

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061216.D
 Acq On : 20 Mar 2019 18:58
 Operator : VA/AP
 Sample : K2004-02
 Misc : 2.82g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-20(14-15)

Quant Time: Mar 22 03:15:41 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

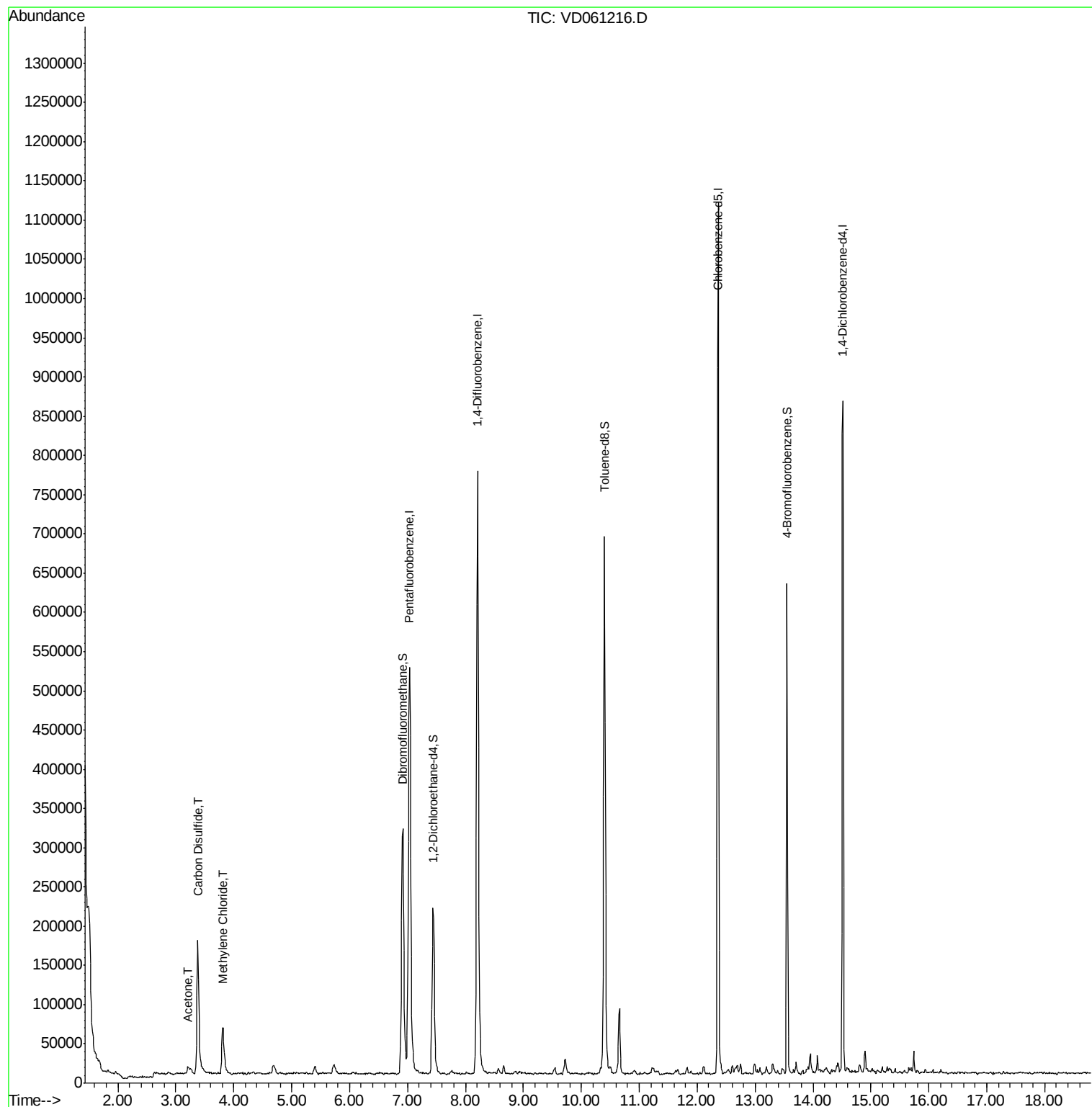
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	539265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	951556	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	696873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	225948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	206134	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
35) Dibromofluoromethane	6.92	113	312293	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
50) Toluene-d8	10.40	98	599157	33.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.58%	
62) 4-Bromofluorobenzene	13.55	95	199711	29.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.04%	
Target Compounds						
16) Acetone	3.21	43	19314	15.047	ug/l	96
17) Carbon Disulfide	3.38	76	350067	19.171	ug/l	98
20) Methylene Chloride	3.82	84	46138	3.551	ug/l	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061216.D
Acq On : 20 Mar 2019 18:58
Operator : VA/AP
Sample : K2004-02
Misc : 2.82g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-20(14-15)

