

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061149.D
 Acq On : 18 Mar 2019 17:00
 Operator : VA/AP
 Sample : K1935-04
 Misc : 3.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(13-14)

Quant Time: Mar 19 04:15:33 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

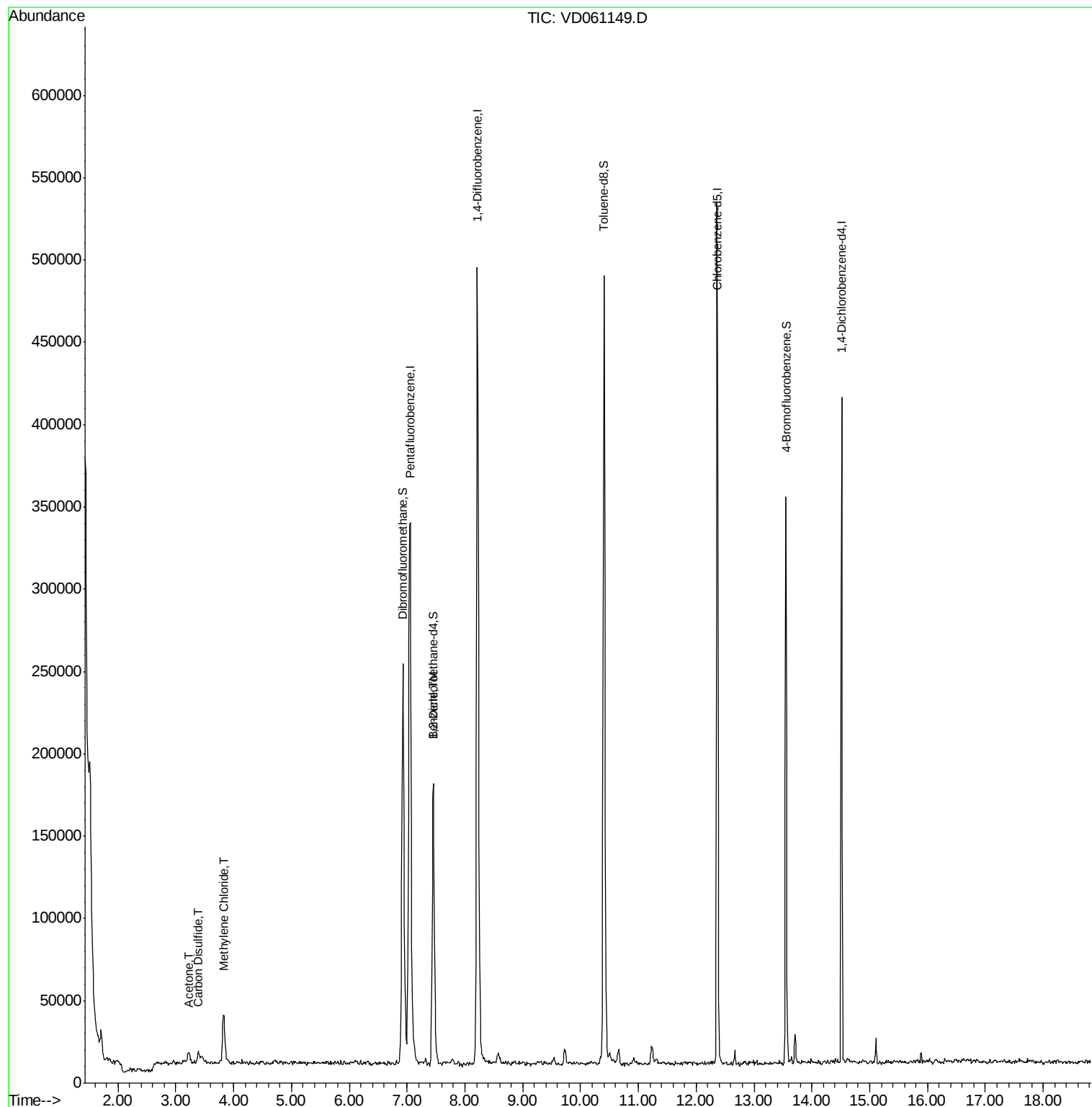
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	356042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	593572	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	338037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	95612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	154016	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	6.92	113	228751	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
50) Toluene-d8	10.41	98	435813	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.80%	
62) 4-Bromofluorobenzene	13.55	95	107925	25.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.28%	
Target Compounds						
16) Acetone	3.22	43	15644	18.459	ug/l #	88
17) Carbon Disulfide	3.39	76	14880	1.234	ug/l #	93
20) Methylene Chloride	3.82	84	23577	1.586	ug/l	96
40) Benzene	7.46	78	23142	1.810	ug/l	96

