

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061190.D
 Acq On : 19 Mar 2019 17:34
 Operator : VA/AP
 Sample : K1935-04RE
 Misc : 2.94g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 20 02:12:57 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

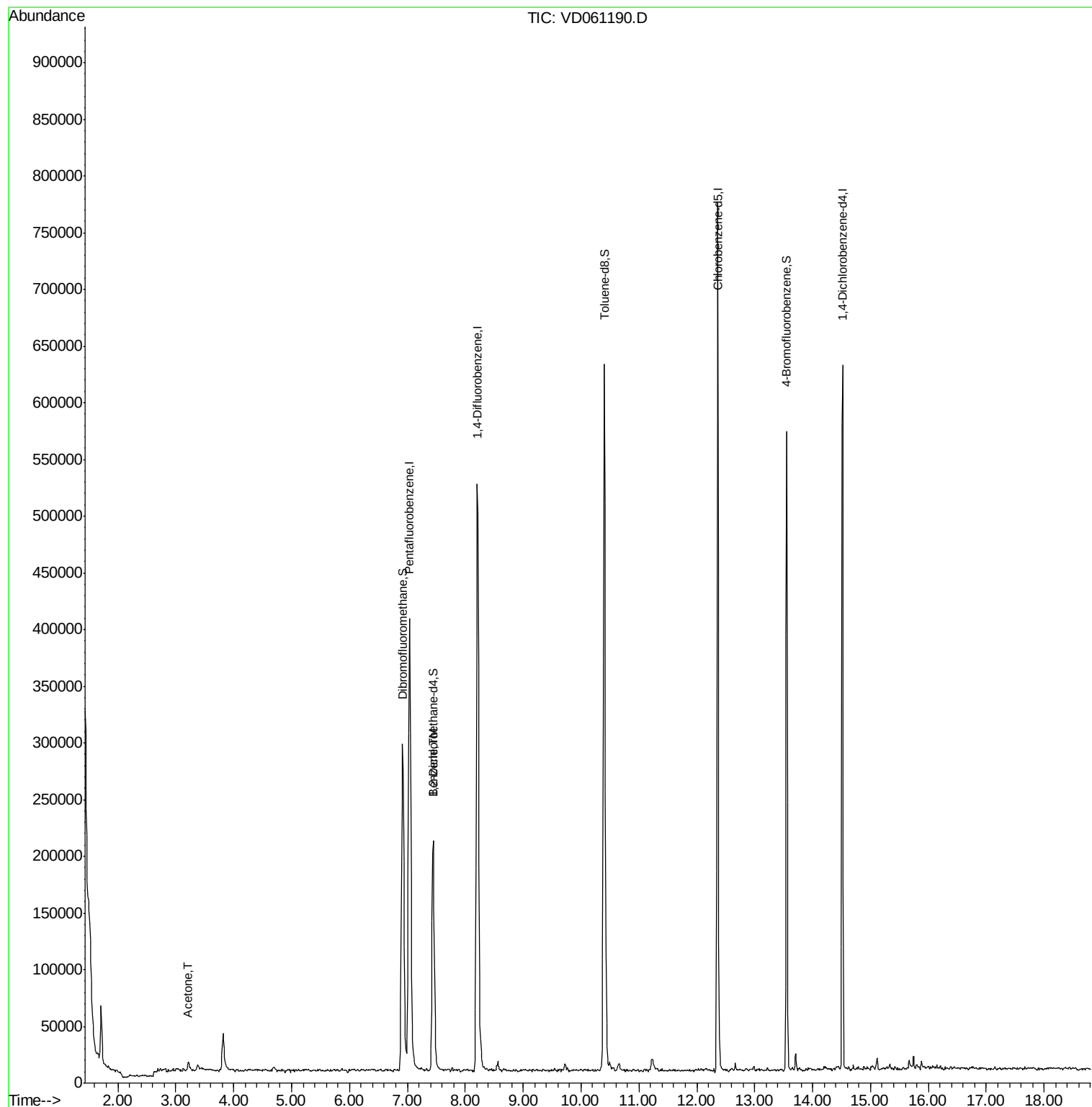
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	434407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	689733	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	485494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	156770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	186626	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	6.92	113	288723	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
50) Toluene-d8	10.40	98	591923	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
62) 4-Bromofluorobenzene	13.55	95	177260	35.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.08%	
Target Compounds						
16) Acetone	3.22	43	12455	12.045	ug/l	92
40) Benzene	7.45	78	19205	1.293	ug/l	99

