

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100318\
 Data File : VD060119.D
 Acq On : 3 Oct 2018 15:38
 Operator : VA/AP
 Sample : J5242-02
 Misc : 9.85g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 04 04:51:49 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

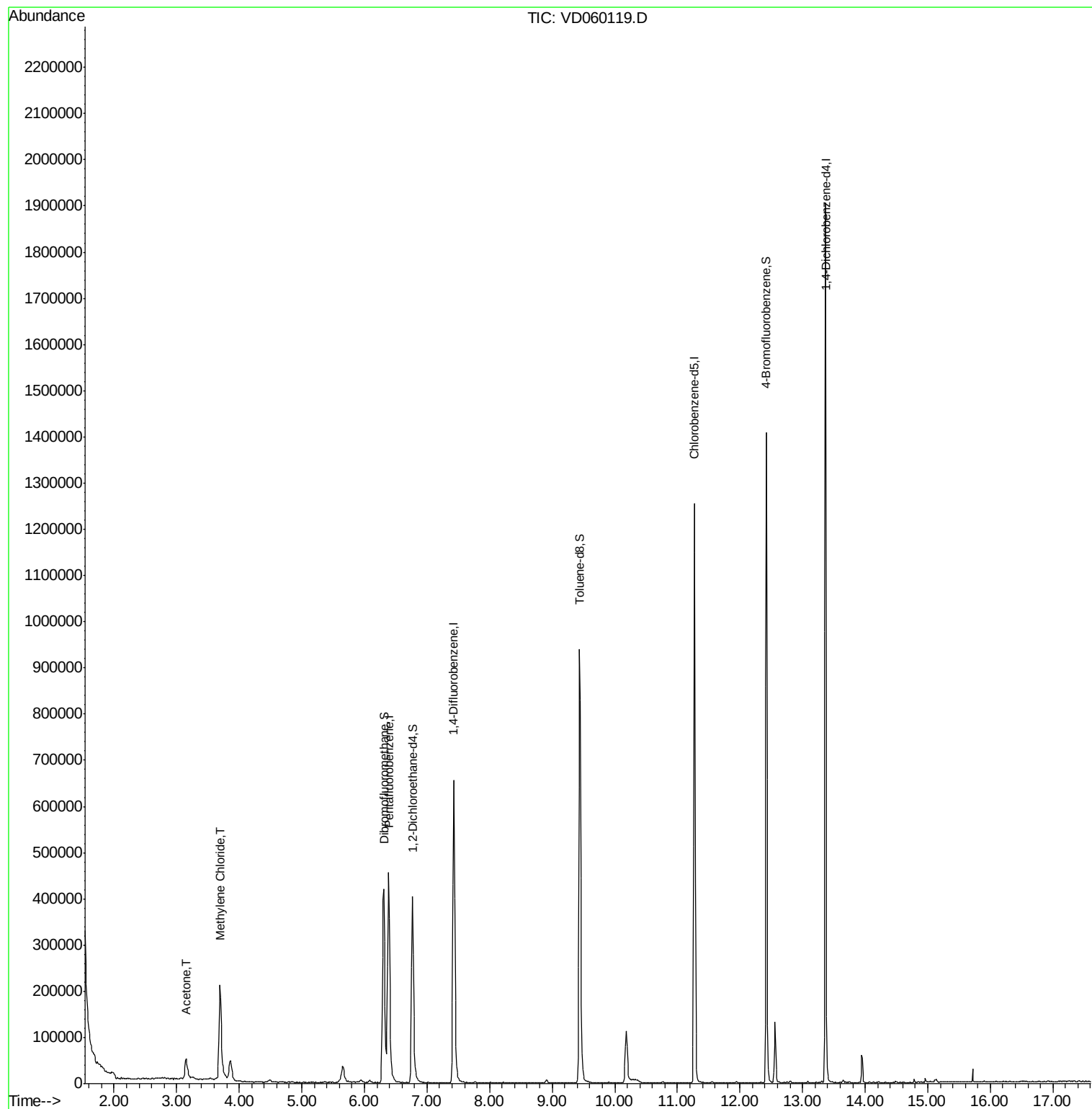
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	438534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	703801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	708969	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	410647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	334909	100.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	201.50%	
35) Dibromofluoromethane	6.31	113	340089	63.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	127.26%	
50) Toluene-d8	9.44	98	752740	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.42	95	390323	68.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.80%	
Target Compounds						
16) Acetone	3.15	43	92540	153.420	ug/l	98
20) Methylene Chloride	3.69	84	131400	25.575	ug/l	96

