

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061071.D
 Acq On : 14 Mar 2019 18:13
 Operator : VA/AP
 Sample : K1901-07
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(0.5-1.5)

Quant Time: Mar 15 03:39:45 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

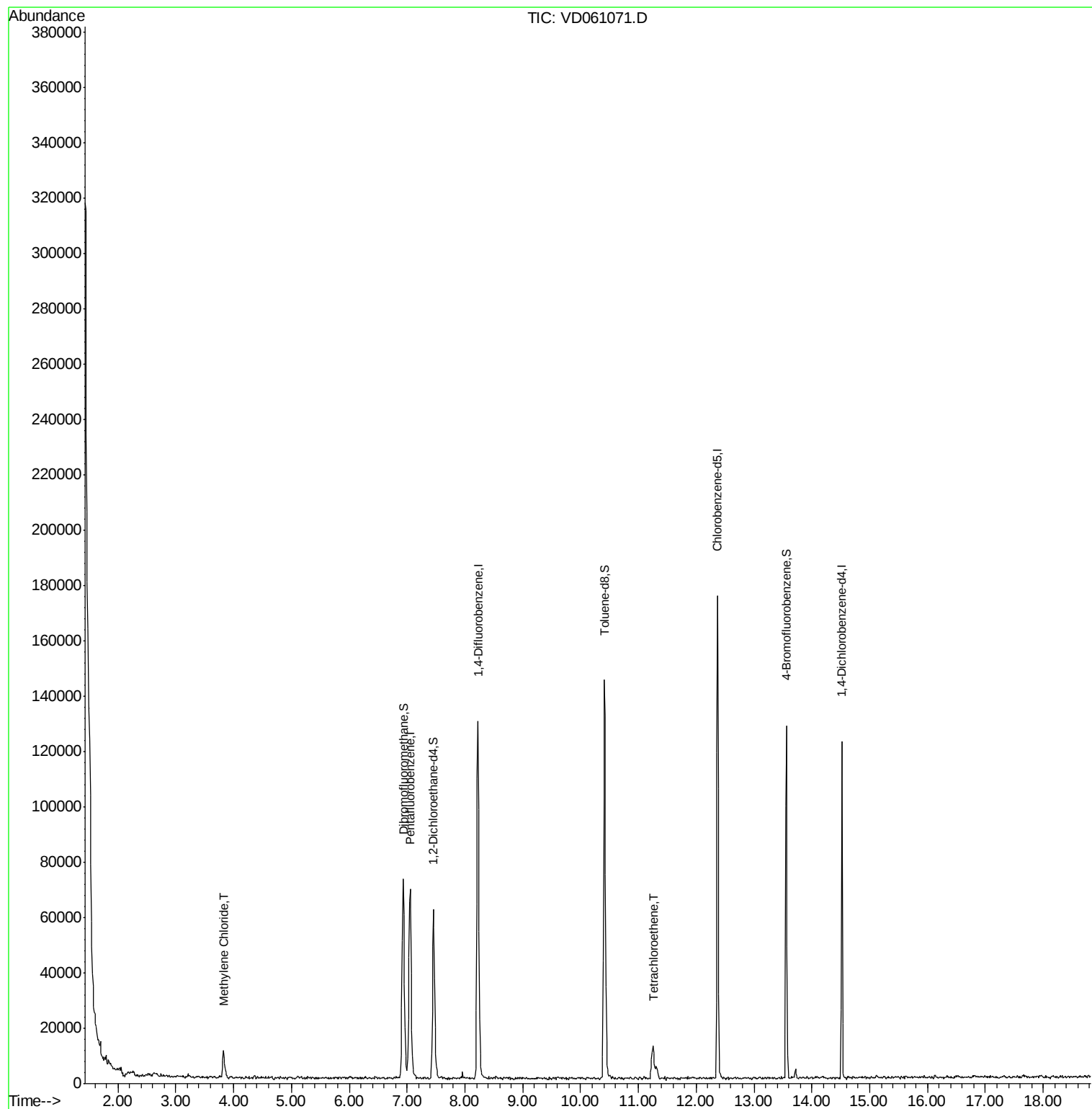
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	78479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	161023	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	111768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	31509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	59440	90.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.98%	
35) Dibromofluoromethane	6.93	113	73630	61.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.22%	
50) Toluene-d8	10.41	98	132471	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	13.56	95	42699	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
Target Compounds						
20) Methylene Chloride	3.82	84	6844	3.718	ug/l #	87
64) Tetrachloroethene	11.26	164	1371	1.817	ug/l #	62

