

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061807.D
 Acq On : 16 Apr 2019 13:20
 Operator : VA/AP
 Sample : K2347-02
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02

Quant Time: Apr 16 16:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

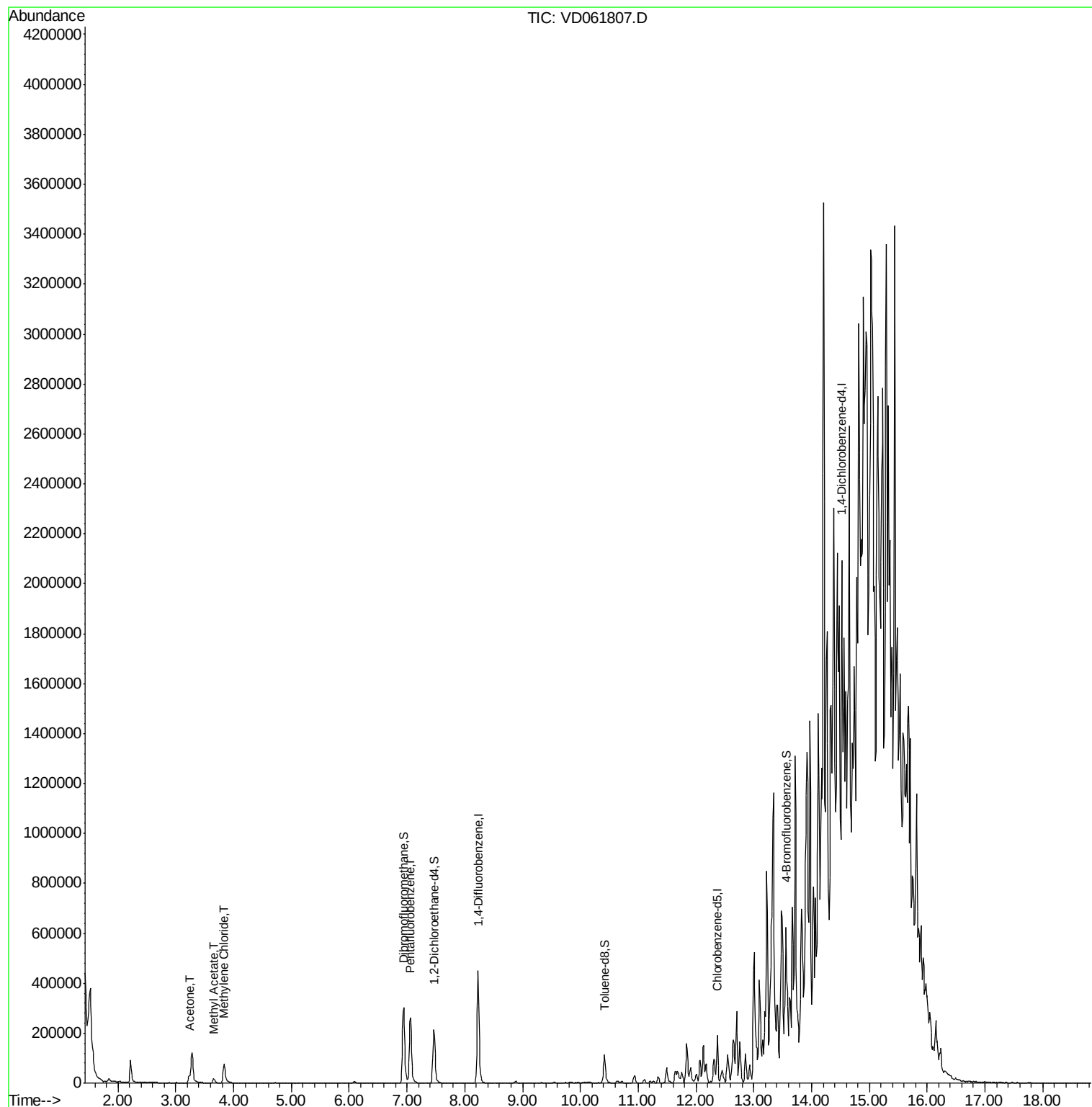
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	270648	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	561886	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	114108	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	72468	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	217352	95.82	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	191.64%	
35) Dibromofluoromethane	6.94	113	297386	70.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	140.10%	
50) Toluene-d8	10.42	98	87722	8.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	17.44%	
62) 4-Bromofluorobenzene	13.56	95	69351	17.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	34.02%	
Target Compounds						
16) Acetone	3.23	43	68118	121.847	ug/l	99
18) Methyl Acetate	3.66	43	36020	32.146	ug/l	98
20) Methylene Chloride	3.83	84	63798	20.227	ug/l	94