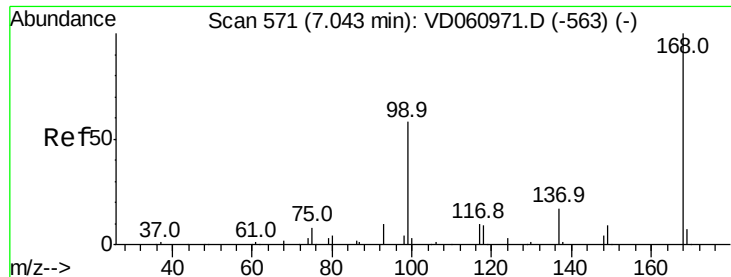
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

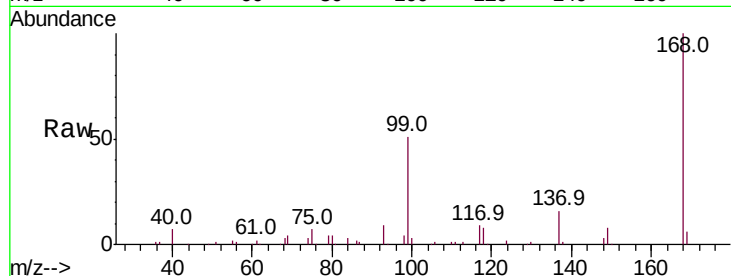
SB-5(13-14)RE

Tot Ion:168 Resp: 434407

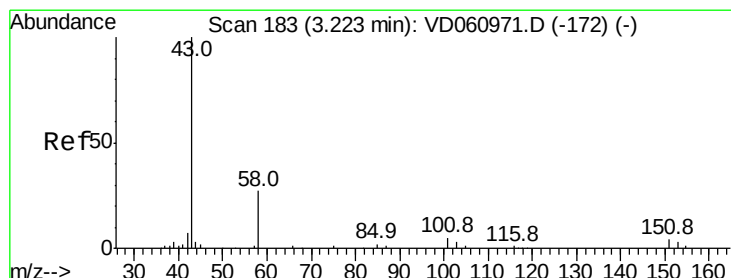
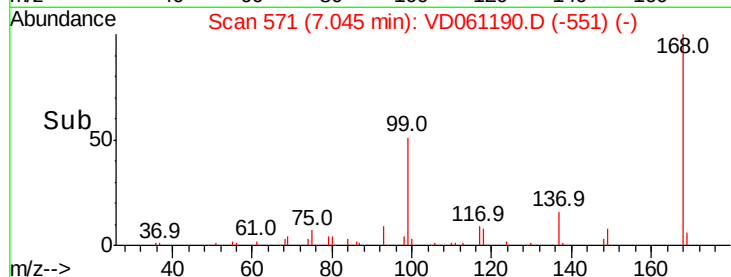
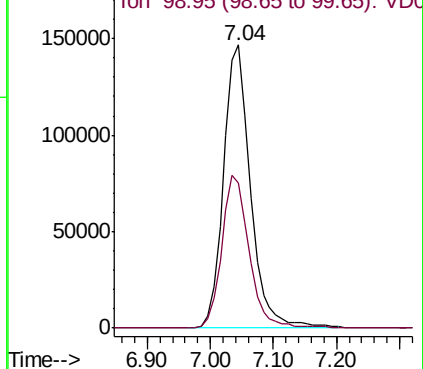
Ion Ratio Lower Upper

168 100

99 51.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 12.045 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061190.D

