

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061750.D
 Acq On : 11 Apr 2019 19:29
 Operator : VA/AP
 Sample : K2347-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BC0602

Quant Time: Apr 12 02:39:33 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

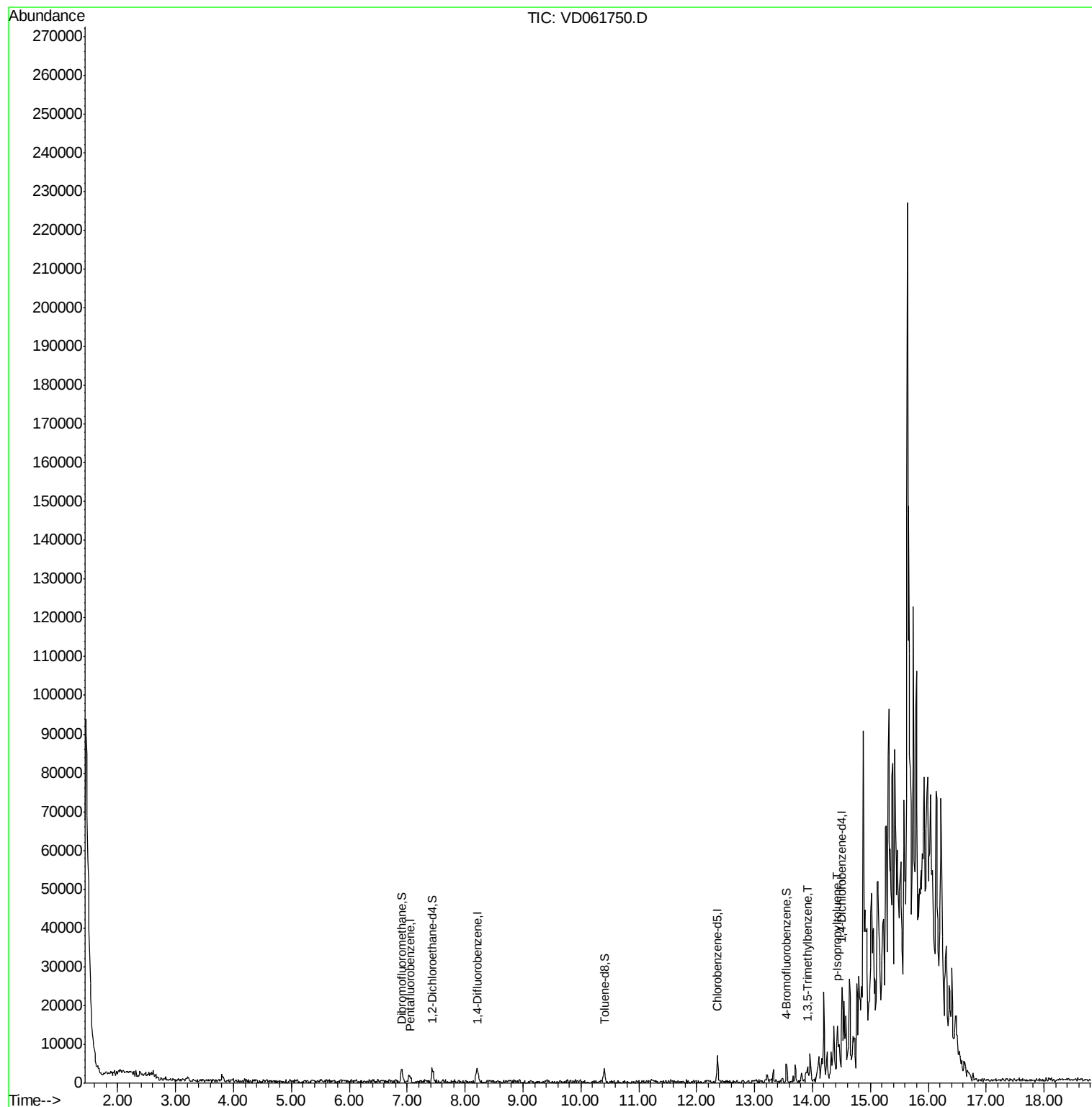
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	2641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	7235	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	5258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	2297	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	3935	196.57	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	393.14%	
35) Dibromofluoromethane	6.90	113	3376	67.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	134.72%	
50) Toluene-d8	10.40	98	3681	29.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.46%	
62) 4-Bromofluorobenzene	13.54	95	1932	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	13.93	105	949	7.812	ug/l	89
86) p-Isopropyltoluene	14.43	119	2625	19.122	ug/l	91

