

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060990.D
 Acq On : 8 Mar 2019 18:15
 Operator : VA/AP
 Sample : K1808-02
 Misc : 4.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

Quant Time: Mar 09 00:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

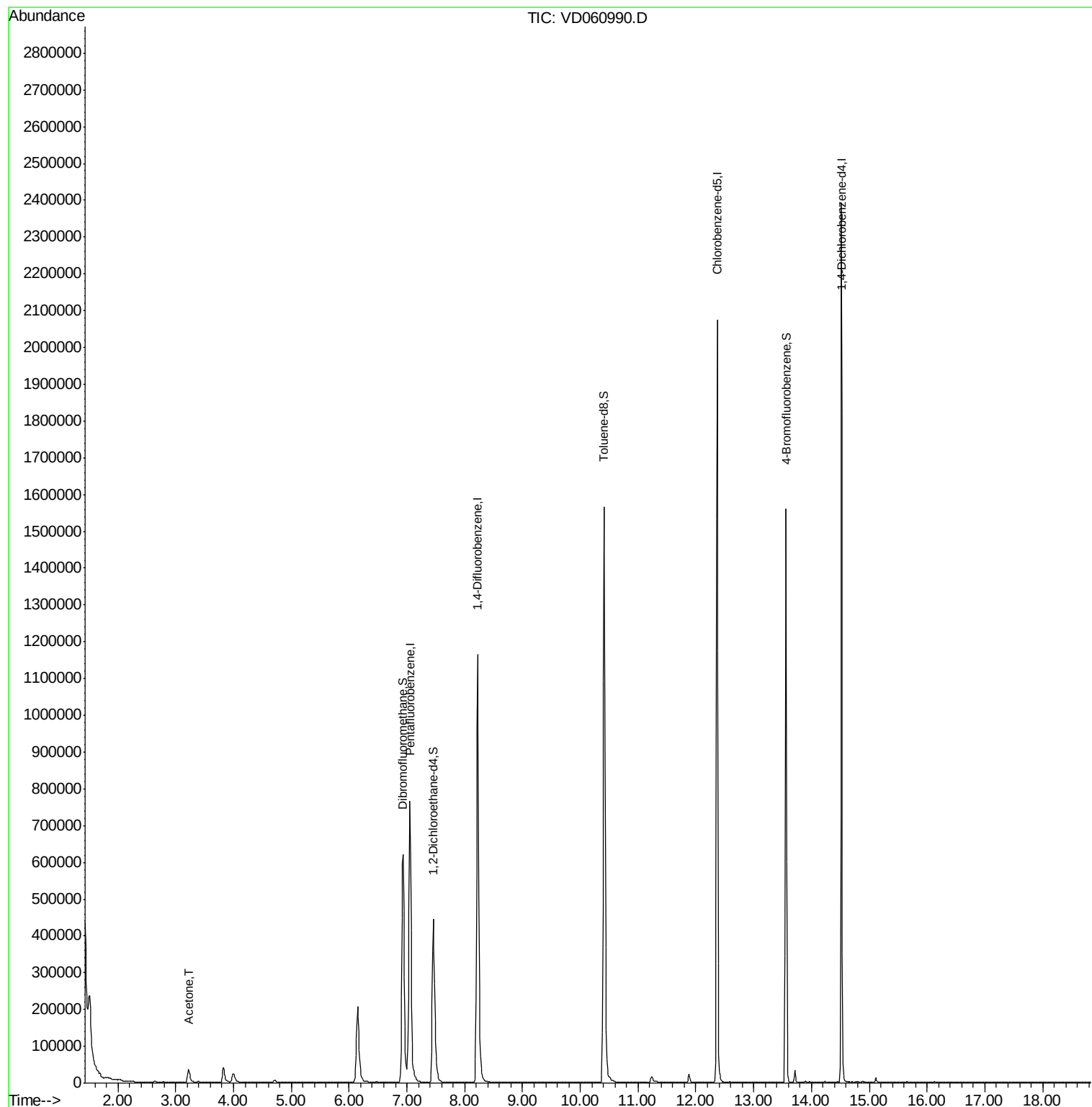
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	793126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1451698	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1282998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	573351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	406447	61.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.14%	
35) Dibromofluoromethane	6.93	113	616287	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
50) Toluene-d8	10.41	98	1421732	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	13.56	95	529192	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
Target Compounds						
16) Acetone	3.22	43	75354	39.915	ug/l	Qvalue 93

