

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061666.D
 Acq On : 8 Apr 2019 22:45
 Operator : VA/AP
 Sample : K2245-06
 Misc : 5.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2

Quant Time: Apr 09 02:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

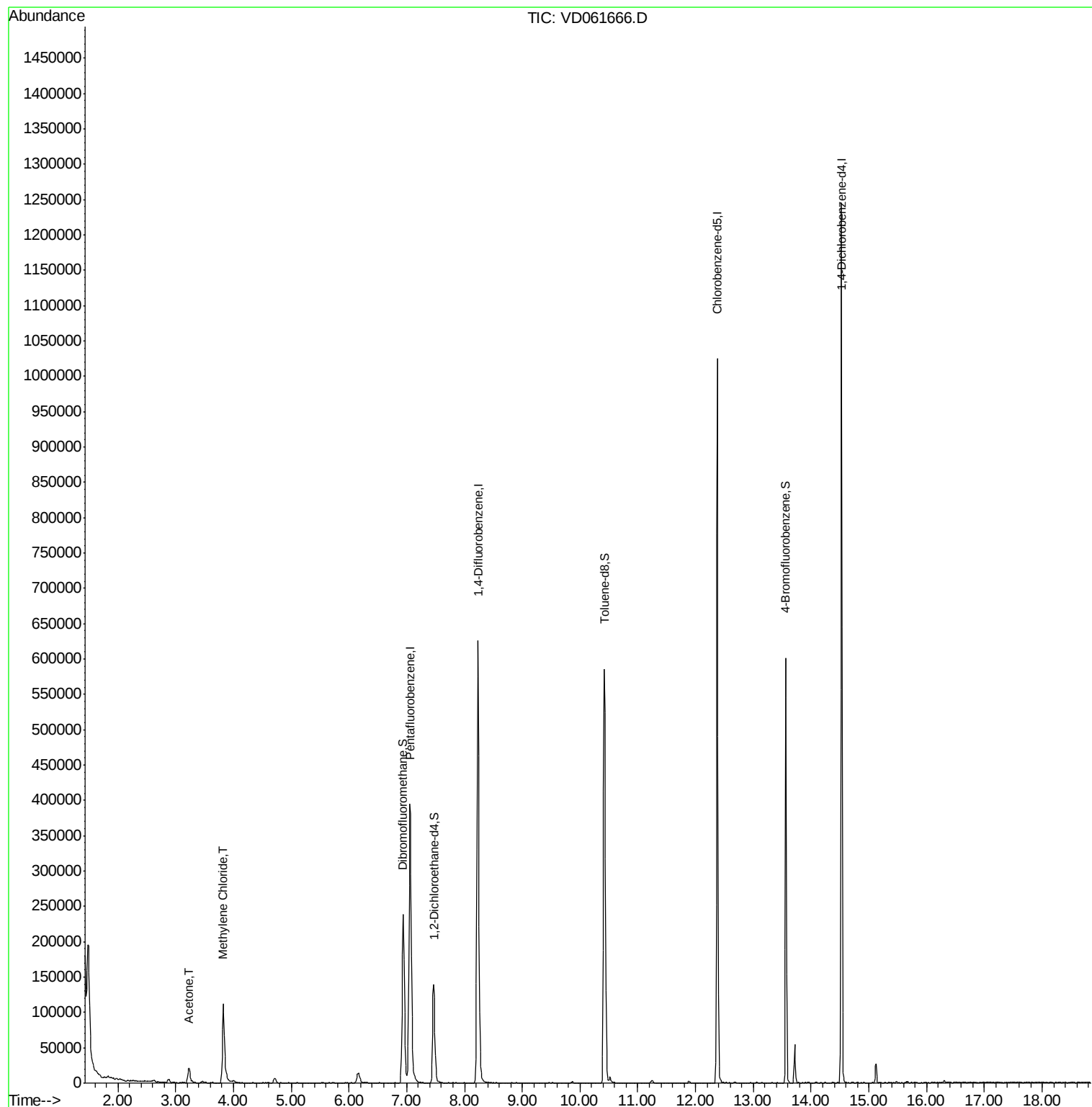
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	420740	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	741405	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	604859	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	277387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	142203	44.59	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	6.93	113	233947	45.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	91.10%	
50) Toluene-d8	10.42	98	523940	40.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.20%	
62) 4-Bromofluorobenzene	13.56	95	202614	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
Target Compounds						
16) Acetone	3.23	43	44458	46.633	ug/l	96
20) Methylene Chloride	3.82	84	76954	14.225	ug/l	97