Quant Time: Mar 22 03:15:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

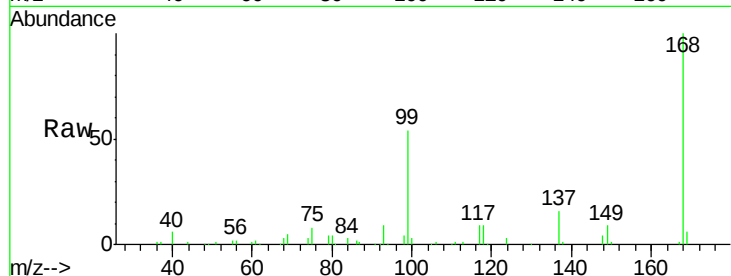
SB-20(14-15)

Tot Ion:168 Resp: 539265

Ion Ratio Lower Upper

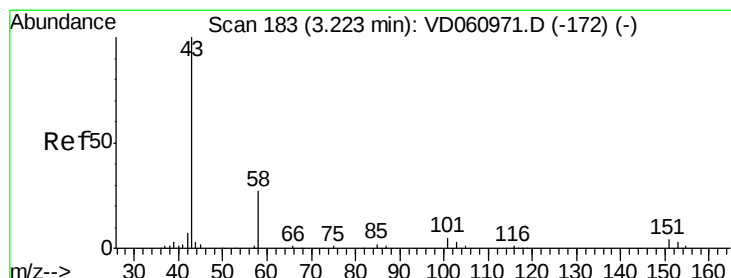
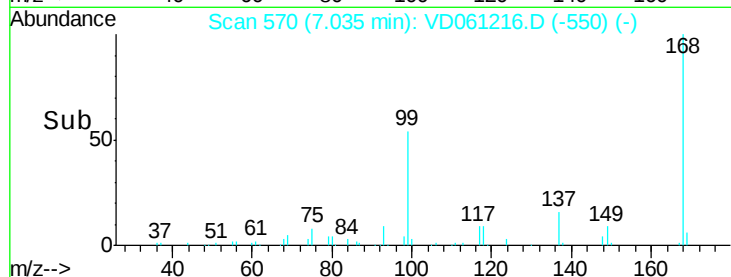
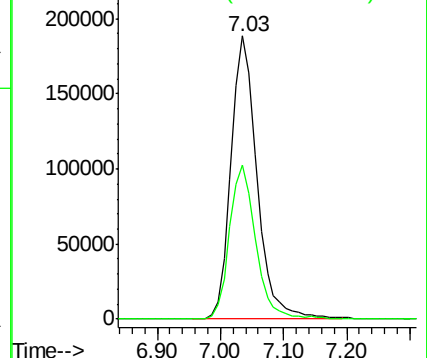
168 100

99 54.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 15.047 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061216.D