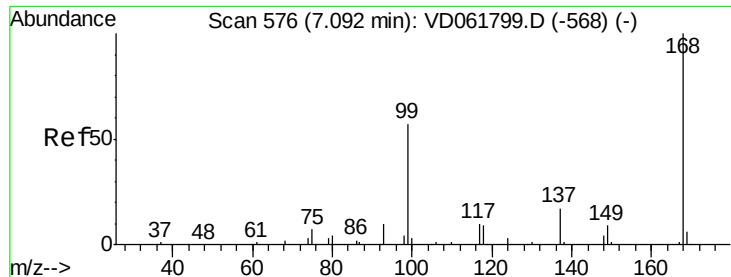
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD061807.D

Acq: 16 Apr 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

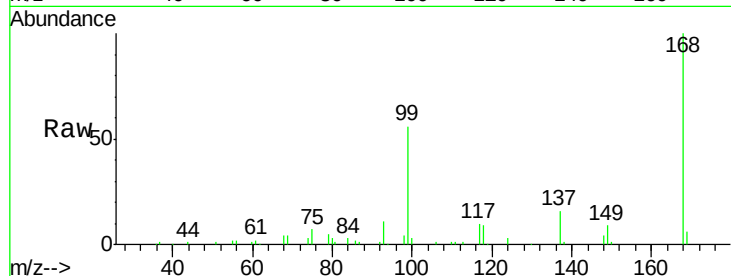
BCOG02

Tot Ion:168 Resp: 270648

Ion Ratio Lower Upper

168 100

99 56.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

100000

80000

60000

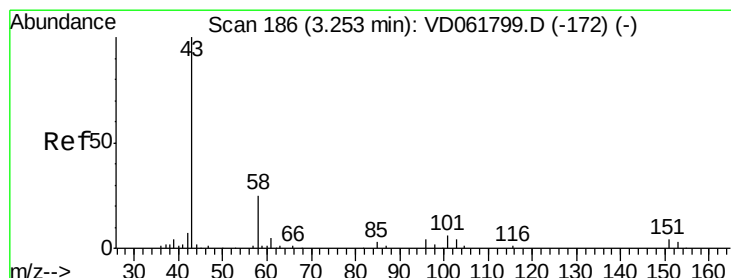
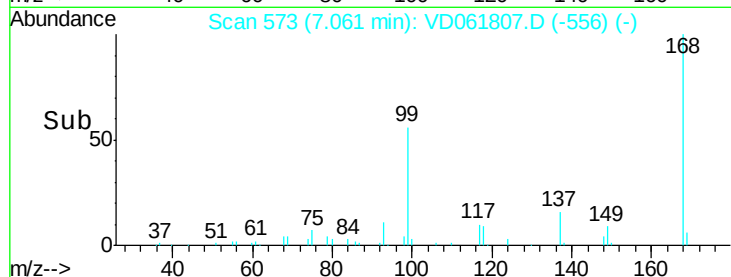
40000

20000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 121.847 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.02 min