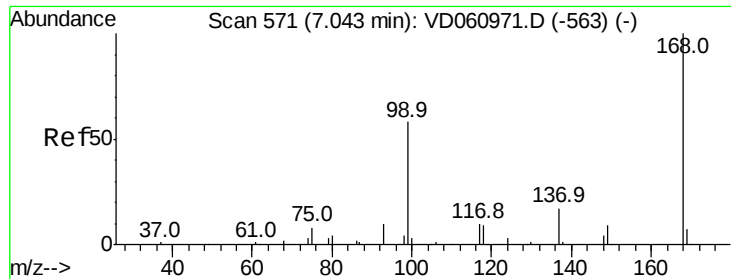
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031819\
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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# 572

Delta R.T. 0.01 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

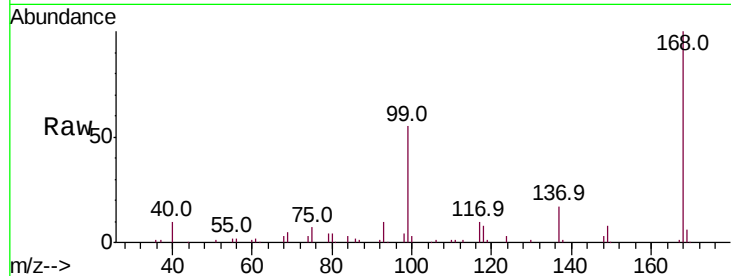
SB-5(13-14)

Tot Ion:168 Resp: 356042

Ion Ratio Lower Upper

168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

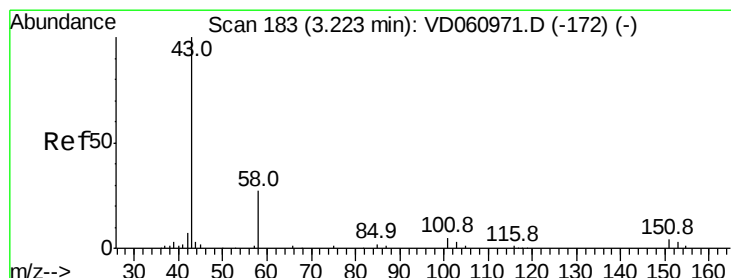
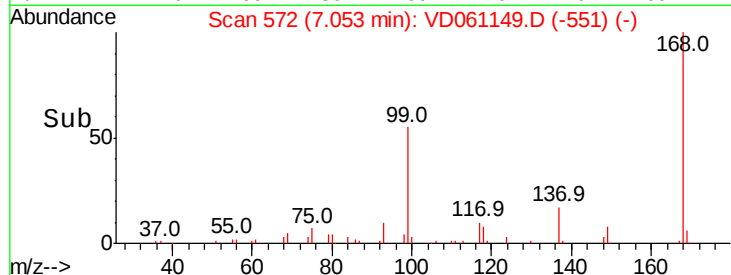
7.05