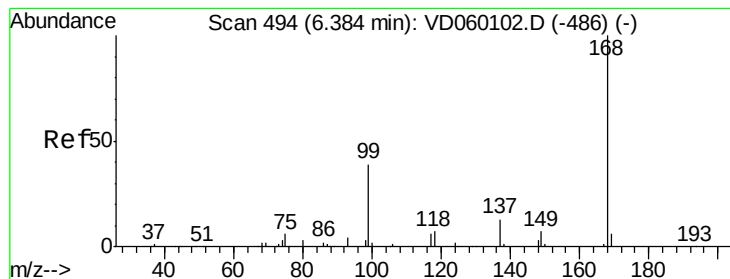
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.39 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060119.D

Acq: 3 Oct 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

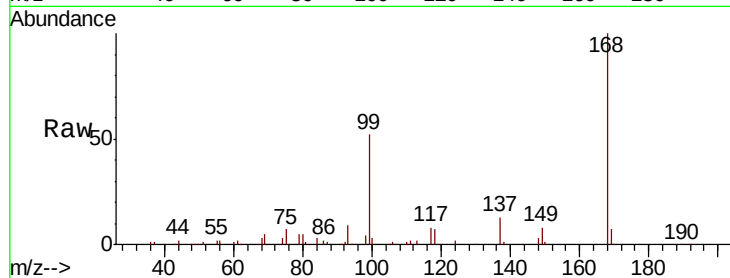
FK-BPM-01-E9-F9-E9A-F9A

Tot Ion:168 Resp: 438534

Ion Ratio Lower Upper

168 100

99 51.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

150000

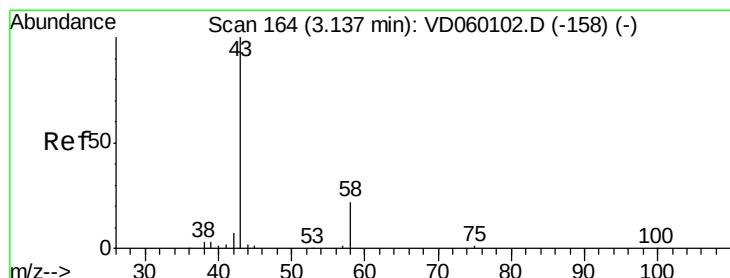
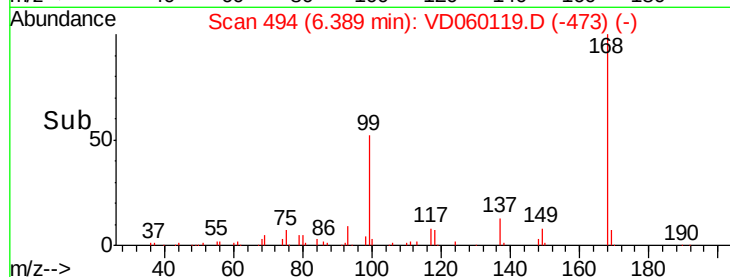
100000

50000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 153.420 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060119.D

