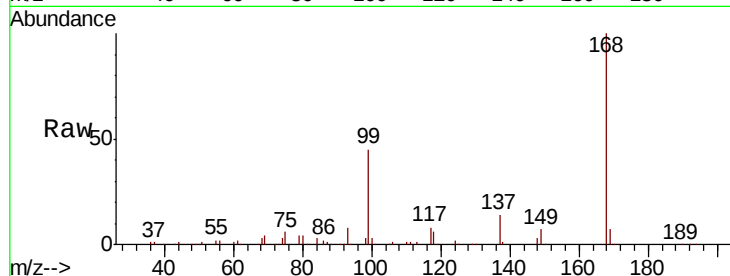
FK-BPM-01-E9-F9-E9A-F9A

Tot Ion:168 Resp: 1472282

Ion Ratio Lower Upper

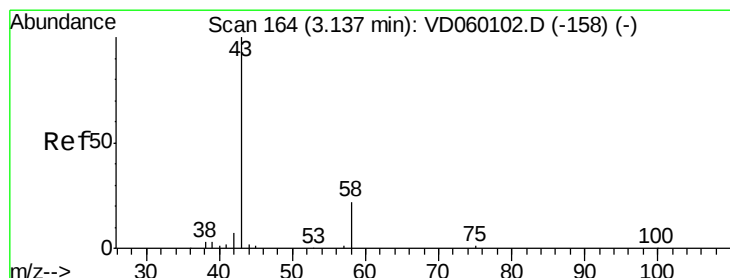
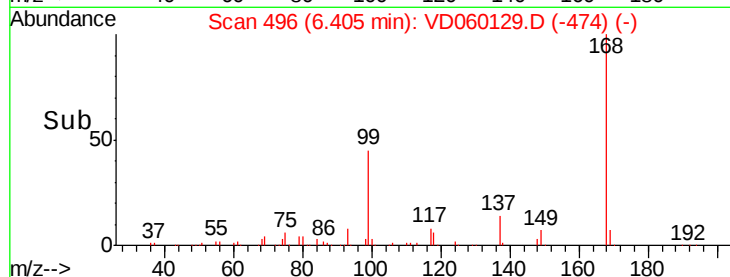
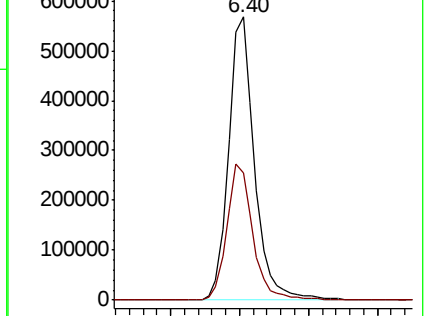
168 100

99 45.1 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: 34.054 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060129.D

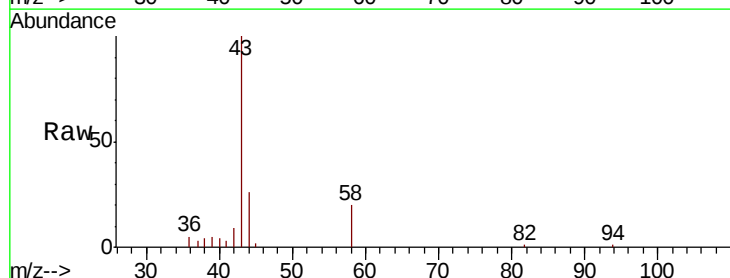
Acq: 4 Oct 2018 13:32

Tgt Ion: 43 Resp: 68960

Ion Ratio Lower Upper

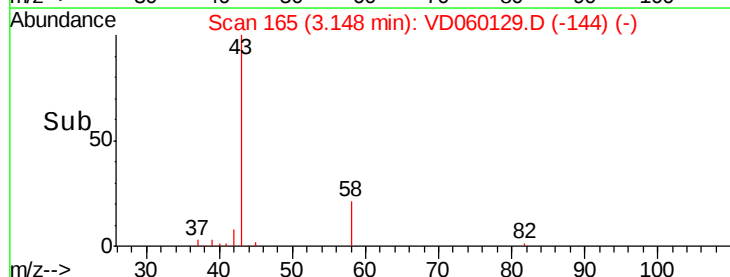
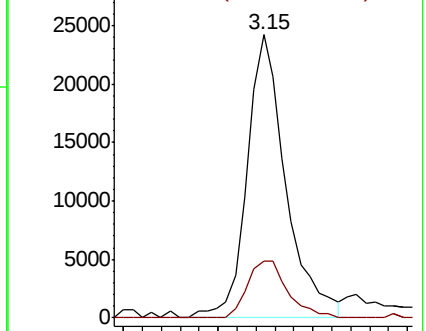
43 100