(#) = 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. 0.02 min

Lab File: VD061666.D

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Instrument :

MSVOA_D

ClientSampleId :

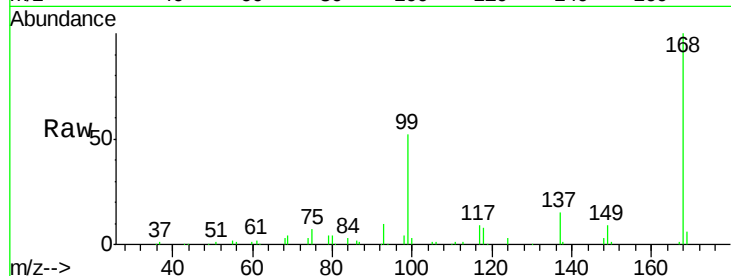
TP-1-D2

Tot Ion:168 Resp: 420740

Ion Ratio Lower Upper

168 100

99 51.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

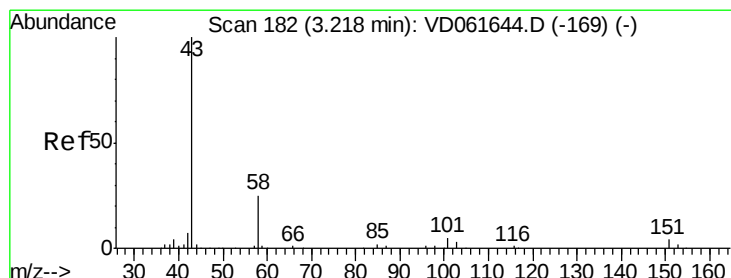
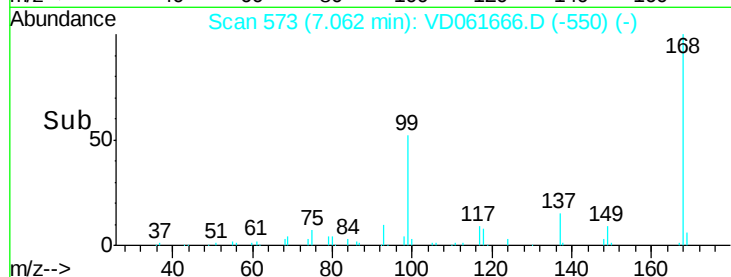
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 46.633 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061666.D

