

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061073.D
 Acq On : 14 Mar 2019 19:08
 Operator : VA/AP
 Sample : K1901-09
 Misc : 4.06g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(0.5-1.5)

Quant Time: Mar 15 03:42:28 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

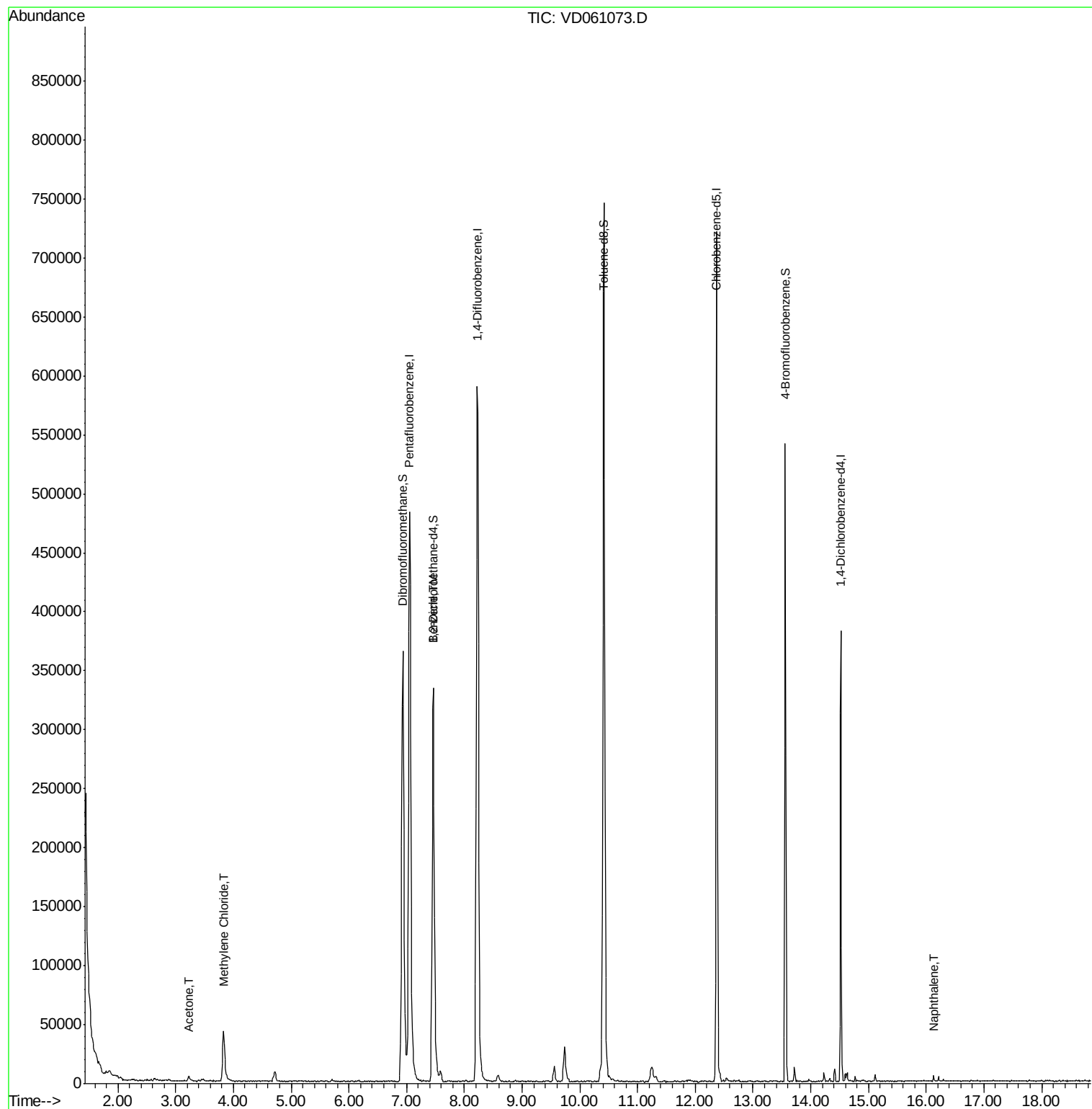
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	495783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	779240	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	464101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	93813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	233286	56.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	6.93	113	359984	62.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.50%	
50) Toluene-d8	10.42	98	666763	45.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.82%	
62) 4-Bromofluorobenzene	13.56	95	164043	29.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.22%	
Target Compounds						
16) Acetone	3.23	43	7915	6.707	ug/l	98
20) Methylene Chloride	3.82	84	33657	1.755	ug/l	94
40) Benzene	7.46	78	117747	7.015	ug/l	99
95) Naphthalene	16.13	128	4173	2.304	ug/l #	92