100000

50000

0

Time-->



#16

Acetone

Concen: 18.459 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061149.D

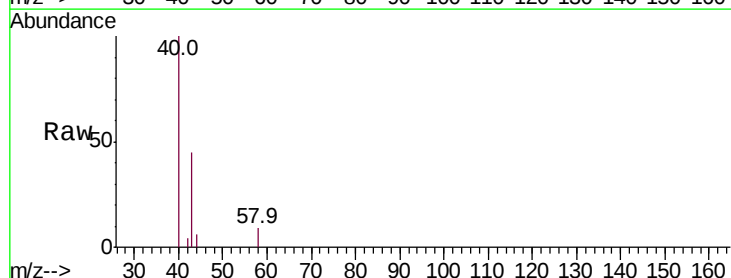
Acq: 18 Mar 2019 17:00

Tgt Ion: 43 Resp: 15644

Ion Ratio Lower Upper

43 100

58 20.6 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

6000

5000

4000

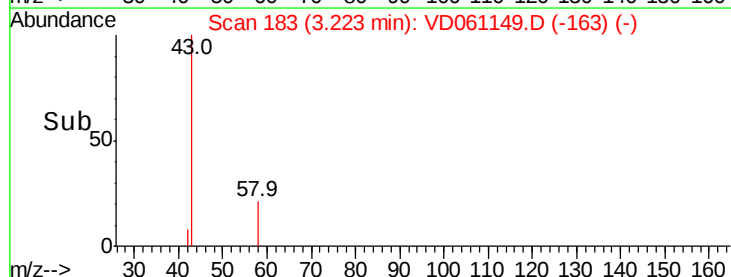
3000

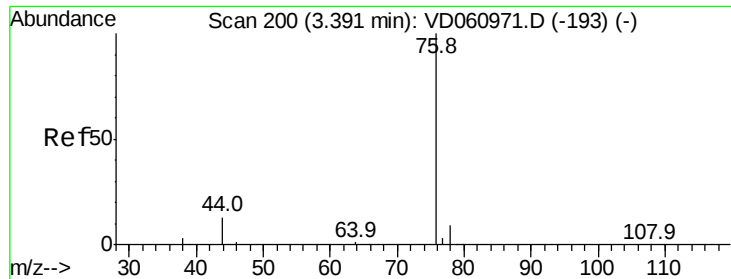
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.234 ug/l

RT: 3.39 min Scan# 200

Delta R.T. 0.00 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

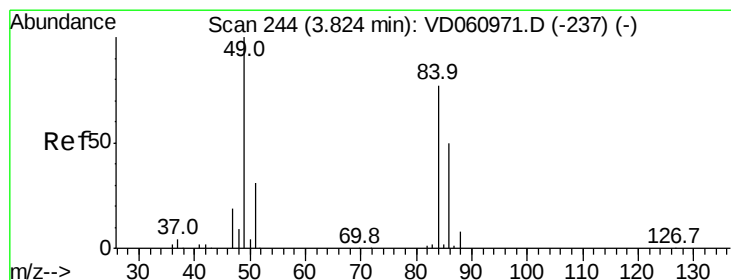
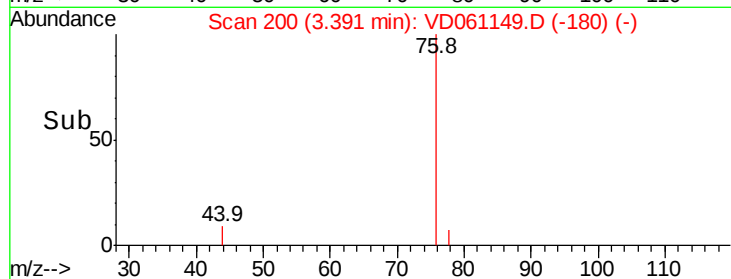
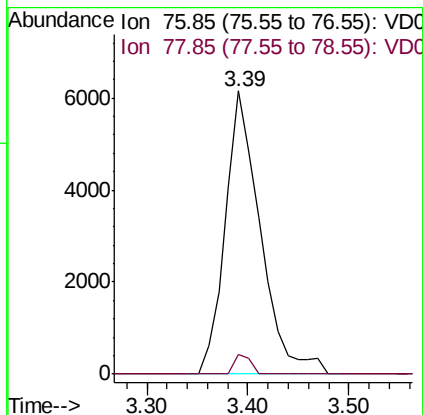
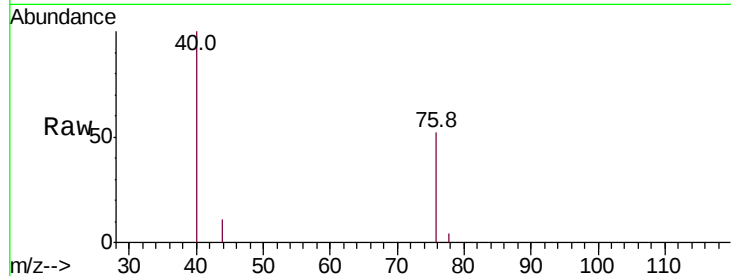
SB-5(13-14)