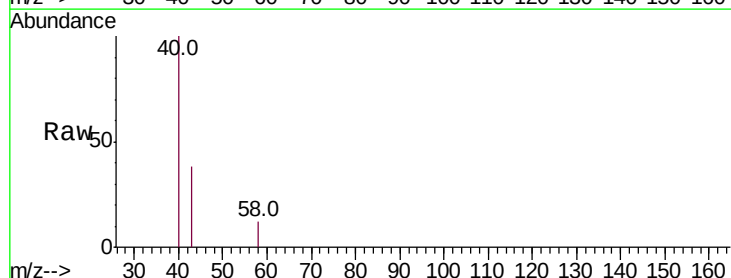
Acq: 19 Mar 2019 17:34

Tgt Ion: 43 Resp: 12455

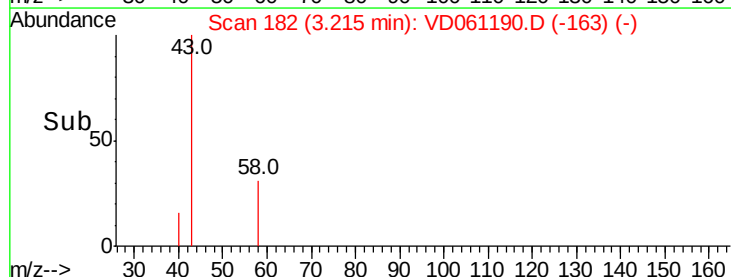
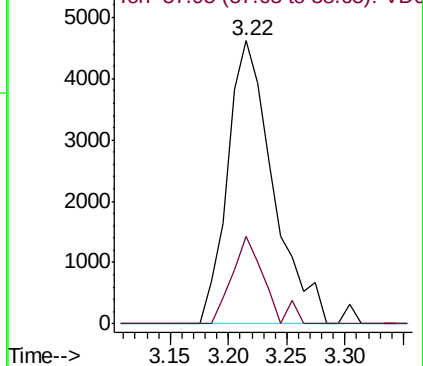
Ion Ratio Lower Upper

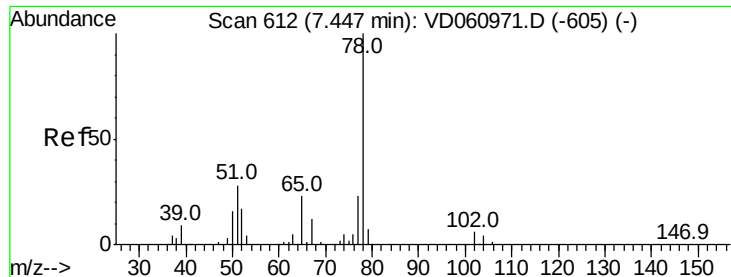
43 100

58 31.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

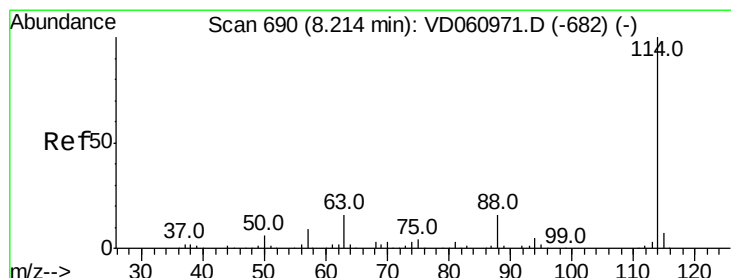
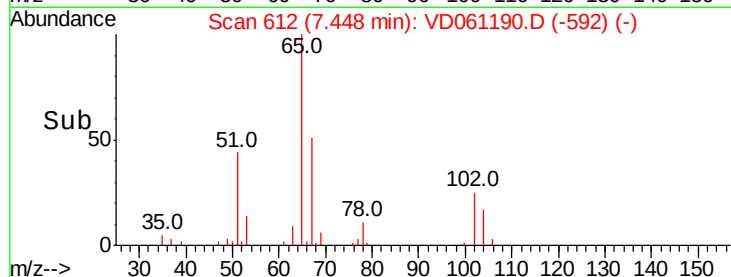
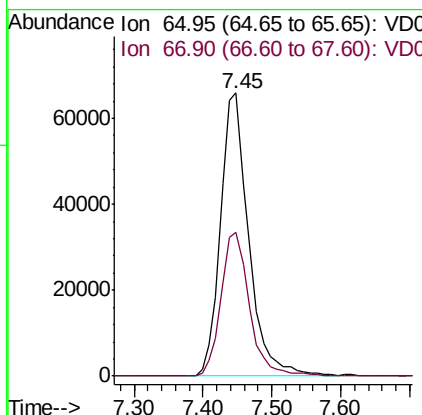
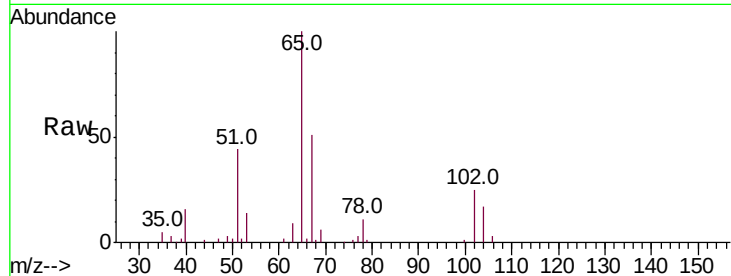