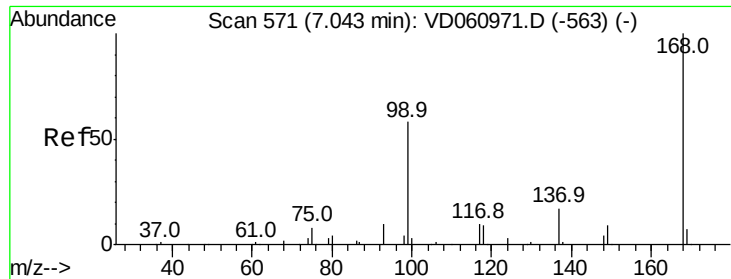
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD061073.D

Acq: 14 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

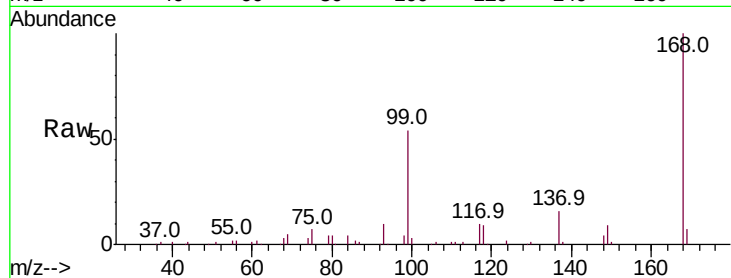
SB-16(0.5-1.5)

Tot Ion:168 Resp: 495783

Ion Ratio Lower Upper

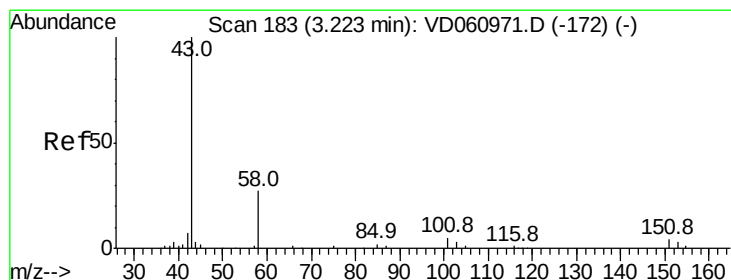
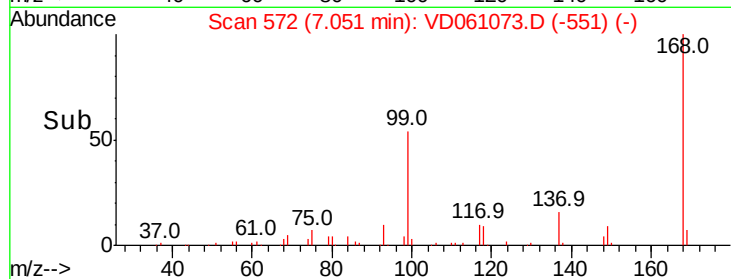
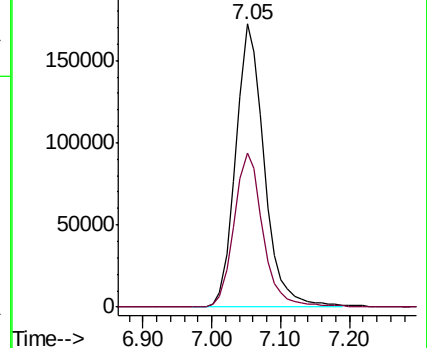
168 100

99 54.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 6.707 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061073.D