Tot Ion: 76 Resp: 14880

Ion Ratio Lower Upper

76 100

78 6.9 7.4 11.2#



#20

Methylene Chloride

Concen: 1.586 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Tgt Ion: 84 Resp: 23577

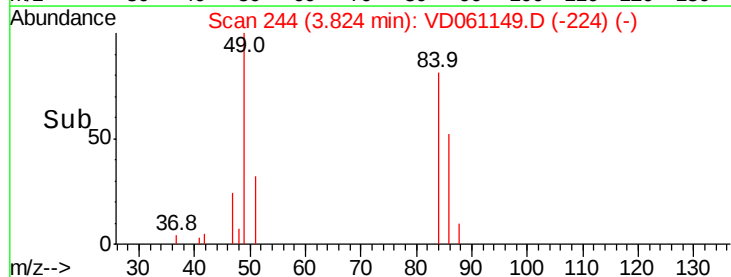
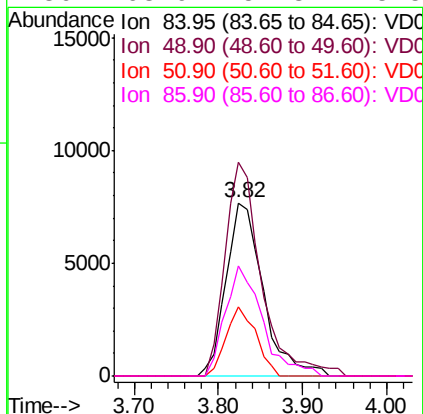
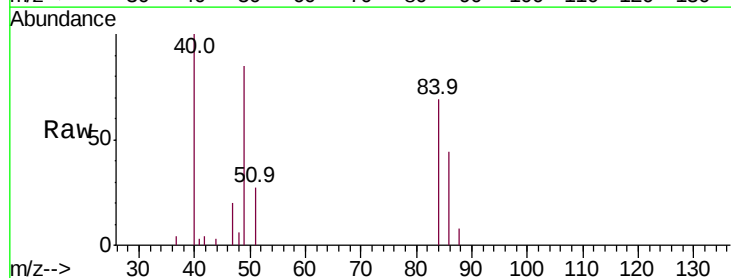
Ion Ratio Lower Upper

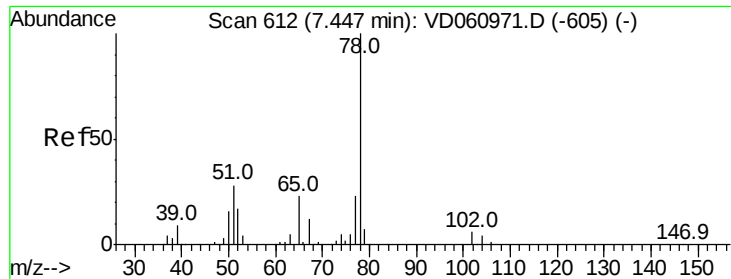
84 100

49 123.6 104.2 156.2

51 39.7 32.3 48.5

86 63.9 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

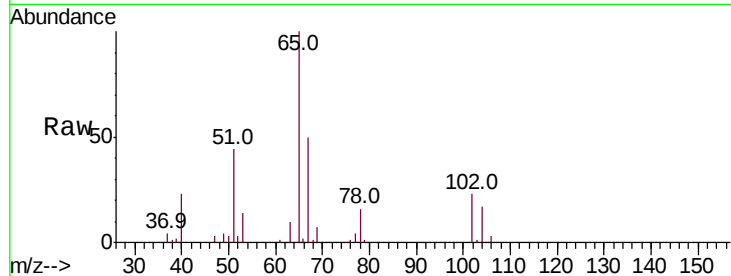
SB-5(13-14)