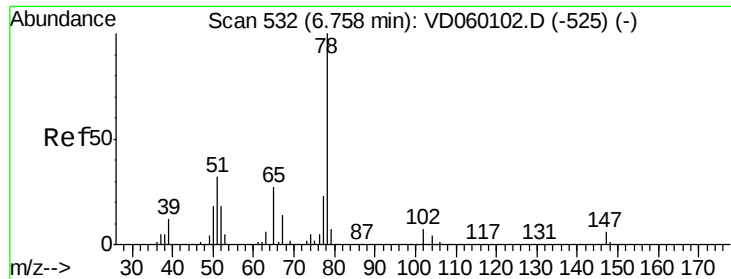
58 20.2 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

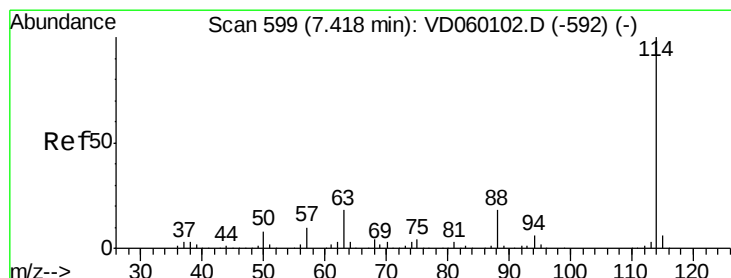
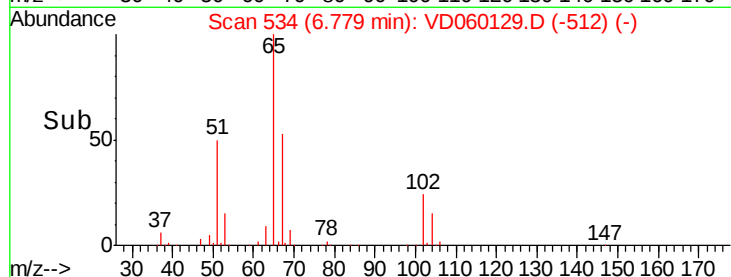
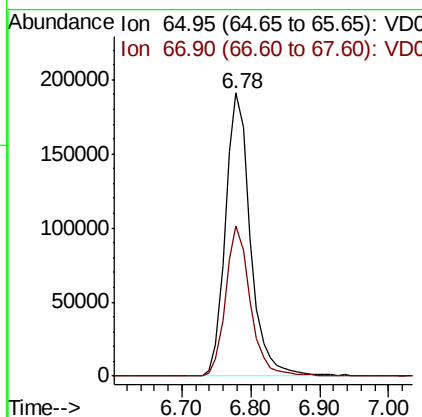
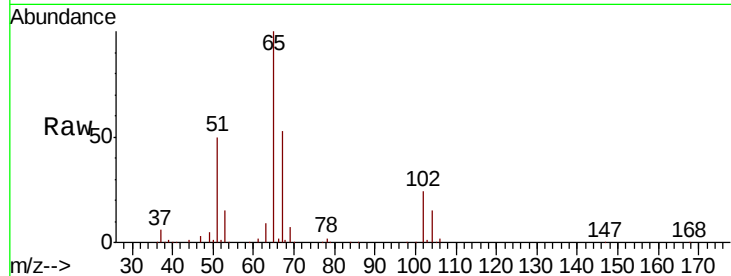