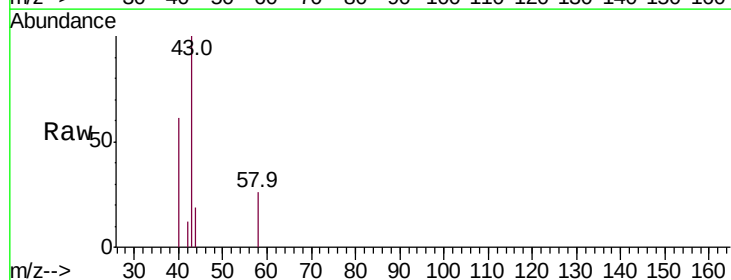
Acq: 14 Mar 2019 19:08

Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

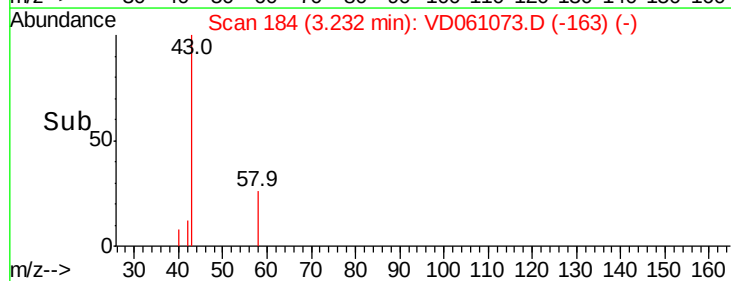
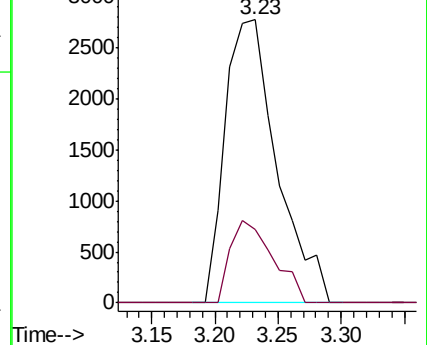
43 100

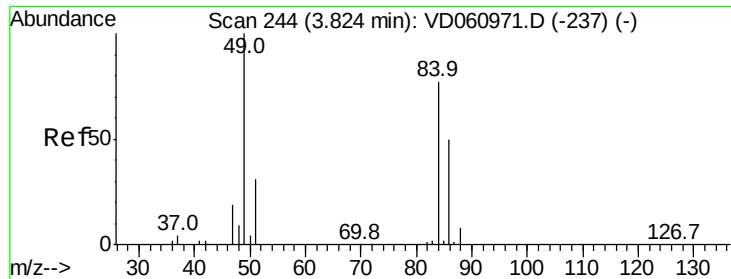
58 26.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

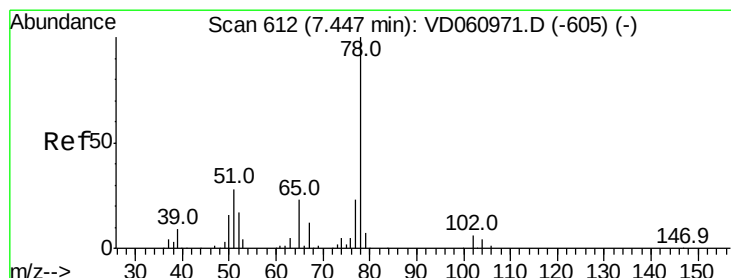
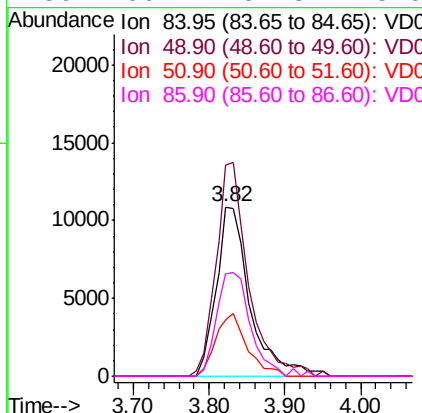
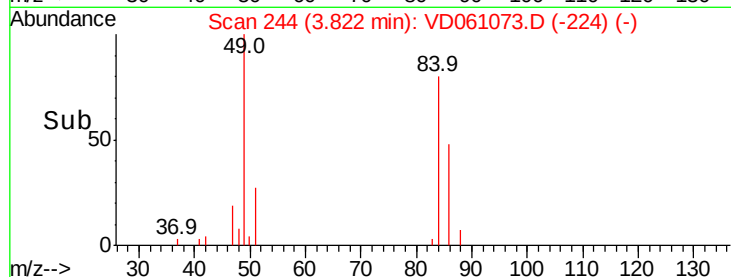
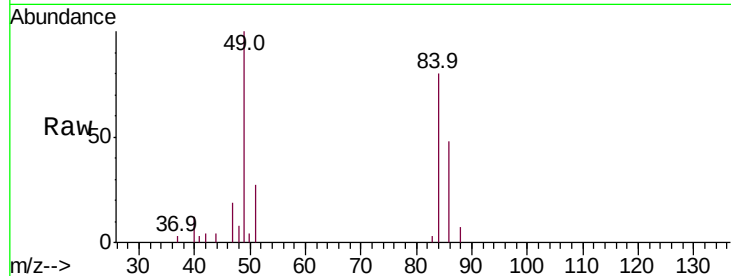




#20
Methylene Chloride
Concen: 1.755 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061073.D
Acq: 14 Mar 2019 19:08

