

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061214.D
 Acq On : 20 Mar 2019 18:03
 Operator : VA/AP
 Sample : K1984-06
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13(13.5-14.5)

Quant Time: Mar 22 03:10:38 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

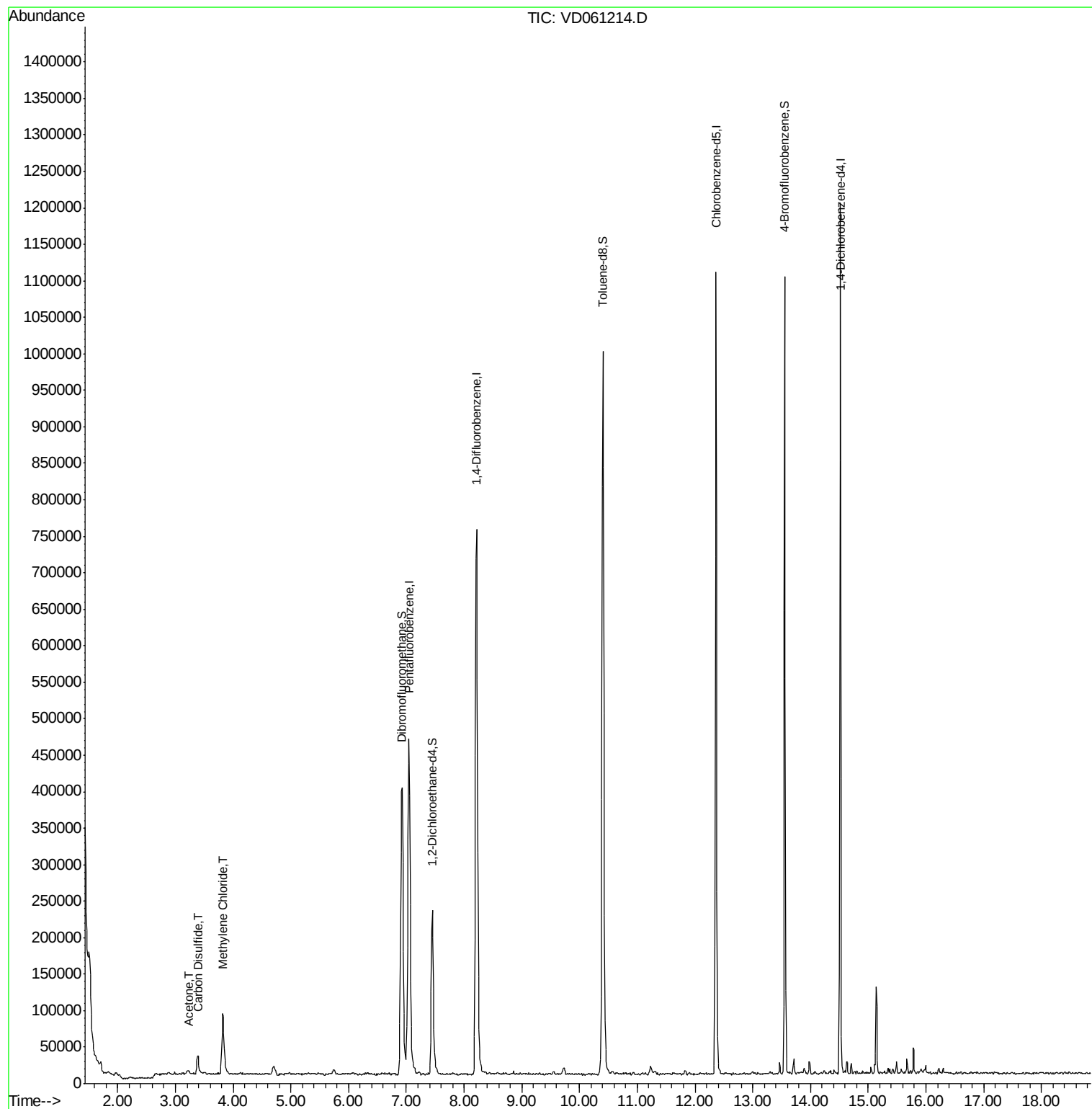
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	514299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	946125	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	693557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	286872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	218178	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	6.92	113	399460	56.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.78%	
50) Toluene-d8	10.40	98	913609	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	13.55	95	332963	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
16) Acetone	3.22	43	12899	10.537	ug/l	98
17) Carbon Disulfide	3.39	76	52146	2.994	ug/l	96
20) Methylene Chloride	3.83	84	64429	7.587	ug/l	91

