

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061074.D
 Acq On : 14 Mar 2019 19:36
 Operator : VA/AP
 Sample : K1901-10
 Misc : 5.45g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(7-8)

Quant Time: Mar 15 03:43:55 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

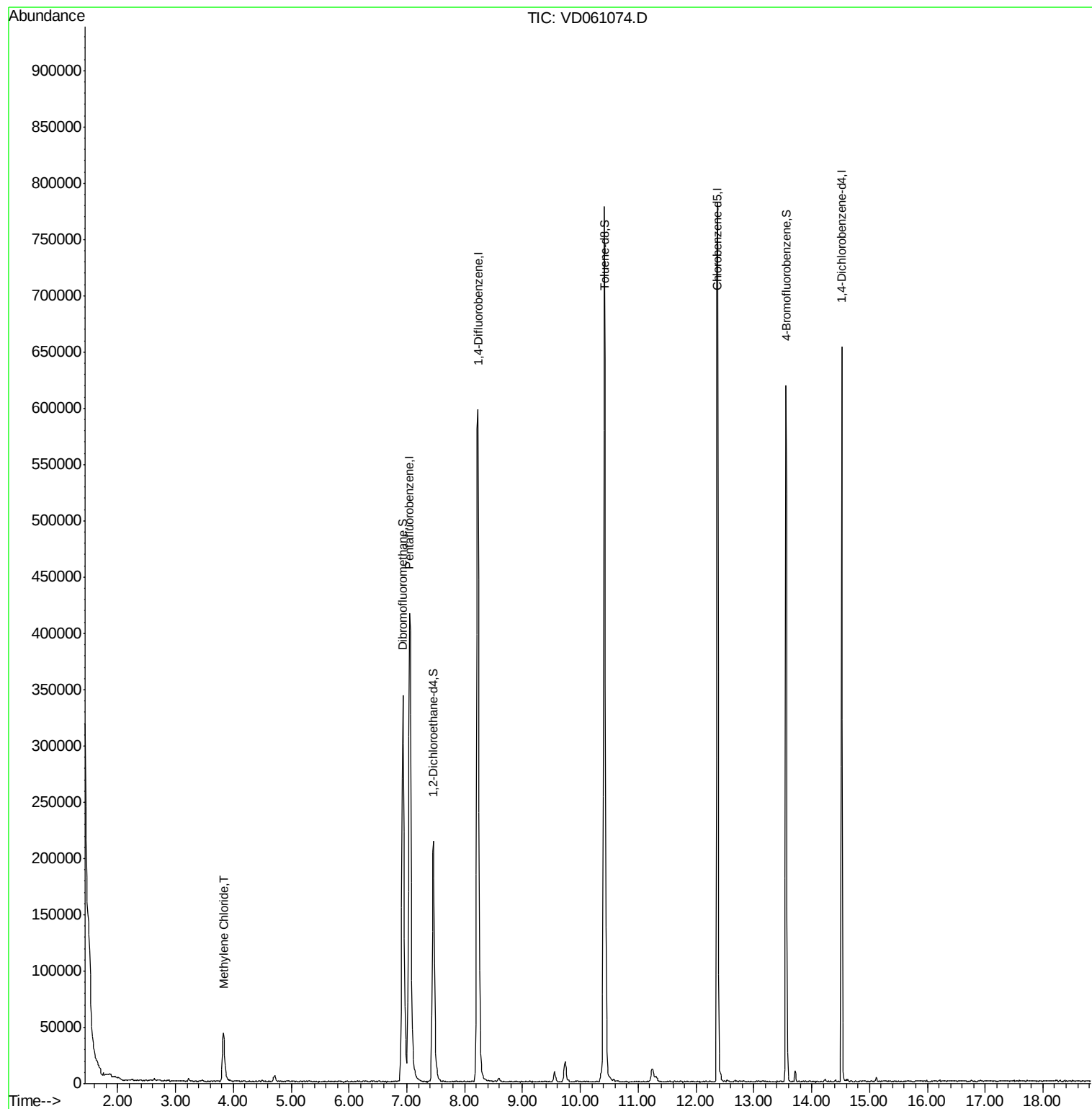
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	451137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	785151	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	525519	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	142228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	211083	56.21	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	6.93	113	330071	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
50) Toluene-d8	10.41	98	679715	46.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	13.55	95	204575	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
Target Compounds						
20) Methylene Chloride	3.83	84	33545	2.412	ug/l	Qvalue 97

