

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061269.D
 Acq On : 22 Mar 2019 19:05
 Operator : VA/AP
 Sample : K2004-11RE
 Misc : 5.32g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23(0.5-1.5)RE

Quant Time: Mar 23 00:47:22 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

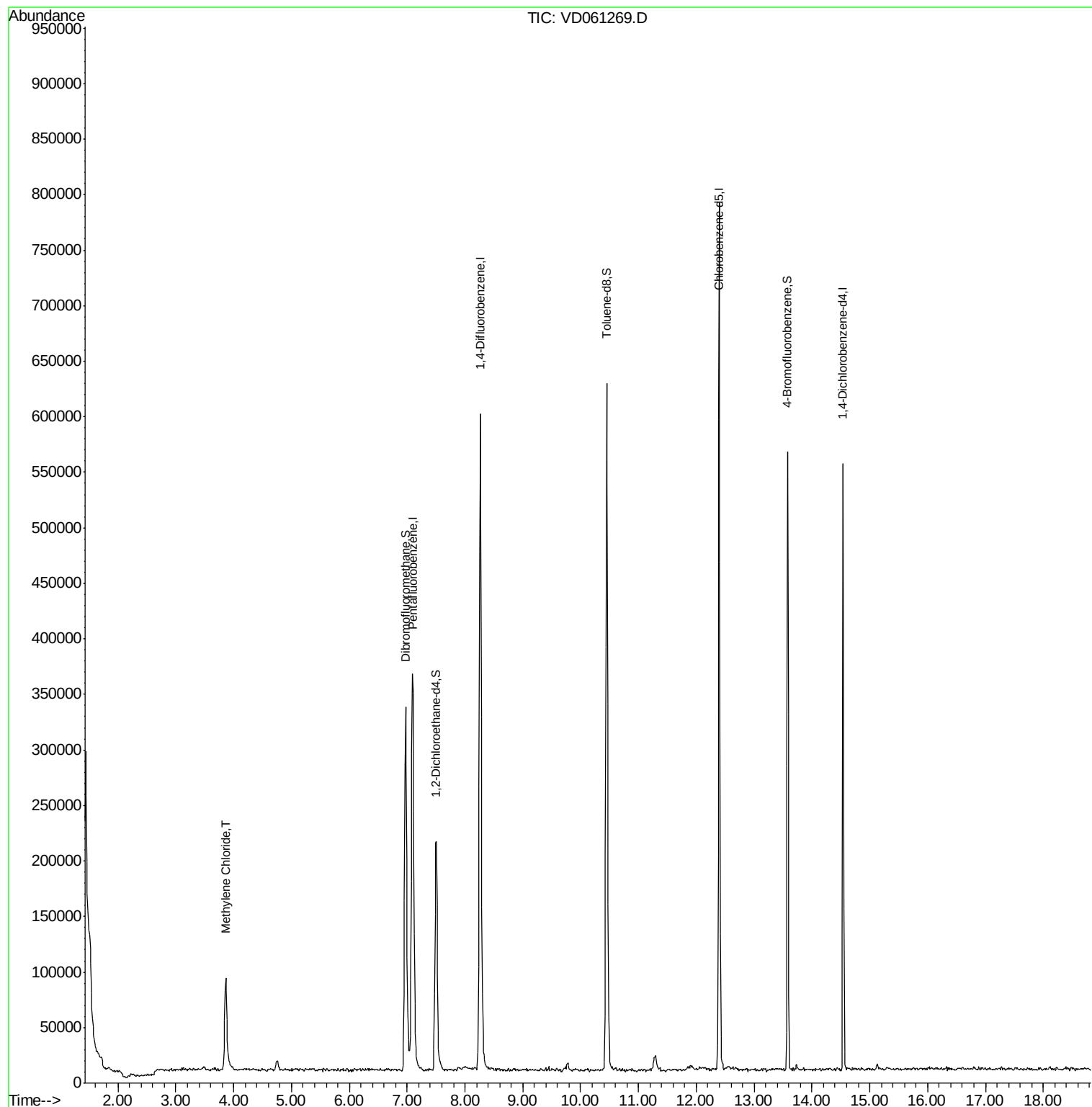
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	378811	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.26	114	745809	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	502740	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	147842	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	201929	64.04	ug/l	0.06
Spiked Amount 50.000			Recovery	=	128.08%	
35) Dibromofluoromethane	6.97	113	306078	55.30	ug/l	0.05
Spiked Amount 50.000			Recovery	=	110.60%	
50) Toluene-d8	10.45	98	545291	39.23	ug/l	0.05
Spiked Amount 50.000			Recovery	=	78.46%	
62) 4-Bromofluorobenzene	13.58	95	169092	31.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	62.70%	
Target Compounds						
20) Methylene Chloride	3.86	84	64674	12.206	ug/l	Qvalue 89