Lab File: VD061807.D

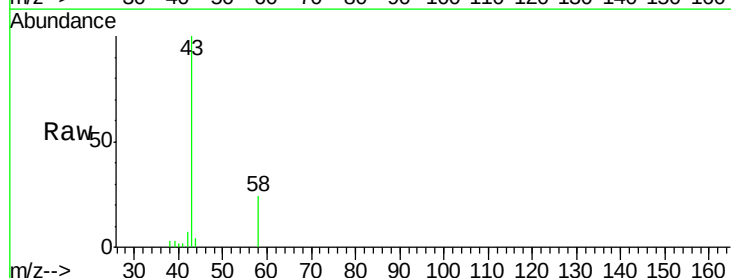
Acq: 16 Apr 2019 13:20

Tgt Ion: 43 Resp: 68118

Ion Ratio Lower Upper

43 100

58 24.3 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

25000

20000

15000

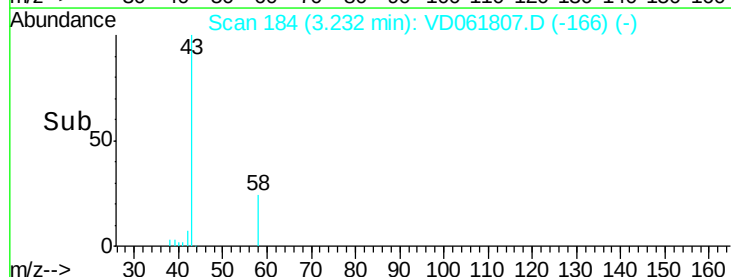
10000

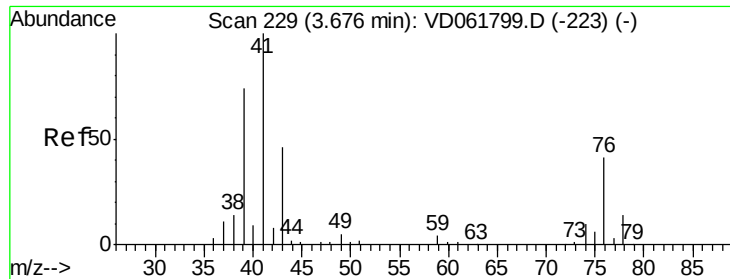
5000

0

Time-->

3.10 3.20 3.30 3.40

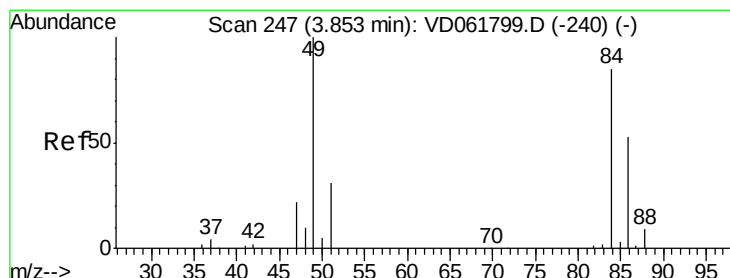
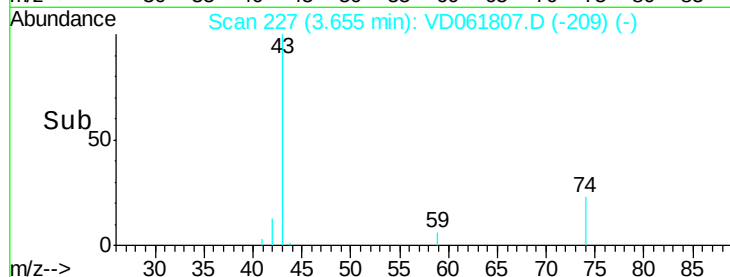
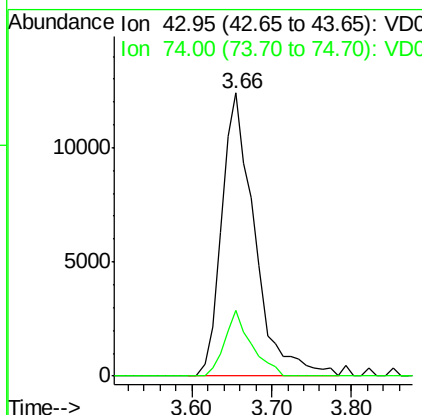
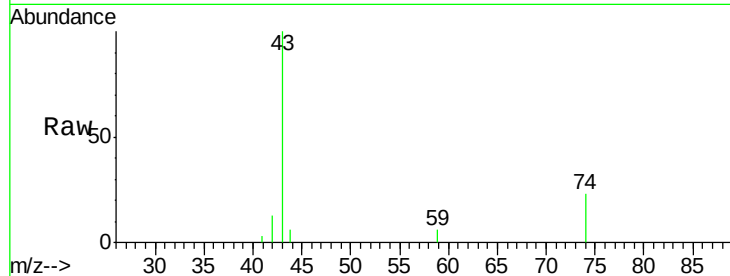