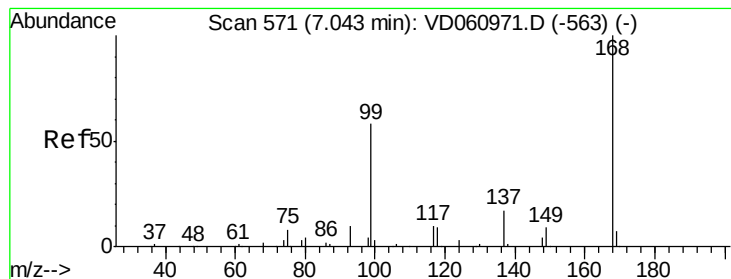
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060990.D

Acq: 8 Mar 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

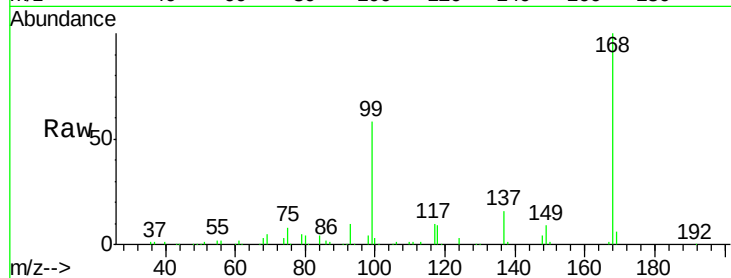
FK-BPM-01-AA0-BB0-AA0A-BB0A

Tot Ion:168 Resp: 793126

Ion Ratio Lower Upper

168 100

99 57.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

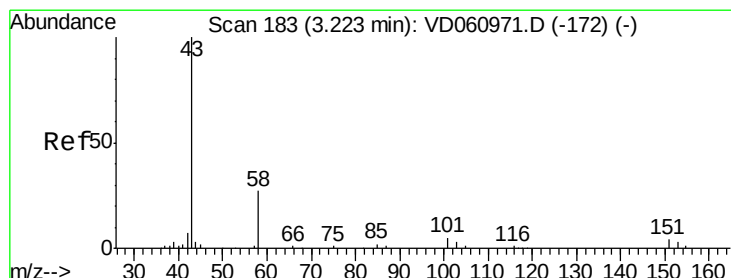
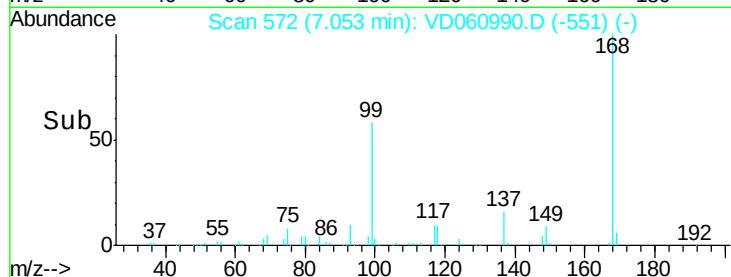
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 39.915 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD060990.D