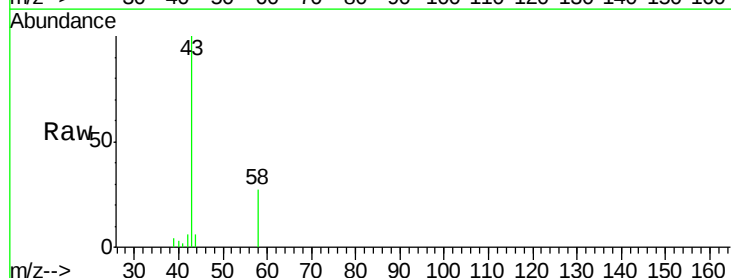
Acq: 8 Apr 2019 22:45

Tgt Ion: 43 Resp: 44458

Ion Ratio Lower Upper

43 100

58 26.8 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

15000

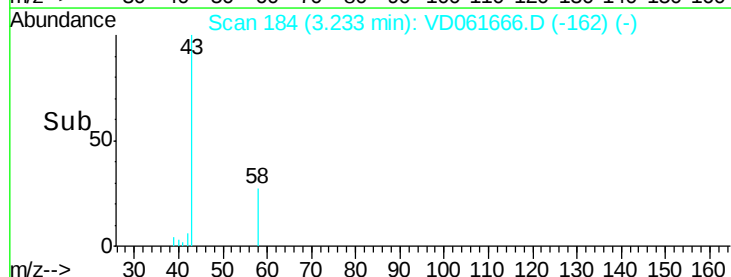
10000

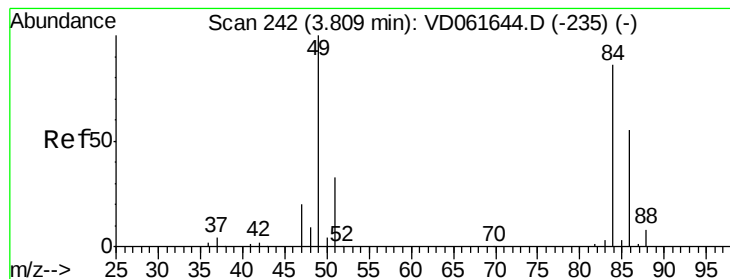
5000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 14.225 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061666.D

Acq: 8 Apr 2019 22:45

Instrument :

MSVOA_D

ClientSampleId :

TP-1-D2

Tot Ion: 84 Resp: 76954

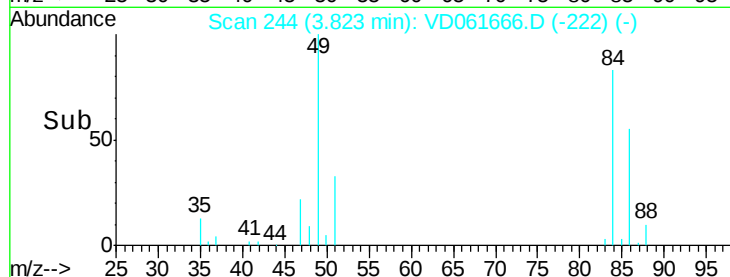
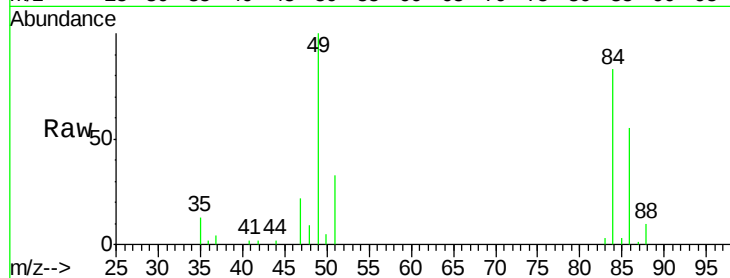
Ion Ratio Lower Upper

84 100

49 120.0 93.0 139.4

51 39.5 30.4 45.6

86 65.9 51.0 76.4

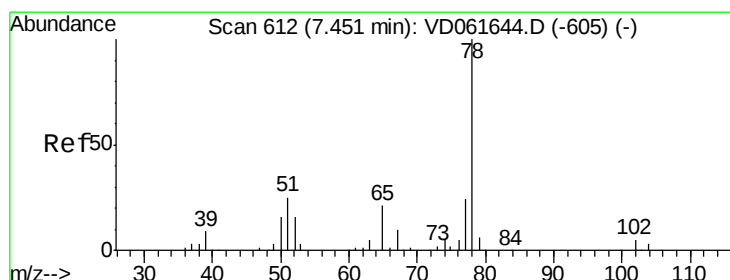
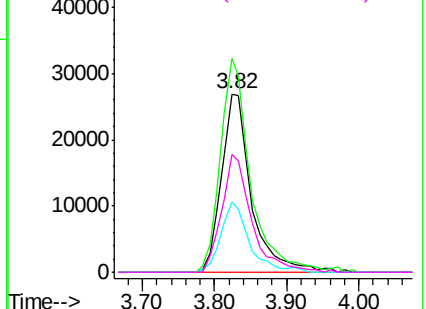