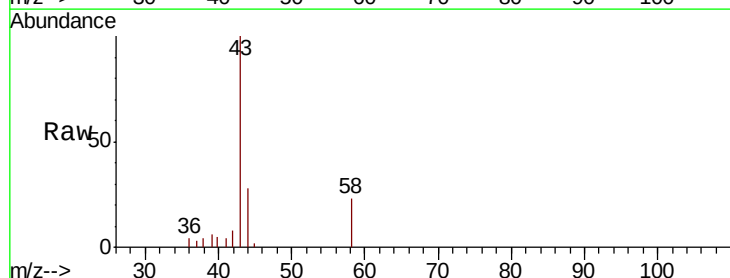
Acq: 3 Oct 2018 15:38

Tgt Ion: 43 Resp: 92540

Ion Ratio Lower Upper

43 100

58 23.0 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

30000

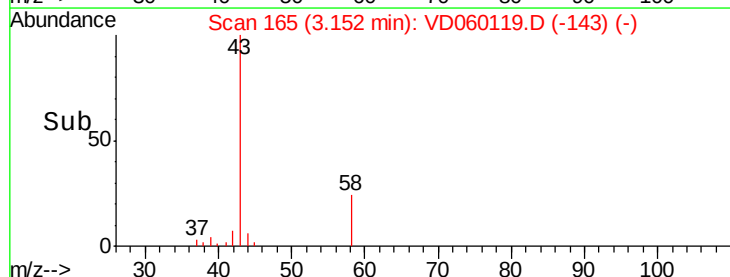
20000

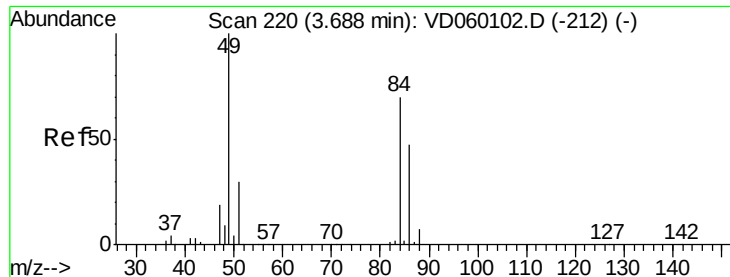
10000

0

Time-->

3.00 3.10 3.20 3.30





#20

Methvlene Chloride

Concen: 25.575 ug/l

RT: 3.69 min Scan# 220

Delta R.T. 0.01 min

Lab File: VD060119.D

Acq: 3 Oct 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

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

Tot Ion: 84 Resp: 131400

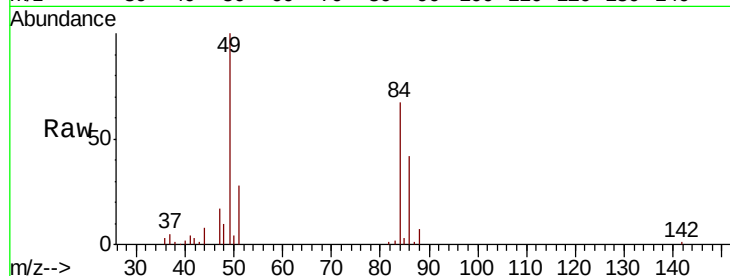
Ion Ratio Lower Upper

84 100

49 150.0 114.6 172.0

51 41.7 33.8 50.8

86 63.4 53.3 79.9

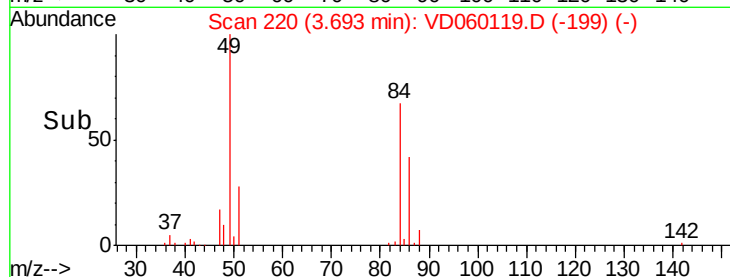


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

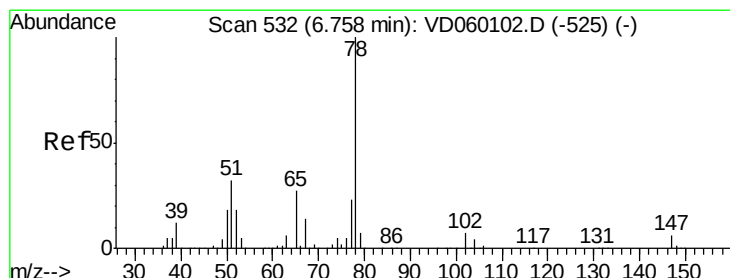
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