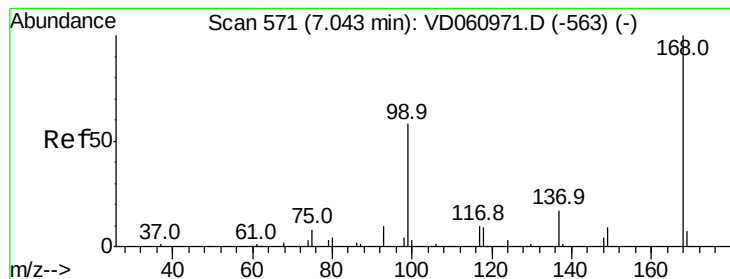
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.10 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

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MSVOA_D

ClientSampleId :

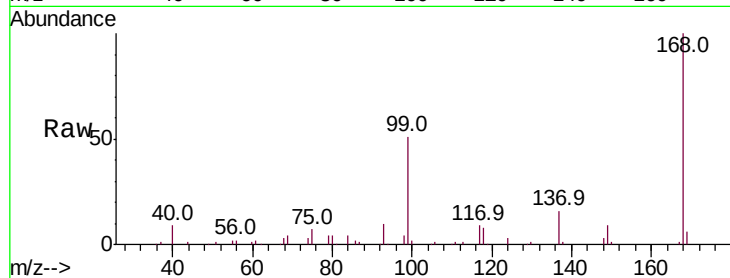
SB-23(0.5-1.5)RE

Tot Ion:168 Resp: 378811

Ion Ratio Lower Upper

168 100

99 50.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.10

150000

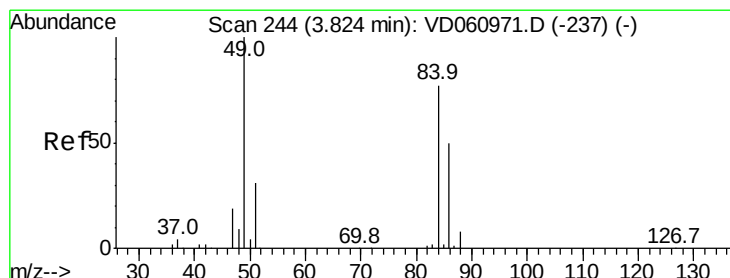
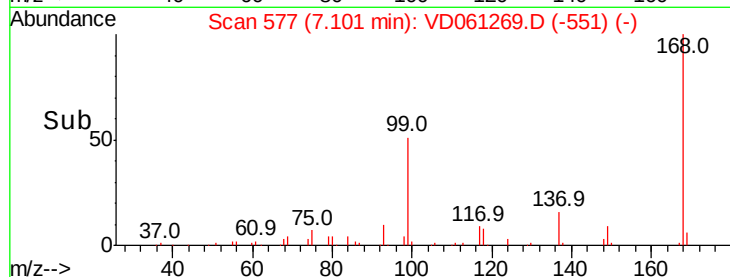
100000