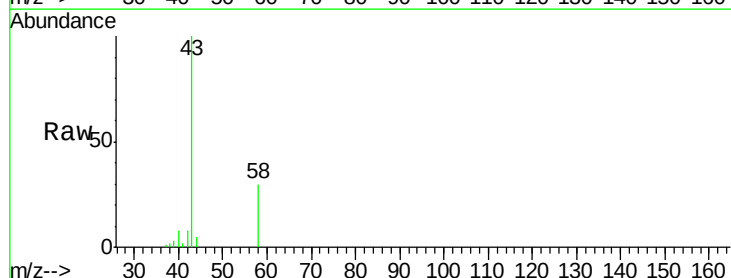
Acq: 8 Mar 2019 18:15

Tgt Ion: 43 Resp: 75354

Ion Ratio Lower Upper

43 100

58 30.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

25000

20000

15000

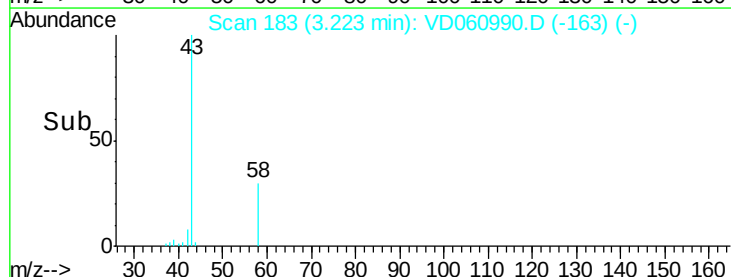
10000

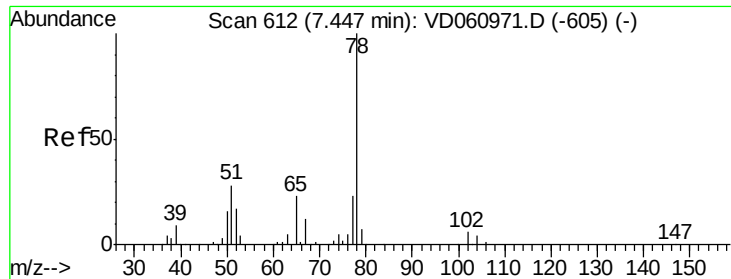
5000

0

3.10 3.20 3.30 3.40

Time-->

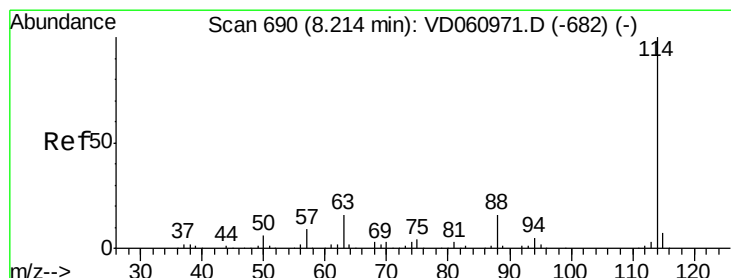
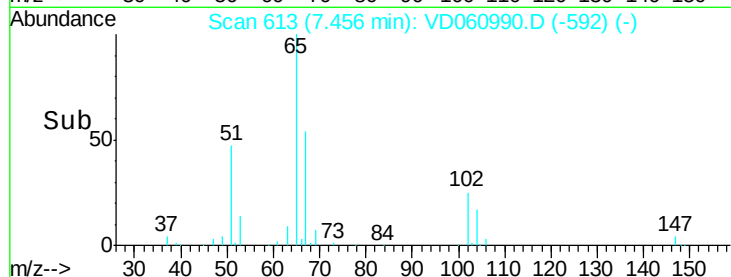
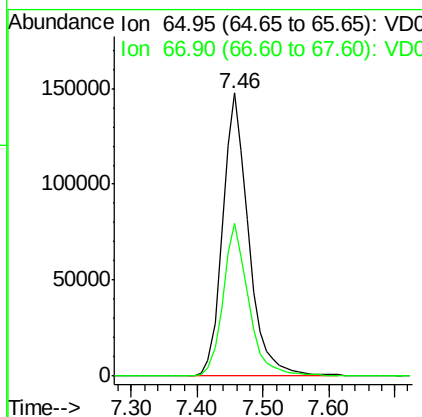
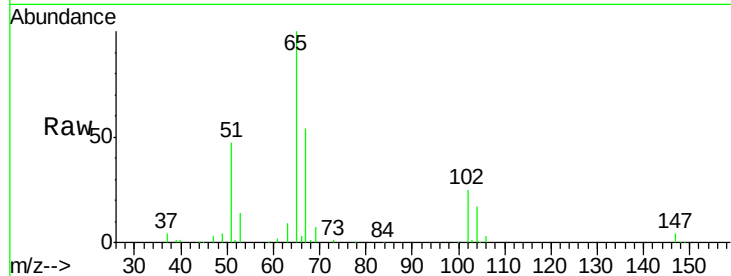