Time-->

3.69



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. 0.00 min

Lab File: VD060119.D

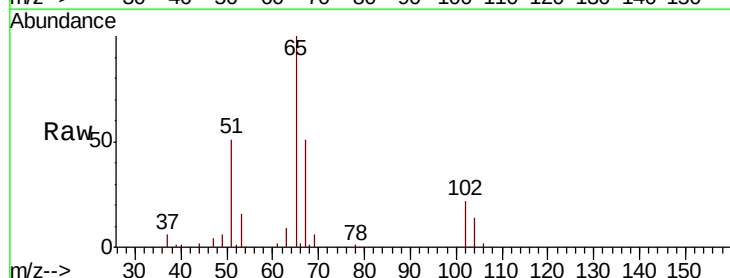
Acq: 3 Oct 2018 15:38

Tgt Ion: 65 Resp: 334909

Ion Ratio Lower Upper

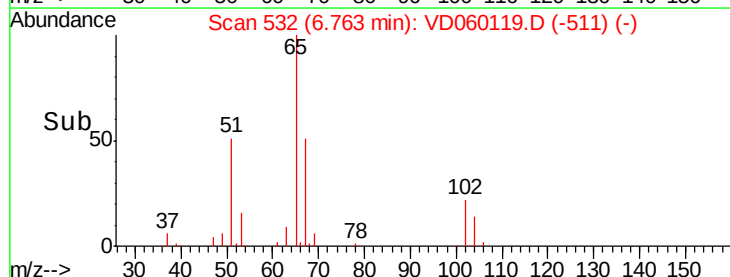
65 100

67 51.4 0.0 106.2



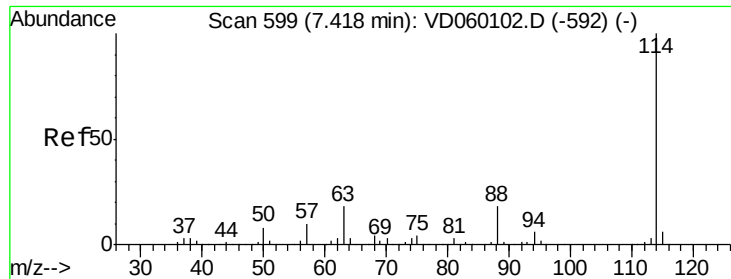
Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->

