

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061663.D
 Acq On : 8 Apr 2019 21:16
 Operator : VA/AP
 Sample : K2317-14
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Quant Time: Apr 09 02:37:19 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

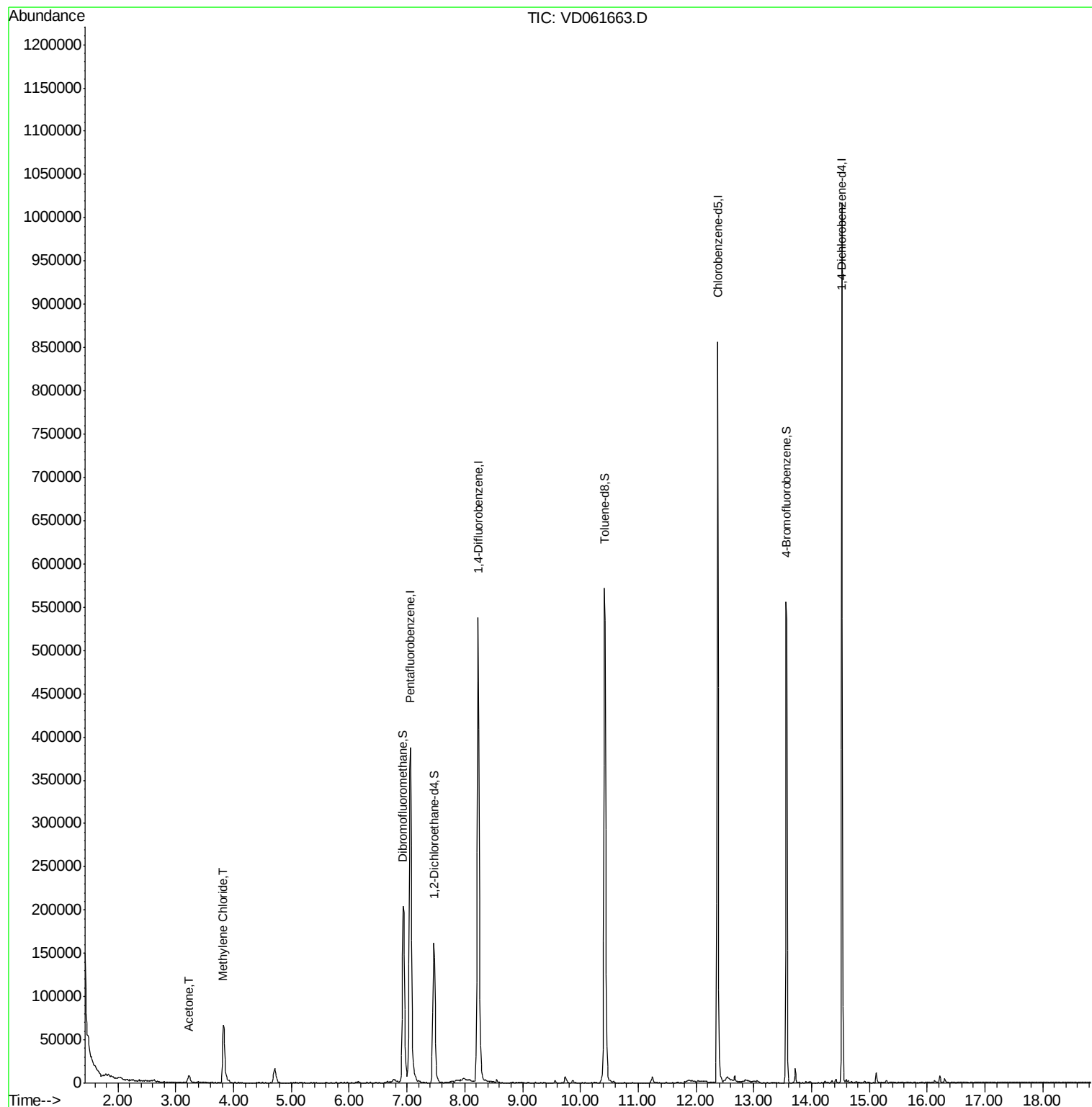
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	393830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	645217	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	527588	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	218804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	166664	55.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.66%	
35) Dibromofluoromethane	6.93	113	191032	42.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.48%	
50) Toluene-d8	10.42	98	504493	44.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	13.56	95	187648	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
16) Acetone	3.22	43	16938	18.981	ug/l	96
20) Methylene Chloride	3.82	84	50286	9.930	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