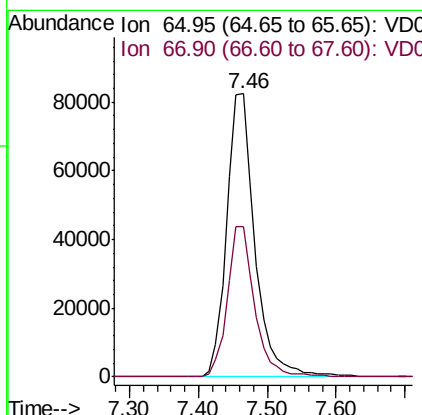
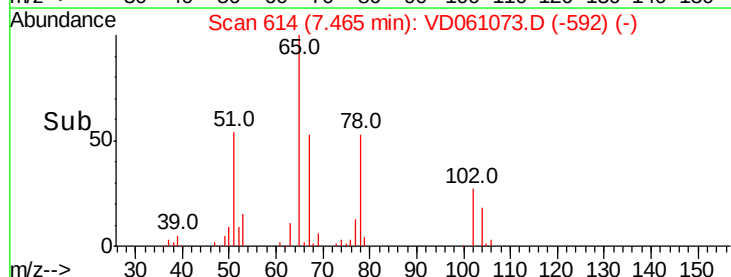
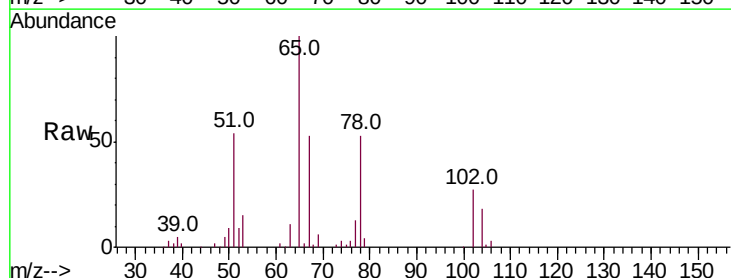
Instrument :
MSVOA_D
ClientSampleId :
SB-16(0.5-1.5)

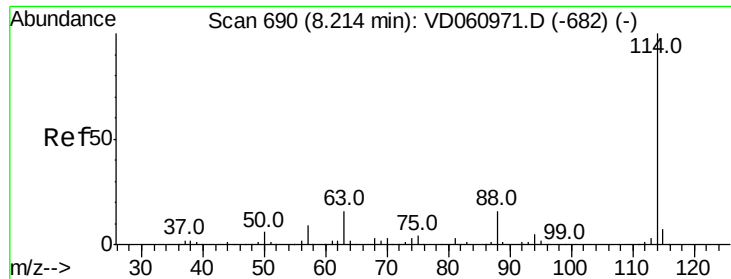
Tot Ion: 84 Resp: 33657
Ion Ratio Lower Upper
84 100
49 125.0 104.2 156.2
51 33.2 32.3 48.5
86 60.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061073.D
Acq: 14 Mar 2019 19:08

Tgt Ion: 65 Resp: 233286
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

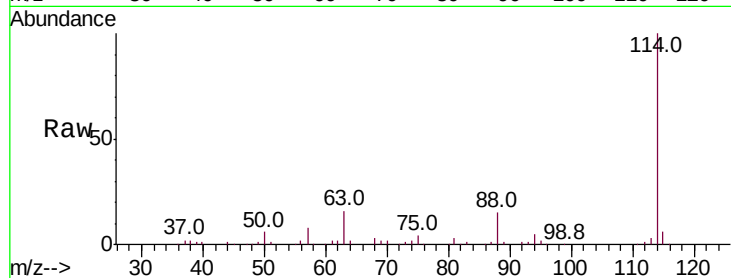




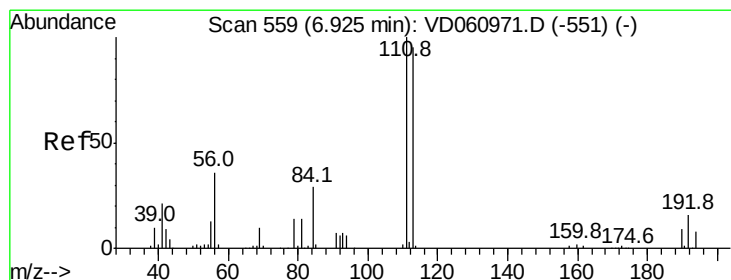
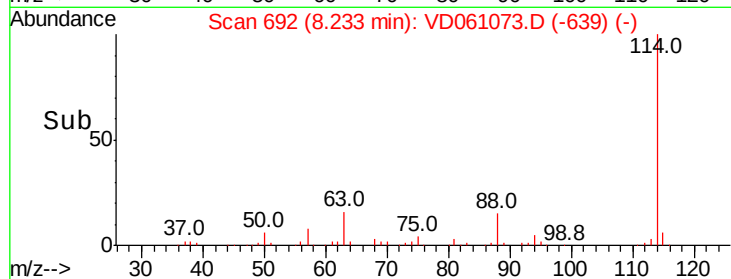
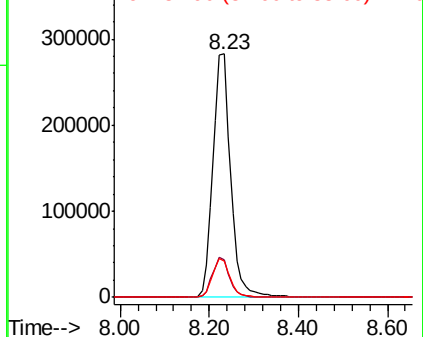
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061073.D
 Acq: 14 Mar 2019 19:08