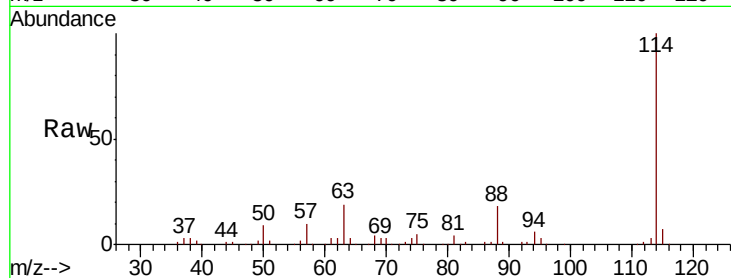
6.76



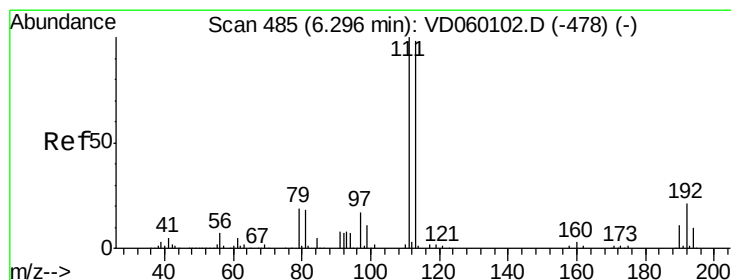
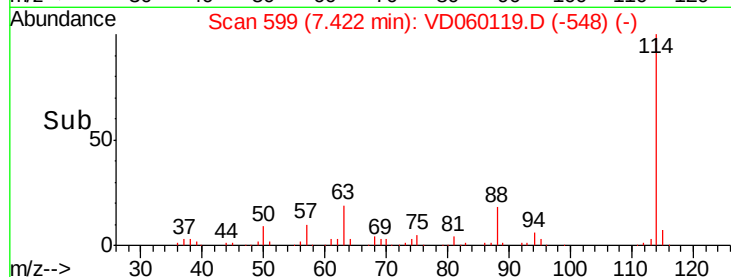
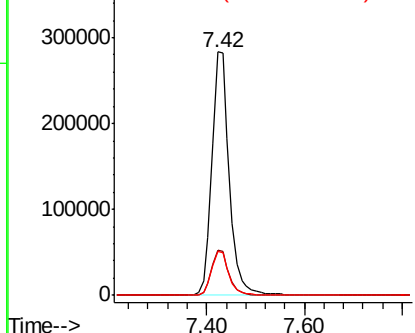
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060119.D
 Acq: 3 Oct 2018 15:38

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

Tot Ion:114 Resp: 703801
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 18.0 0.0 36.2

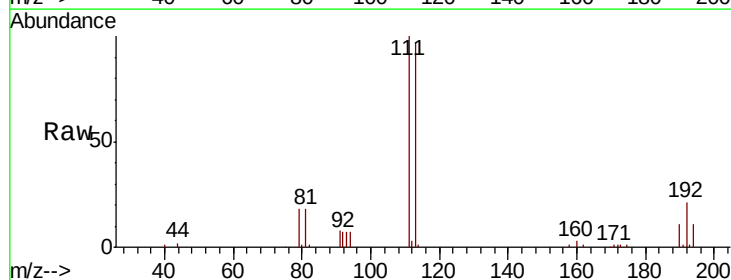


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

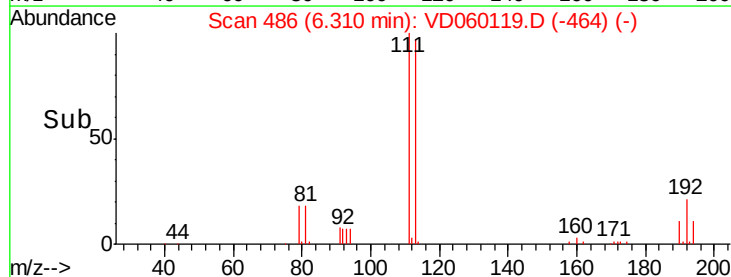
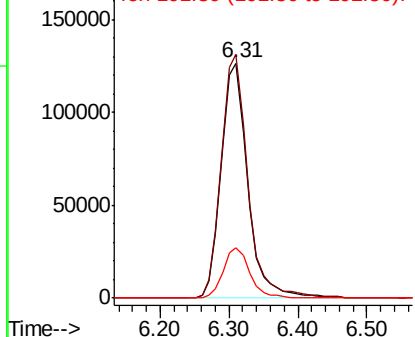


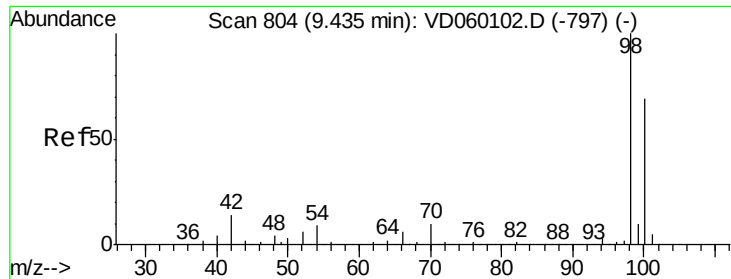
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060119.D
 Acq: 3 Oct 2018 15:38

Tgt Ion:113 Resp: 340089
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 21.6 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: 9.44 min Scan# 804