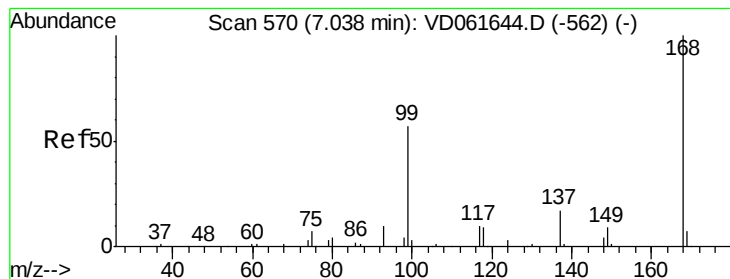
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061750.D

Acq: 11 Apr 2019 19:29

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MSVOA_D

ClientSampleId :

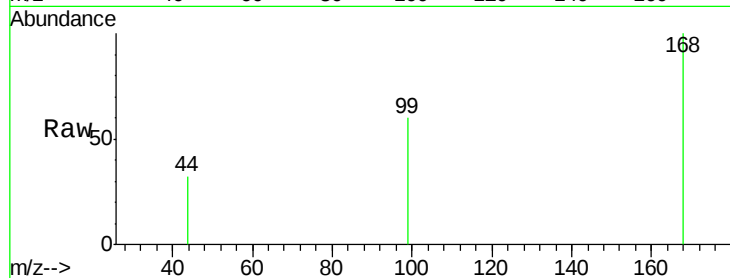
BC0602

Tot Ion:168 Resp: 2641

Ion Ratio Lower Upper

168 100

99 59.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

1200

1000

800

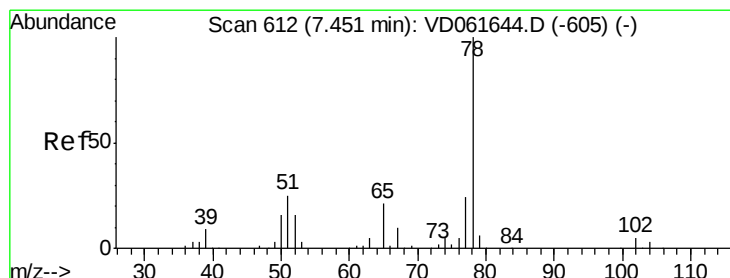
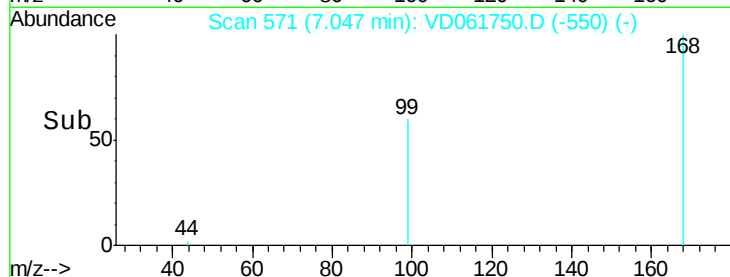
600