50000

0

Time-->

7.00 7.10 7.20



#20

Methylene Chloride

Concen: 12.206 ug/l

RT: 3.86 min Scan# 248

Delta R.T. 0.04 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

Tgt Ion: 84 Resp: 64674

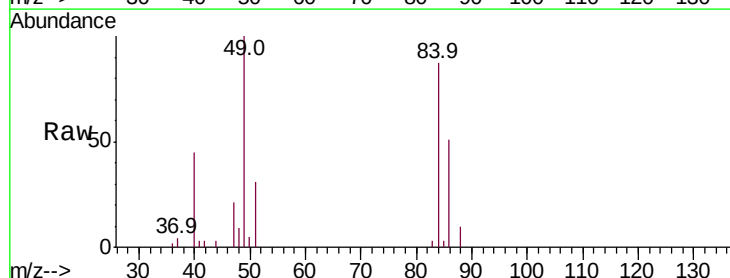
Ion Ratio Lower Upper

84 100

49 115.5 104.2 156.2

51 35.5 32.3 48.5

86 58.5 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

30000

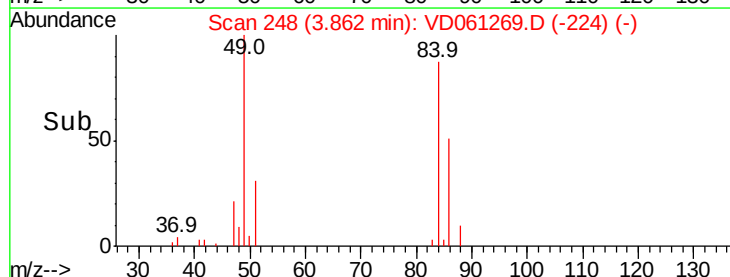
20000

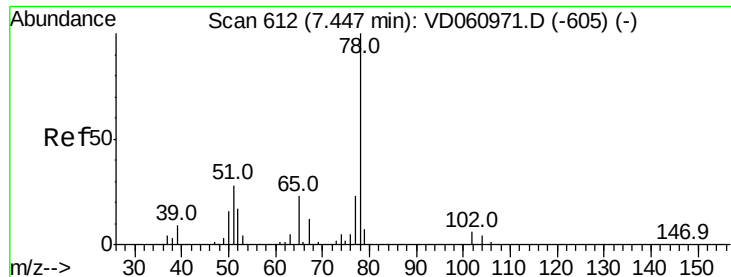
10000

0

Time-->

3.70 3.80 3.90 4.00

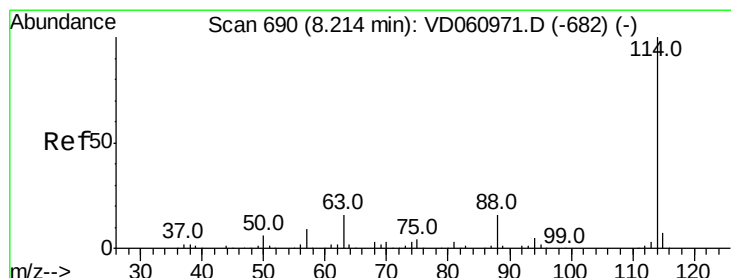
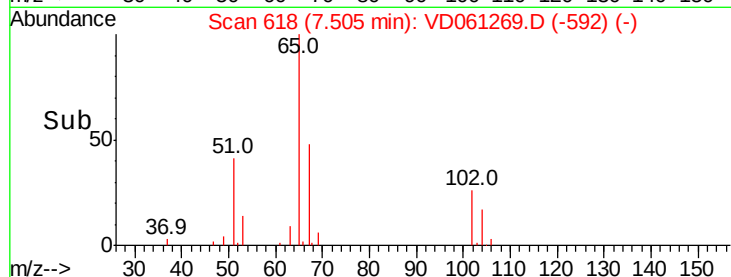
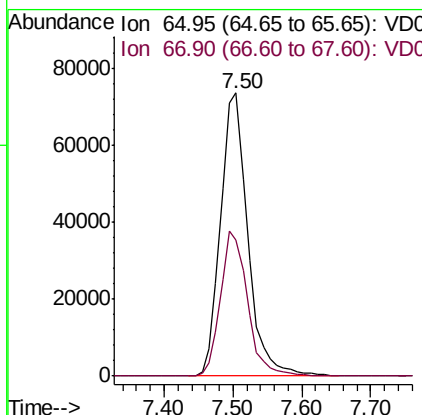
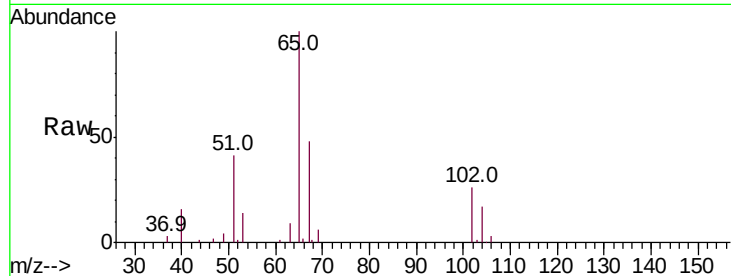