(#) = 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# 572

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

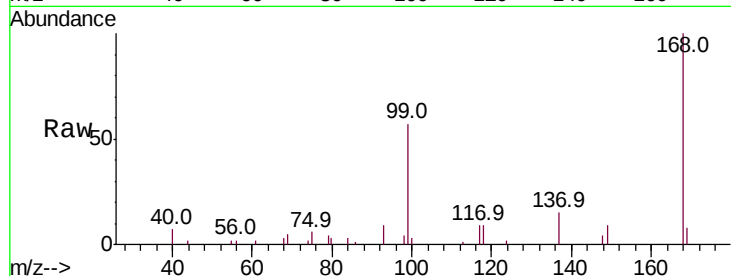
SB-6(0.5-1.5)

Tot Ion:168 Resp: 78479

Ion Ratio Lower Upper

168 100

99 57.4 47.3 70.9

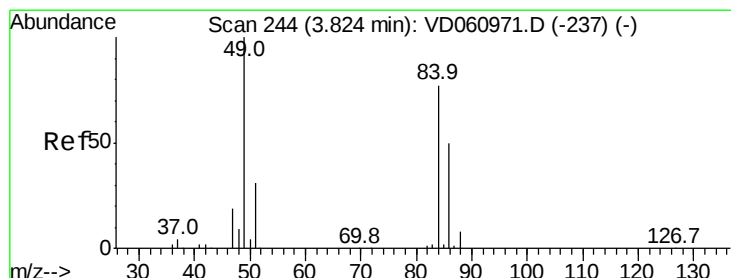
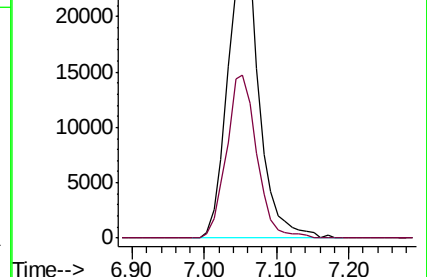
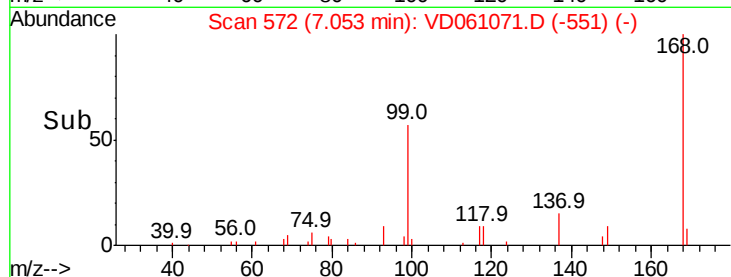


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

Time-->



#20

Methylene Chloride

Concen: 3.718 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.00 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Tgt Ion: 84 Resp: 6844