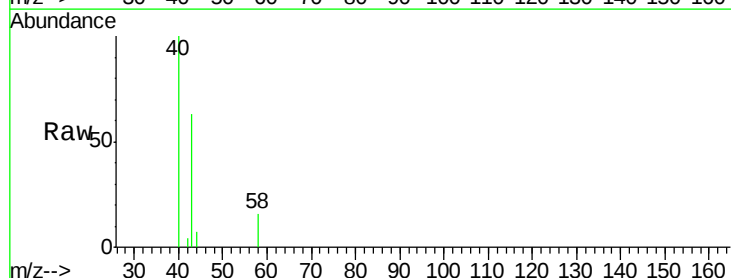
Acq: 20 Mar 2019 18:58

Tgt Ion: 43 Resp: 19314

Ion Ratio Lower Upper

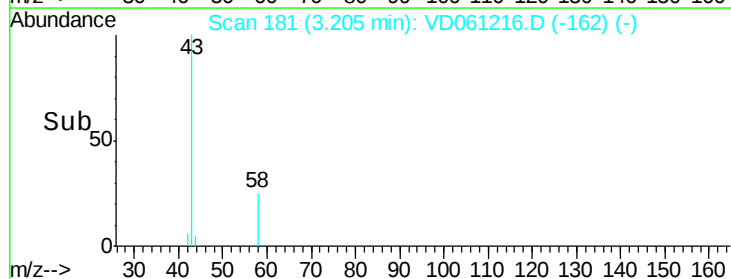
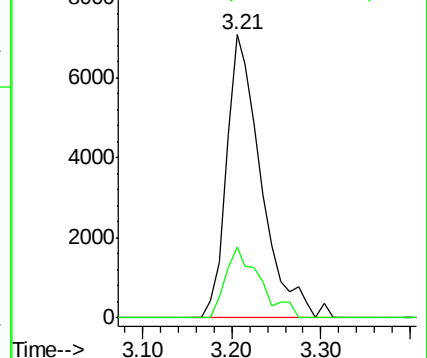
43 100

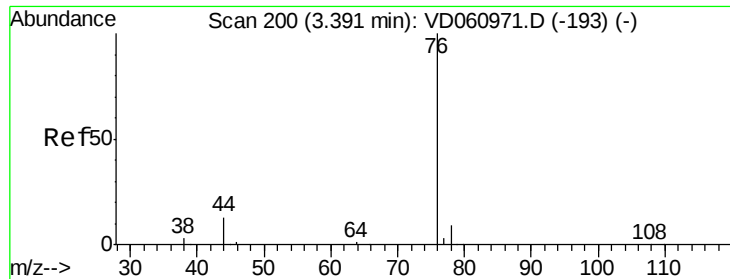
58 25.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 19.171 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

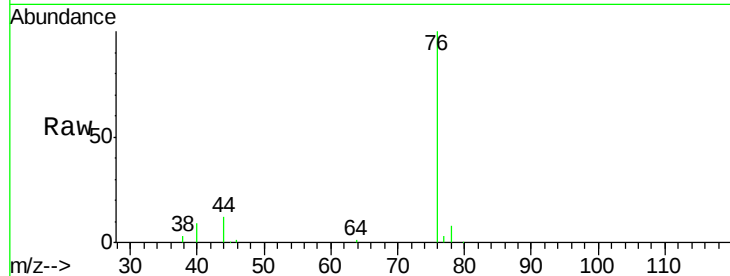
SB-20(14-15)

Tot Ion: 76 Resp: 350067

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.38

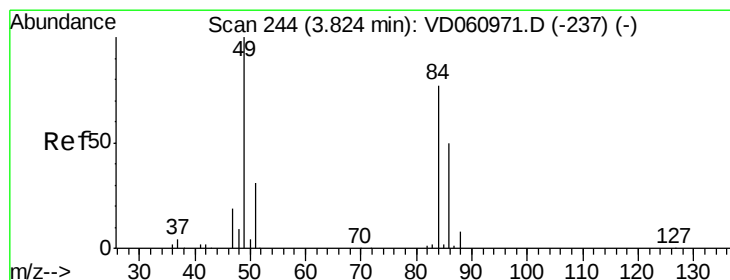
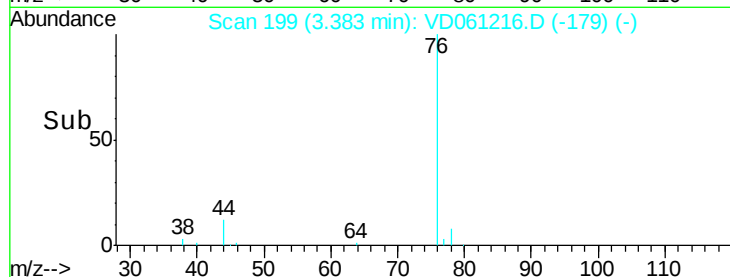
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.551 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Tgt Ion: 84 Resp: 46138