#18
Methvl Acetate
Concen: 32.146 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.02 min
Lab File: VD061807.D
Acq: 16 Apr 2019 13:20

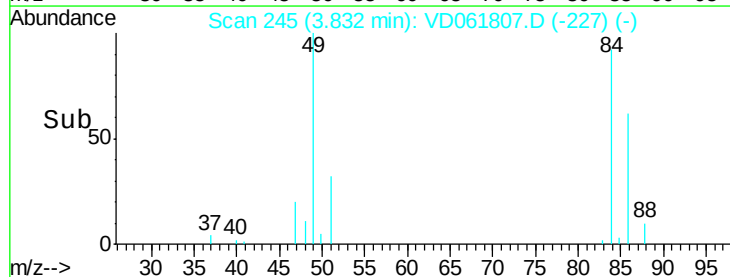
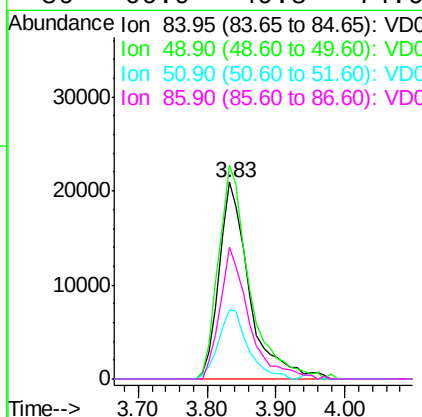
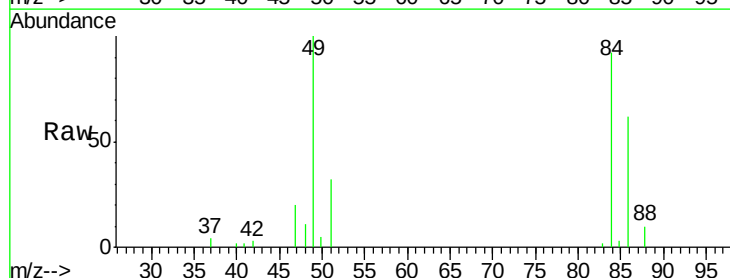
Instrument :
MSVOA_D
ClientSampleId :
BCOG02

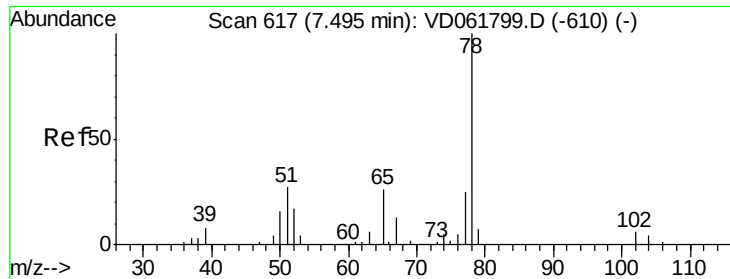
Tot Ion: 43 Resp: 36020
Ion Ratio Lower Upper
43 100
74 23.3 18.0 27.0



#20
Methylene Chloride
Concen: 20.227 ug/l
RT: 3.83 min Scan# 245
Delta R.T. -0.02 min
Lab File: VD061807.D
Acq: 16 Apr 2019 13:20

Tgt Ion: 84 Resp: 63798
Ion Ratio Lower Upper
84 100
49 108.7 94.0 141.0
51 35.1 29.0 43.4
86 66.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 614