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

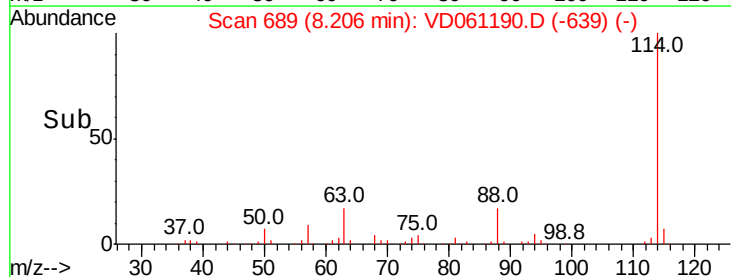
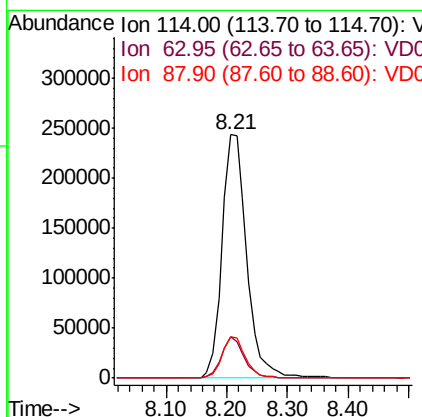
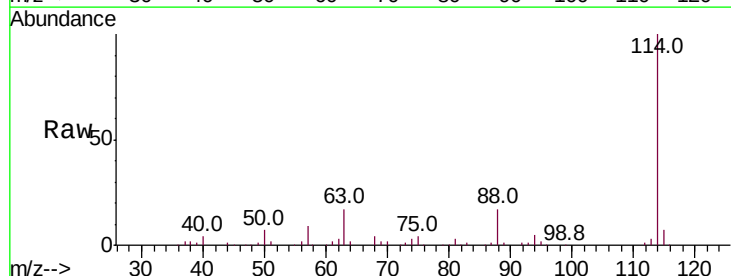
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5(13-14)RE

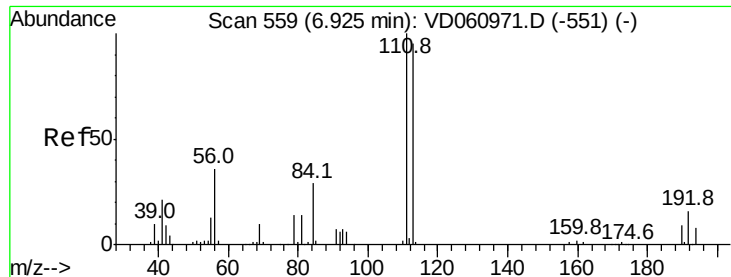
Tot Ion: 65 Resp: 186626
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

Tgt Ion: 114 Resp: 689733
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 31.4
 88 17.0 0.0 33.0