400

200

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061750.D

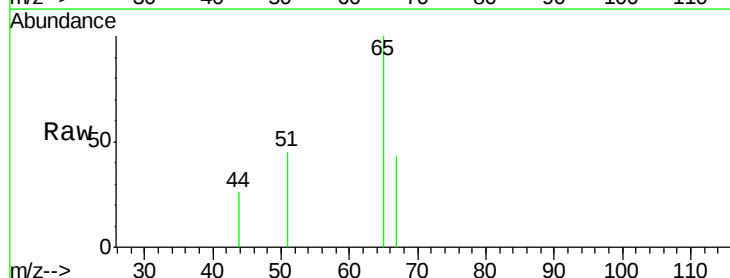
Acq: 11 Apr 2019 19:29

Tgt Ion: 65 Resp: 3935

Ion Ratio Lower Upper

65 100

67 42.5 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

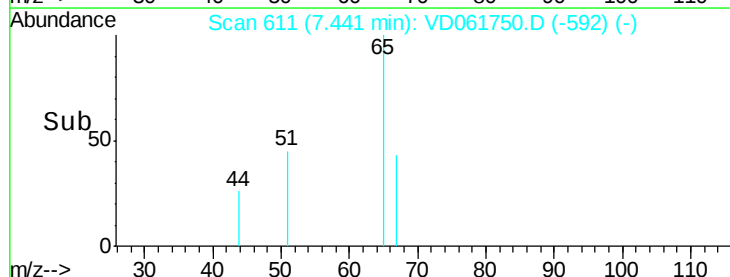
1500

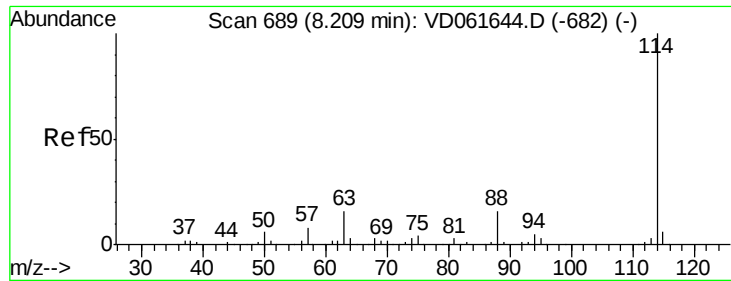
1000

500

0

Time-->

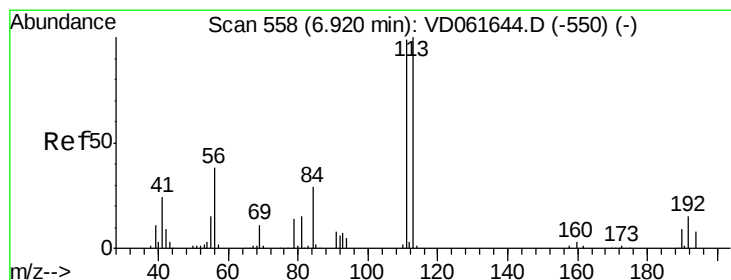
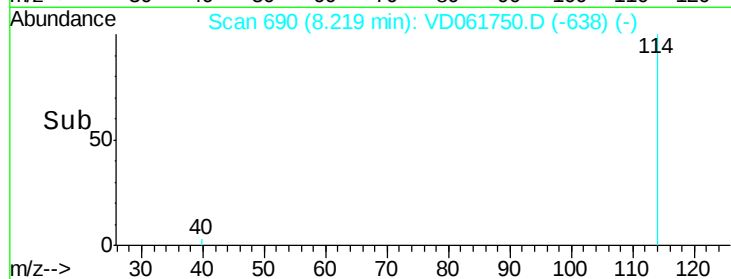
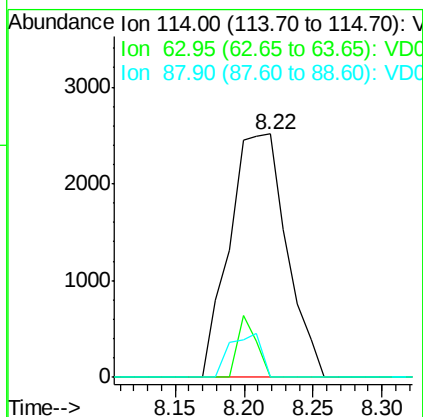
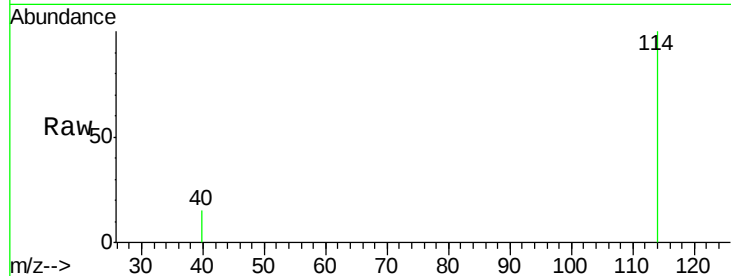




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061750.D
 Acq: 11 Apr 2019 19:29