Delta R.T. -0.03 min

Lab File: VD061807.D

Acq: 16 Apr 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

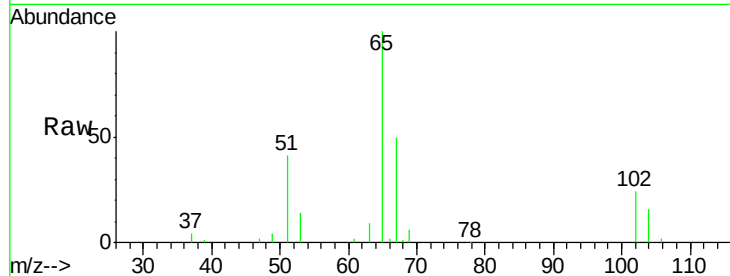
BCOG02

Tot Ion: 65 Resp: 217352

Ion Ratio Lower Upper

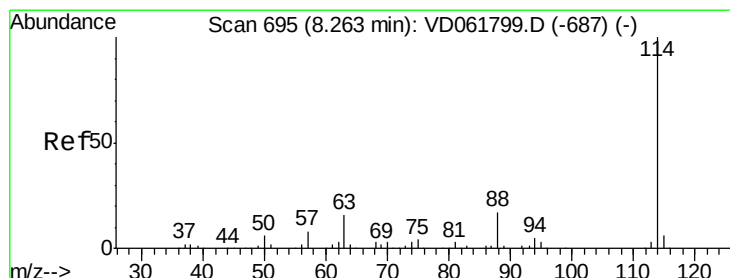
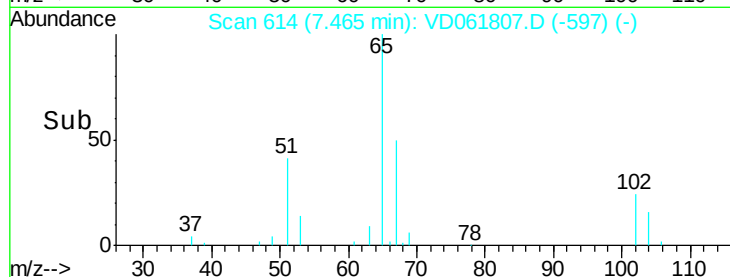
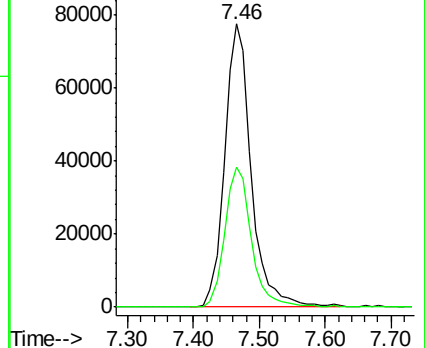
65 100

67 49.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. -0.03 min

Lab File: VD061807.D

Acq: 16 Apr 2019 13:20

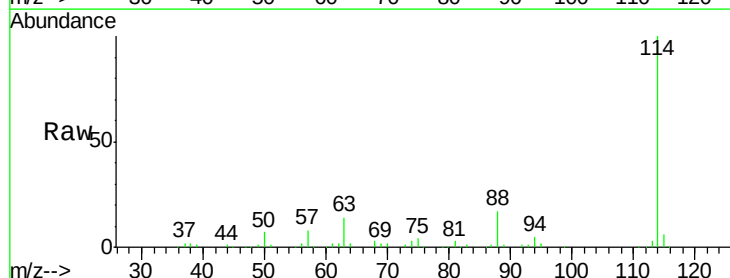
Tgt Ion: 114 Resp: 561886

Ion Ratio Lower Upper

114 100

63 14.5 0.0 32.4

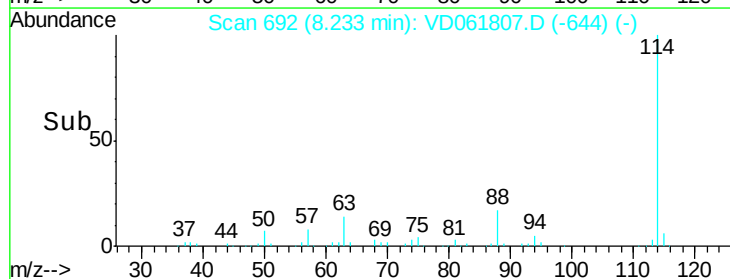
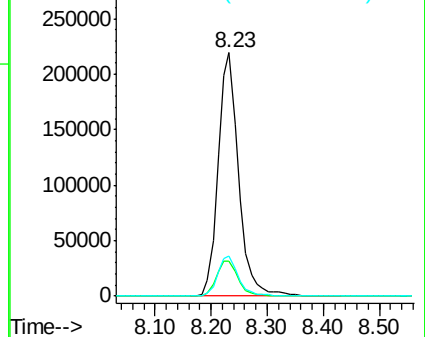
88 16.7 0.0 33.6