Tot Ion: 65 Resp: 154016

Ion Ratio Lower Upper

65 100

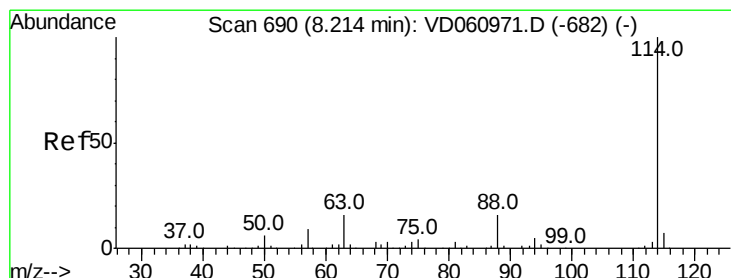
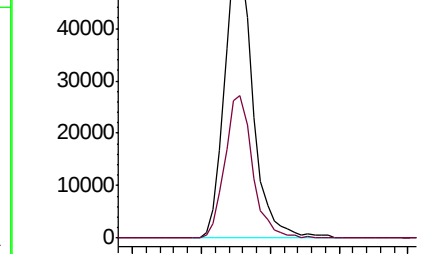
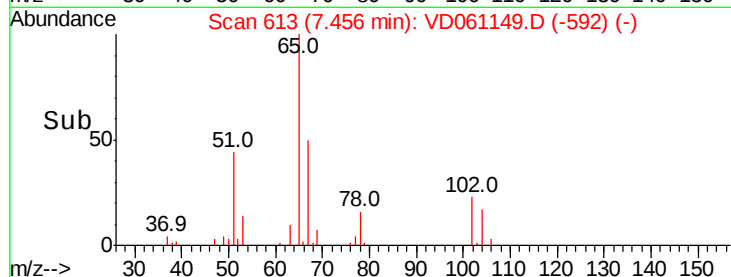
67 50.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

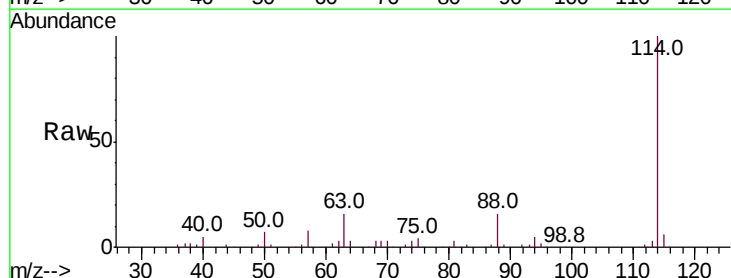
Tgt Ion:114 Resp: 593572

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

88 15.8 0.0 33.0

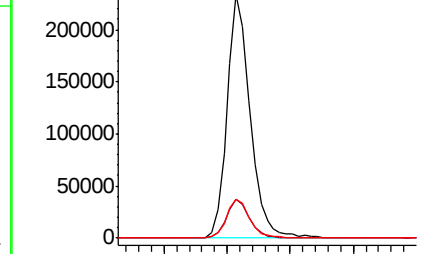
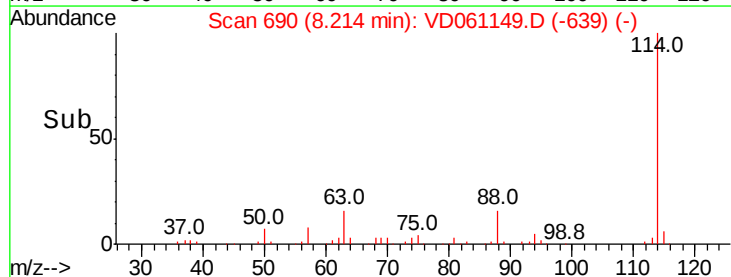


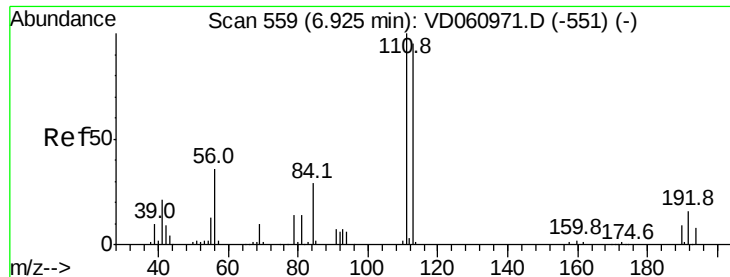
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

SB-5(13-14)