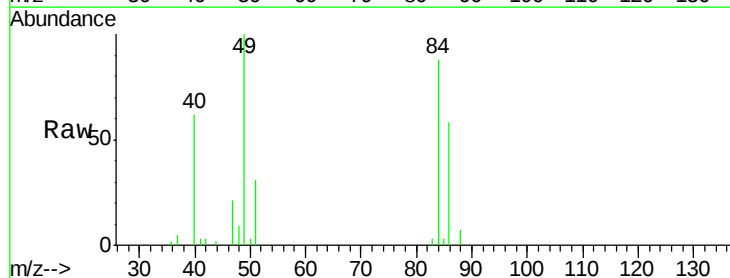
Ion Ratio Lower Upper

84 100

49 113.6 104.2 156.2

51 35.5 32.3 48.5

86 65.6 52.3 78.5



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

25000

20000

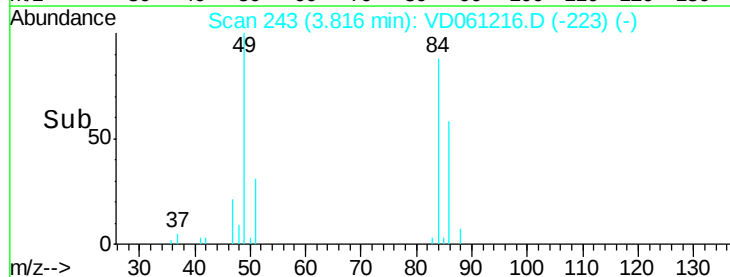
15000

10000

5000

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: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

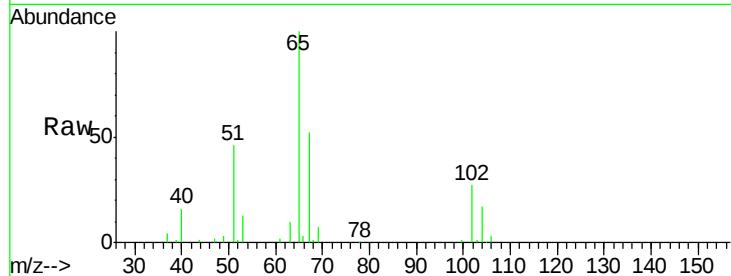
SB-20(14-15)

Tot Ion: 65 Resp: 206134

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

80000

60000

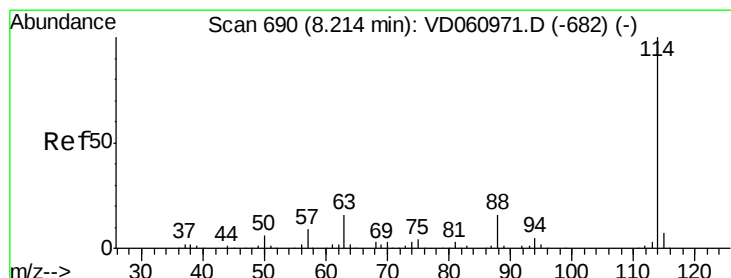
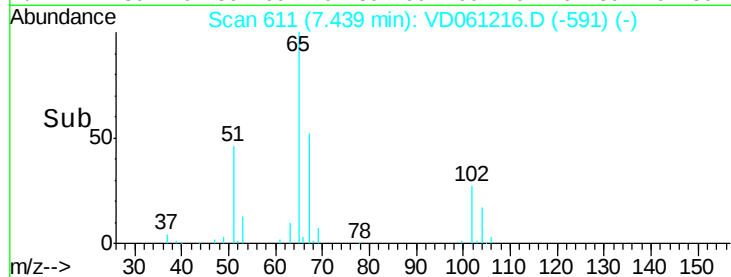
40000