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD060990.D
 Acq: 8 Mar 2019 18:15

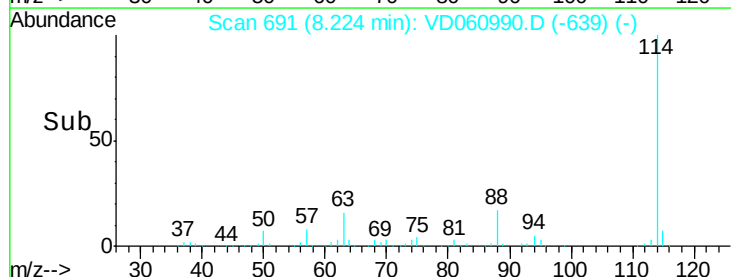
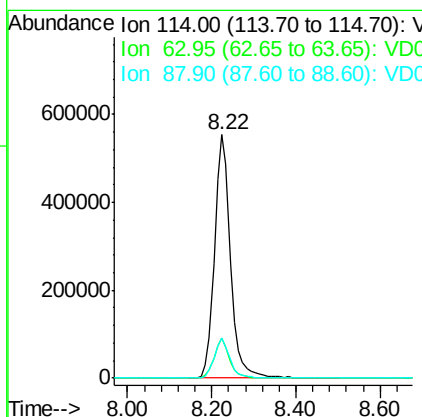
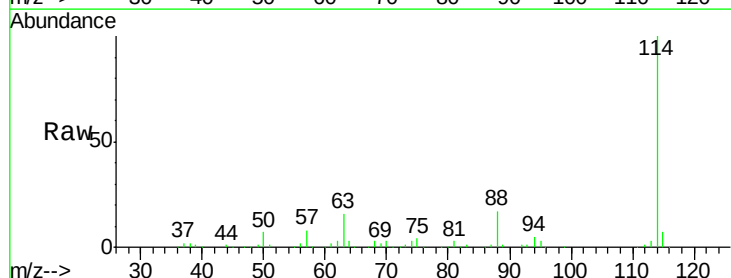
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

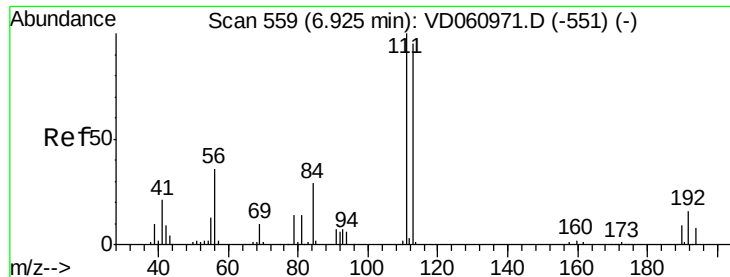
Tot Ion: 65 Resp: 406447
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD060990.D
 Acq: 8 Mar 2019 18:15

Tgt Ion: 114 Resp: 1451698
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.4
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD060990.D

Acq: 8 Mar 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-AA0-BB0-AA0A-BB0A