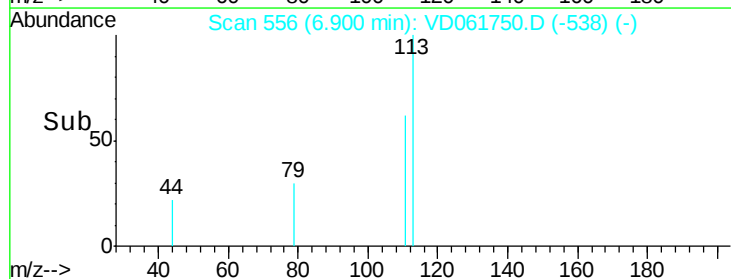
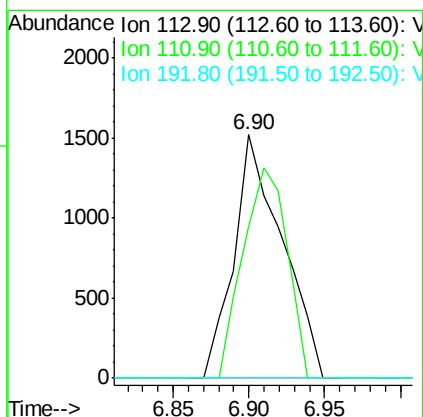
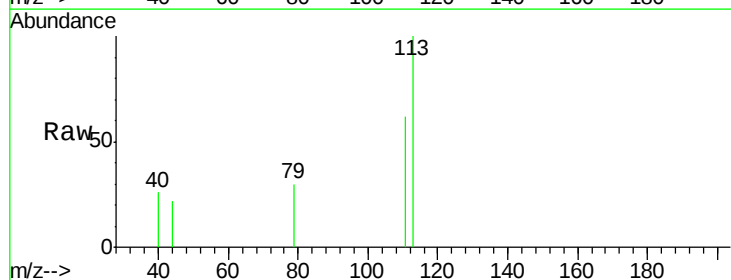
Instrument :
 MSVOA_D
 ClientSampleId :
 BC0602

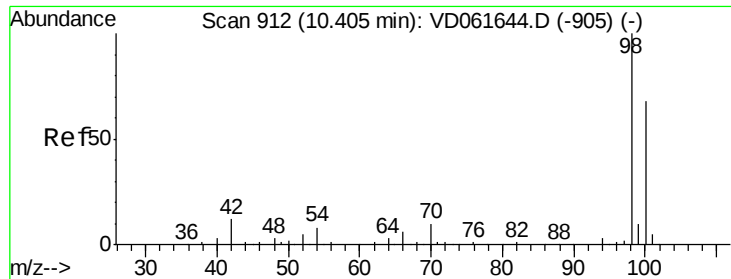
Tot Ion:114 Resp: 7235
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 31.2
 88 0.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD061750.D
 Acq: 11 Apr 2019 19:29

Tgt Ion:113 Resp: 3376
 Ion Ratio Lower Upper
 113 100
 111 62.4 79.3 118.9#
 192 0.0 12.3 18.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061750.D