20000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

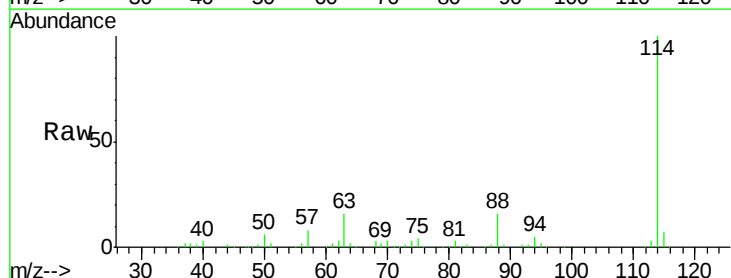
Tgt Ion: 114 Resp: 951556

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

88 16.4 0.0 33.0



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

500000

400000

300000

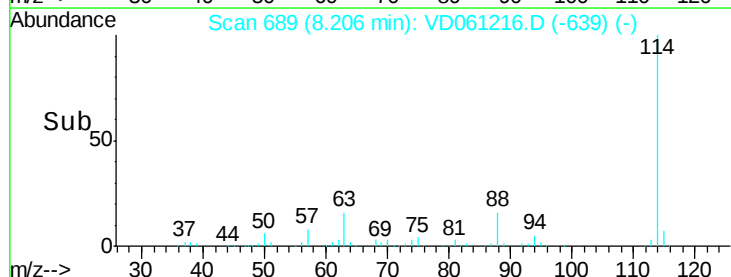
200000

100000

0

Time-->

8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

SB-20(14-15)

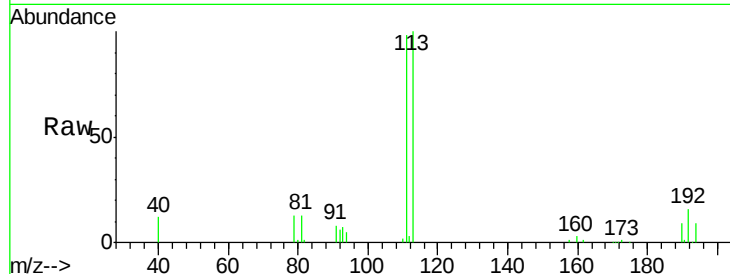
Tot Ion:113 Resp: 312293

Ion Ratio Lower Upper

113 100

111 97.8 84.2 126.4

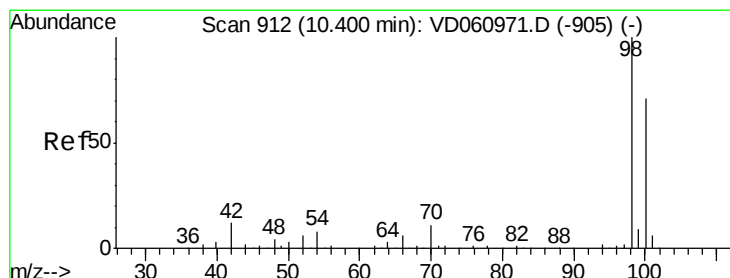
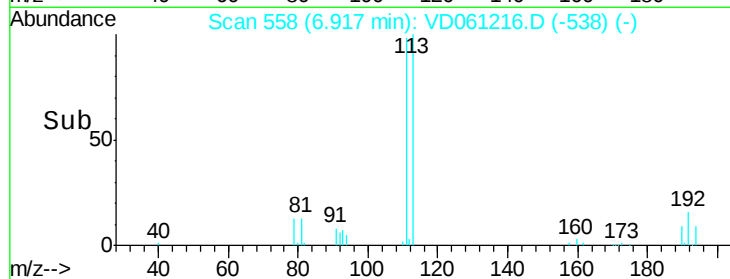
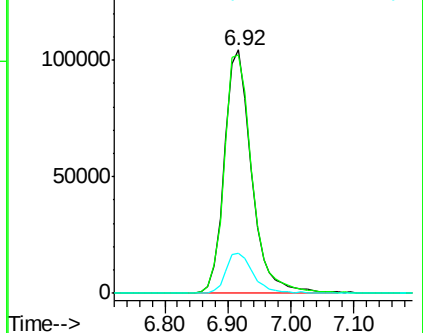
192 16.2 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061216.D