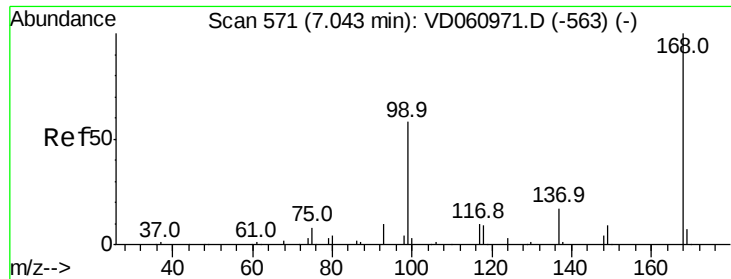
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061074.D

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Instrument :

MSVOA_D

ClientSampleId :

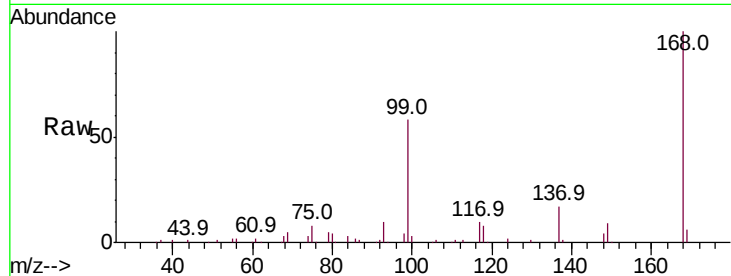
SB-16(7-8)

Tot Ion:168 Resp: 451137

Ion Ratio Lower Upper

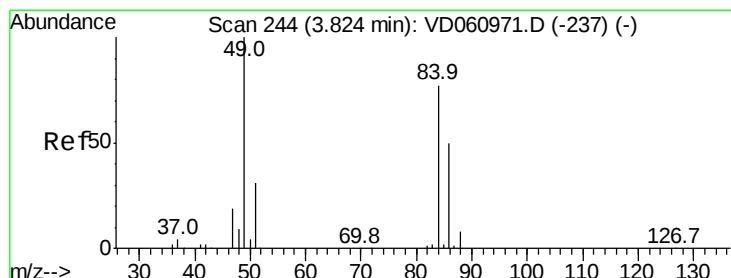
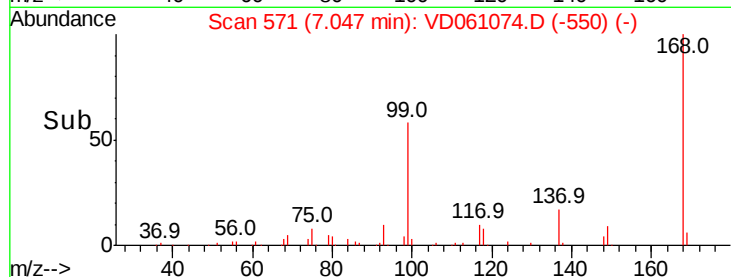
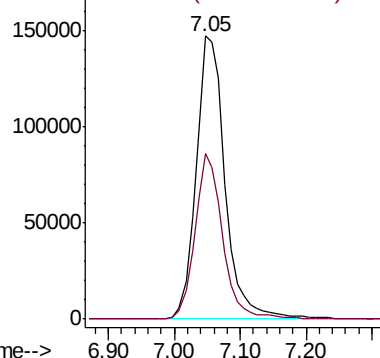
168 100

99 58.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.412 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061074.D