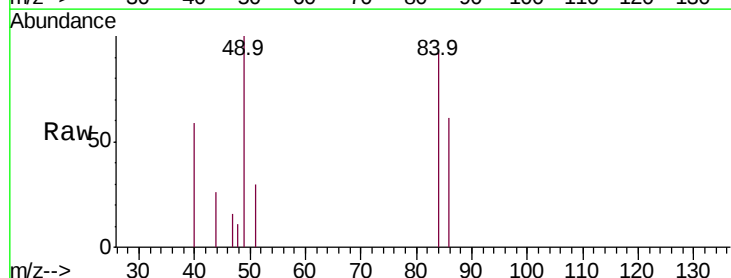
Ion Ratio Lower Upper

84 100

49 108.3 104.2 156.2

51 32.2 32.3 48.5#

86 66.1 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC

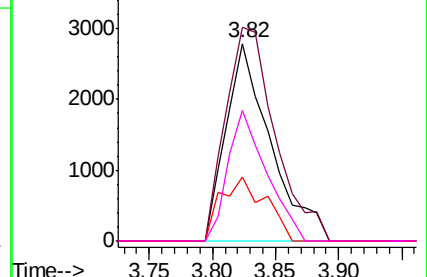
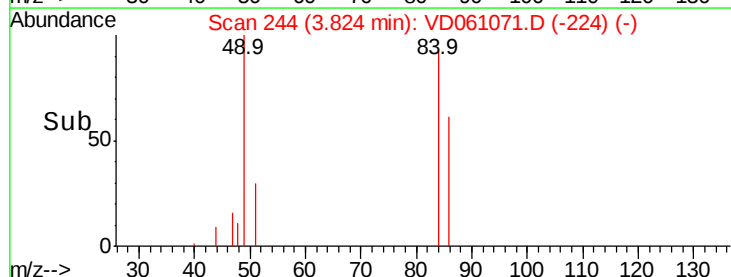
Ion 48.90 (48.60 to 49.60): VDC

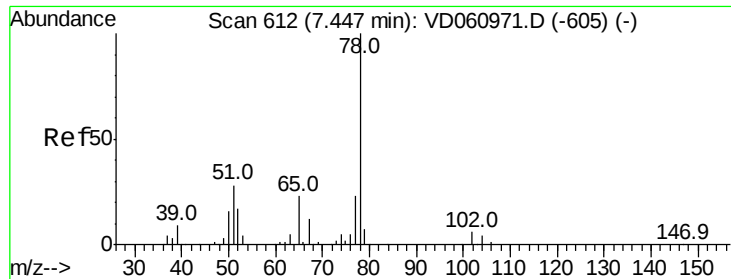
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.82

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

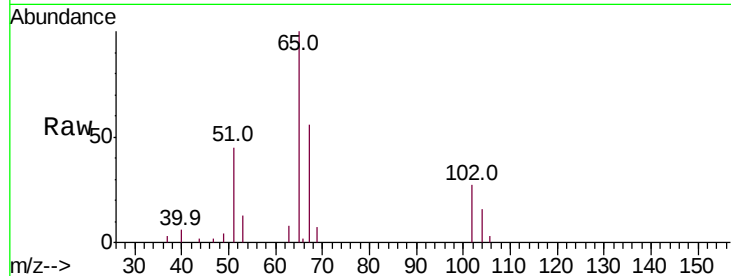
SB-6(0.5-1.5)

Tot Ion: 65 Resp: 59440

Ion Ratio Lower Upper

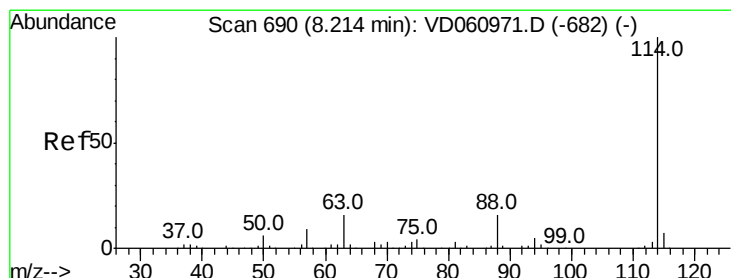
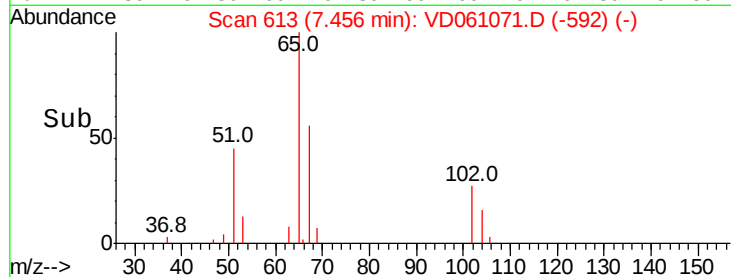
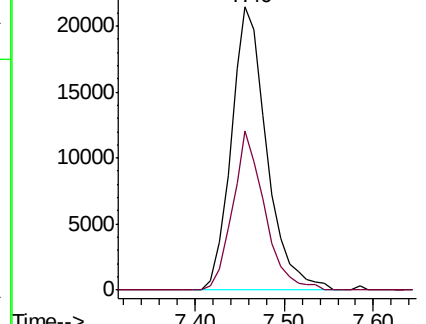
65 100