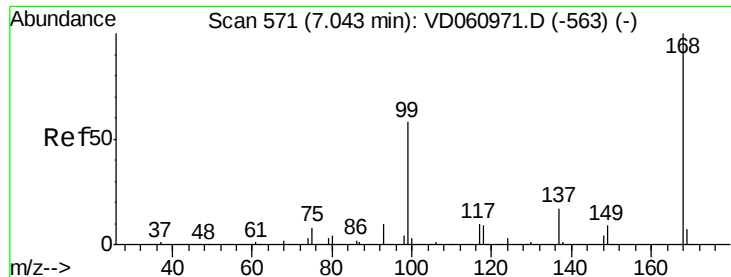
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032019\
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Acq On : 20 Mar 2019 18:03
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SB-13(13.5-14.5)

Quant Time: Mar 22 03:10:38 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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061214.D

Acq: 20 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

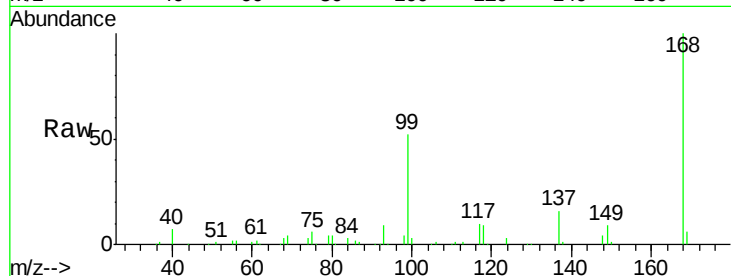
SB-13(13.5-14.5)

Tot Ion:168 Resp: 514299

Ion Ratio Lower Upper

168 100

99 51.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

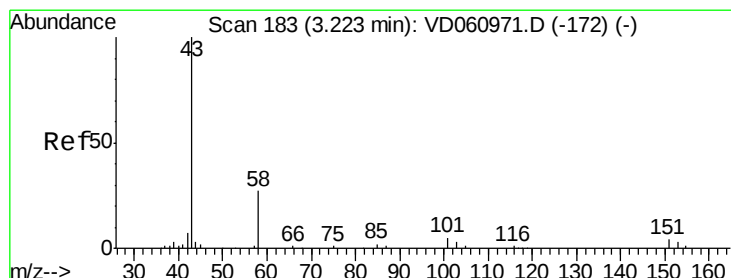
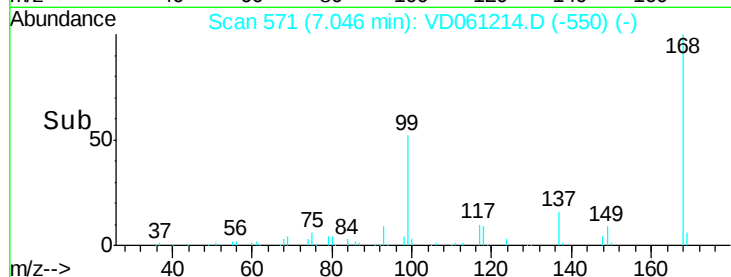
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 10.537 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061214.D