Acq: 14 Mar 2019 19:36

Tgt Ion: 84 Resp: 33545

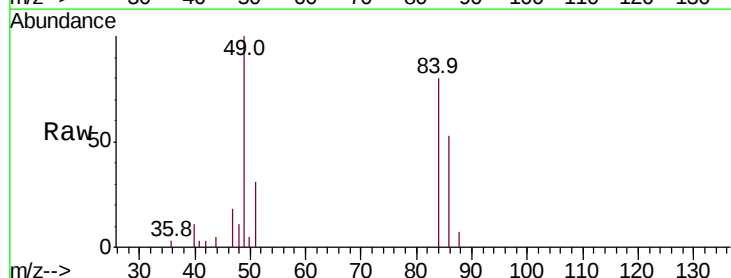
Ion Ratio Lower Upper

84 100

49 125.7 104.2 156.2

51 39.2 32.3 48.5

86 67.1 52.3 78.5

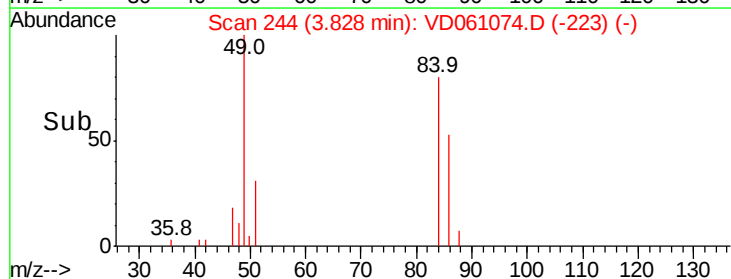
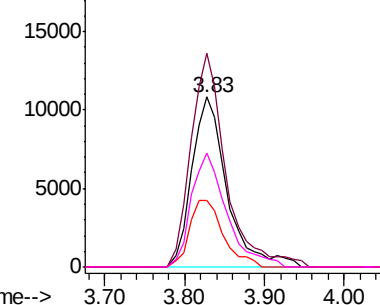


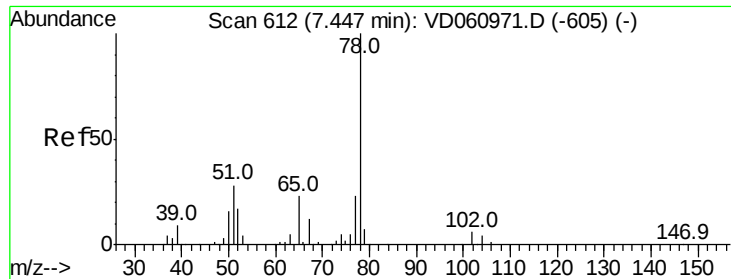
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061074.D

Acq: 14 Mar 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

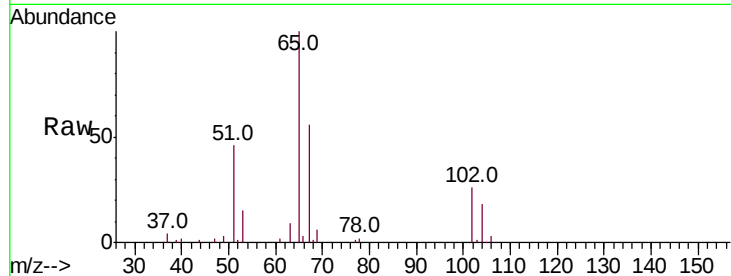
SB-16(7-8)

Tot Ion: 65 Resp: 211083

Ion Ratio Lower Upper

65 100

67 56.3 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

80000

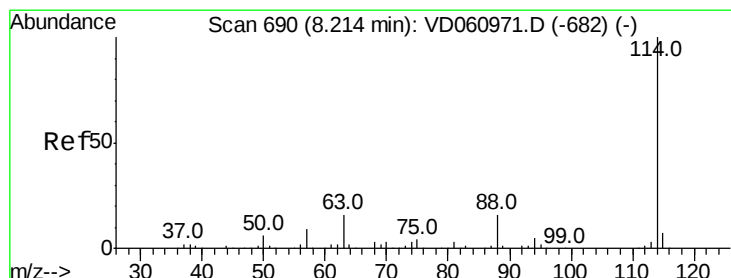
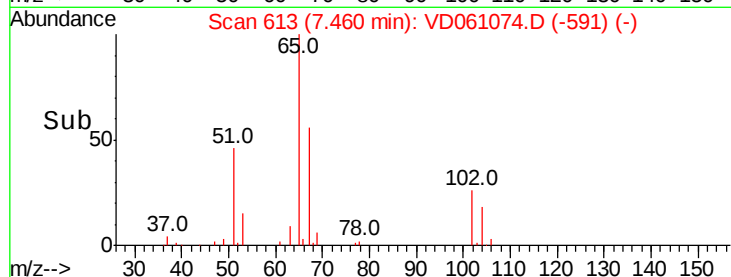
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061074.D