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.50 min Scan# 618
 Delta R.T. 0.06 min
 Lab File: VD061269.D
 Acq: 22 Mar 2019 19:05

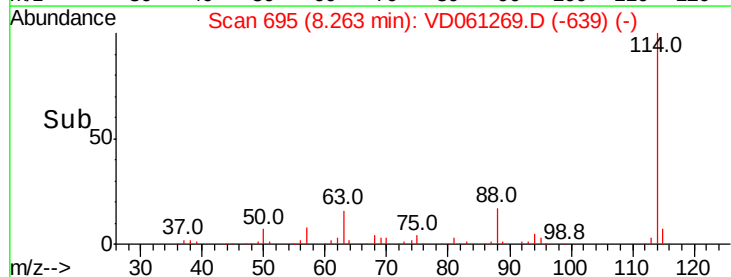
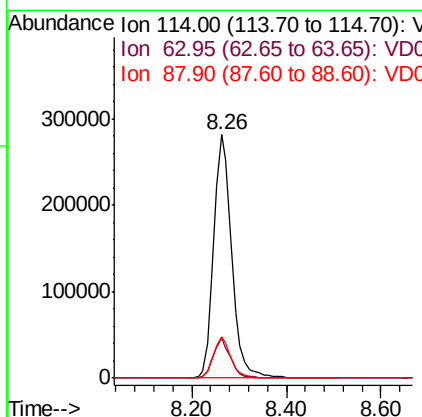
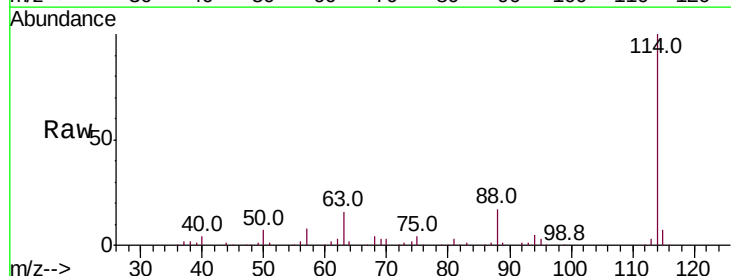
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23(0.5-1.5)RE

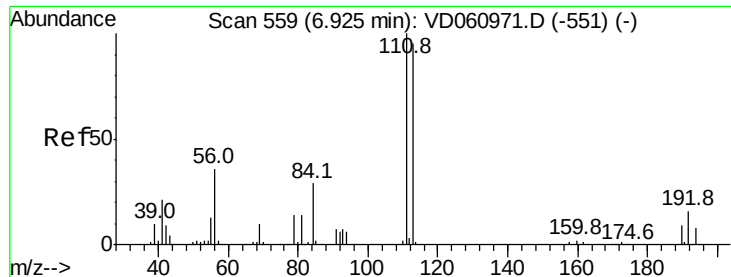
Tot Ion: 65 Resp: 201929
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 695
 Delta R.T. 0.05 min
 Lab File: VD061269.D
 Acq: 22 Mar 2019 19:05

Tgt Ion: 114 Resp: 745809
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.4
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.97 min Scan# 564

Delta R.T. 0.05 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

Instrument :

MSVOA_D

ClientSampleId :