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

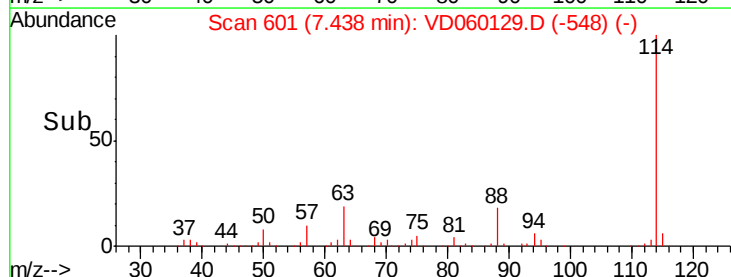
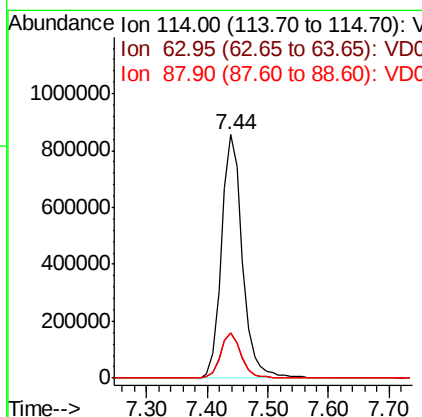
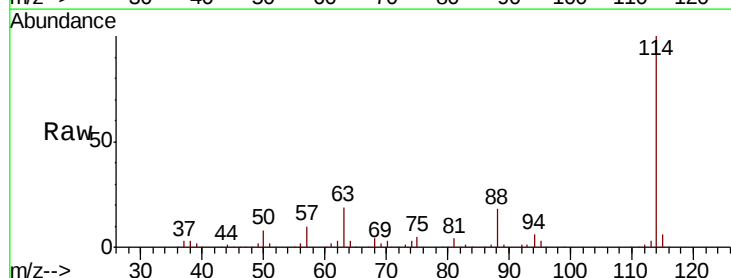
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E9-F9-E9A-F9A

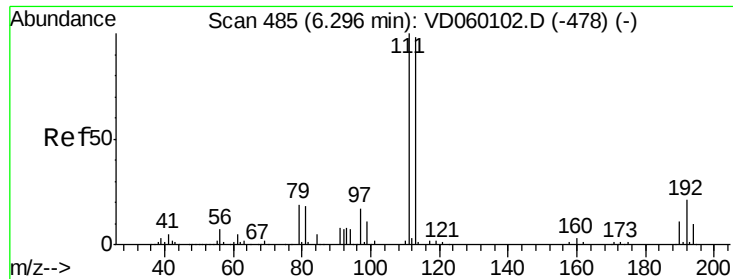
Tot Ion: 65 Resp: 478075
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

Tgt Ion: 114 Resp: 2054485
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 18.5 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060129.D

Acq: 4 Oct 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E9-F9-E9A-F9A

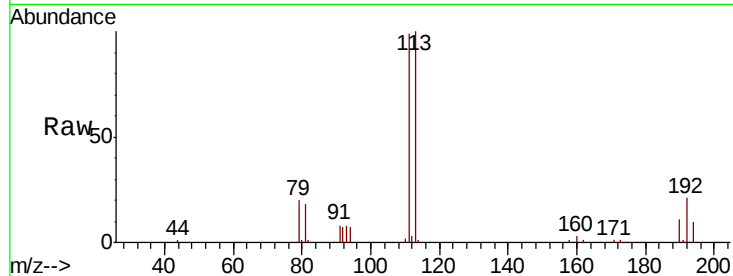
Tot Ion:113 Resp: 597661

Ion Ratio Lower Upper

113 100

111 99.2 81.5 122.3

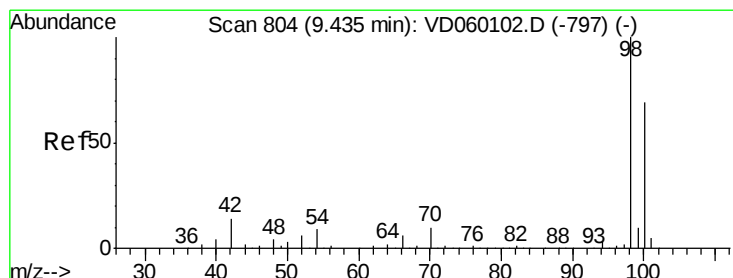
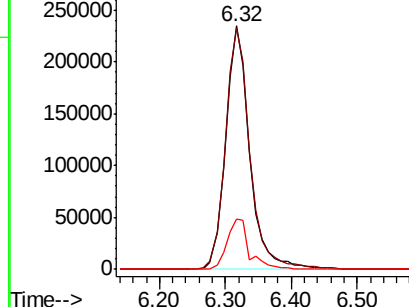
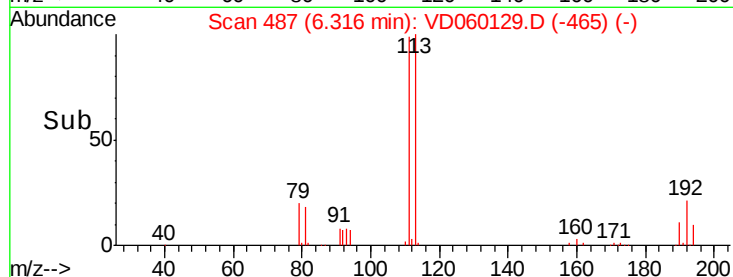
192 20.8 17.4 26.0