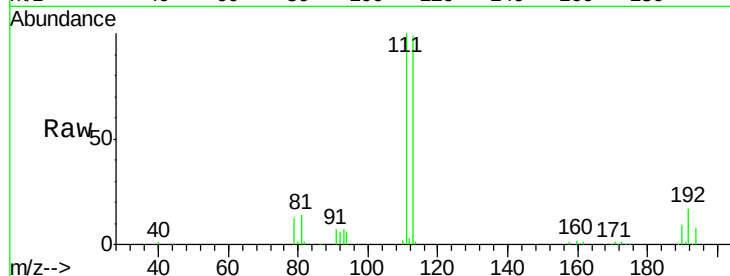
Tot Ion:113 Resp: 616287

Ion Ratio Lower Upper

113 100

111 100.8 84.2 126.4

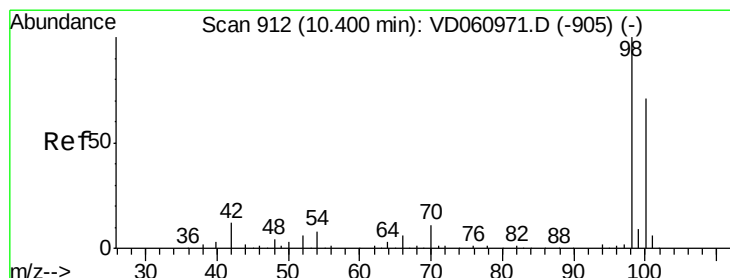
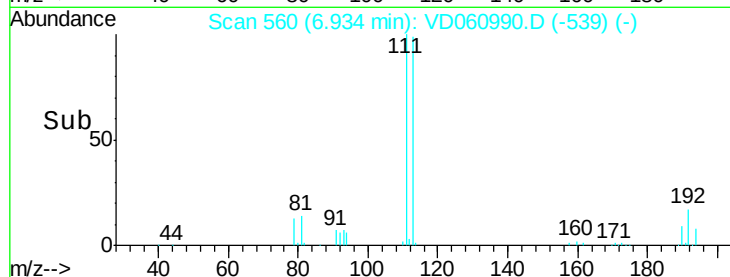
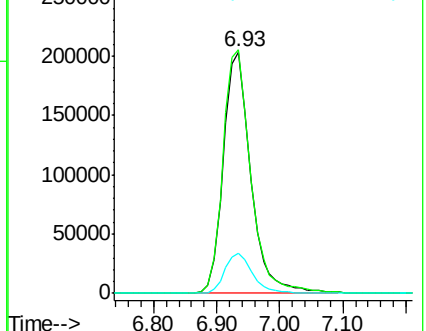
192 16.7 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060990.D