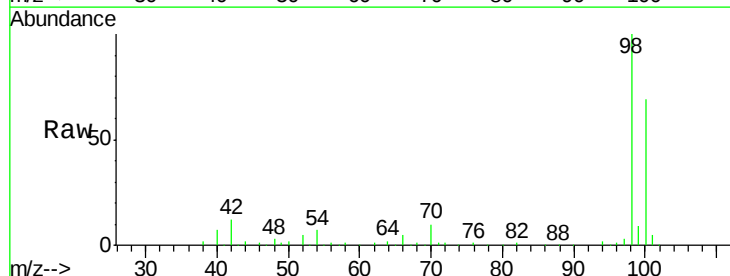
Acq: 20 Mar 2019 18:58

Tgt Ion: 98 Resp: 599157

Ion Ratio Lower Upper

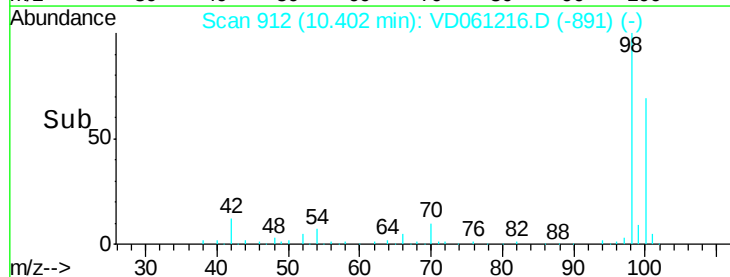
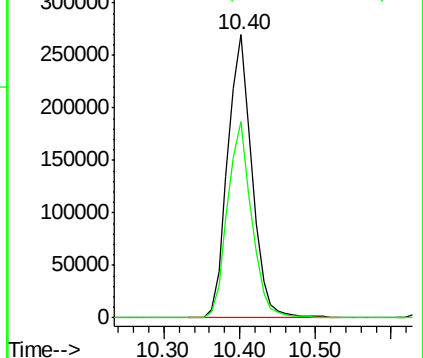
98 100

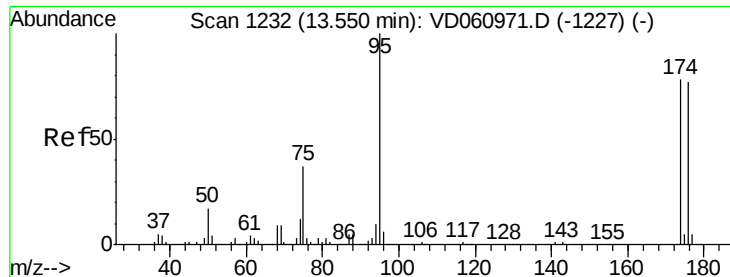
100 69.3 57.4 86.2



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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

SB-20(14-15)

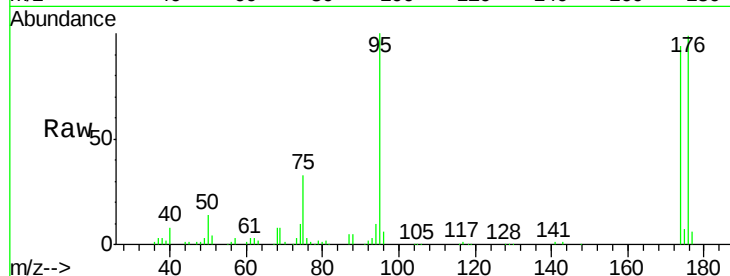
Tot Ion: 95 Resp: 199711

Ion Ratio Lower Upper

95 100

174 93.6 0.0 155.6

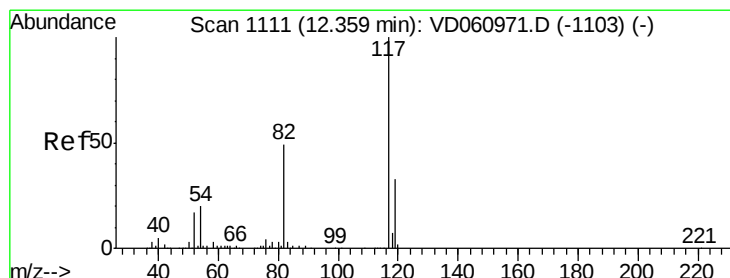
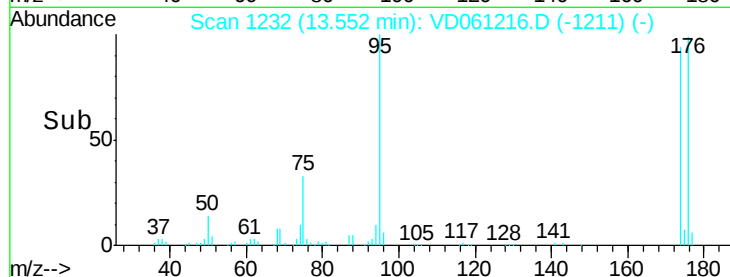
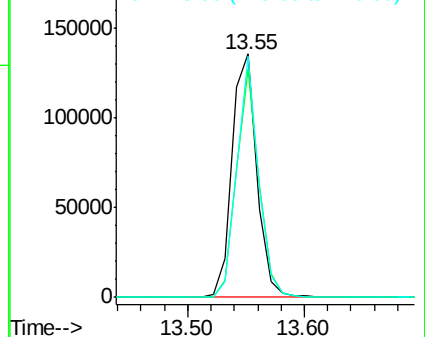
176 98.8 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