67 56.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

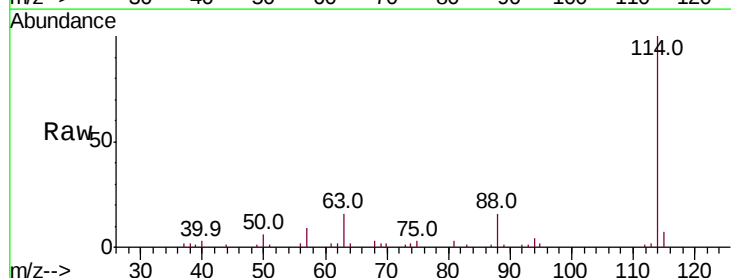
Tgt Ion: 114 Resp: 161023

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

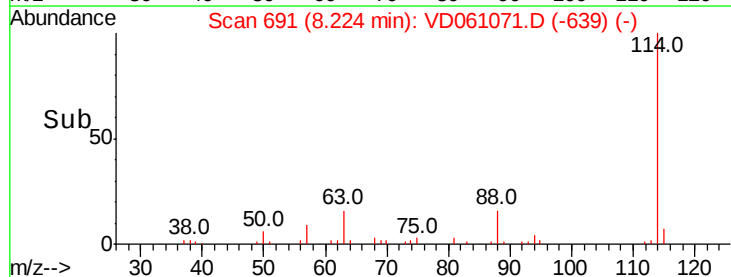
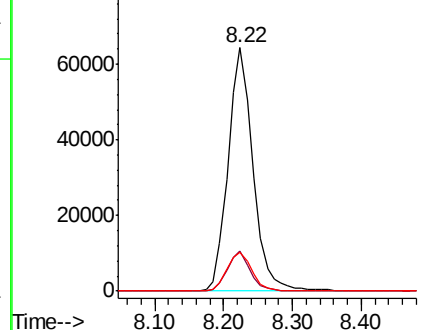
88 15.8 0.0 33.0

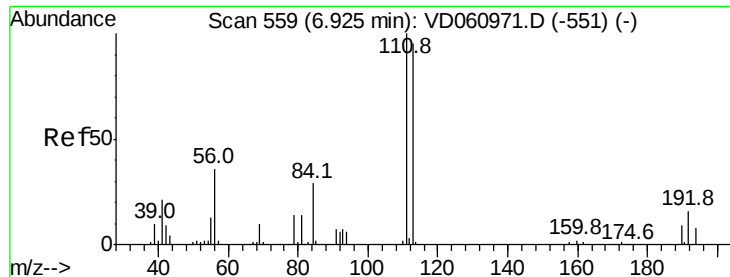


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

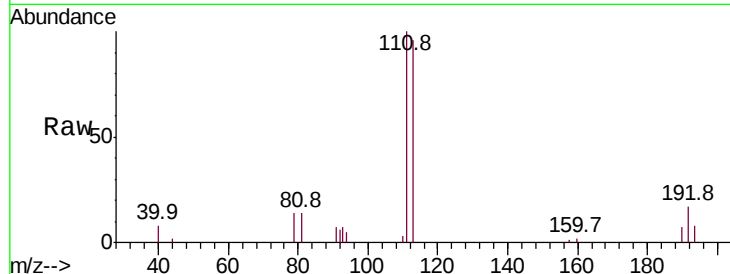




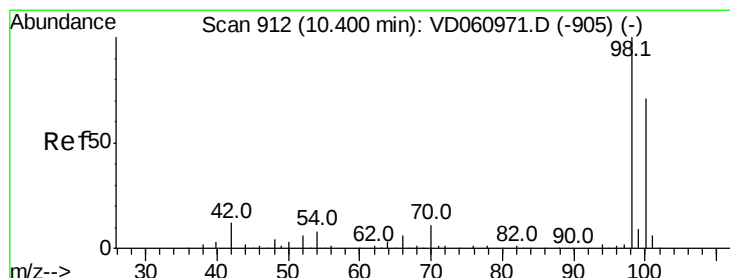
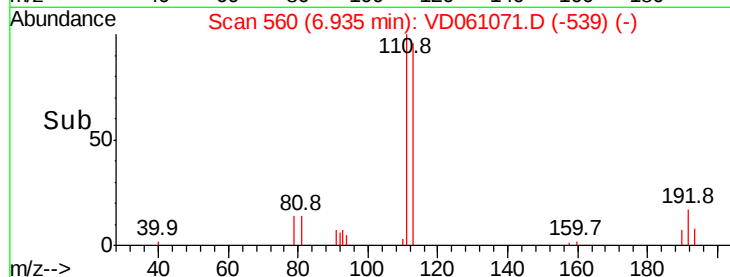
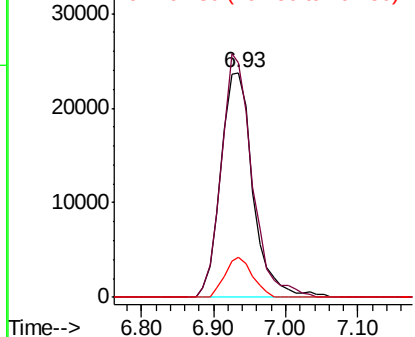
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