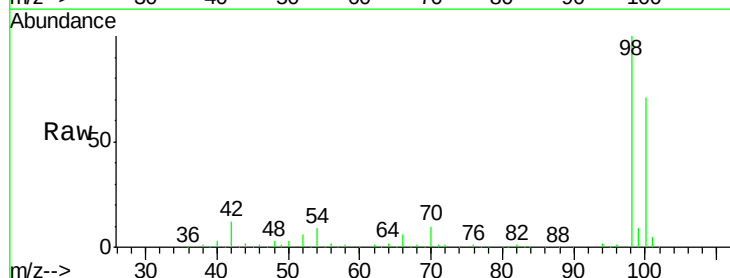
Acq: 8 Mar 2019 18:15

Tgt Ion: 98 Resp: 1421732

Ion Ratio Lower Upper

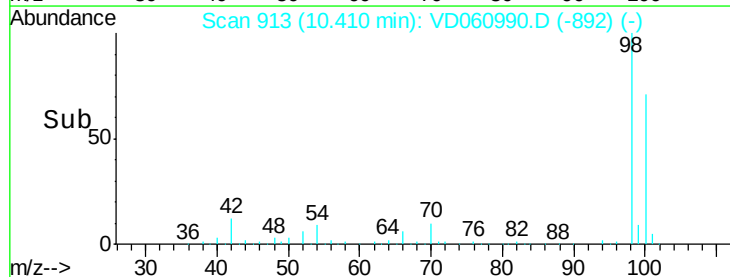
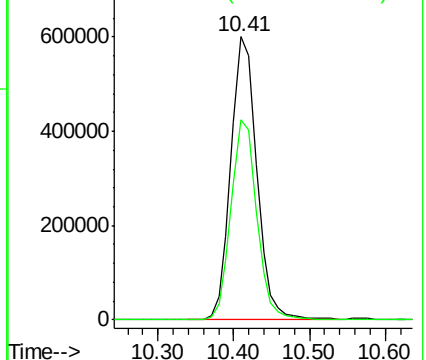
98 100

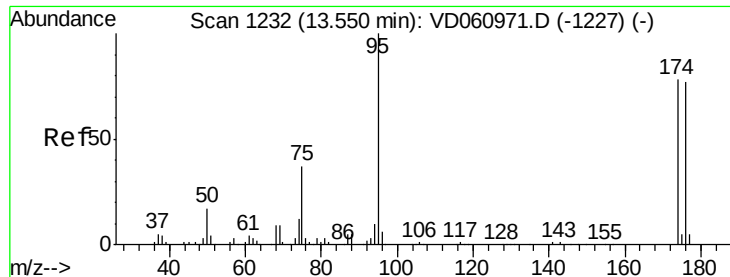
100 70.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

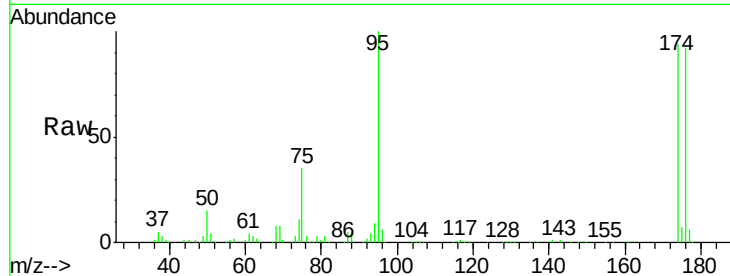




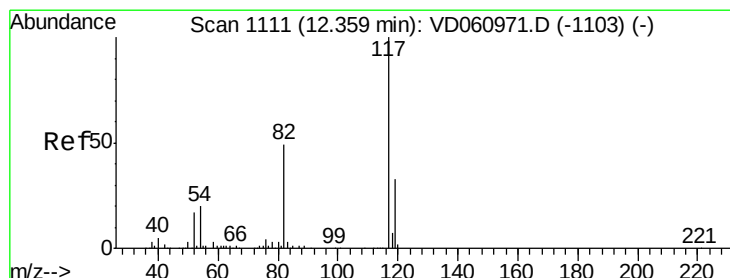
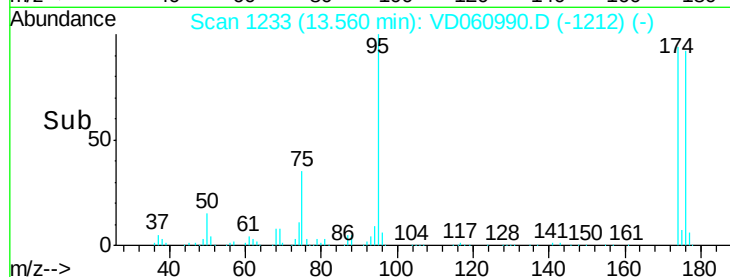
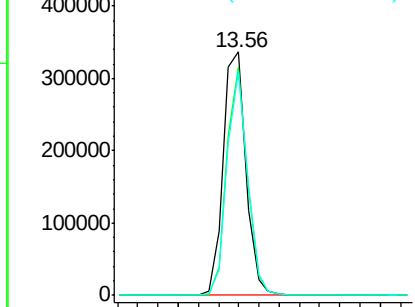
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060990.D
Acq: 8 Mar 2019 18:15