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061666.D

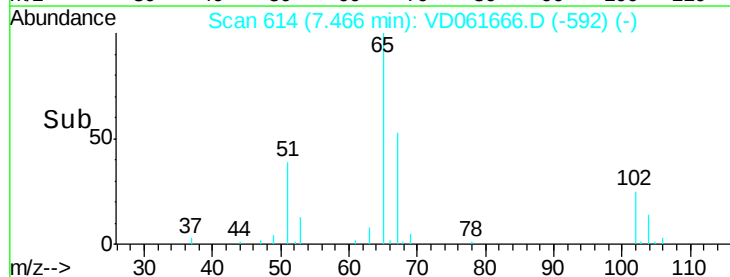
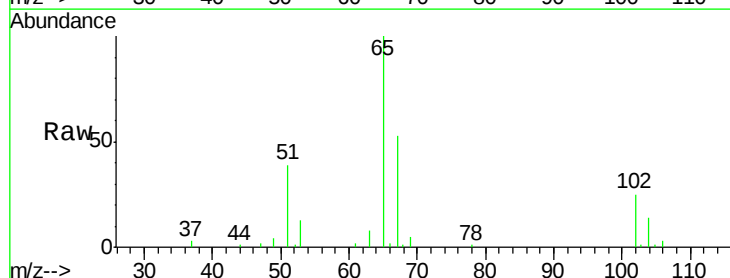
Acq: 8 Apr 2019 22:45

Tgt Ion: 65 Resp: 142203

Ion Ratio Lower Upper

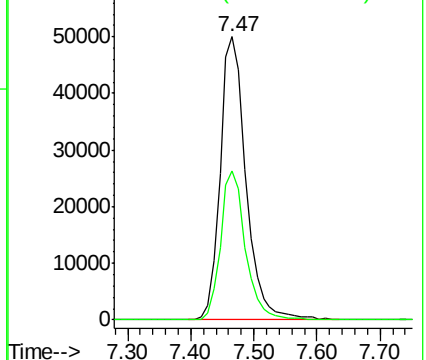
65 100

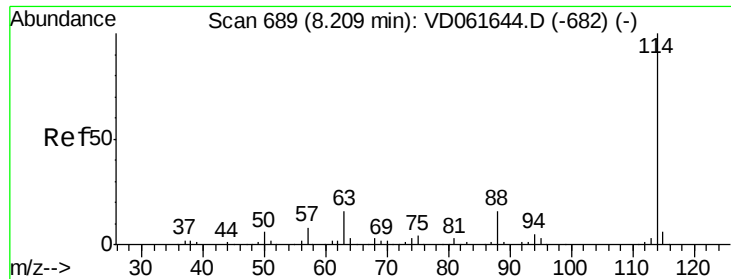
67 52.8 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

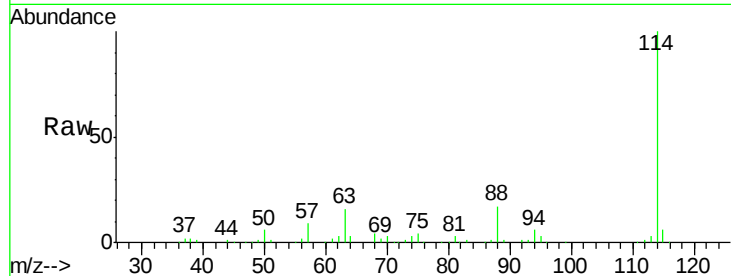




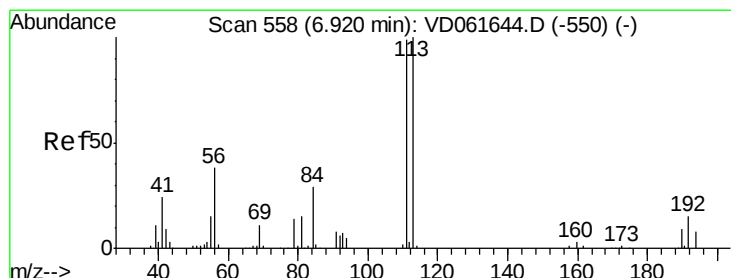
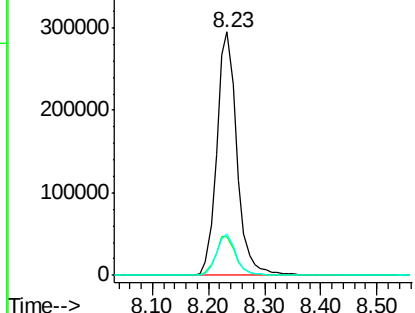
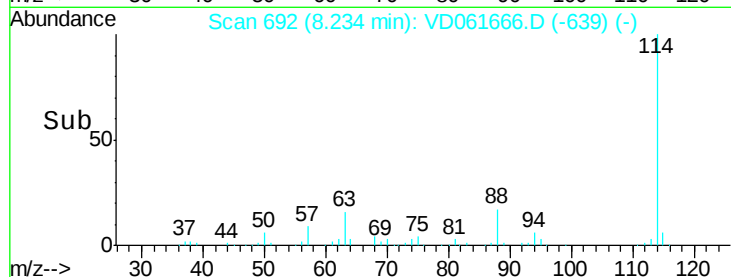
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061666.D
 Acq: 8 Apr 2019 22:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-D2