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16(0.5-1.5)

Tot Ion:114 Resp: 779240
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 14.9 0.0 33.0

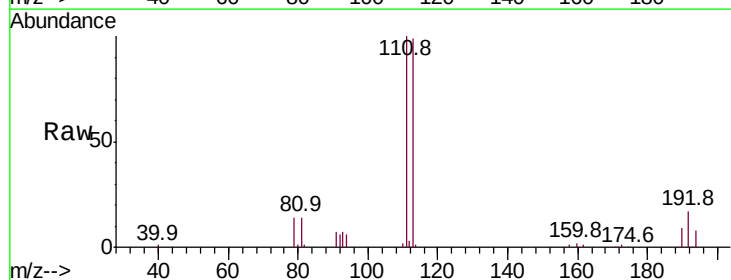


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

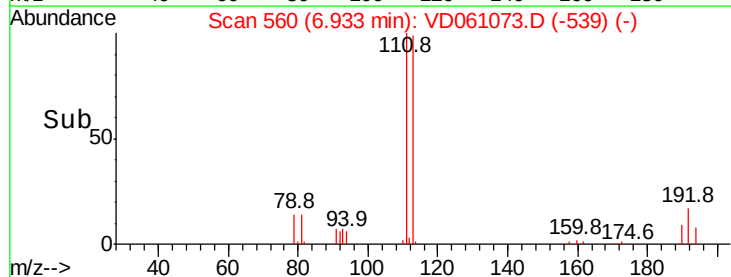
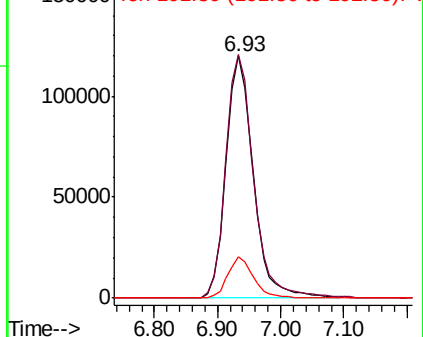


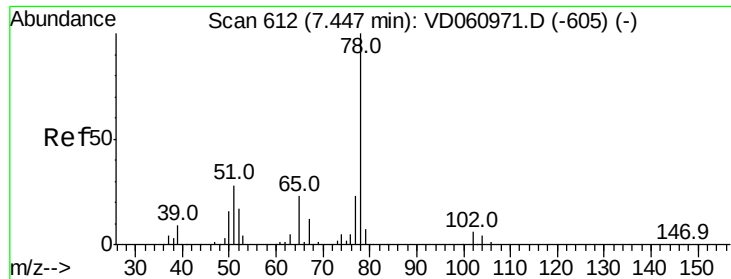
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061073.D
 Acq: 14 Mar 2019 19:08

Tgt Ion:113 Resp: 359984
 Ion Ratio Lower Upper
 113 100
 111 100.6 84.2 126.4
 192 17.2 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: 7.015 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061073.D