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MSVOA_D

ClientSampleId :

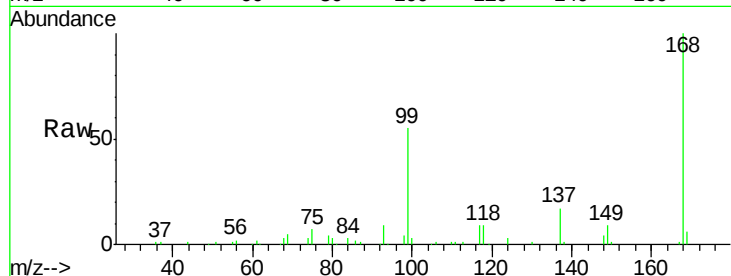
COMP-1

Tot Ion:168 Resp: 393830

Ion Ratio Lower Upper

168 100

99 55.3 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

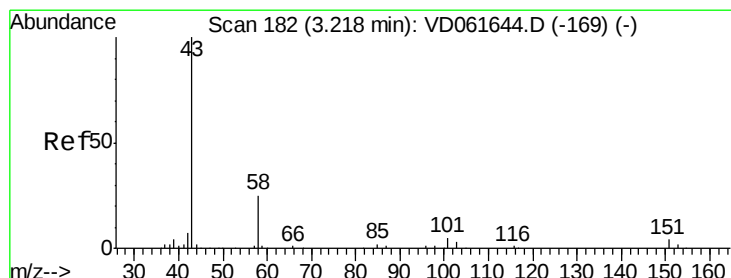
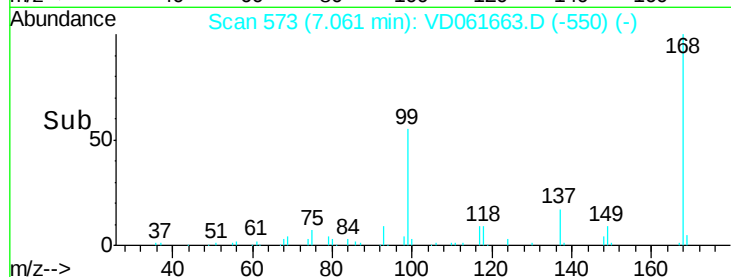
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 18.981 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061663.D