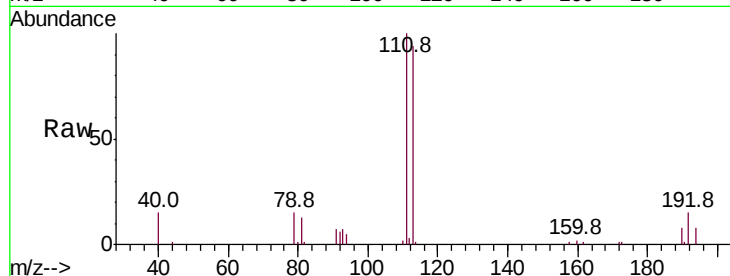
Tot Ion:113 Resp: 228751

Ion Ratio Lower Upper

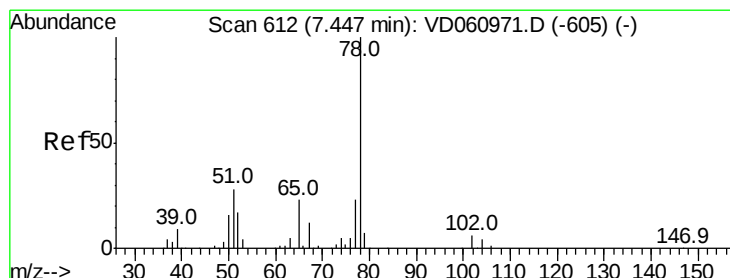
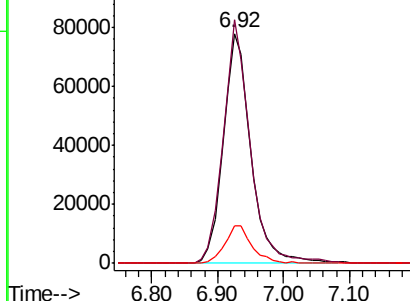
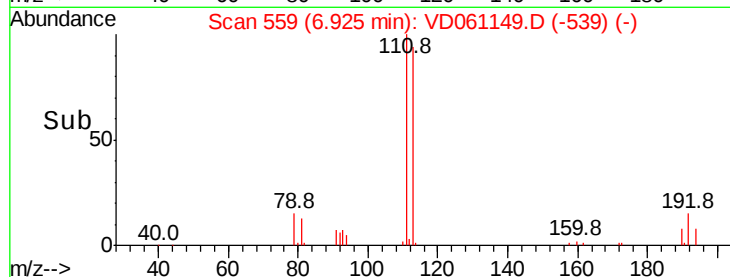
113 100

111 105.9 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



#40

Benzene

Concen: 1.810 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061149.D

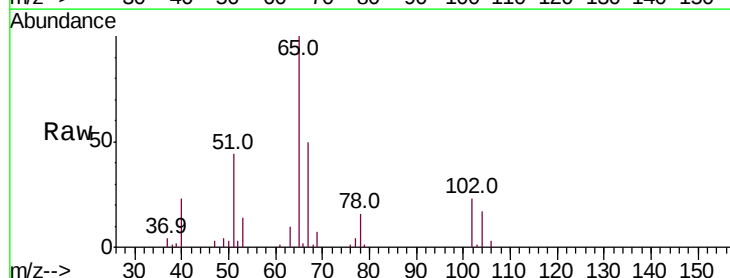
Acq: 18 Mar 2019 17:00

Tgt Ion: 78 Resp: 23142

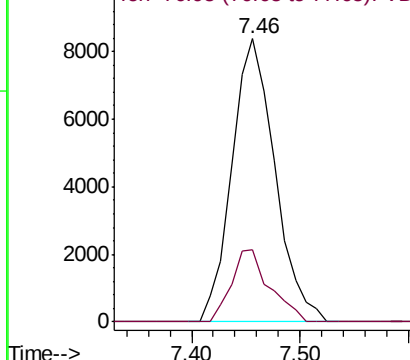
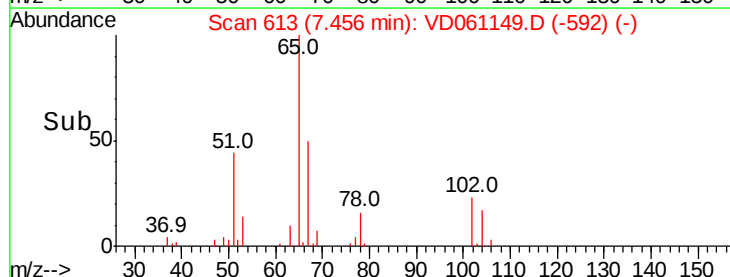
Ion Ratio Lower Upper