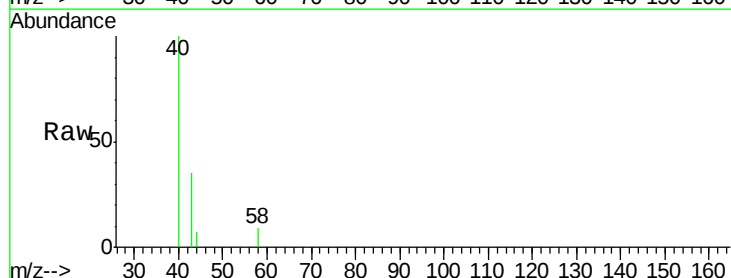
Acq: 20 Mar 2019 18:03

Tgt Ion: 43 Resp: 12899

Ion Ratio Lower Upper

43 100

58 26.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

4000

3000

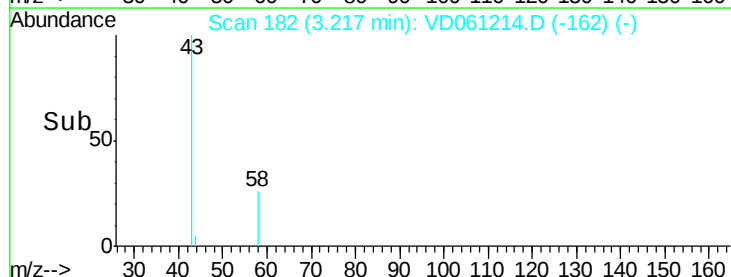
2000

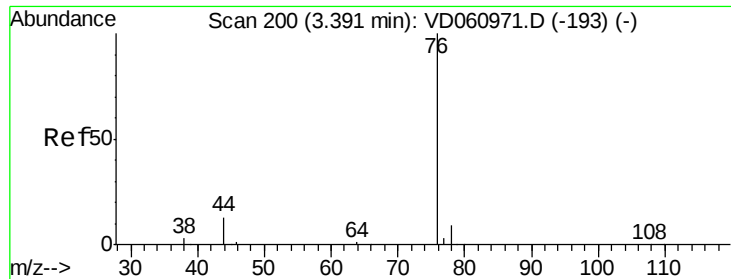
1000

0

3.10 3.20 3.30

Time-->

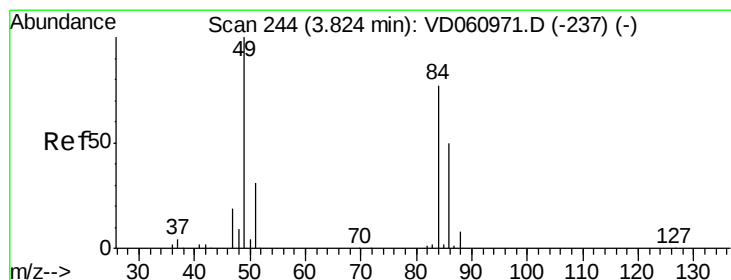
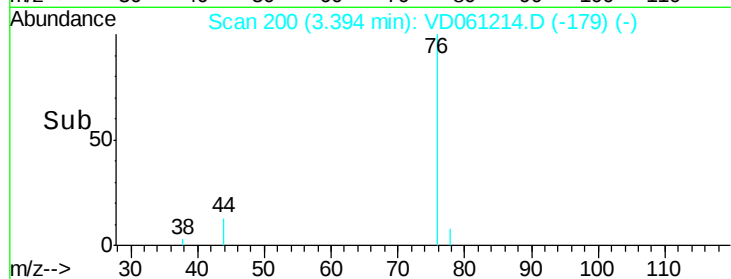
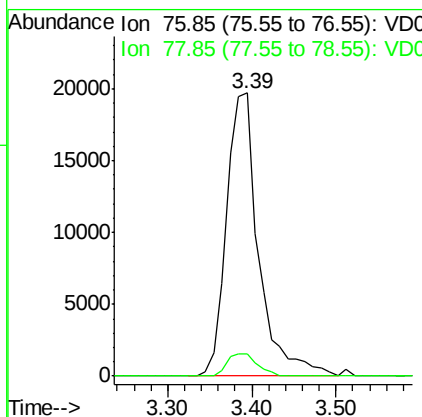
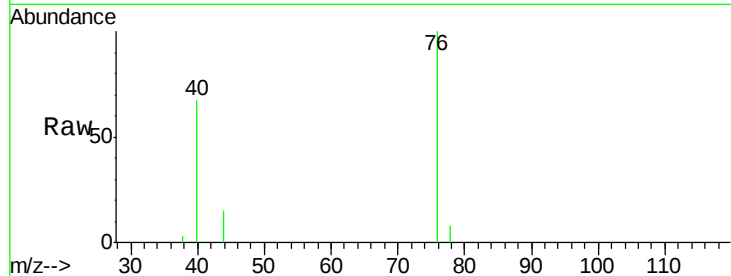