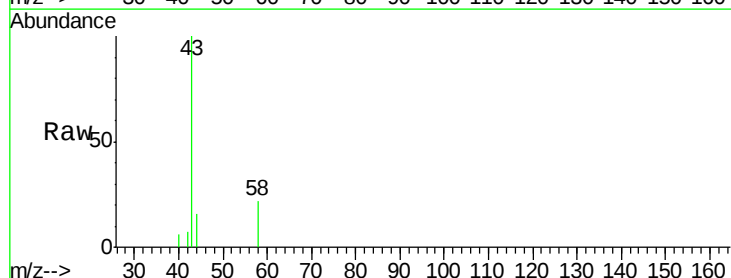
Acq: 8 Apr 2019 21:16

Tgt Ion: 43 Resp: 16938

Ion Ratio Lower Upper

43 100

58 22.5 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

6000

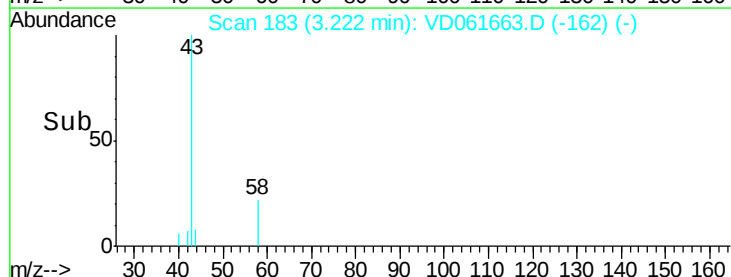
4000

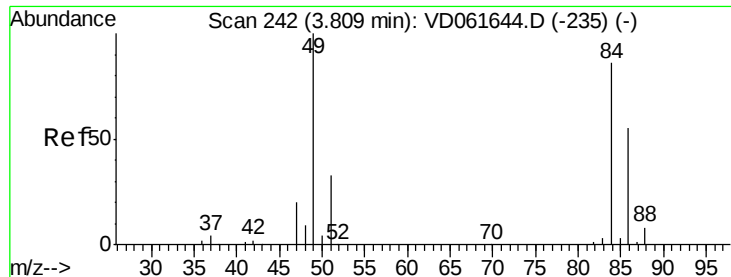
2000

0

Time-->

3.15 3.20 3.25 3.30

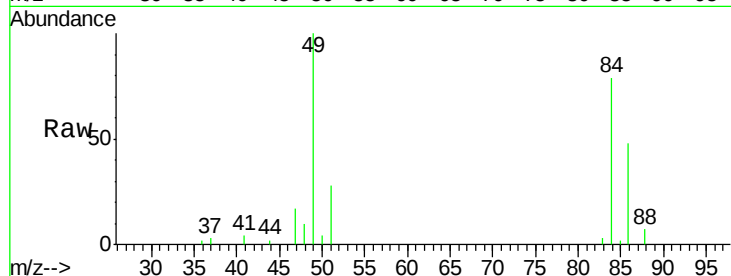




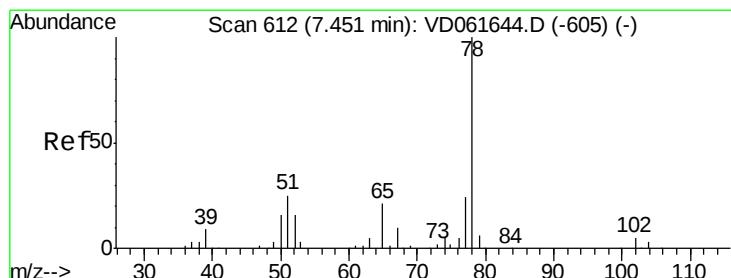
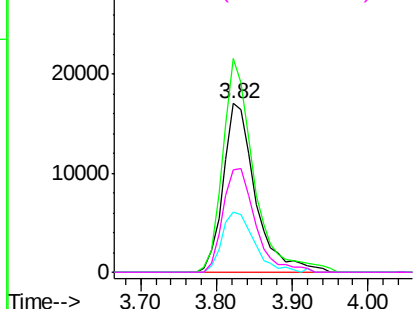
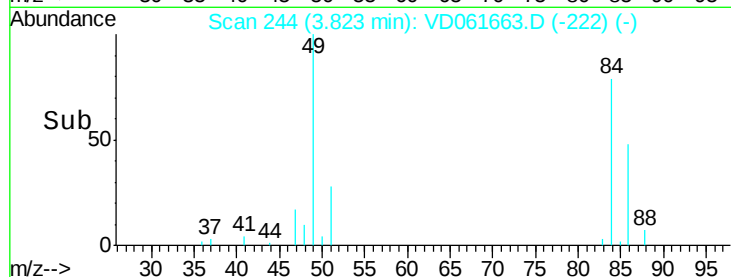
#20
Methylene Chloride
Concen: 9.930 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061663.D
Acq: 8 Apr 2019 21:16

Instrument :
MSVOA_D
ClientSampleId :
COMP-1

Tot Ion: 84 Resp: 50286
Ion Ratio Lower Upper
84 100
49 126.7 93.0 139.4
51 35.9 30.4 45.6
86 61.1 51.0 76.4