SB-23(0.5-1.5)RE

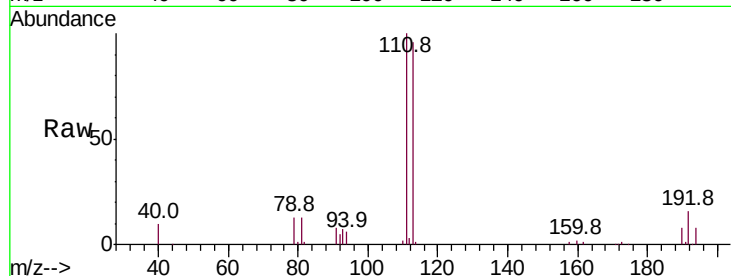
Tot Ion:113 Resp: 306078

Ion Ratio Lower Upper

113 100

111 104.6 84.2 126.4

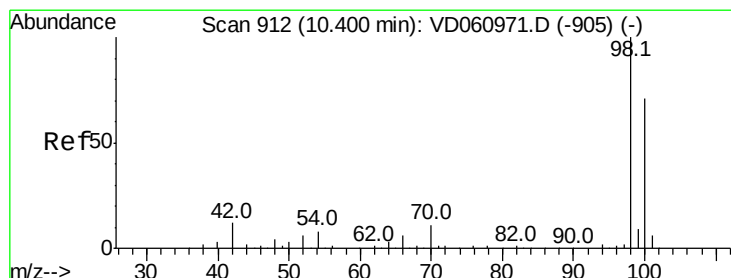
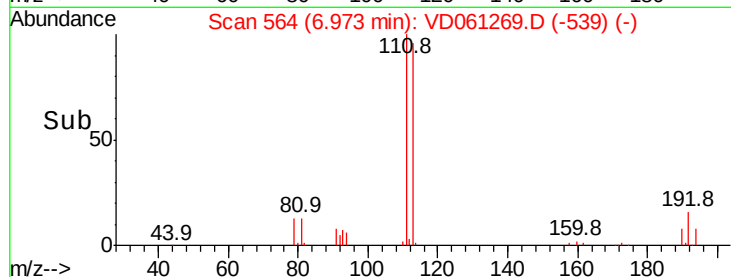
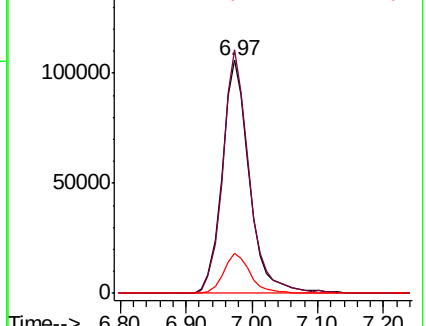
192 17.1 13.1 19.7