#17
Carbon Disulfide
Concen: 2.994 ug/l
RT: 3.39 min Scan# 200
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

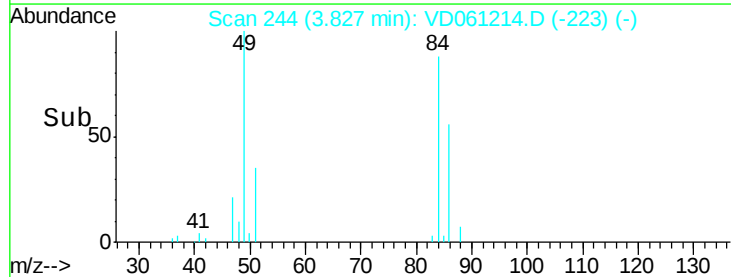
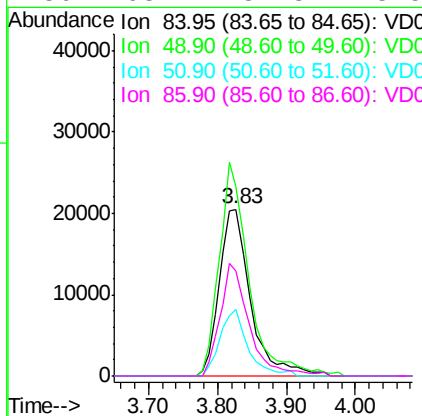
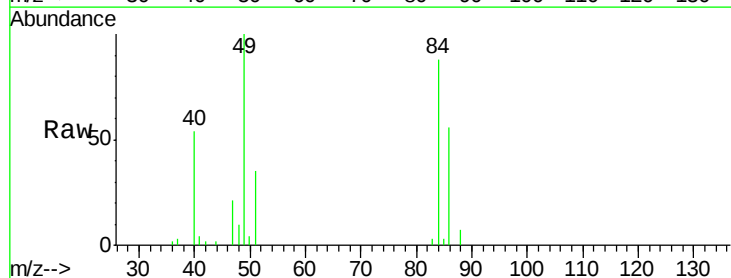
Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

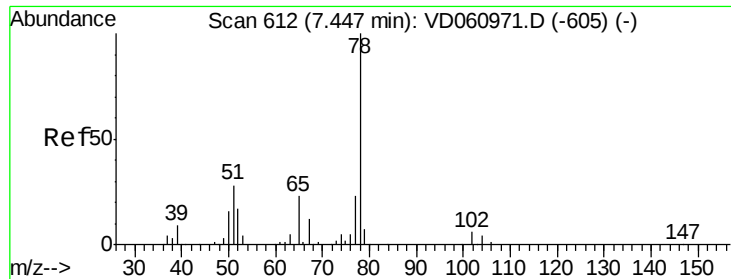
Tot Ion: 76 Resp: 52146
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#20
Methylene Chloride
Concen: 7.587 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 84 Resp: 64429
Ion Ratio Lower Upper
84 100
49 113.1 104.2 156.2
51 39.7 32.3 48.5
86 63.2 52.3 78.5