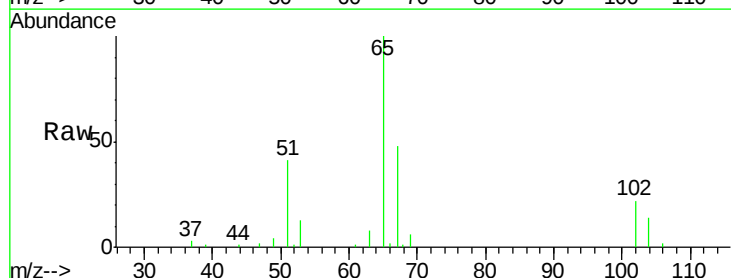


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

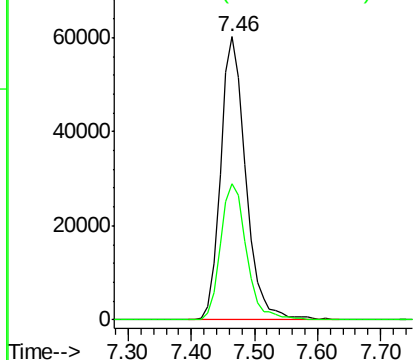
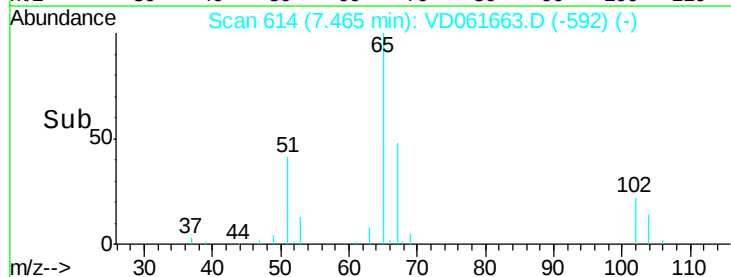


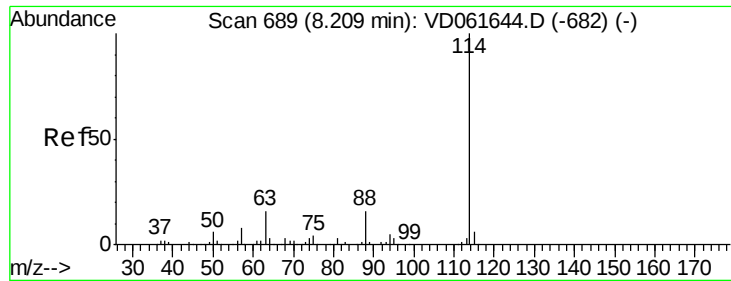
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD061663.D
Acq: 8 Apr 2019 21:16

Tgt Ion: 65 Resp: 166664
Ion Ratio Lower Upper
65 100
67 48.0 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: VD061663.D