Acq: 14 Mar 2019 19:36

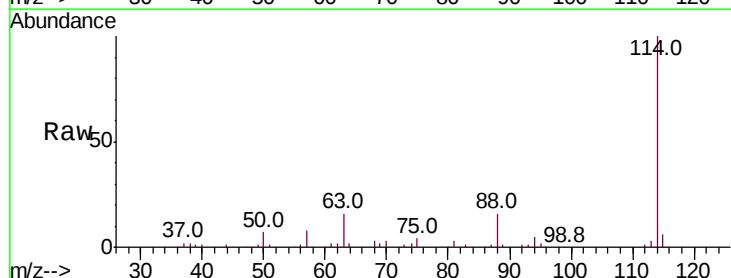
Tgt Ion:114 Resp: 785151

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

88 16.3 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

8.23

400000

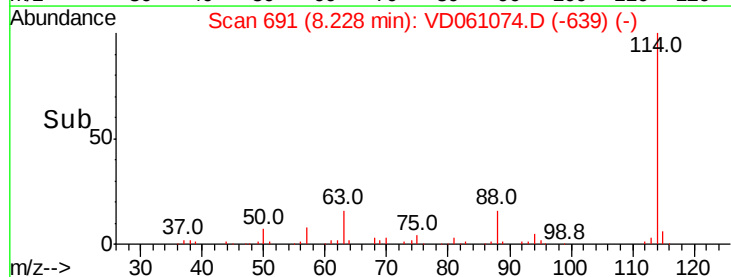
300000

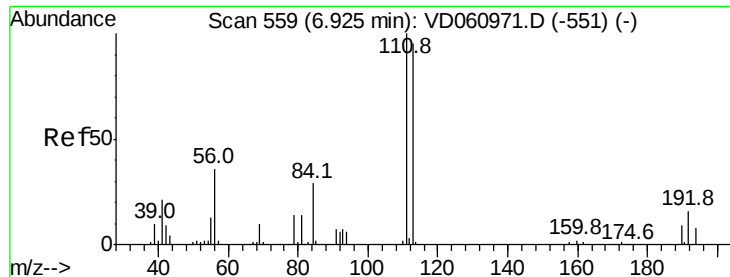
200000

100000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061074.D

Acq: 14 Mar 2019 19:36

Instrument :

MSVOA_D

ClientSampled :

SB-16(7-8)

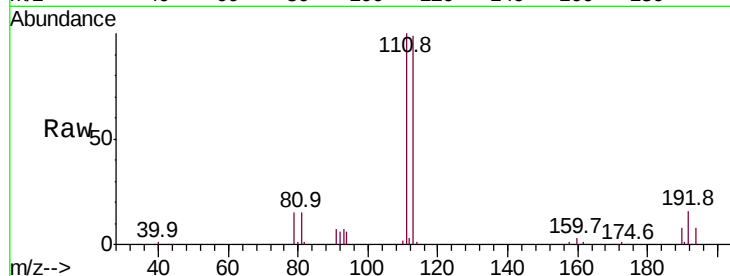
Tot Ion:113 Resp: 330071

Ion Ratio Lower Upper

113 100

111 101.1 84.2 126.4

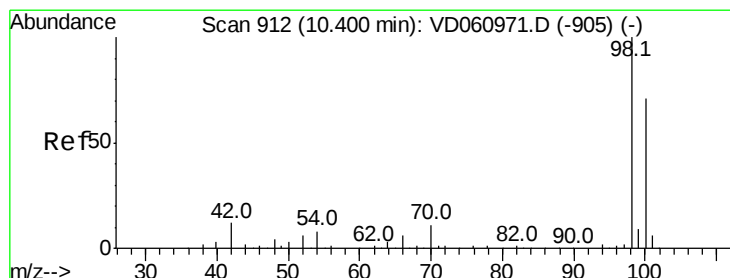
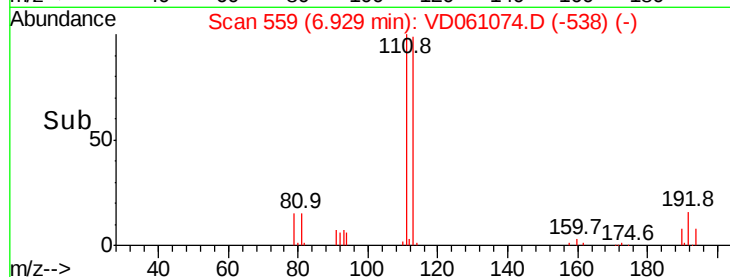
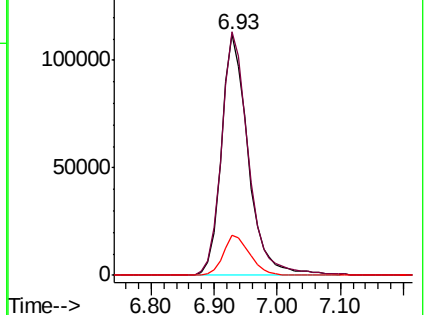
192 16.6 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061074.D