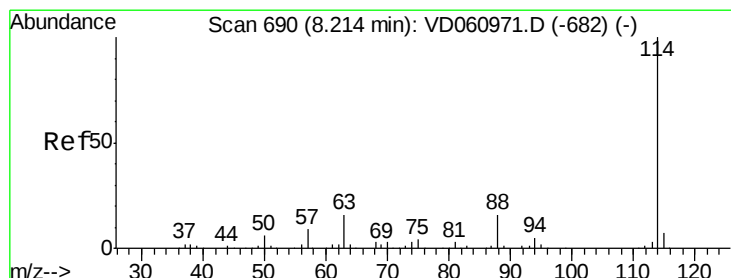
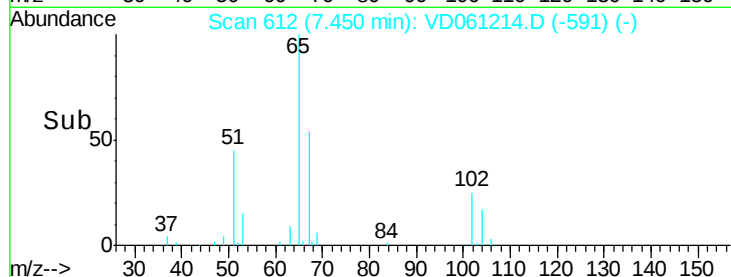
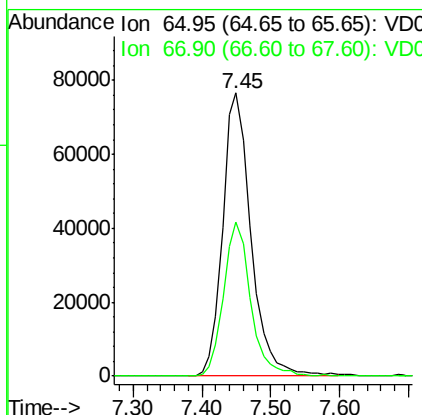
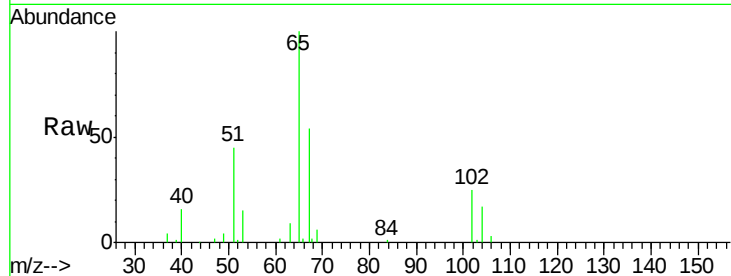




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061214.D
 Acq: 20 Mar 2019 18:03

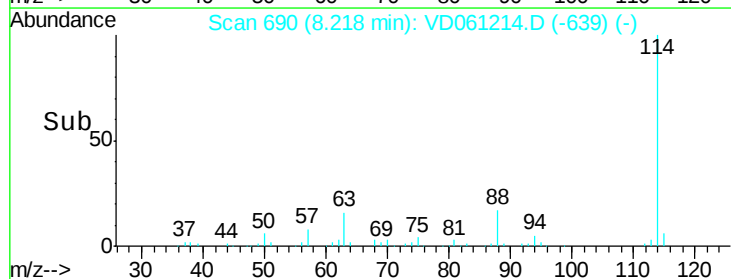
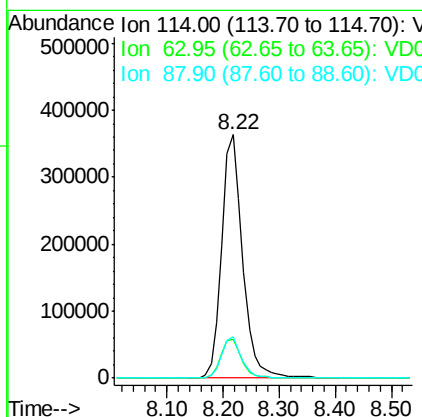
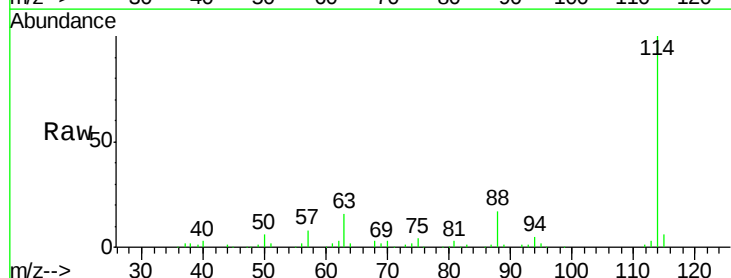
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13(13.5-14.5)

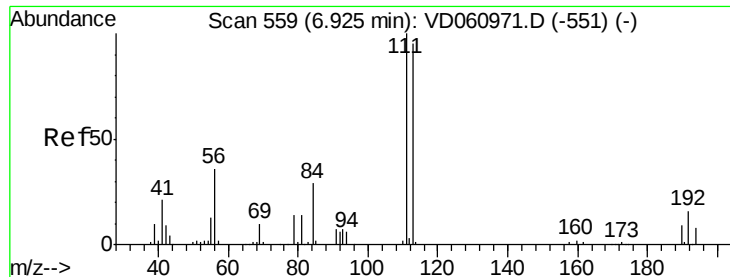
Tot Ion: 65 Resp: 218178
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061214.D
 Acq: 20 Mar 2019 18:03