Acq: 11 Apr 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

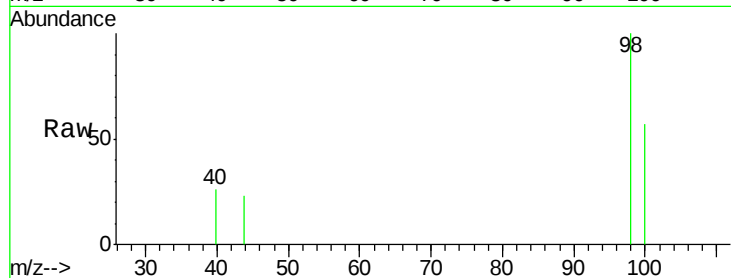
BC0602

Tot Ion: 98 Resp: 3681

Ion Ratio Lower Upper

98 100

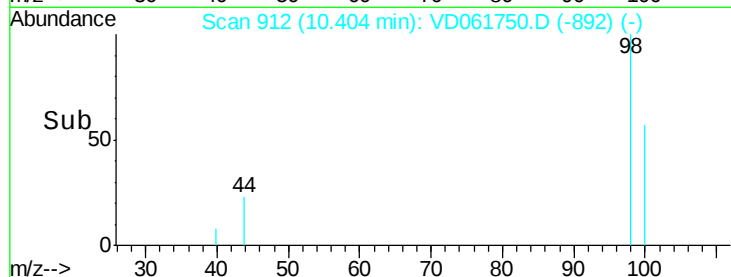
100 57.4 55.4 83.0



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

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

10.40



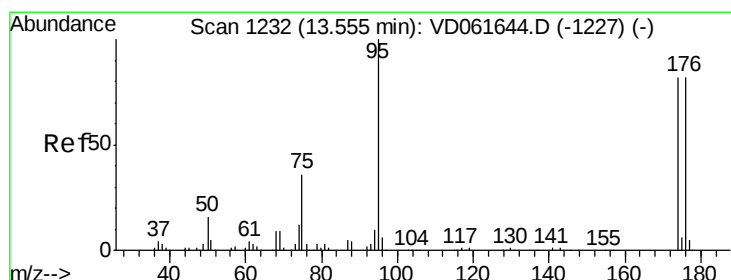
Abundance

Ion 98.05 (97.75 to 98.75): VD061750.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD061750.D (-892) (-)

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061750.D

Acq: 11 Apr 2019 19:29

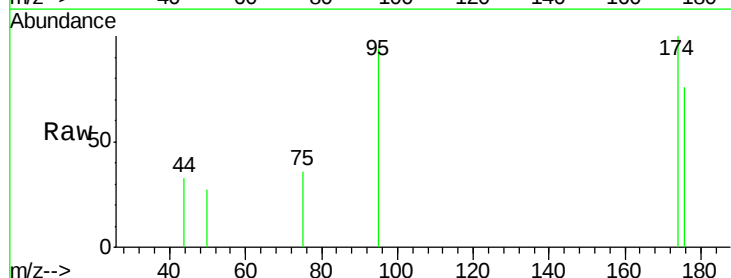
Tgt Ion: 95 Resp: 1932

Ion Ratio Lower Upper

95 100

174 105.8 0.0 164.6

176 80.2 0.0 165.0

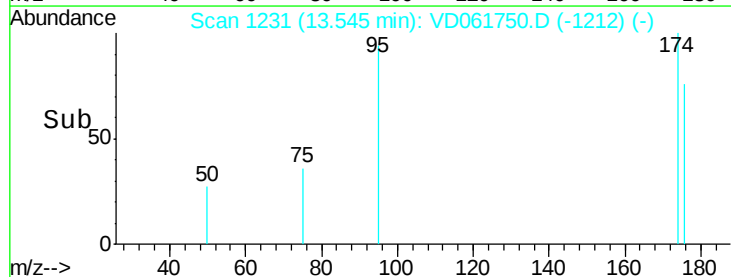


Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

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

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

13.54



Abundance

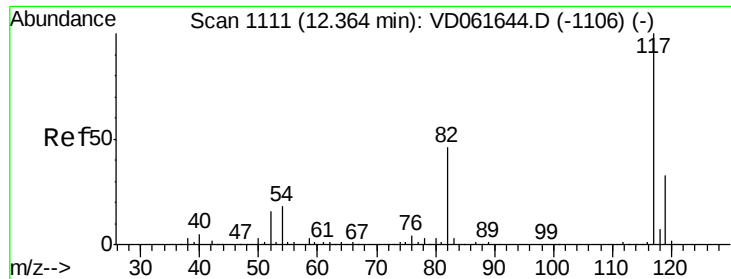
Ion 95.00 (94.70 to 95.70): VD061750.D (-1212) (-)

Ion 173.90 (173.60 to 174.60): VD061750.D (-1212) (-)

Ion 175.90 (175.60 to 176.60): VD061750.D (-1212) (-)