Acq: 14 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

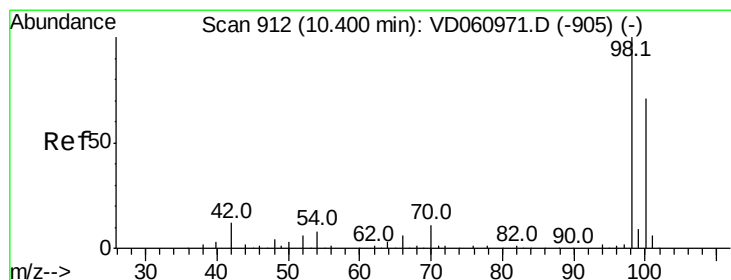
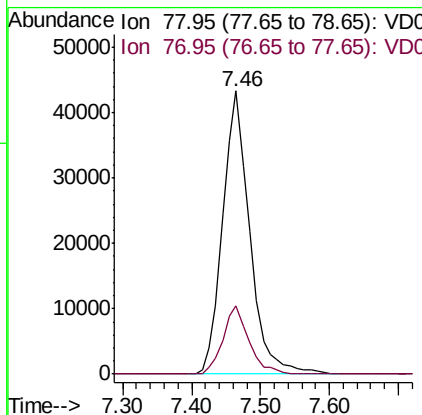
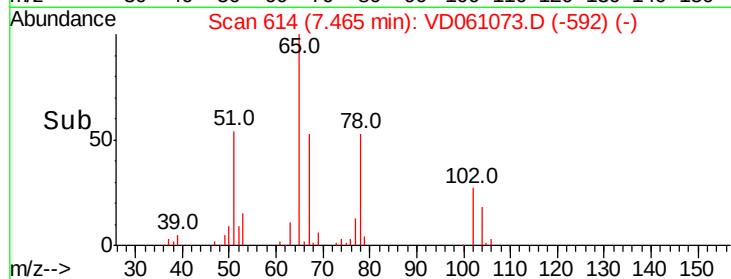
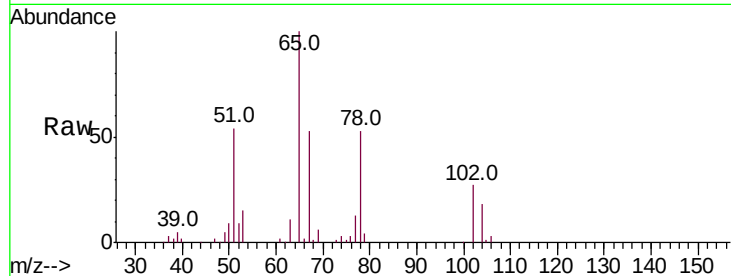
SB-16(0.5-1.5)

Tot Ion: 78 Resp: 117747

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061073.D

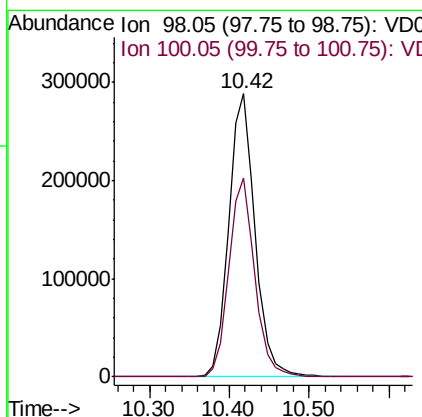
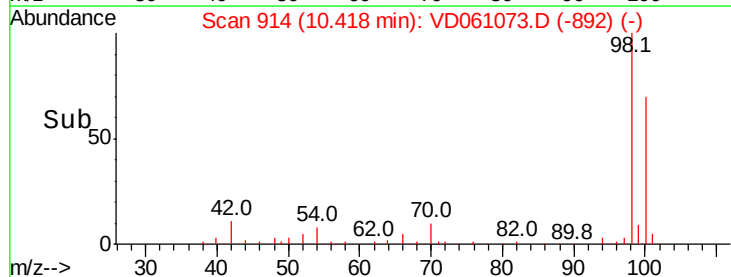
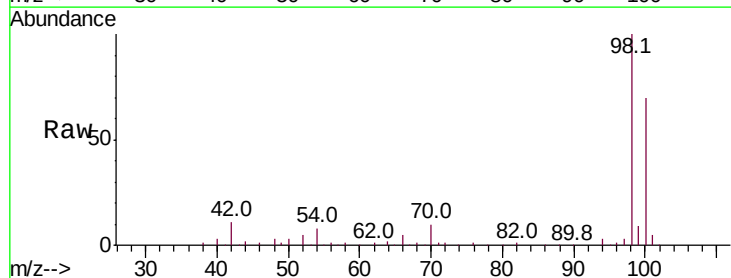
Acq: 14 Mar 2019 19:08

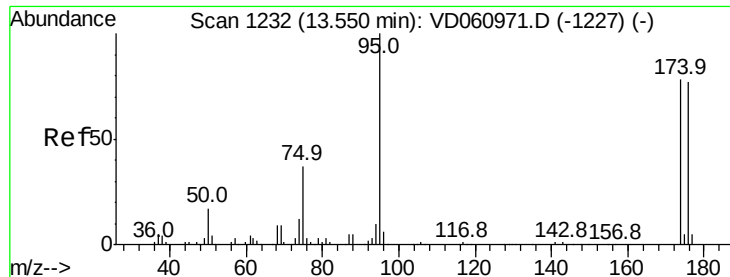
Tgt Ion: 98 Resp: 666763

Ion Ratio Lower Upper

98 100

100 70.1 57.4 86.2





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061073.D

Acq: 14 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

SB-16(0.5-1.5)