Tgt Ion: 114 Resp: 946125
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061214.D

Acq: 20 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

SB-13(13.5-14.5)

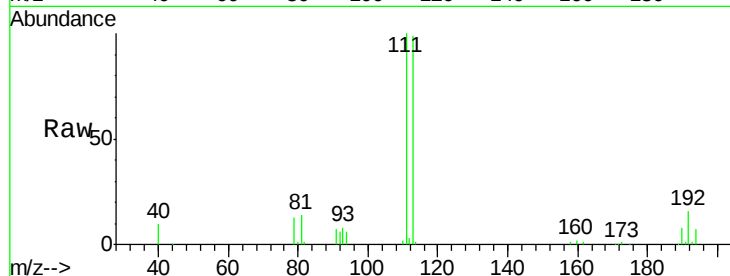
Tot Ion:113 Resp: 399460

Ion Ratio Lower Upper

113 100

111 101.5 84.2 126.4

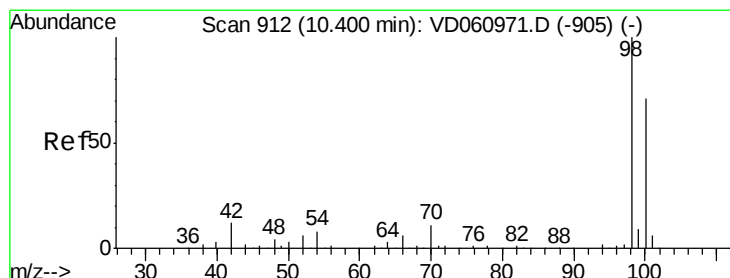
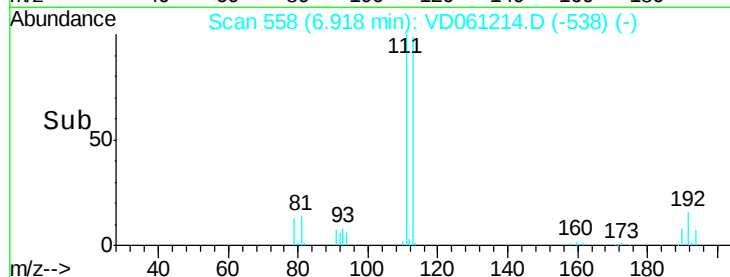
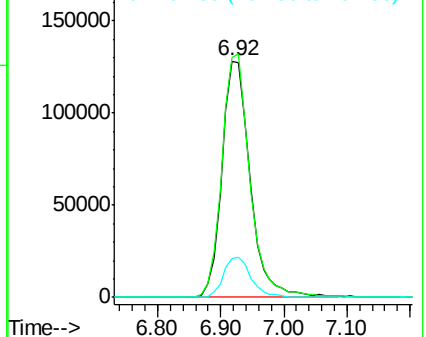
192 16.3 13.1 19.7