13.54

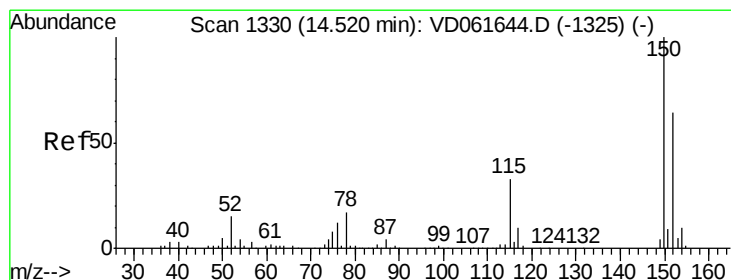
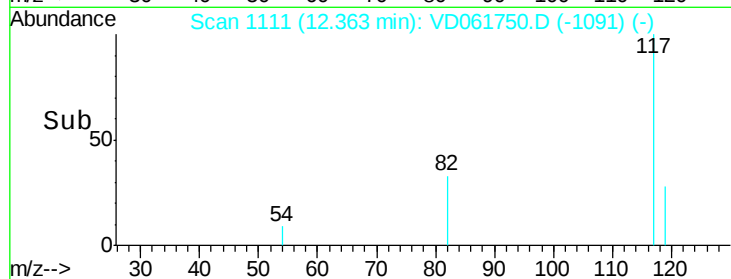
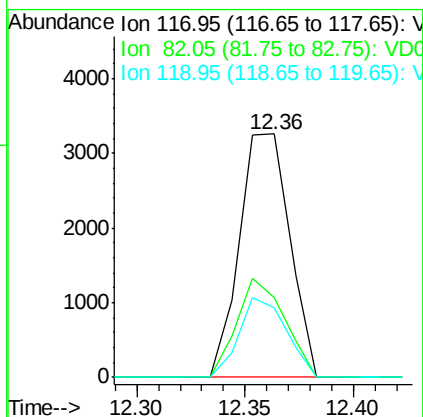
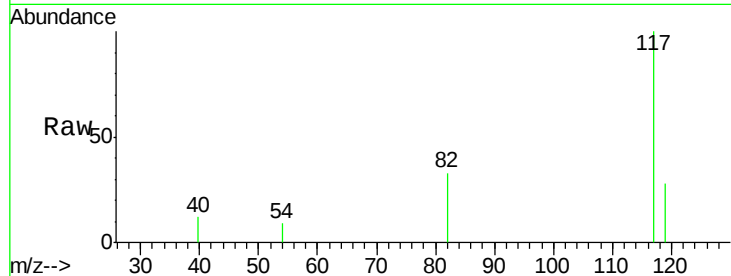
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061750.D
Acq: 11 Apr 2019 19:29

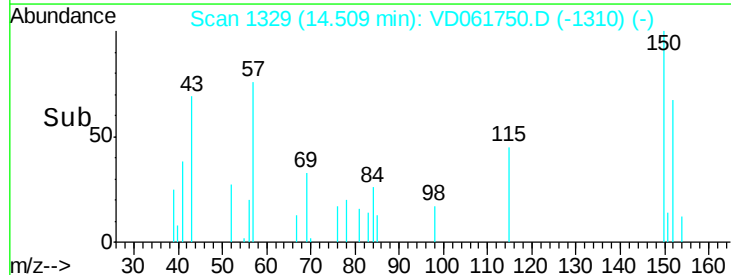
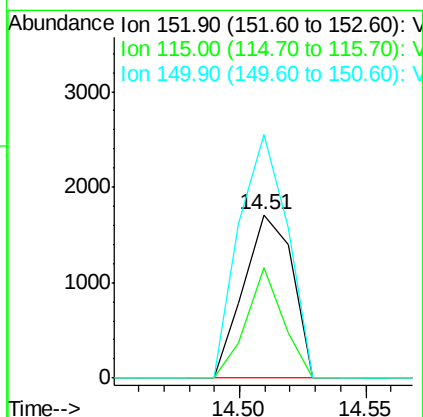
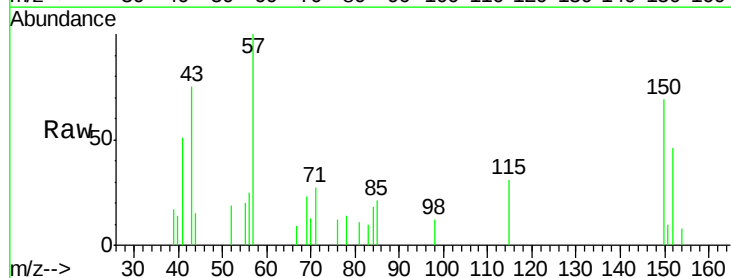
Instrument :
MSVOA_D
ClientSampleId :
BC0602

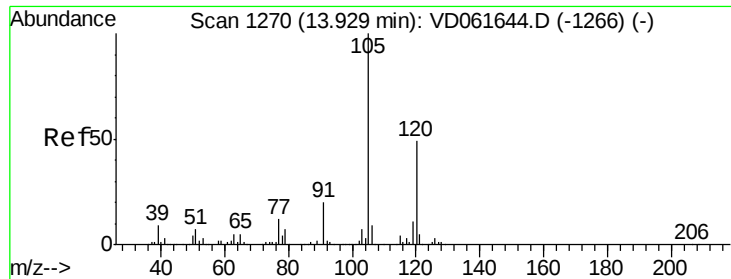
Tot Ion:117 Resp: 5258
Ion Ratio Lower Upper
117 100
82 32.8 36.8 55.2#
119 28.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061750.D
Acq: 11 Apr 2019 19:29