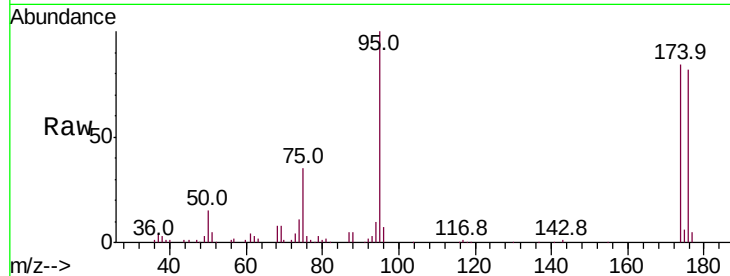
Tot Ion: 95 Resp: 164043

Ion Ratio Lower Upper

95 100

174 84.0 0.0 155.6

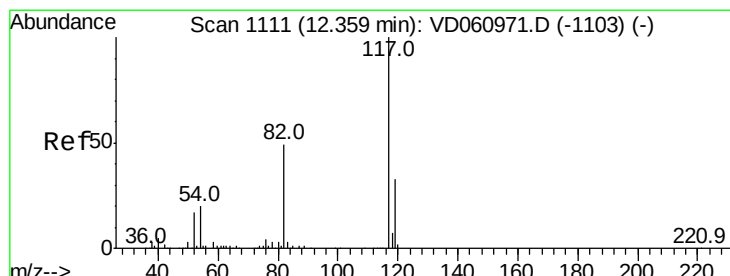
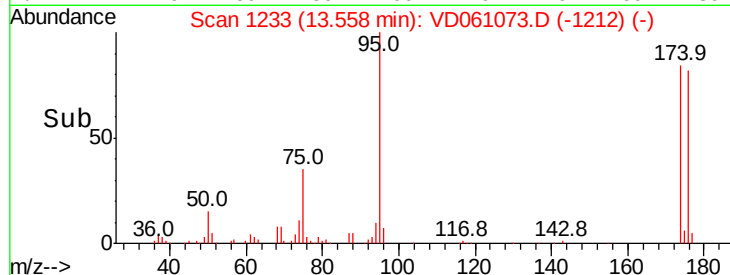
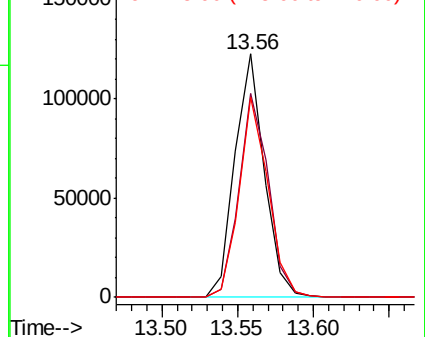
176 82.4 0.0 153.8



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: VD061073.D

Acq: 14 Mar 2019 19:08

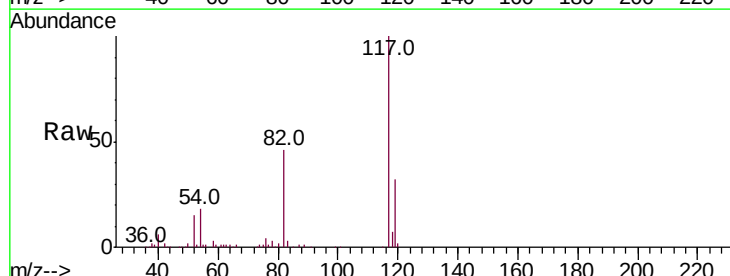
Tgt Ion: 117 Resp: 464101

Ion Ratio Lower Upper

117 100

82 46.1 38.9 58.3

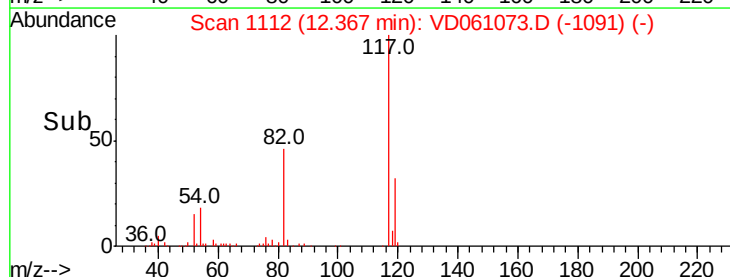
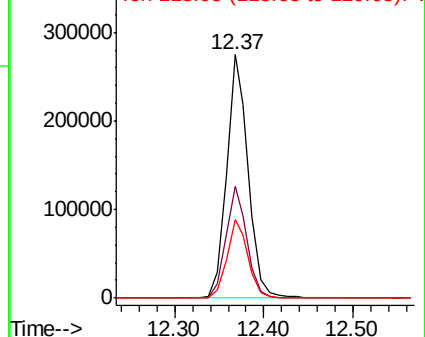
119 32.3 26.6 39.8