Delta R.T. 0.00 min

Lab File: VD060119.D

Acq: 3 Oct 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

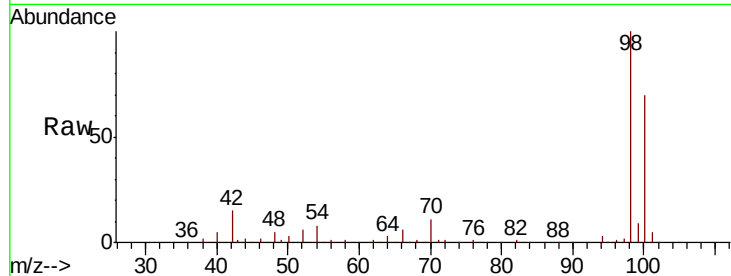
FK-BPM-01-E9-F9-E9A-F9A

Tot Ion: 98 Resp: 752740

Ion Ratio Lower Upper

98 100

100 69.6 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

9.44

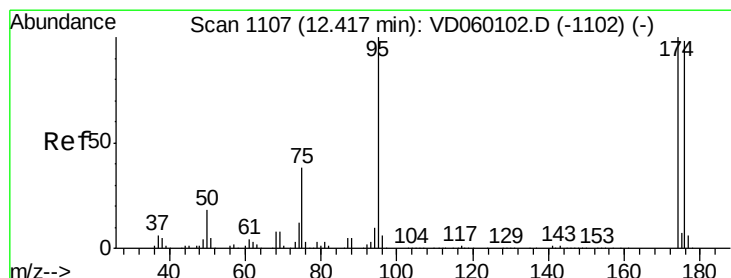
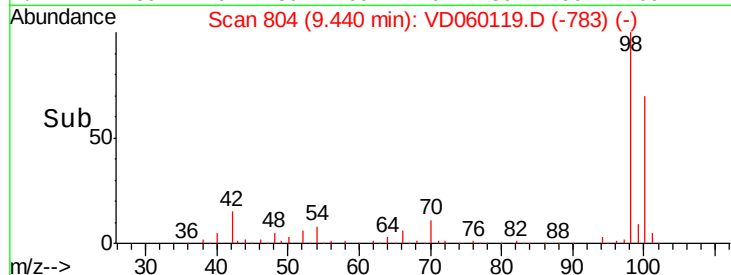
300000