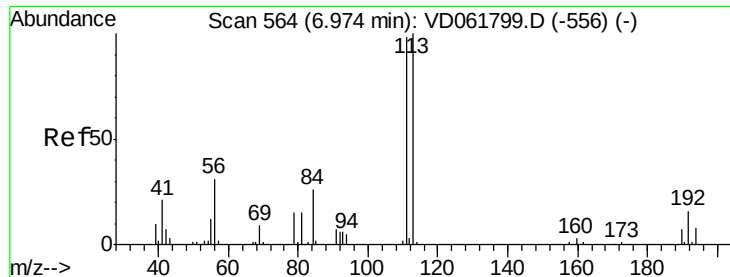


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

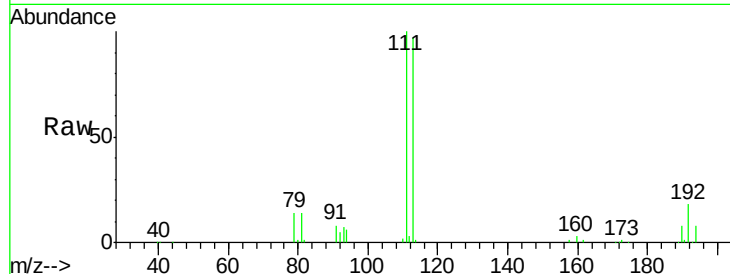




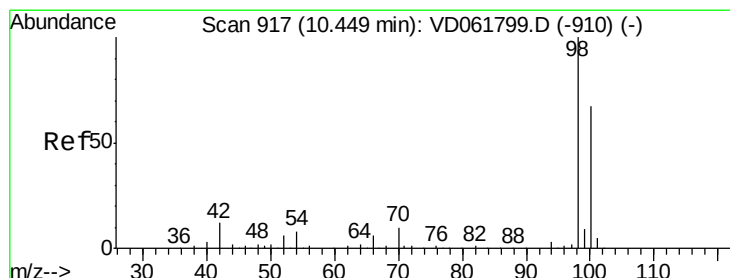
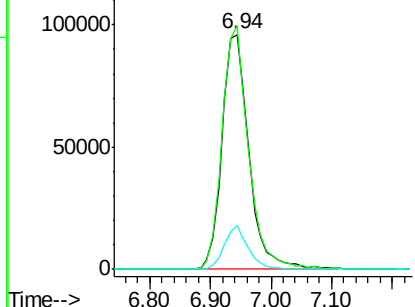
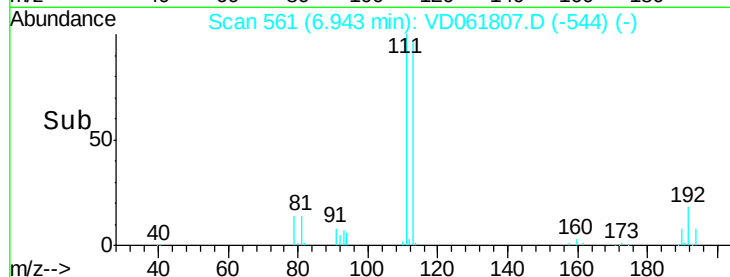
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: VD061807.D
 Acq: 16 Apr 2019 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02

Tot Ion:113 Resp: 297386
 Ion Ratio Lower Upper
 113 100
 111 103.5 78.5 117.7
 192 18.5 13.0 19.4