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-AA0-BB0-AA0A-BB0A

Tot Ion: 95 Resp: 529192
Ion Ratio Lower Upper
95 100
174 93.6 0.0 155.6
176 92.1 0.0 153.8

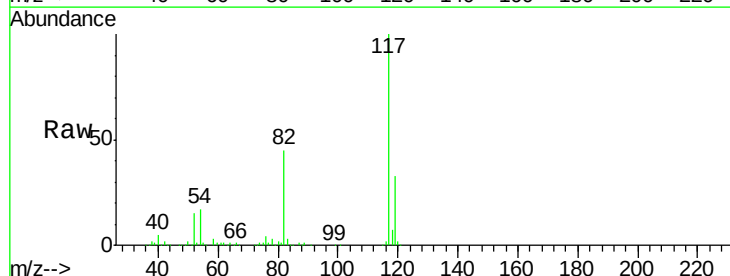


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

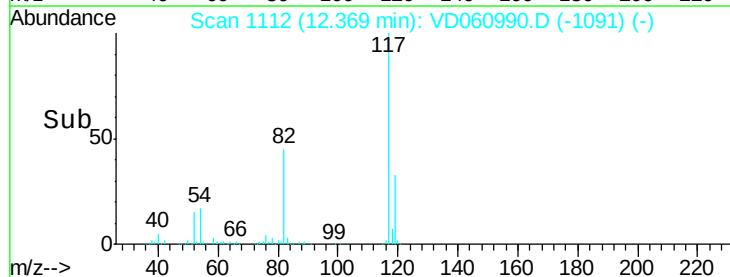
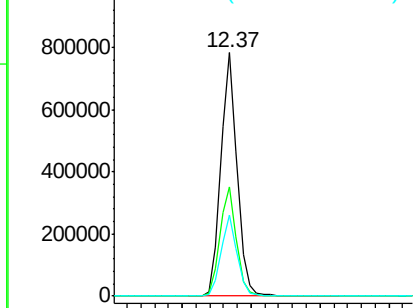


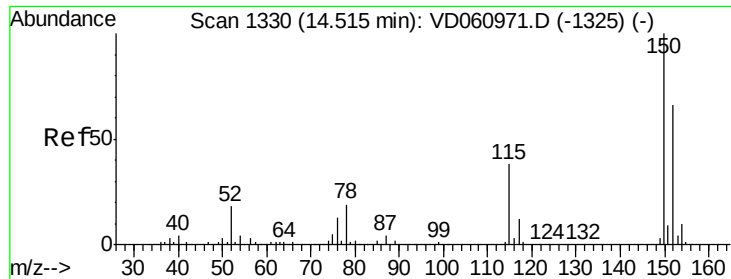
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060990.D
Acq: 8 Mar 2019 18:15

Tgt Ion: 117 Resp: 1282998
Ion Ratio Lower Upper
117 100
82 44.9 38.9 58.3
119 33.1 26.6 39.8



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

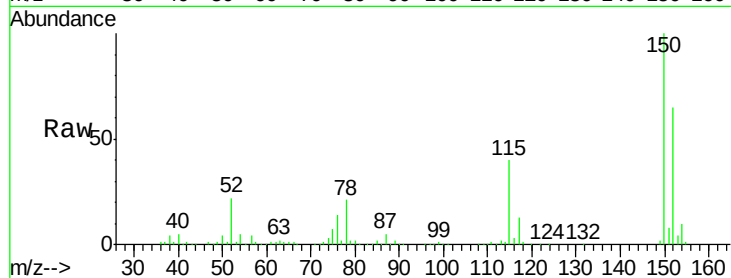




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD060990.D
 Acq: 8 Mar 2019 18:15

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

Tot Ion:152 Resp: 573351
 Ion Ratio Lower Upper
 152 100
 115 60.7 28.6 85.9
 150 153.7 0.0 310.6



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