200000

100000

0

Time--> 9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060119.D

Acq: 3 Oct 2018 15:38

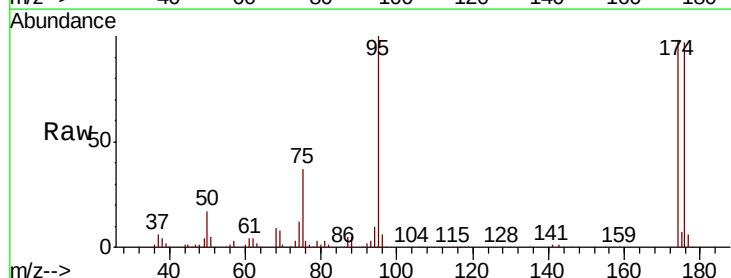
Tgt Ion: 95 Resp: 390323

Ion Ratio Lower Upper

95 100

174 98.3 0.0 200.2

176 97.2 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

12.42

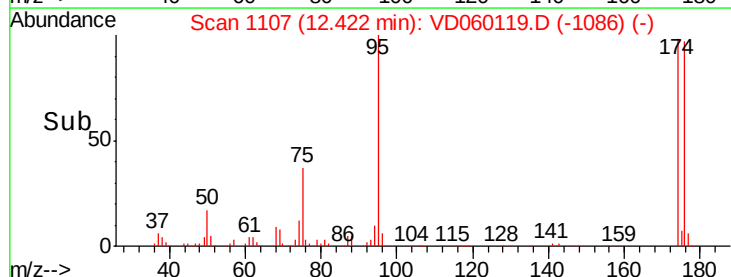
300000

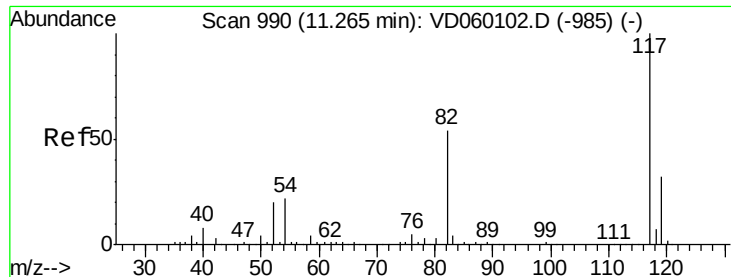
200000

100000

0

Time--> 12.30 12.40 12.50 12.60

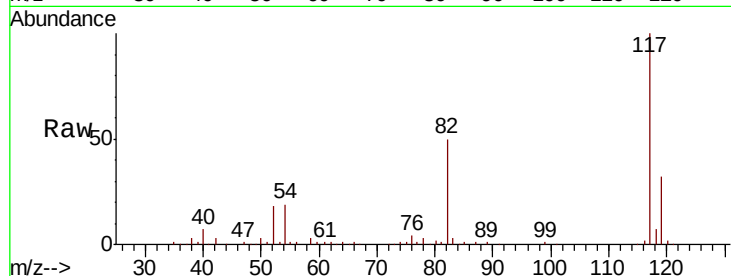




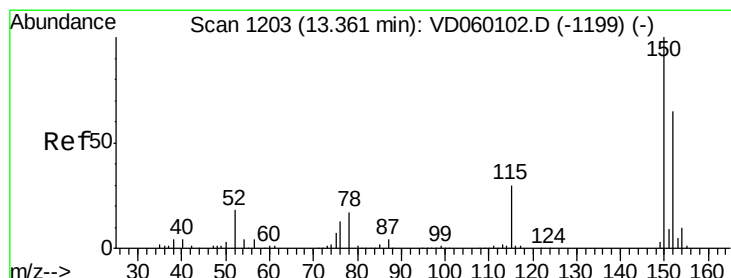
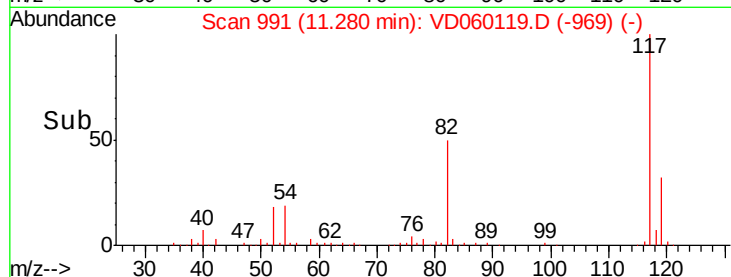
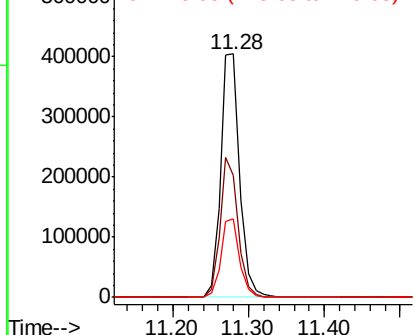
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060119.D
Acq: 3 Oct 2018 15:38

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

Tot Ion:117 Resp: 708969
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.2
119 32.1 26.0 39.0

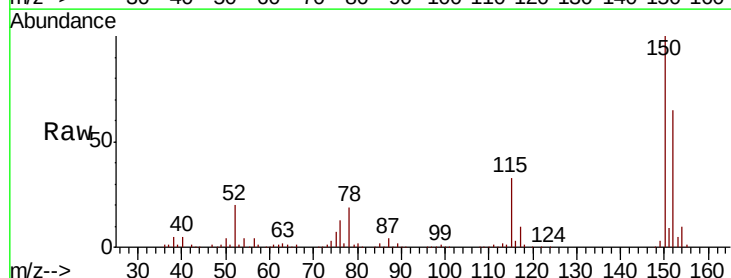


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060119.D
Acq: 3 Oct 2018 15:38

Tgt Ion:152 Resp: 410647
Ion Ratio Lower Upper
152 100
115 51.5 27.1 81.2
150 154.4 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