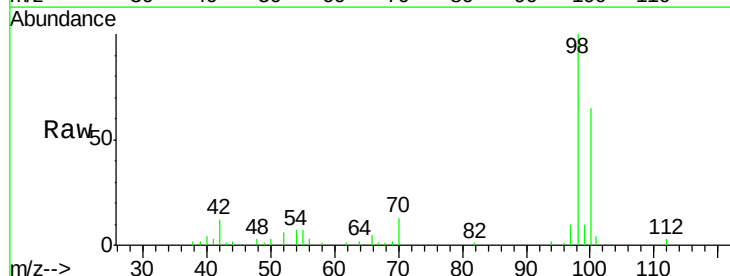


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

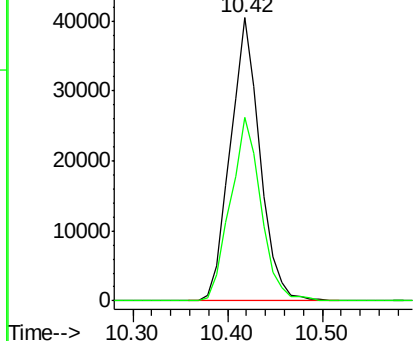
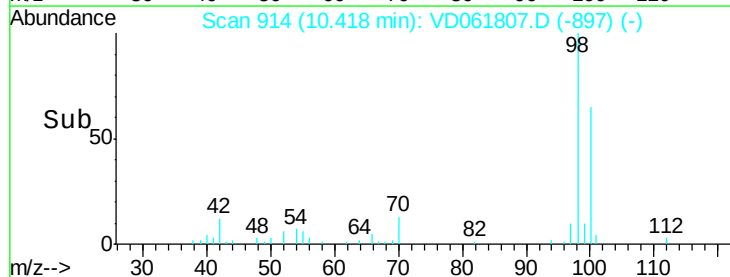


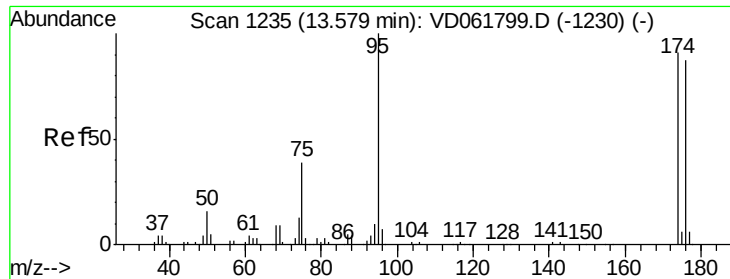
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: VD061807.D
 Acq: 16 Apr 2019 13:20

Tgt Ion: 98 Resp: 87722
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.8 80.8