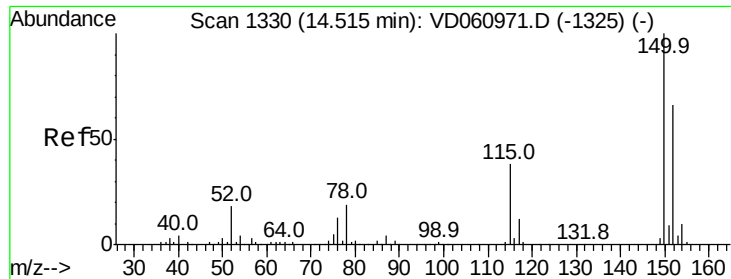


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. 0.01 min

Lab File: VD061073.D

Acq: 14 Mar 2019 19:08

Instrument :

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ClientSampleId :

SB-16(0.5-1.5)

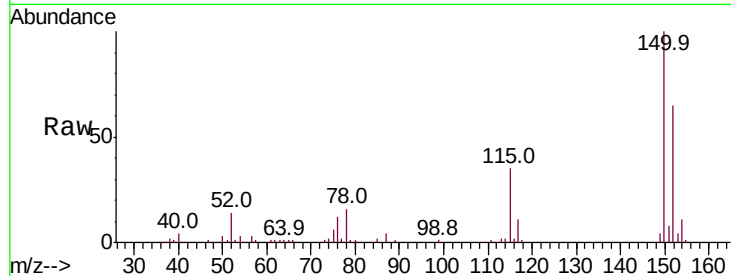
Tot Ion:152 Resp: 93813

Ion Ratio Lower Upper

152 100

115 52.9 28.6 85.9

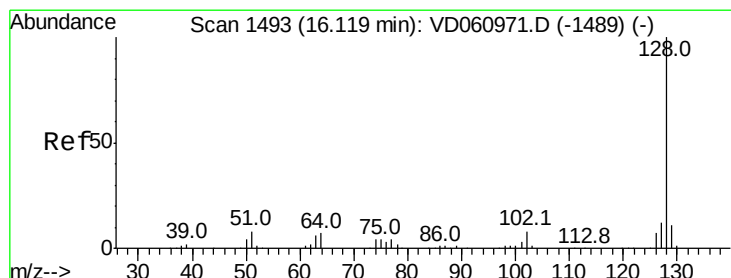
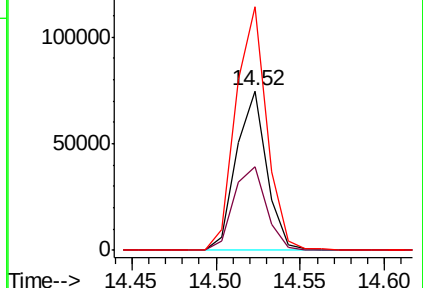
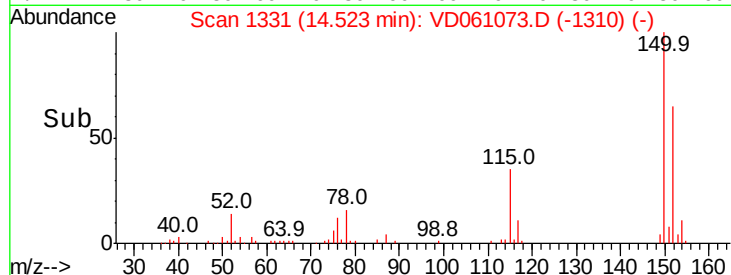
150 153.0 0.0 310.6



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



#95

Naphthalene

Concen: 2.304 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061073.D

Acq: 14 Mar 2019 19:08

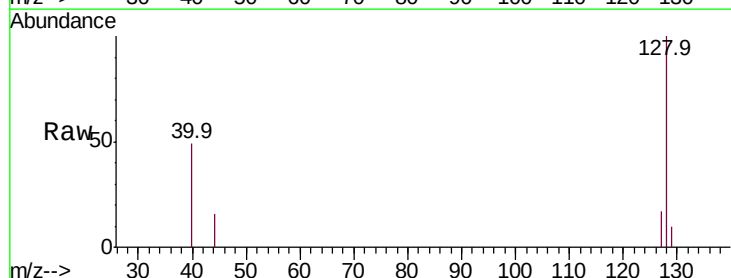
Tgt Ion:128 Resp: 4173

Ion Ratio Lower Upper

128 100

127 17.3 9.8 14.8#

129 9.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