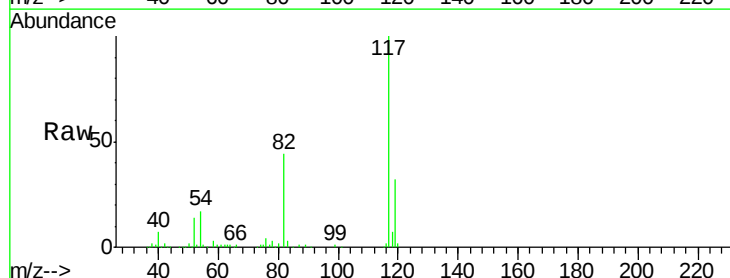
Tgt Ion: 117 Resp: 696873

Ion Ratio Lower Upper

117 100

82 44.4 38.9 58.3

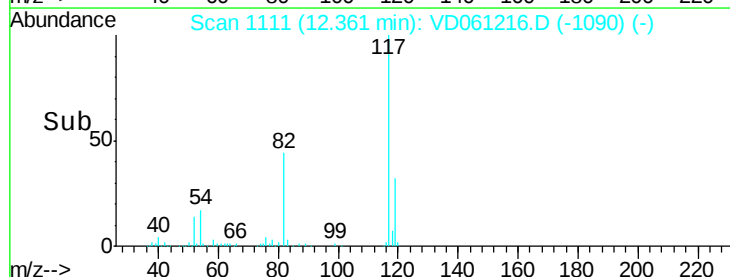
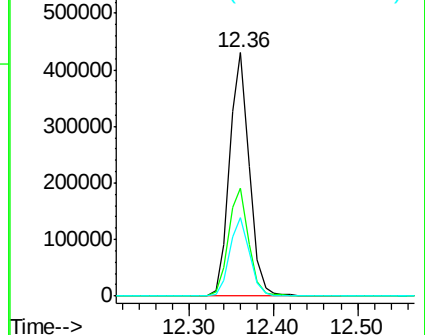
119 32.4 26.6 39.8

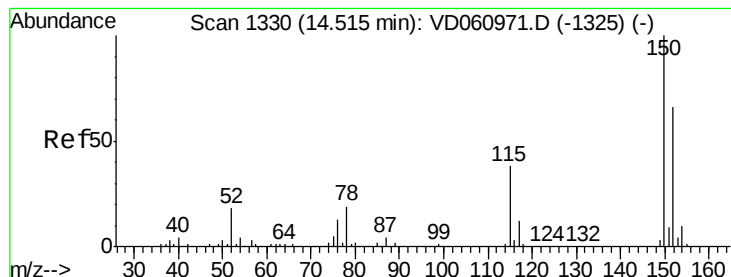


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061216.D

Acq: 20 Mar 2019 18:58

Instrument :

MSVOA_D

ClientSampleId :

SB-20(14-15)

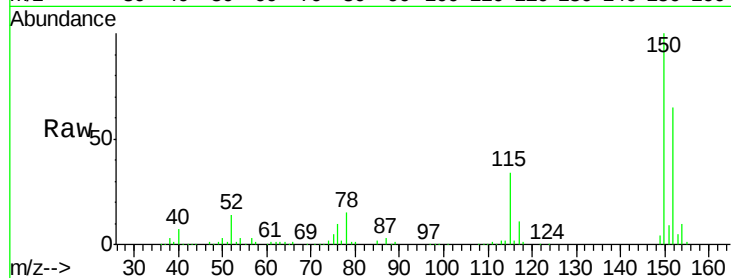
Tot Ion:152 Resp: 225948

Ion Ratio Lower Upper

152 100

115 52.5 28.6 85.9

150 154.2 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