Instrument :
MSVOA_D
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion:113 Resp: 73630
Ion Ratio Lower Upper
113 100
111 104.6 84.2 126.4
192 18.1 13.1 19.7

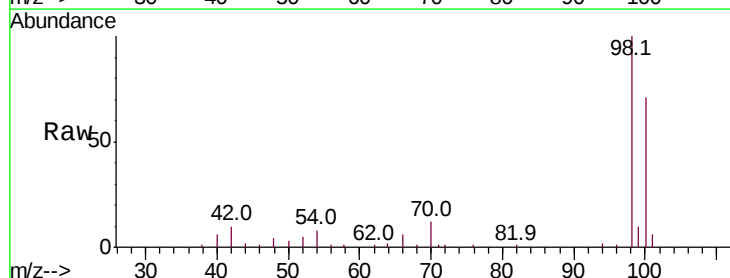


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

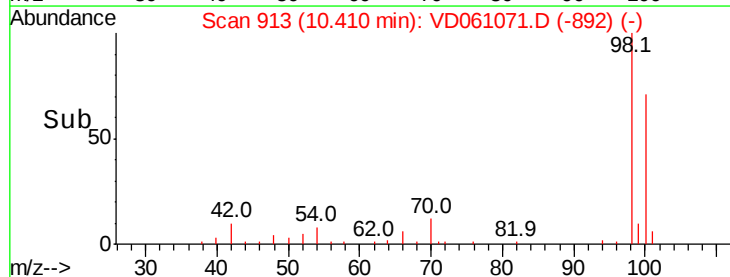
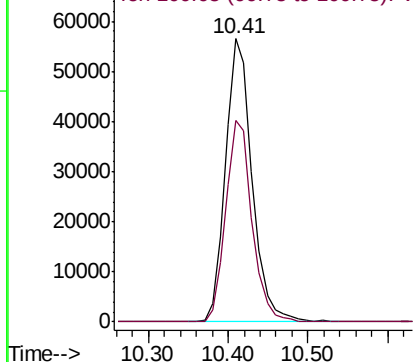


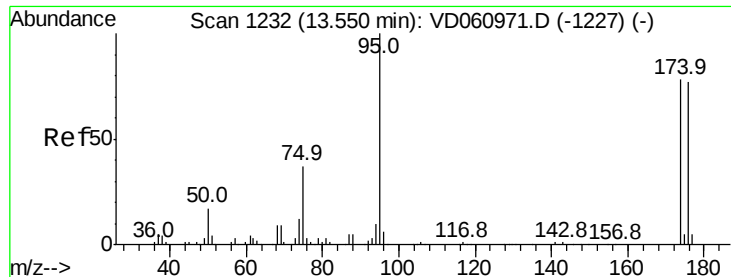
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061071.D
Acq: 14 Mar 2019 18:13

Tgt Ion: 98 Resp: 132471
Ion Ratio Lower Upper
98 100
100 71.2 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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-6(0.5-1.5)