Tot Ion:114 Resp: 741405
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 17.2 0.0 31.8

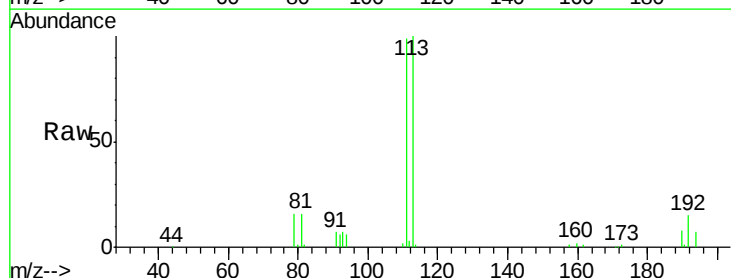


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

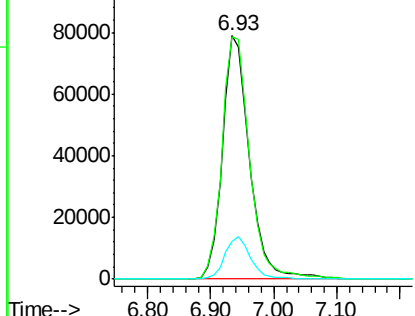
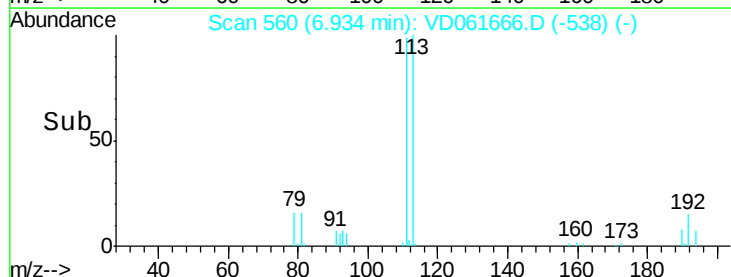


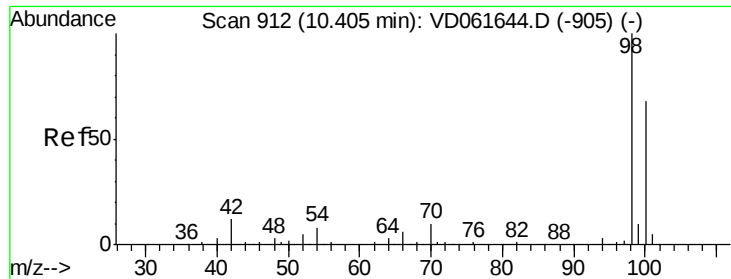
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061666.D
 Acq: 8 Apr 2019 22:45

Tgt Ion:113 Resp: 233947
 Ion Ratio Lower Upper
 113 100
 111 99.4 79.3 118.9
 192 15.4 12.3 18.5



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

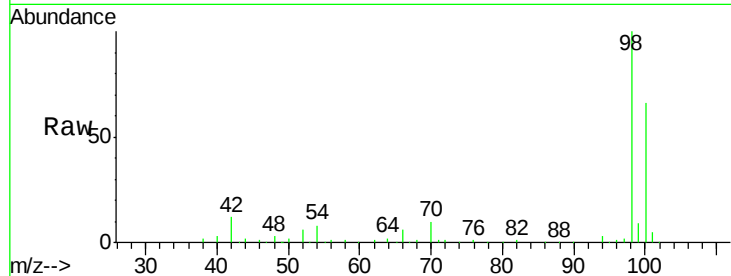




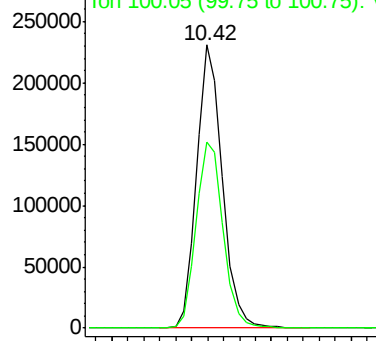
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061666.D
Acq: 8 Apr 2019 22:45