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: VD061214.D

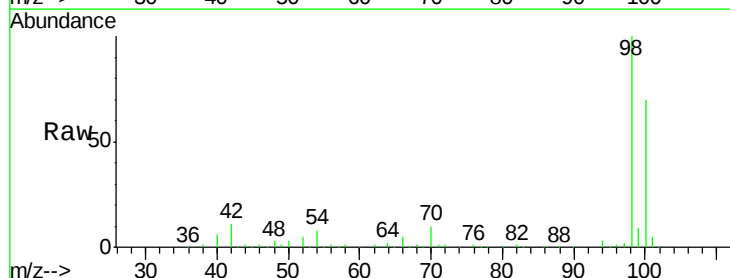
Acq: 20 Mar 2019 18:03

Tgt Ion: 98 Resp: 913609

Ion Ratio Lower Upper

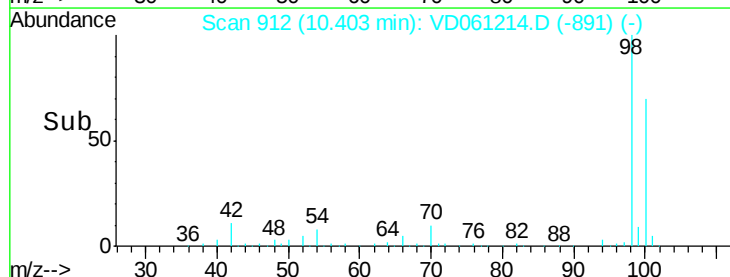
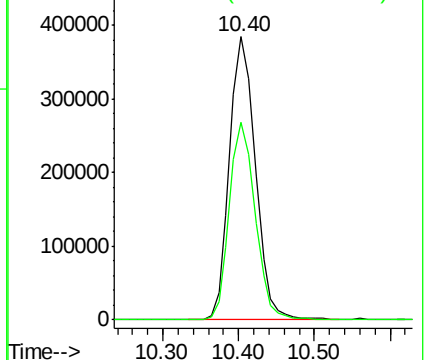
98 100

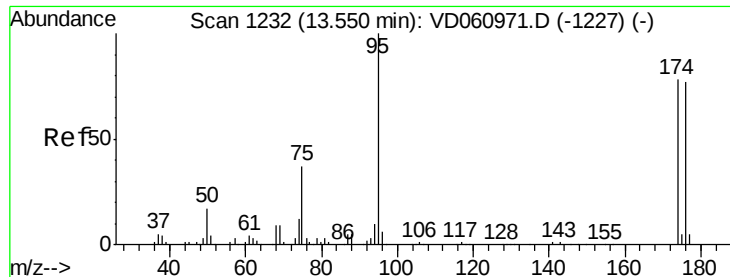
100 70.0 57.4 86.2



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: VD061214.D

Acq: 20 Mar 2019 18:03

Instrument :

MSVOA_D

ClientSampleId :

SB-13(13.5-14.5)

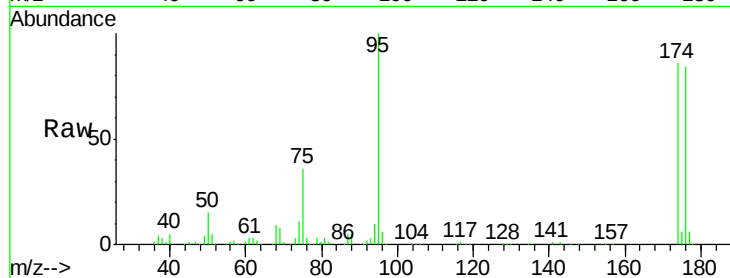
Tot Ion: 95 Resp: 332963

Ion Ratio Lower Upper

95 100

174 85.9 0.0 155.6

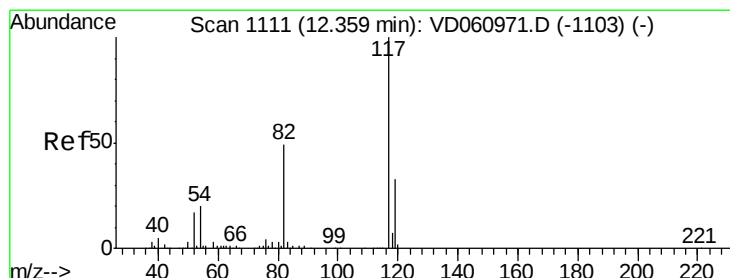
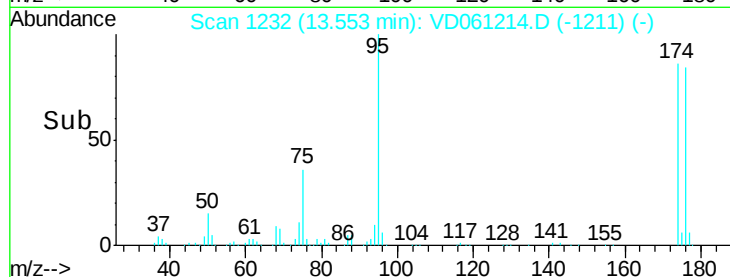
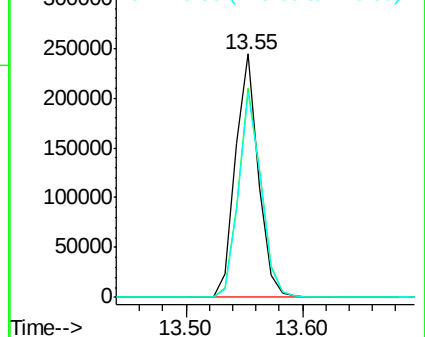
176 84.3 0.0 153.8