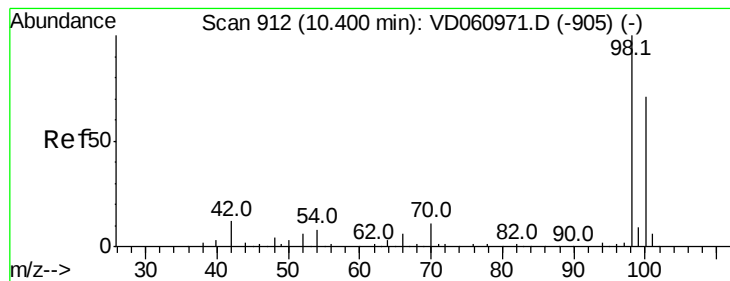
78 100

77 25.6 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): V
Ion 76.95 (76.65 to 77.65): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

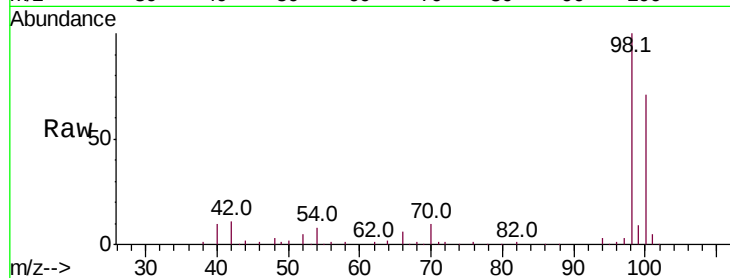
SB-5(13-14)

Tot Ion: 98 Resp: 435813

Ion Ratio Lower Upper

98 100

100 71.1 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

200000

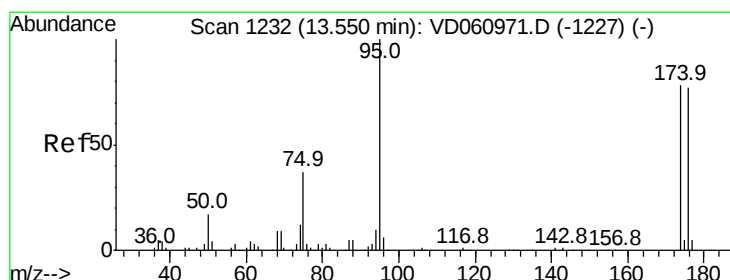
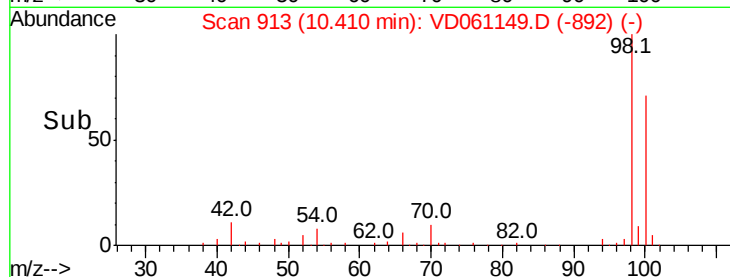
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061149.D