Instrument :
MSVOA_D
ClientSampled :
TP-1-D2

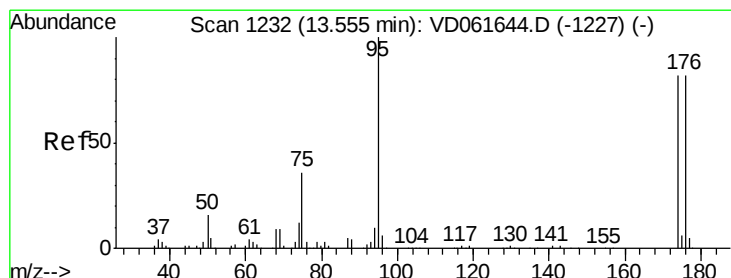
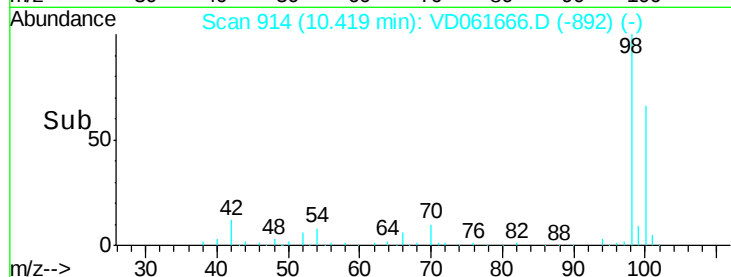
Tot Ion: 98 Resp: 523940
Ion Ratio Lower Upper
98 100
100 65.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

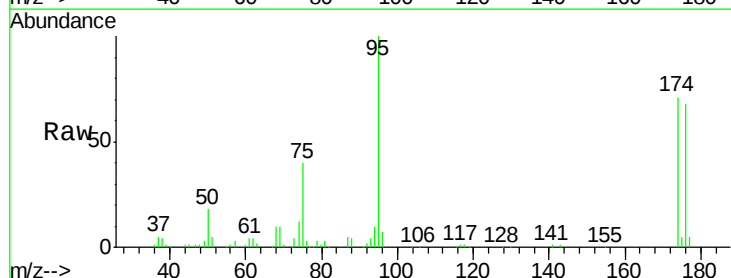


Time-->

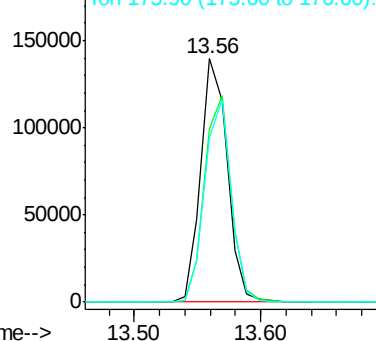


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061666.D
Acq: 8 Apr 2019 22:45

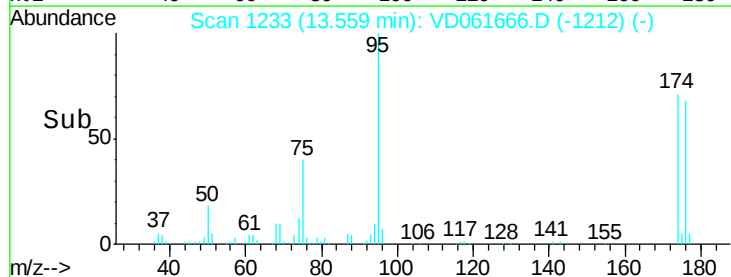
Tgt Ion: 95 Resp: 202614
Ion Ratio Lower Upper
95 100
174 71.4 0.0 164.6
176 67.6 0.0 165.0