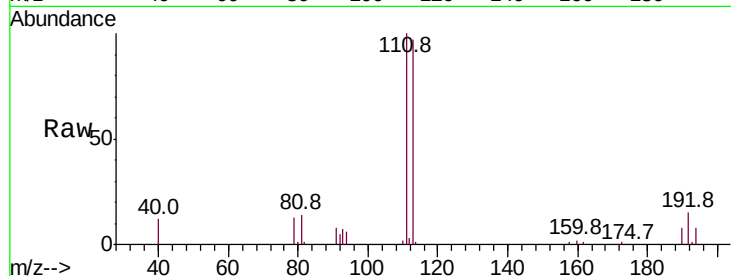




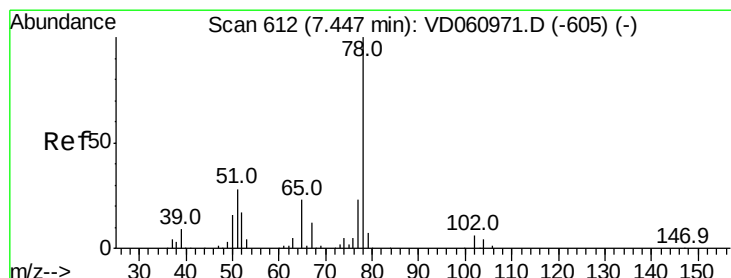
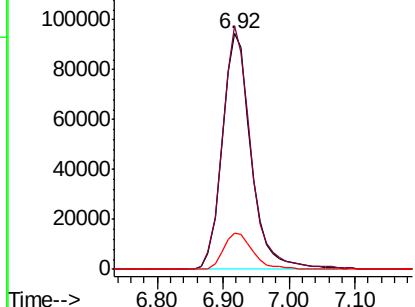
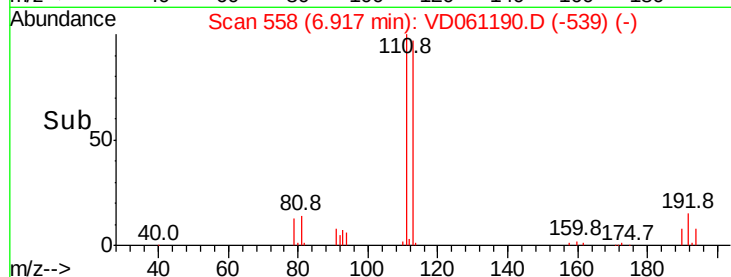
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

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

Tot Ion:113 Resp: 288723
 Ion Ratio Lower Upper
 113 100
 111 103.5 84.2 126.4
 192 15.5 13.1 19.7

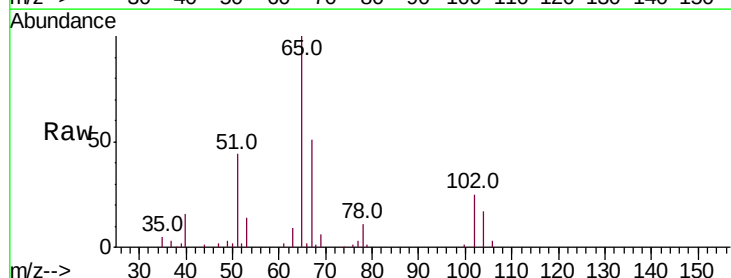


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

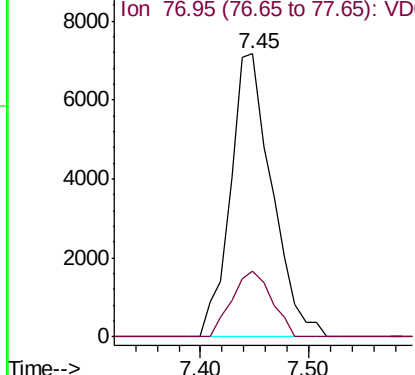
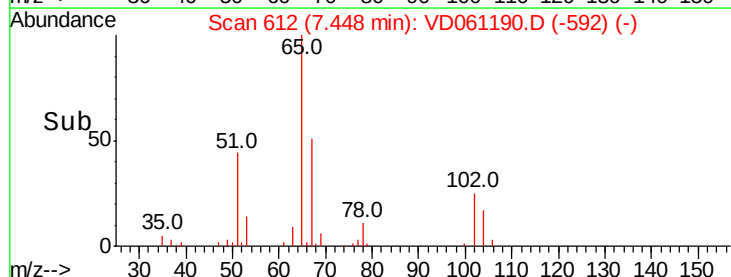


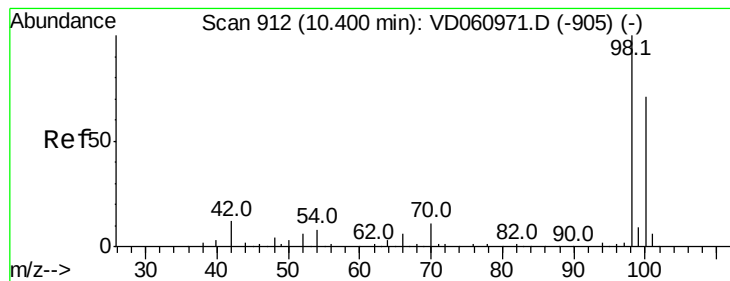
#40
 Benzene
 Concen: 1.293 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061190.D
 Acq: 19 Mar 2019 17:34