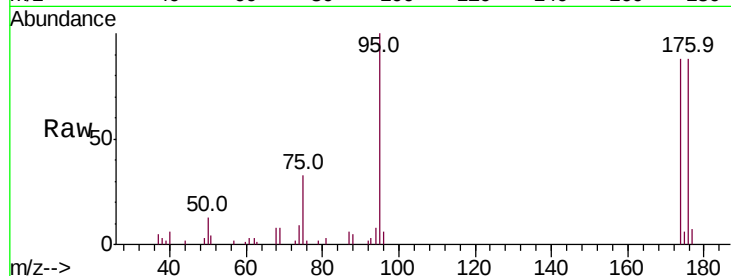
Tot Ion: 95 Resp: 42699

Ion Ratio Lower Upper

95 100

174 87.7 0.0 155.6

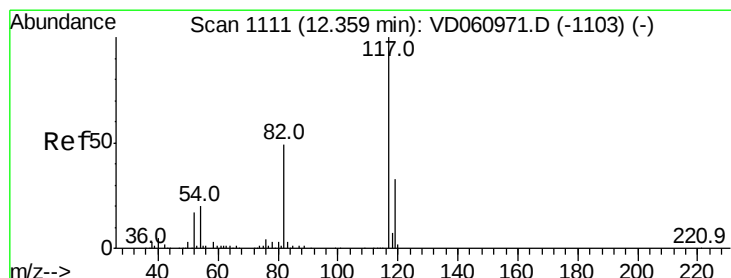
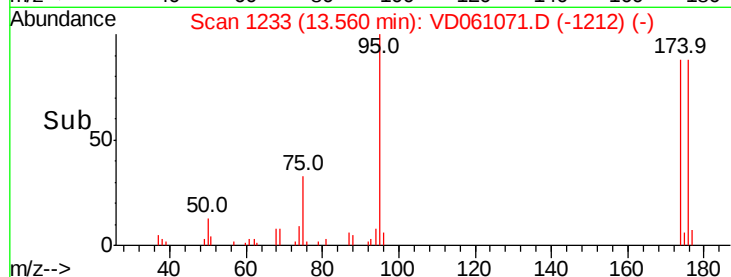
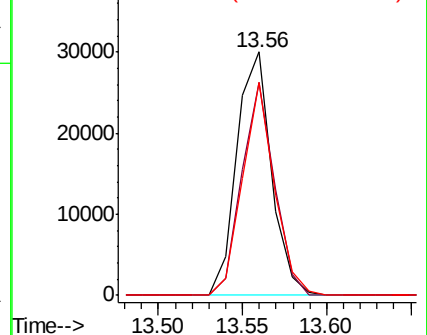
176 87.5 0.0 153.8



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: VD061071.D

Acq: 14 Mar 2019 18:13

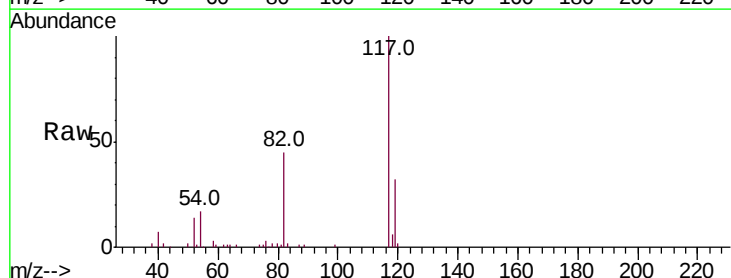
Tgt Ion: 117 Resp: 111768

Ion Ratio Lower Upper

117 100

82 44.6 38.9 58.3

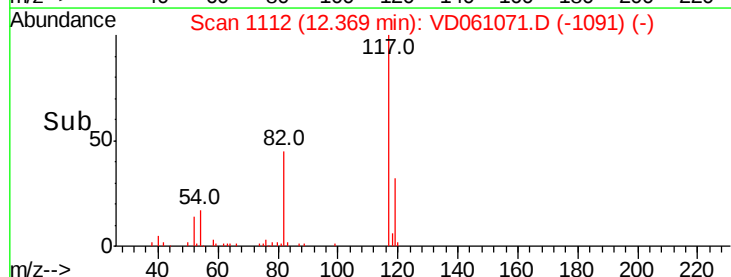
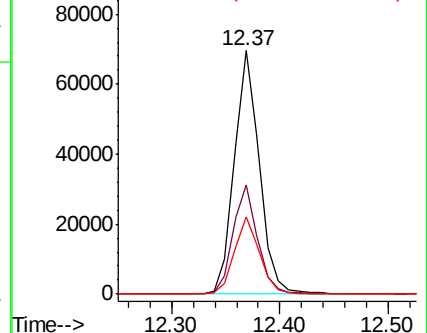
119 31.5 26.6 39.8