Acq: 8 Apr 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

COMP-1

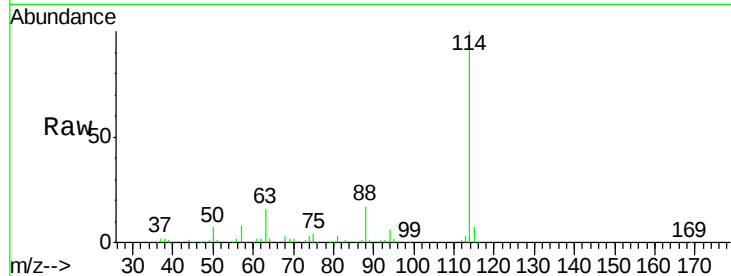
Tot Ion:114 Resp: 645217

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.2

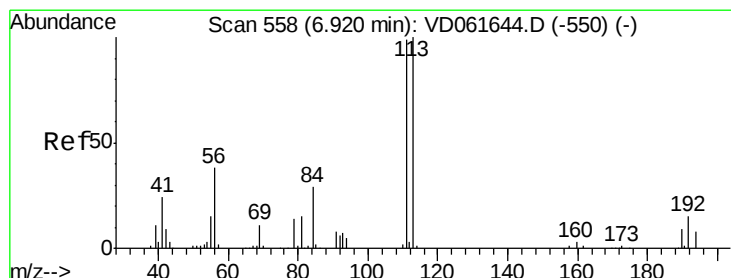
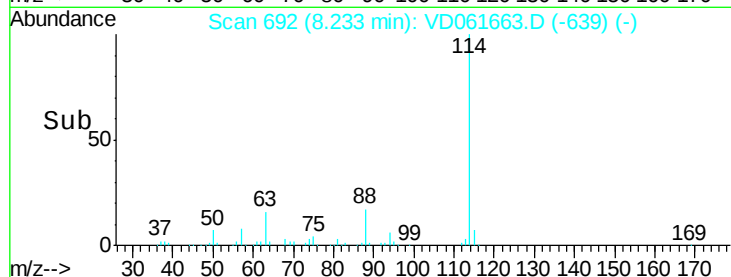
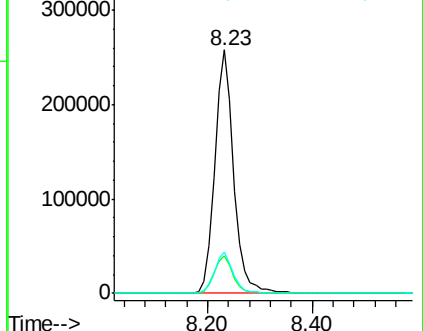
88 16.8 0.0 31.8



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: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061663.D

Acq: 8 Apr 2019 21:16

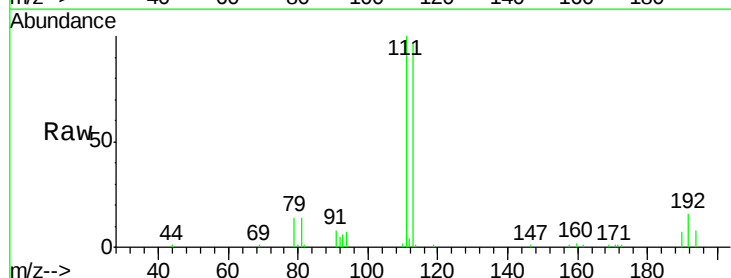
Tgt Ion:113 Resp: 191032

Ion Ratio Lower Upper

113 100

111 102.7 79.3 118.9

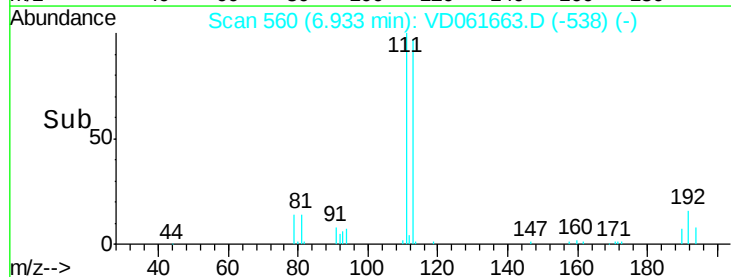
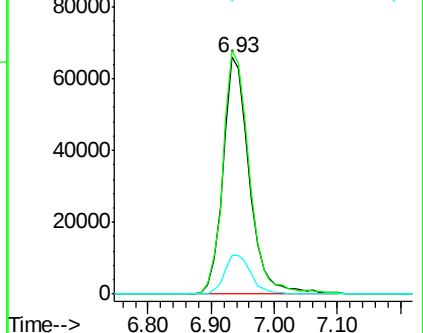
192 16.6 12.3 18.5

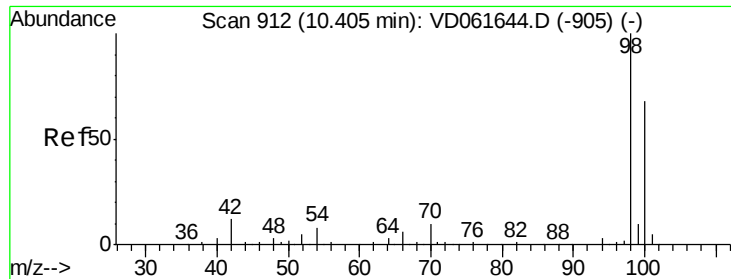


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD061663.D

Acq: 8 Apr 2019 21:16

Instrument :

MSVOA_D

ClientSampleId :