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: 10.45 min Scan# 917

Delta R.T. 0.05 min

Lab File: VD061269.D

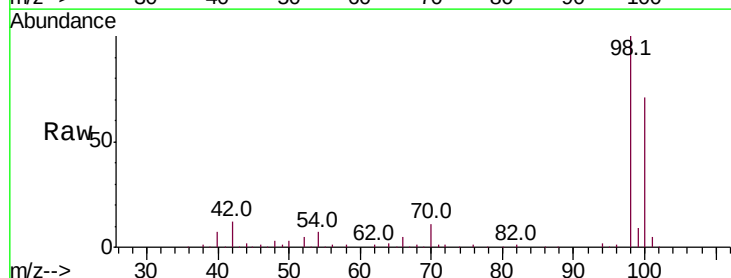
Acq: 22 Mar 2019 19:05

Tgt Ion: 98 Resp: 545291

Ion Ratio Lower Upper

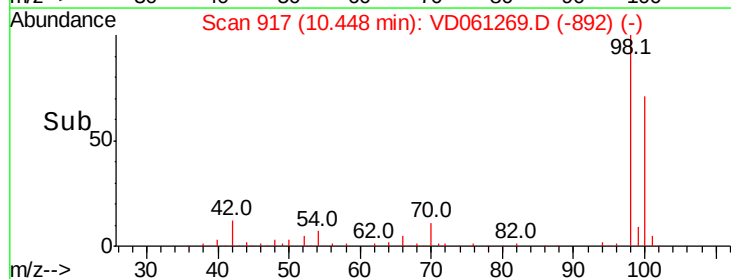
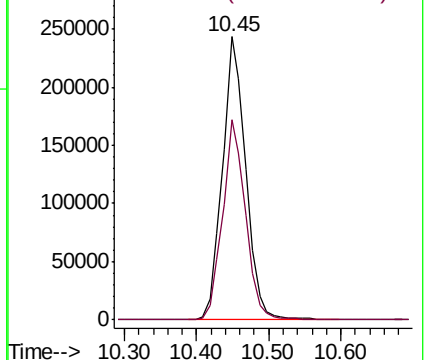
98 100

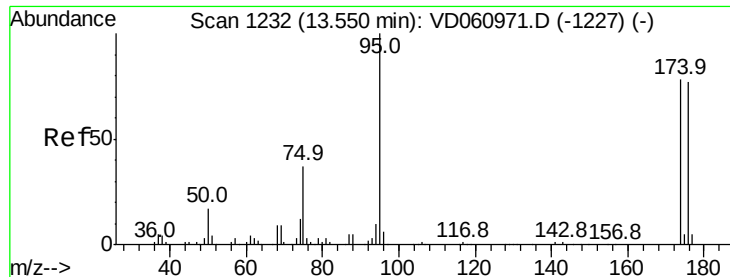
100 70.6 57.4 86.2



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: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

Instrument :

MSVOA_D

ClientSampleId :

SB-23(0.5-1.5)RE

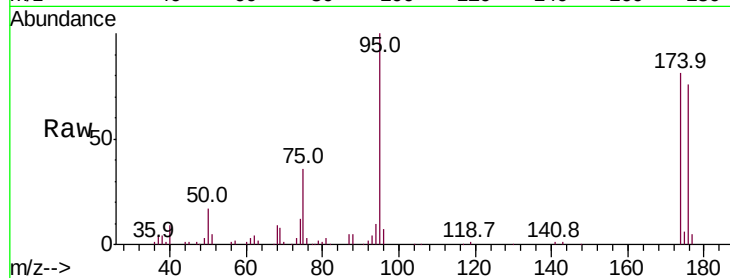
Tot Ion: 95 Resp: 169092

Ion Ratio Lower Upper

95 100

174 81.0 0.0 155.6

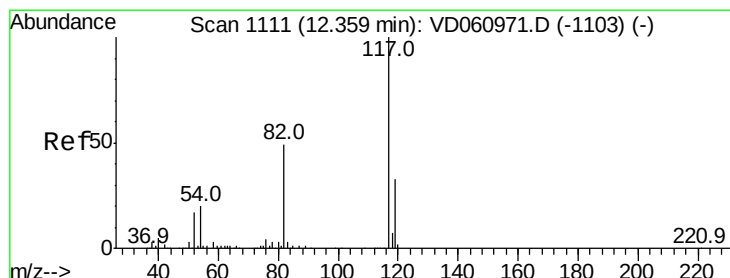
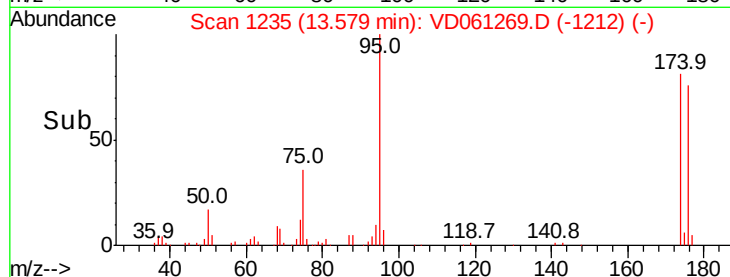
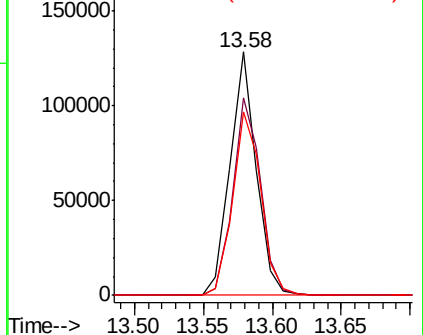
176 75.6 0.0 153.8