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# 806

Delta R.T. 0.02 min

Lab File: VD060129.D

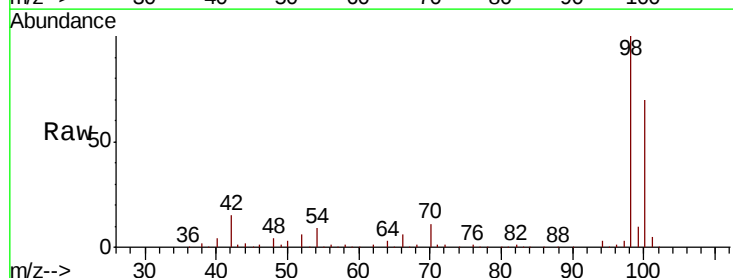
Acq: 4 Oct 2018 13:32

Tgt Ion: 98 Resp: 1559440

Ion Ratio Lower Upper

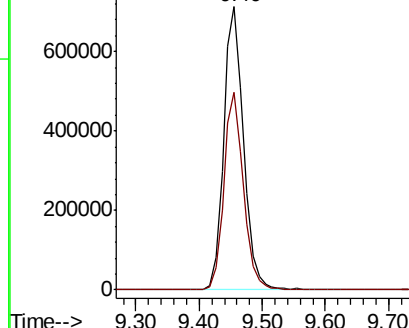
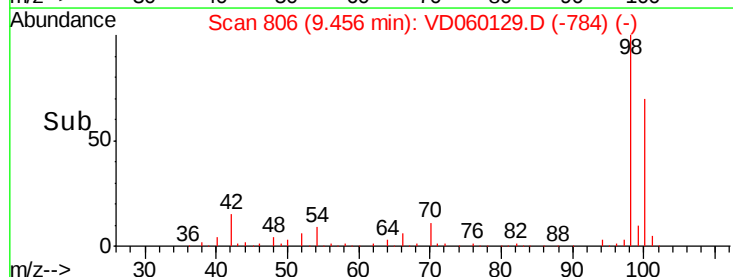
98 100

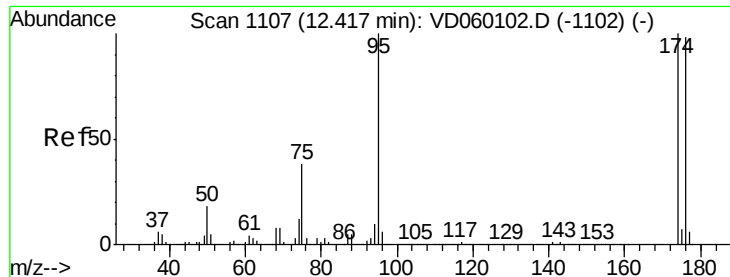
100 70.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060129.D