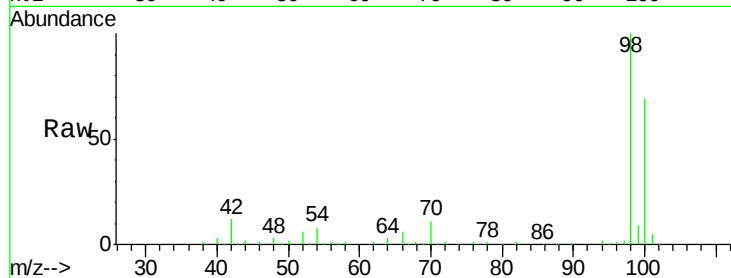
COMP-1

Tot Ion: 98 Resp: 504493

Ion Ratio Lower Upper

98 100

100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.42

250000

200000

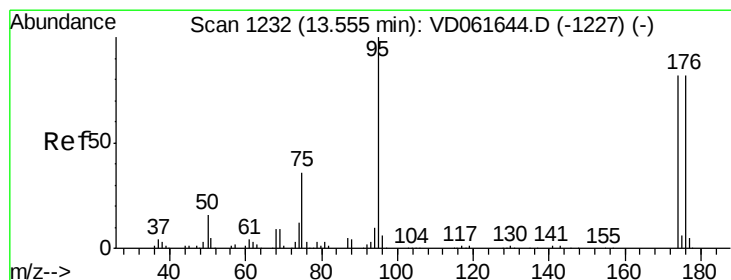
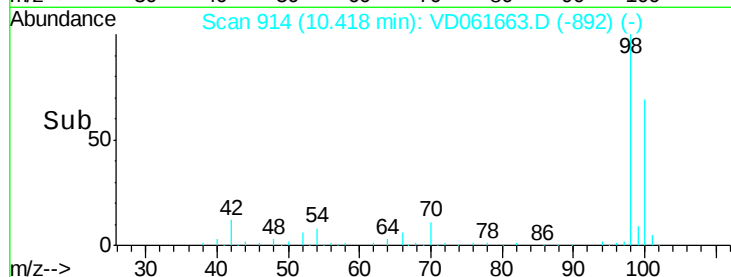
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061663.D