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061807.D

Acq: 16 Apr 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

BCOG02

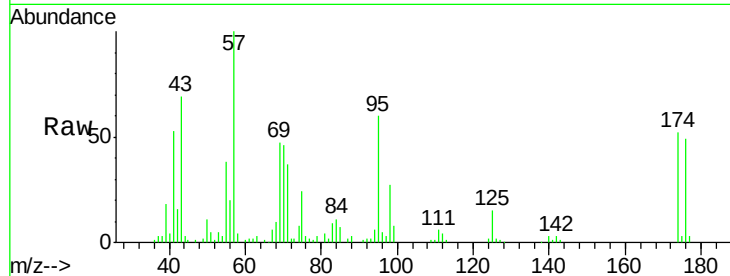
Tot Ion: 95 Resp: 69351

Ion Ratio Lower Upper

95 100

174 85.4 0.0 181.8

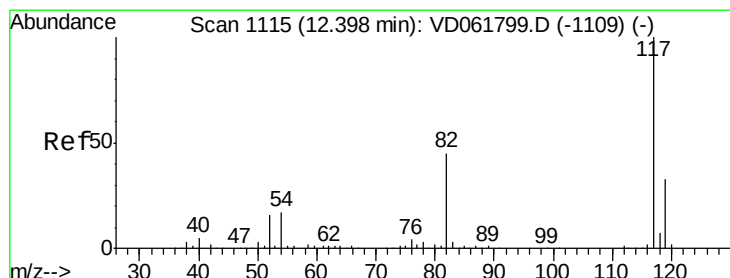
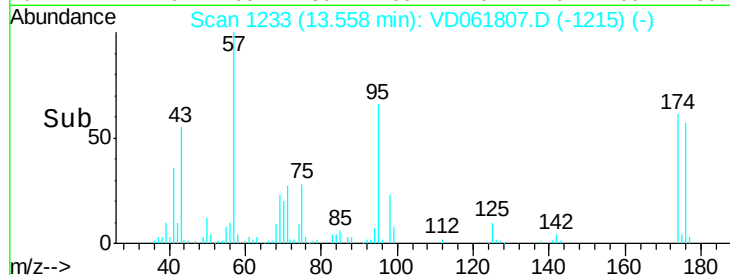
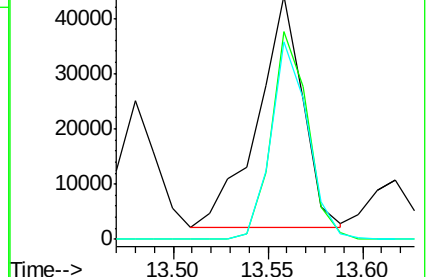
176 80.9 0.0 174.4



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. -0.03 min

Lab File: VD061807.D

Acq: 16 Apr 2019 13:20

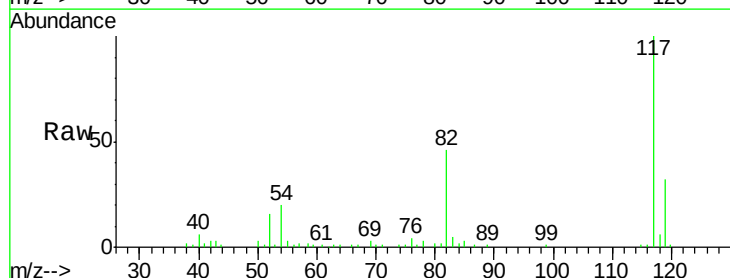
Tgt Ion: 117 Resp: 114108

Ion Ratio Lower Upper

117 100

82 45.5 36.2 54.2

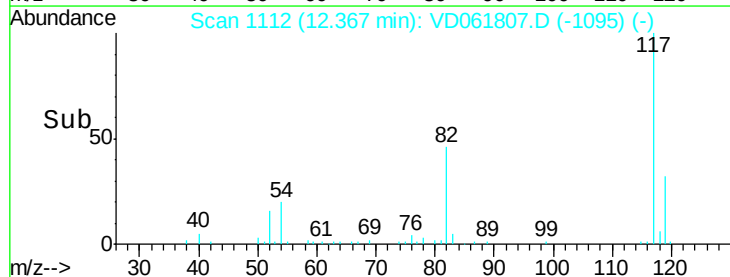
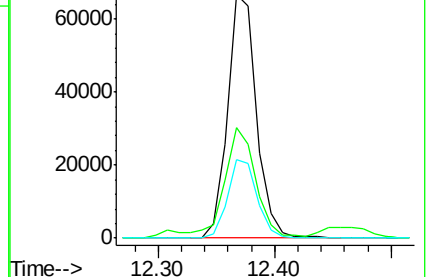
119 32.2 26.2 39.4

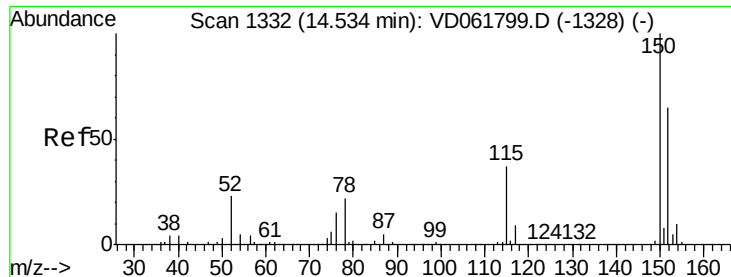


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD061807.D
 Acq: 16 Apr 2019 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02

Tot Ion:152 Resp: 72468
 Ion Ratio Lower Upper
 152 100
 115 51.0 30.9 92.7
 150 154.4 0.0 314.8