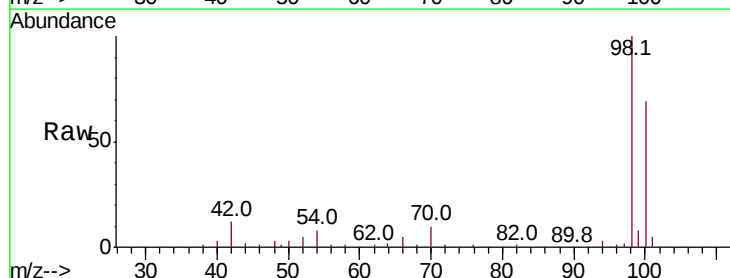
Acq: 14 Mar 2019 19:36

Tgt Ion: 98 Resp: 679715

Ion Ratio Lower Upper

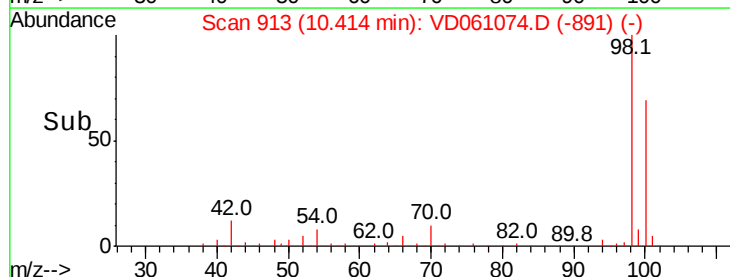
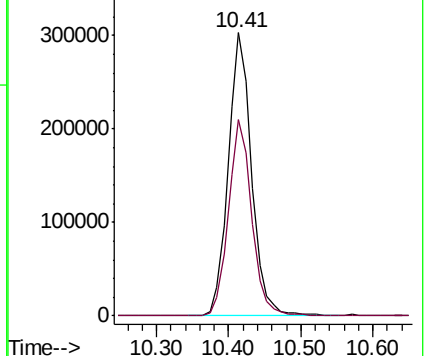
98 100

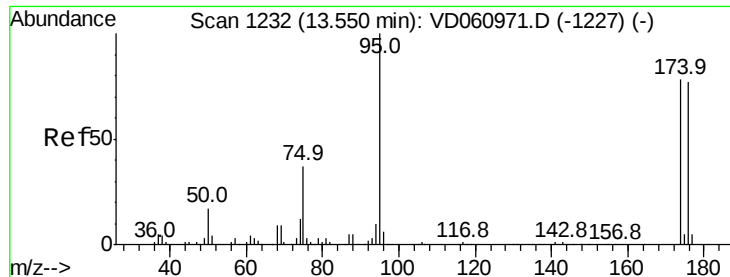
100 69.3 57.4 86.2



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: VD061074.D

Acq: 14 Mar 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

SB-16(7-8)