Acq: 18 Mar 2019 17:00

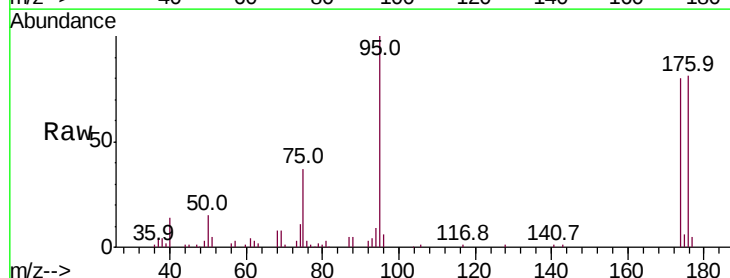
Tgt Ion: 95 Resp: 107925

Ion Ratio Lower Upper

95 100

174 80.1 0.0 155.6

176 80.8 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

100000

80000

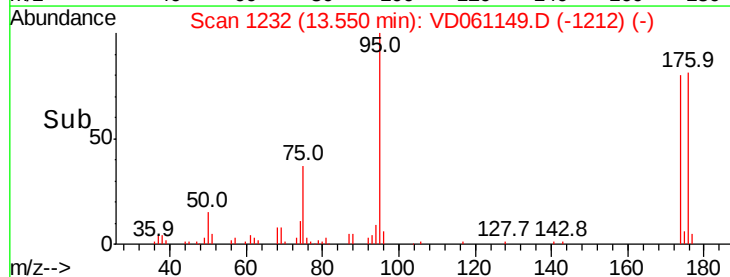
60000

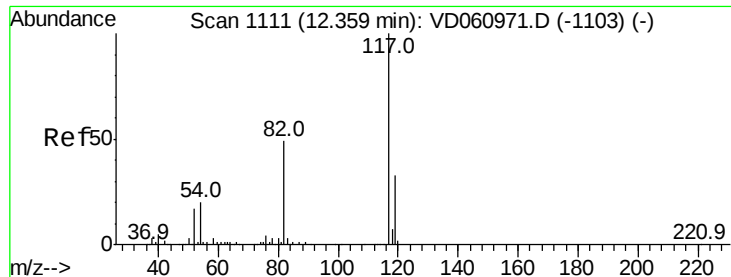
40000

20000

0

Time-->

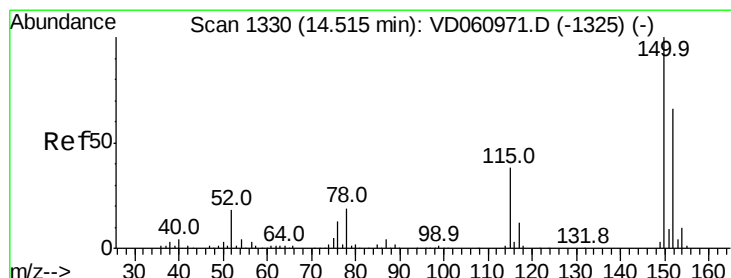
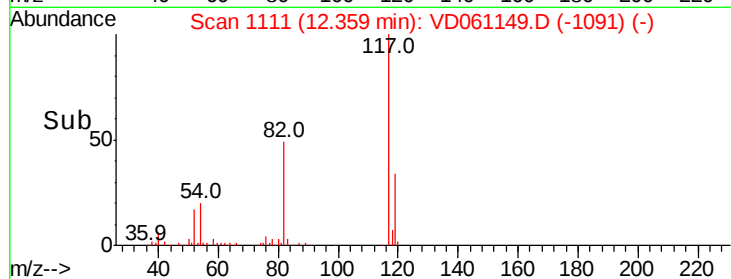
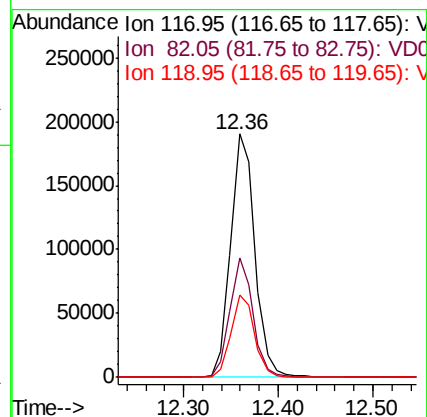
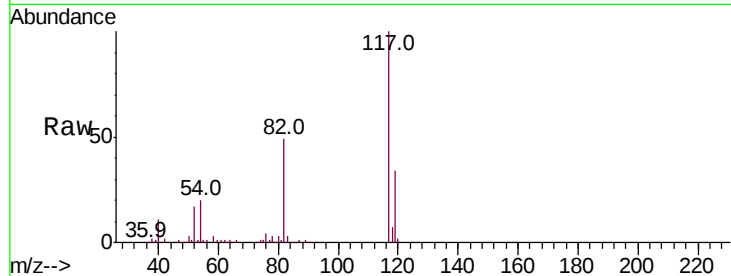




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061149.D
Acq: 18 Mar 2019 17:00

Instrument :
MSVOA_D
ClientSampleId :
SB-5(13-14)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	38.9	58.3
119	33.6	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061149.D
Acq: 18 Mar 2019 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	28.6	85.9
150	151.0	0.0	310.6