Tgt Ion: 78 Resp: 19205
 Ion Ratio Lower Upper
 78 100
 77 23.2 18.8 28.2



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061190.D

Acq: 19 Mar 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

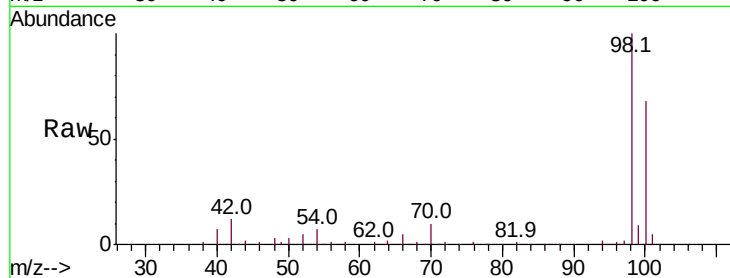
SB-5(13-14)RE

Tot Ion: 98 Resp: 591923

Ion Ratio Lower Upper

98 100

100 68.0 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) (-)

10.40

250000

200000

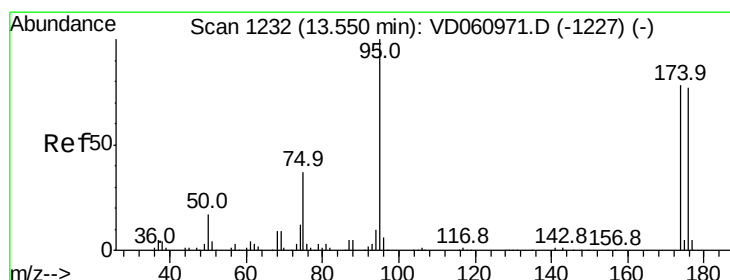
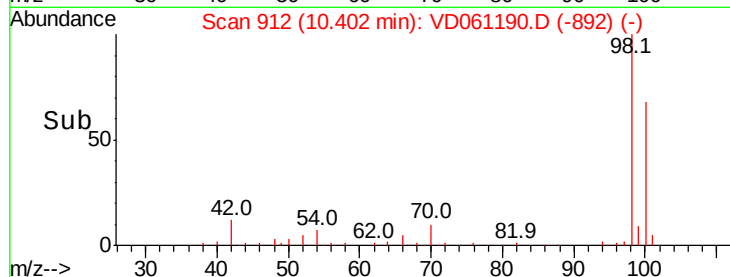
150000

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: VD061190.D

Acq: 19 Mar 2019 17:34

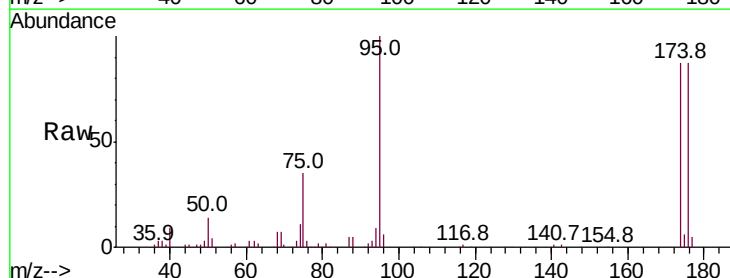
Tgt Ion: 95 Resp: 177260

Ion Ratio Lower Upper

95 100

174 87.4 0.0 155.6

176 87.5 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) (-)