Acq: 8 Apr 2019 21:16

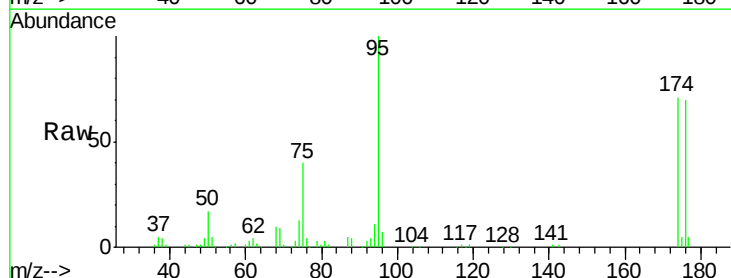
Tgt Ion: 95 Resp: 187648

Ion Ratio Lower Upper

95 100

174 71.0 0.0 164.6

176 69.8 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

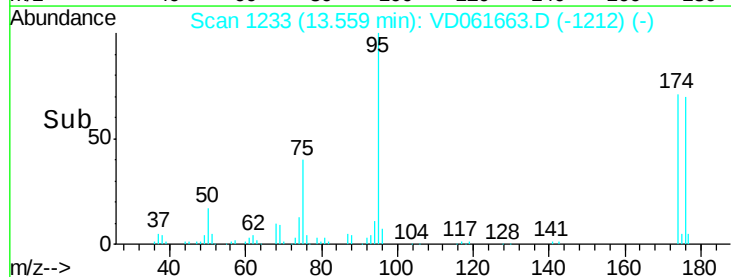
150000

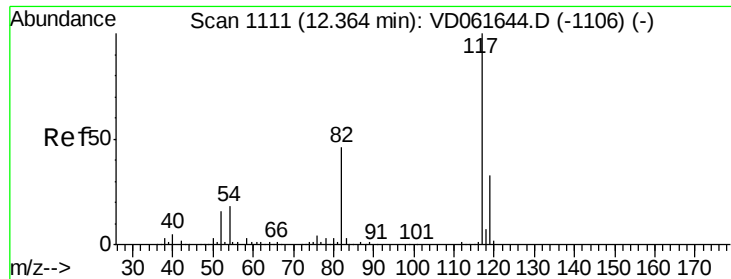
100000

50000

0

Time-->

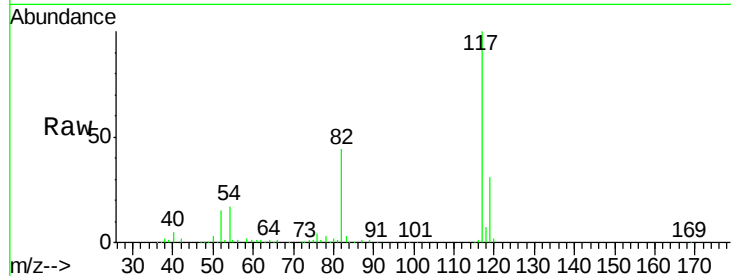




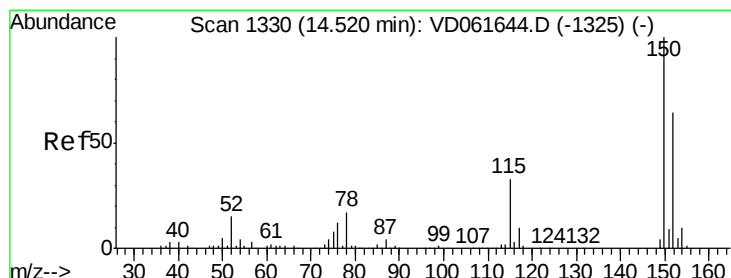
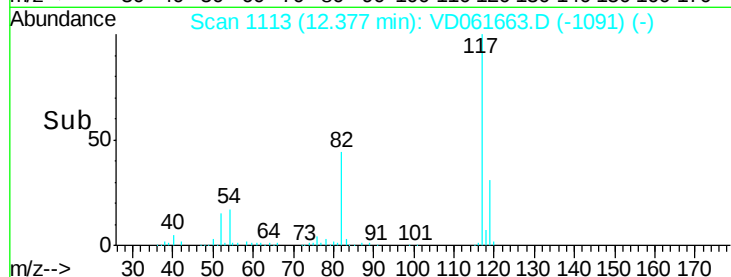
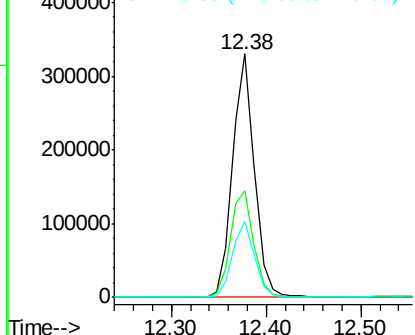
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD061663.D
Acq: 8 Apr 2019 21:16

Instrument :
MSVOA_D
ClientSampleId :
COMP-1

Tot Ion:117 Resp: 527588
Ion Ratio Lower Upper
117 100
82 43.9 36.8 55.2
119 31.4 26.1 39.1

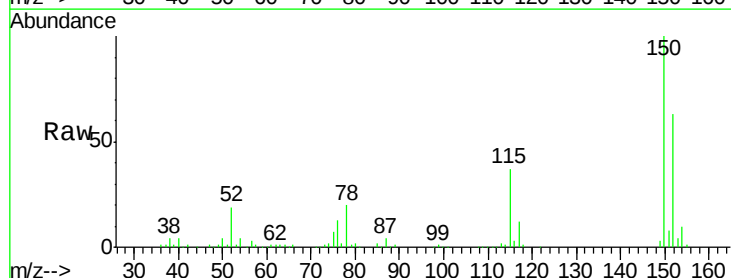


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061663.D
Acq: 8 Apr 2019 21:16

Tgt Ion:152 Resp: 218804
Ion Ratio Lower Upper
152 100
115 59.9 26.4 79.2
150 159.8 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