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: 12.40 min Scan# 1115

Delta R.T. 0.04 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

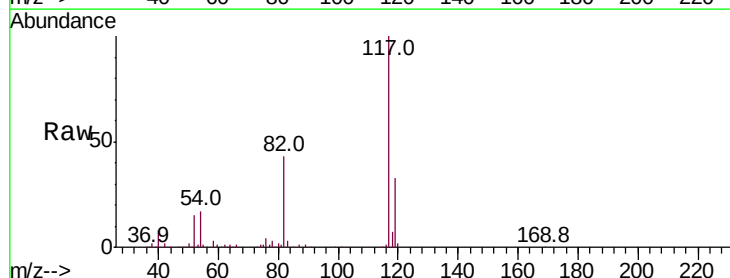
Tgt Ion: 117 Resp: 502740

Ion Ratio Lower Upper

117 100

82 42.5 38.9 58.3

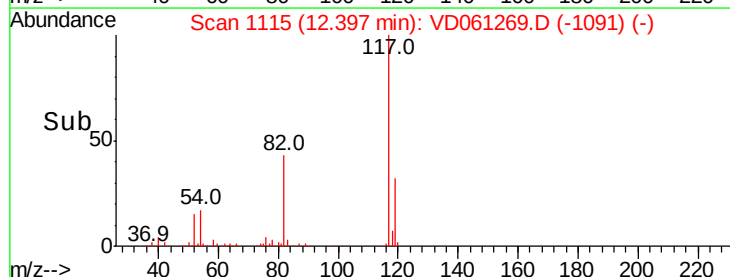
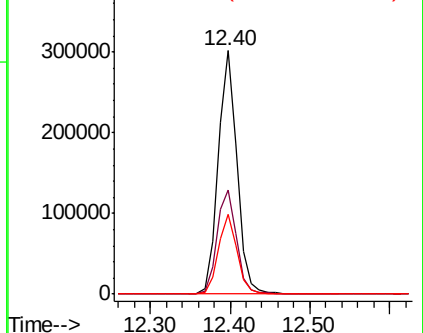
119 32.6 26.6 39.8

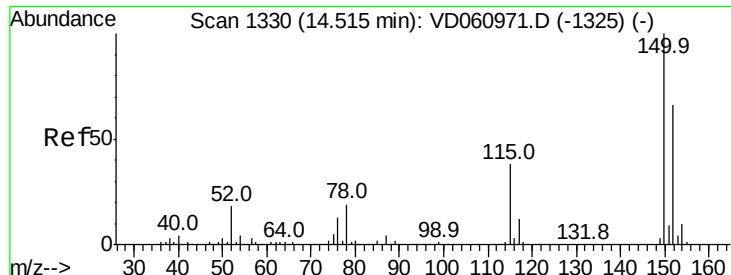


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.54 min Scan# 1333

Delta R.T. 0.03 min

Lab File: VD061269.D

Acq: 22 Mar 2019 19:05

Instrument :

MSVOA_D

ClientSampleId :

SB-23(0.5-1.5)RE

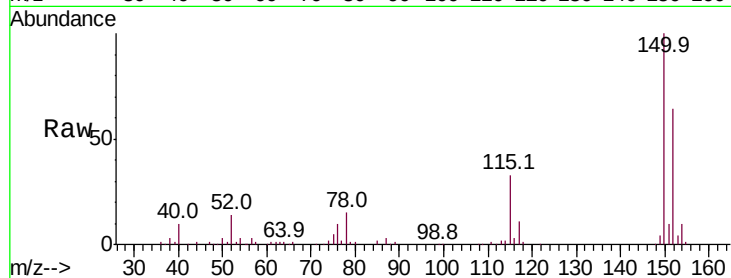
Tot Ion:152 Resp: 147842

Ion Ratio Lower Upper

152 100

115 51.9 28.6 85.9

150 155.5 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