13.55

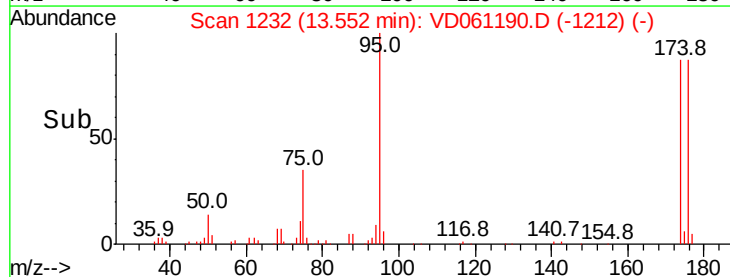
150000

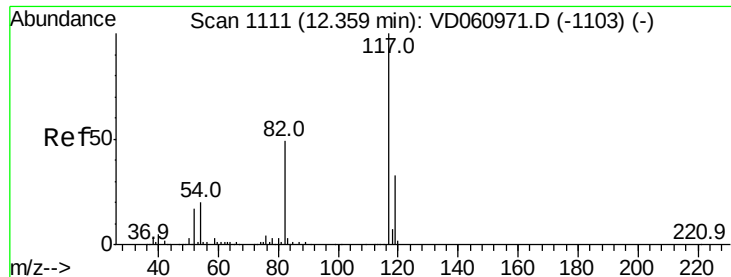
100000

50000

0

Time-->

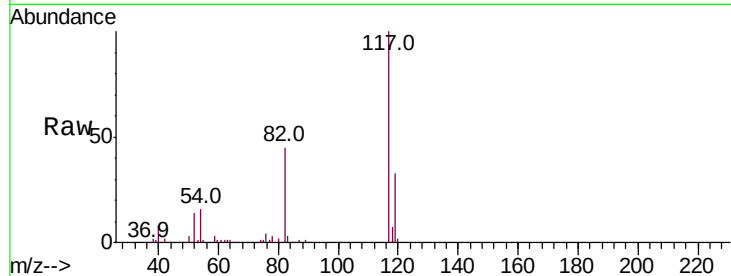




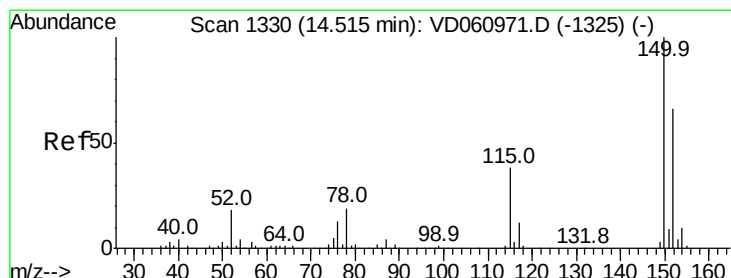
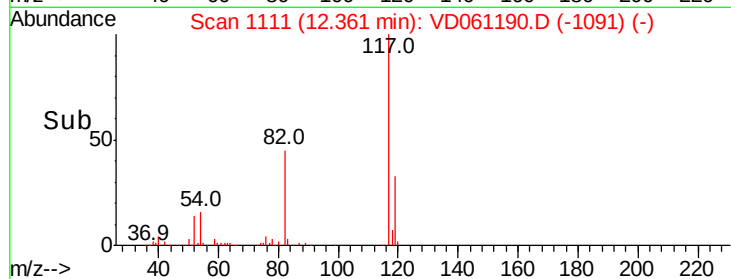
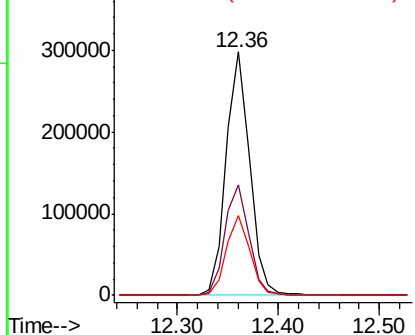
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	45.4	38.9	58.3
119	32.9	26.6	39.8

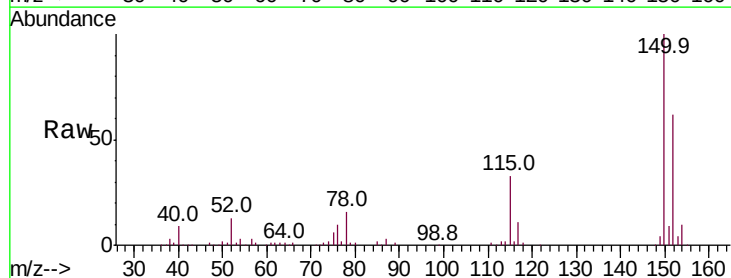


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061190.D
Acq: 19 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	28.6	85.9
150	161.0	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