Acq: 4 Oct 2018 13:32

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E9-F9-E9A-F9A

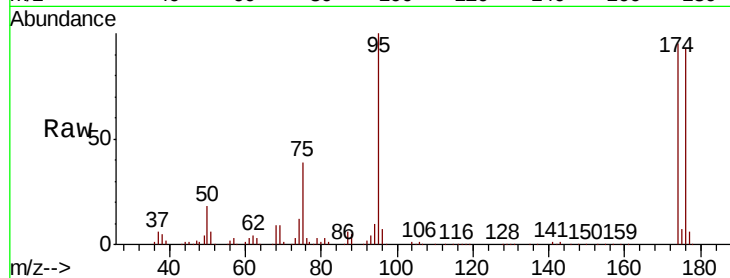
Tot Ion: 95 Resp: 628880

Ion Ratio Lower Upper

95 100

174 95.4 0.0 200.2

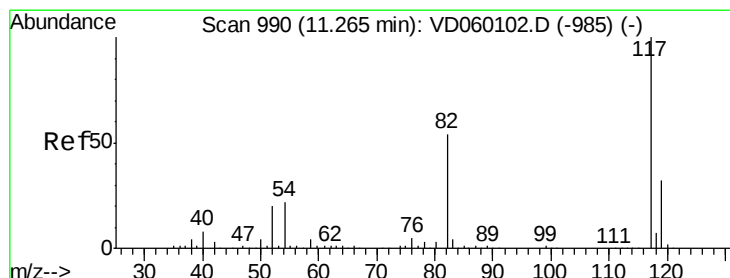
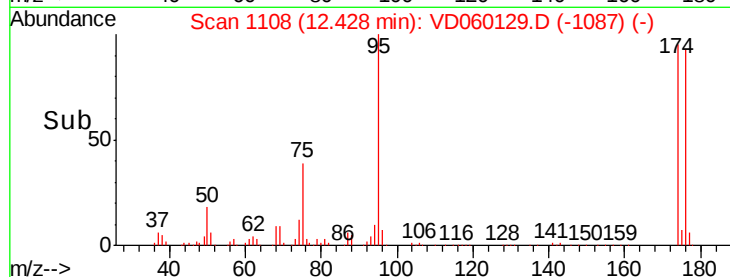
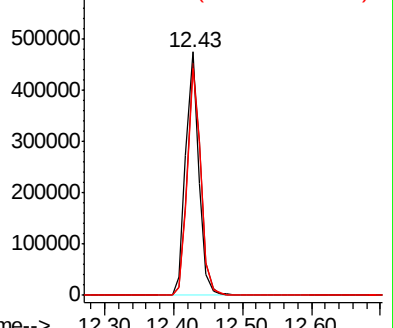
176 93.3 0.0 195.6



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: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060129.D

Acq: 4 Oct 2018 13:32

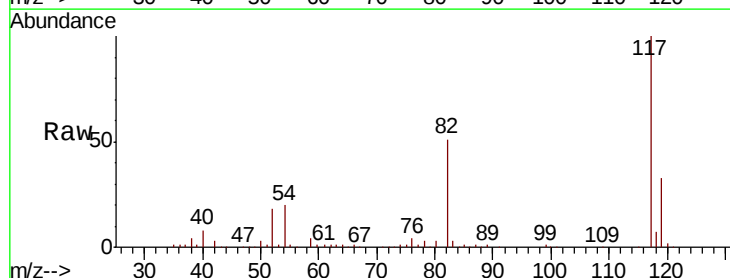
Tgt Ion: 117 Resp: 1736893

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.2

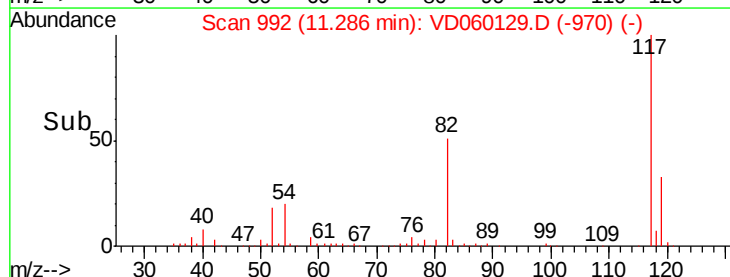
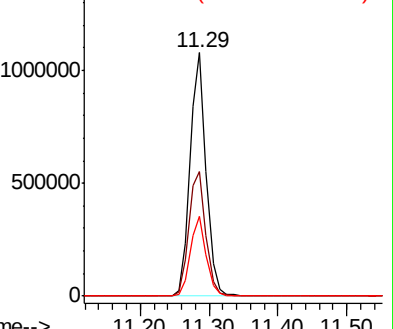
119 33.0 26.0 39.0

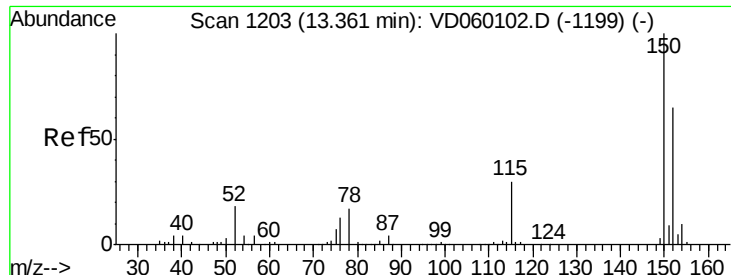


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

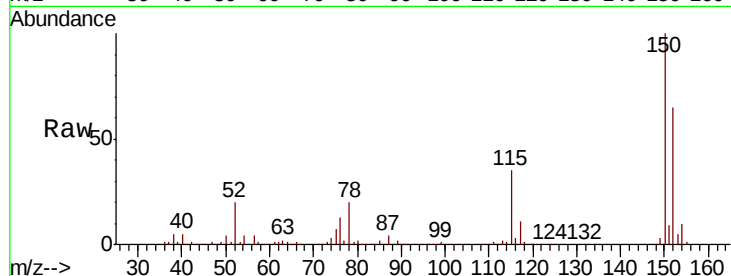




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E9-F9-E9A-F9A

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.1	81.2
150	152.8	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