Tgt Ion:152 Resp: 2297
Ion Ratio Lower Upper
152 100
115 67.8 26.4 79.2
150 149.2 0.0 320.6





#80

1,3,5-Trimethylbenzene

Concen: 7.812 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD061750.D

Acq: 11 Apr 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

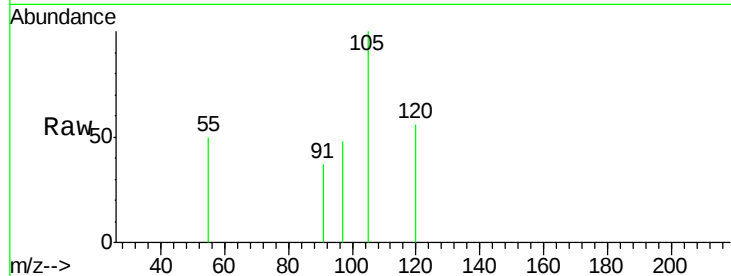
BC0602

Tot Ion:105 Resp: 949

Ion Ratio Lower Upper

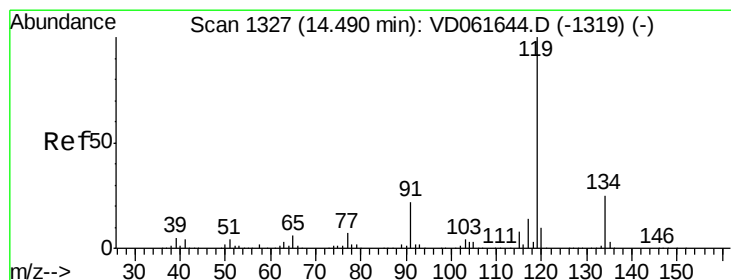
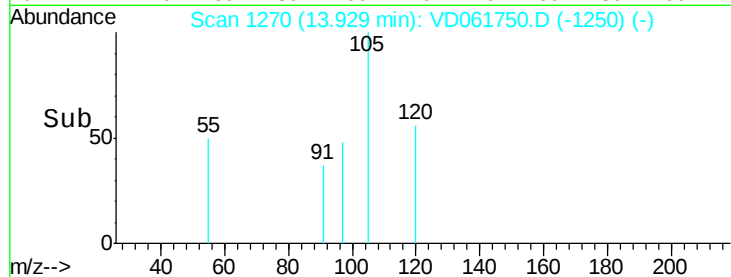
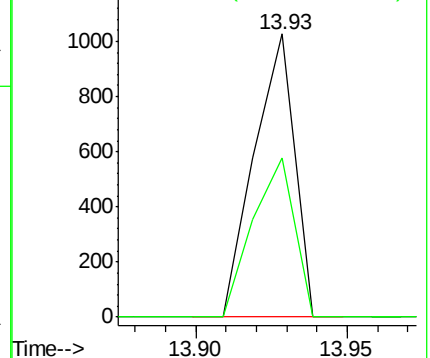
105 100

120 56.1 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#86

p-Isopropyltoluene

Concen: 19.122 ug/l

RT: 14.43 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VD061750.D

Acq: 11 Apr 2019 19:29

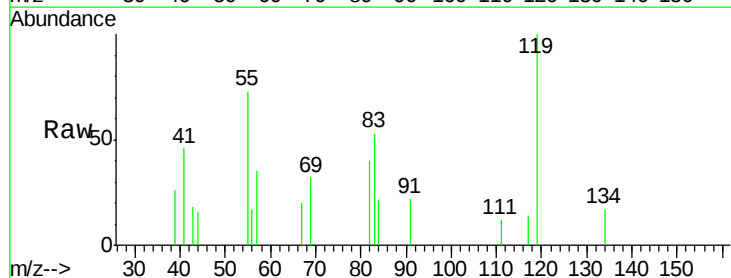
Tgt Ion:119 Resp: 2625

Ion Ratio Lower Upper

119 100

134 17.0 12.5 37.5

91 21.7 11.0 33.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