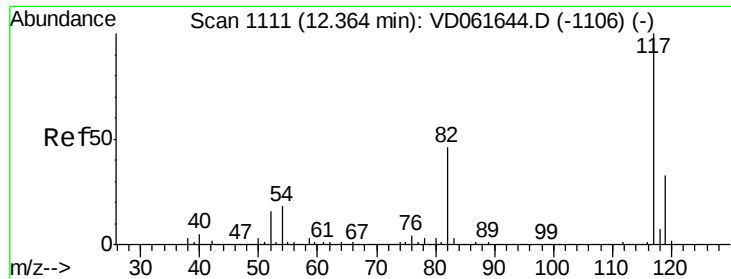


Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD061666.D

Acq: 8 Apr 2019 22:45

Instrument :

MSVOA_D

ClientSampled :

TP-1-D2

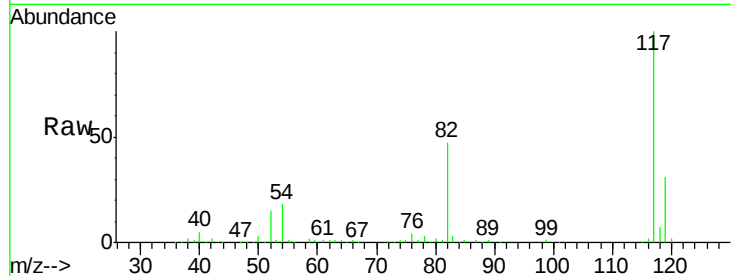
Tot Ion:117 Resp: 604859

Ion Ratio Lower Upper

117 100

82 46.6 36.8 55.2

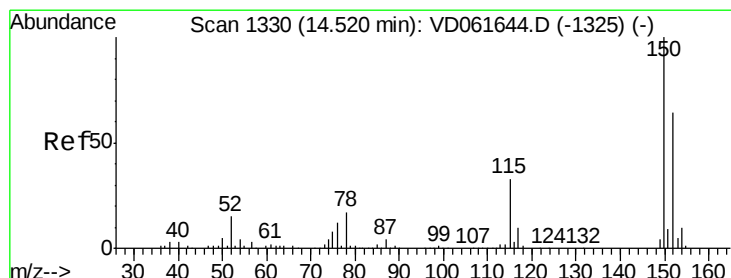
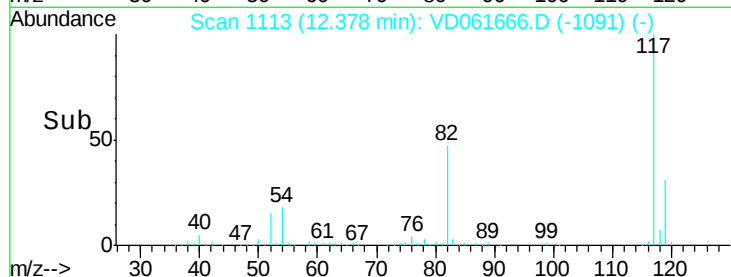
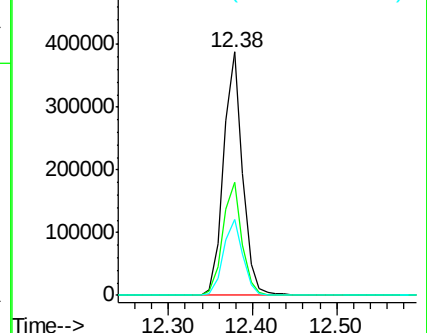
119 31.3 26.1 39.1



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. 0.00 min

Lab File: VD061666.D

Acq: 8 Apr 2019 22:45

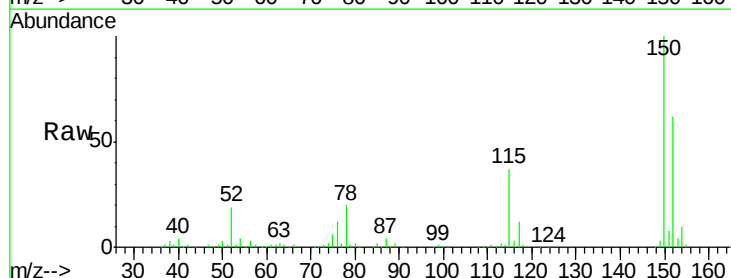
Tgt Ion:152 Resp: 277387

Ion Ratio Lower Upper

152 100

115 59.2 26.4 79.2

150 160.3 0.0 320.6



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