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: VD061214.D

Acq: 20 Mar 2019 18:03

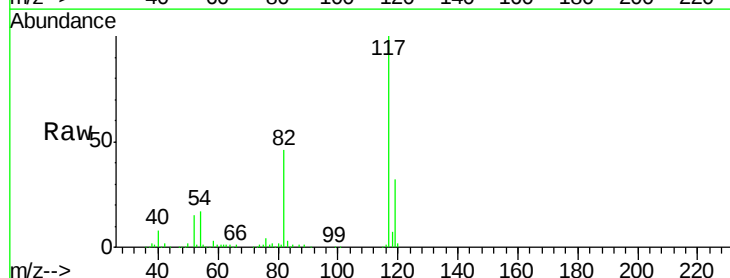
Tgt Ion: 117 Resp: 693557

Ion Ratio Lower Upper

117 100

82 46.0 38.9 58.3

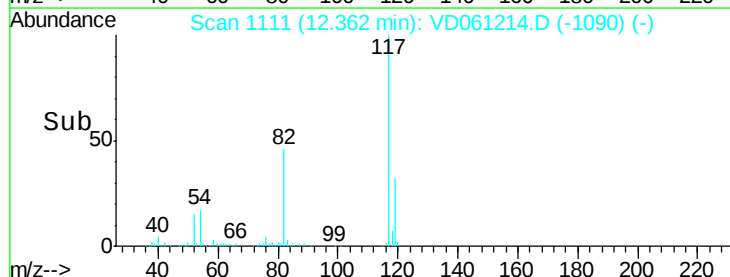
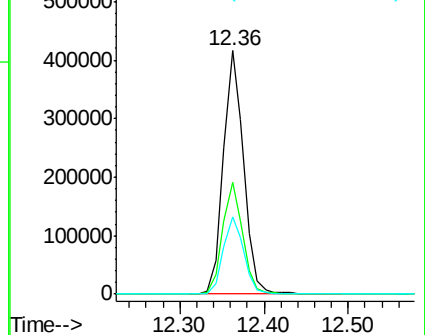
119 31.8 26.6 39.8

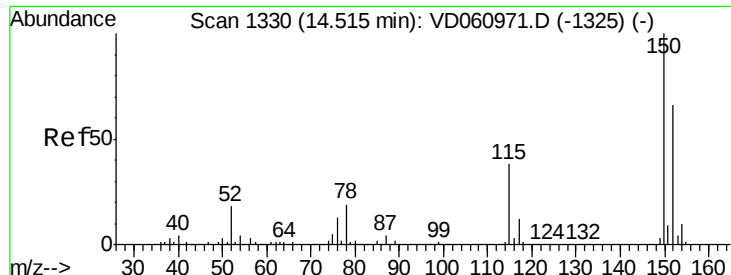


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

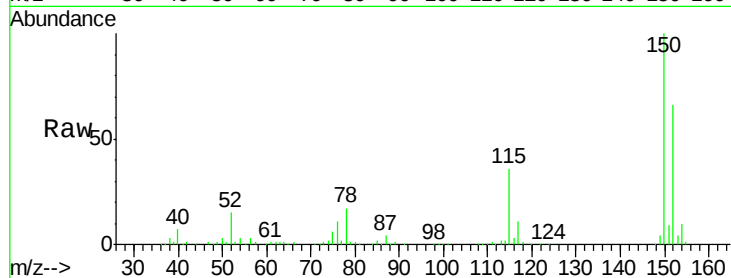




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061214.D
 Acq: 20 Mar 2019 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13(13.5-14.5)

Tot Ion:152 Resp: 286872
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.6 85.9
 150 151.6 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