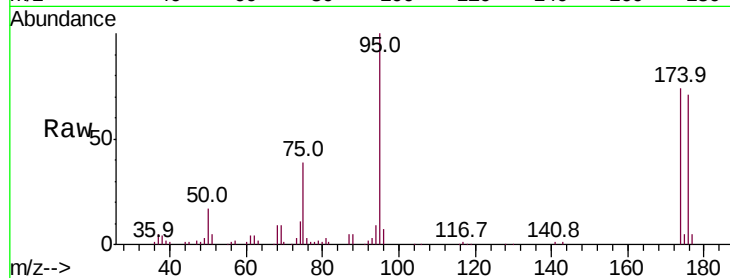
Tot Ion: 95 Resp: 204575

Ion Ratio Lower Upper

95 100

174 74.1 0.0 155.6

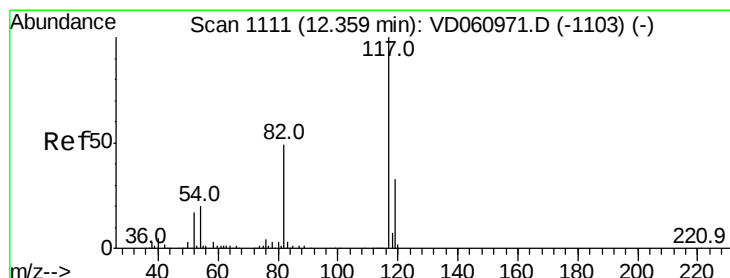
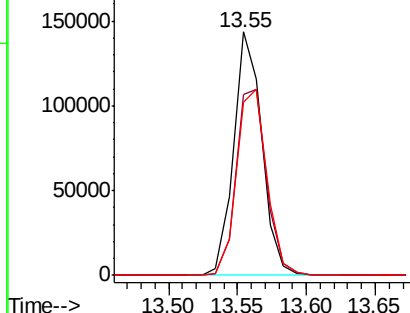
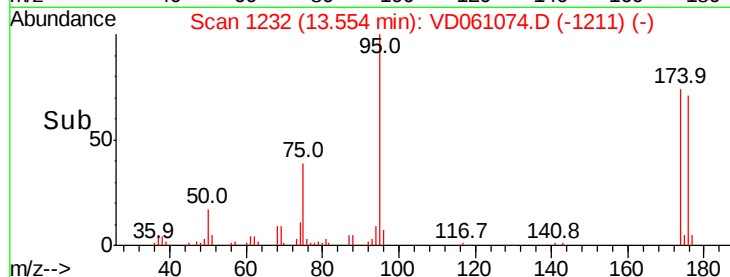
176 71.2 0.0 153.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061074.D

Acq: 14 Mar 2019 19:36

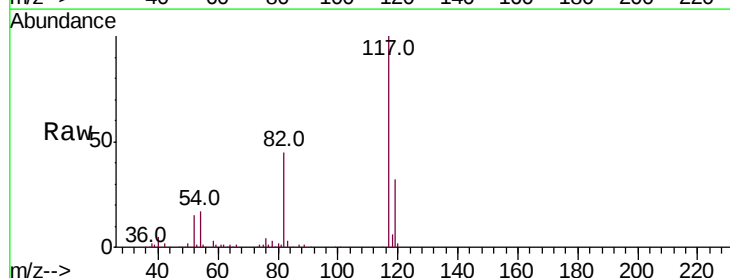
Tgt Ion: 117 Resp: 525519

Ion Ratio Lower Upper

117 100

82 44.5 38.9 58.3

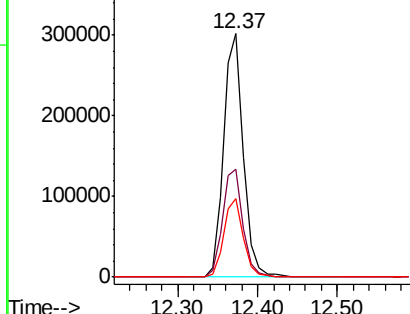
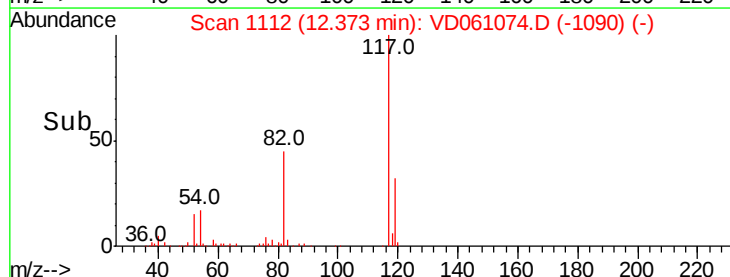
119 32.2 26.6 39.8

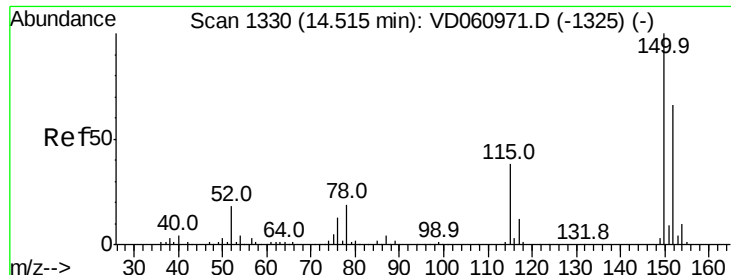


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061074.D

Acq: 14 Mar 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

SB-16(7-8)

Tot Ion:152 Resp: 142228

Ion Ratio Lower Upper

152 100

115 57.5 28.6 85.9

150 155.5 0.0 310.6