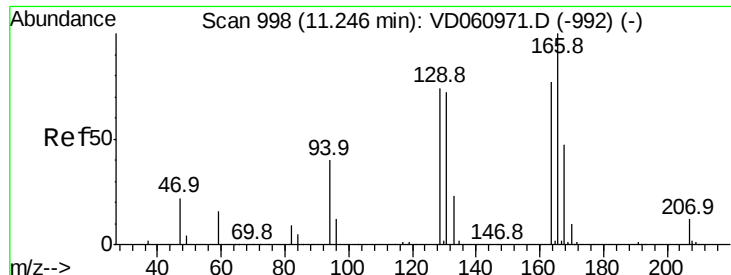


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 1.817 ug/l

RT: 11.26 min Scan# 999

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-6(0.5-1.5)

Tot Ion:164 Resp: 1371

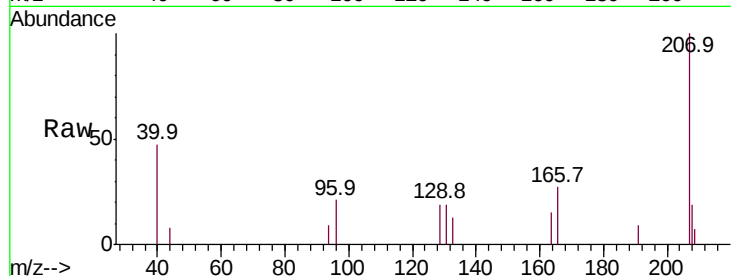
Ion Ratio Lower Upper

164 100

166 180.5 103.4 155.0#

129 128.4 76.9 115.3#

131 125.2 74.4 111.6#

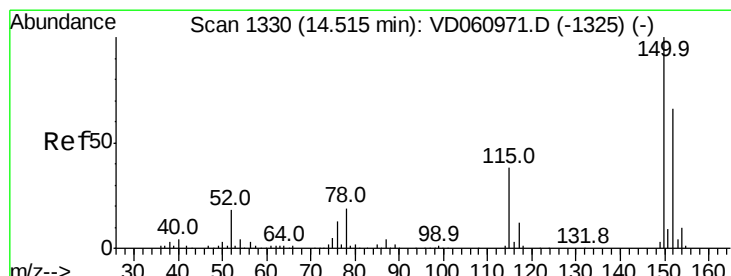
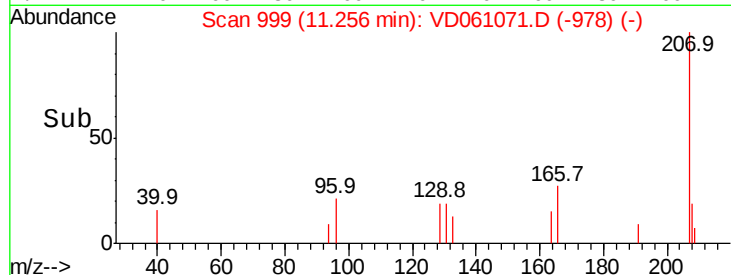
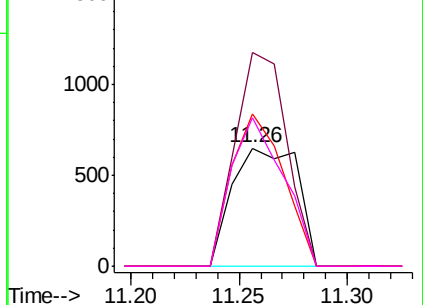


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061071.D

Acq: 14 Mar 2019 18:13

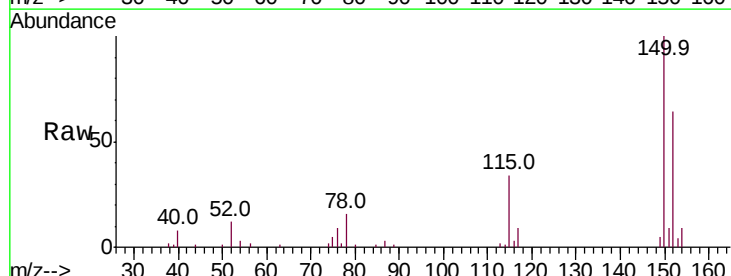
Tgt Ion:152 Resp: 31509

Ion Ratio Lower Upper

152 100

115 53.0 28.6 85.9

150 155.6 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

