

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102618\
 Data File : VD060221.D
 Acq On : 26 Oct 2018 17:32
 Operator : JC/SY
 Sample : J5205-05
 Misc : 6.76g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-102518

Quant Time: Oct 27 00:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

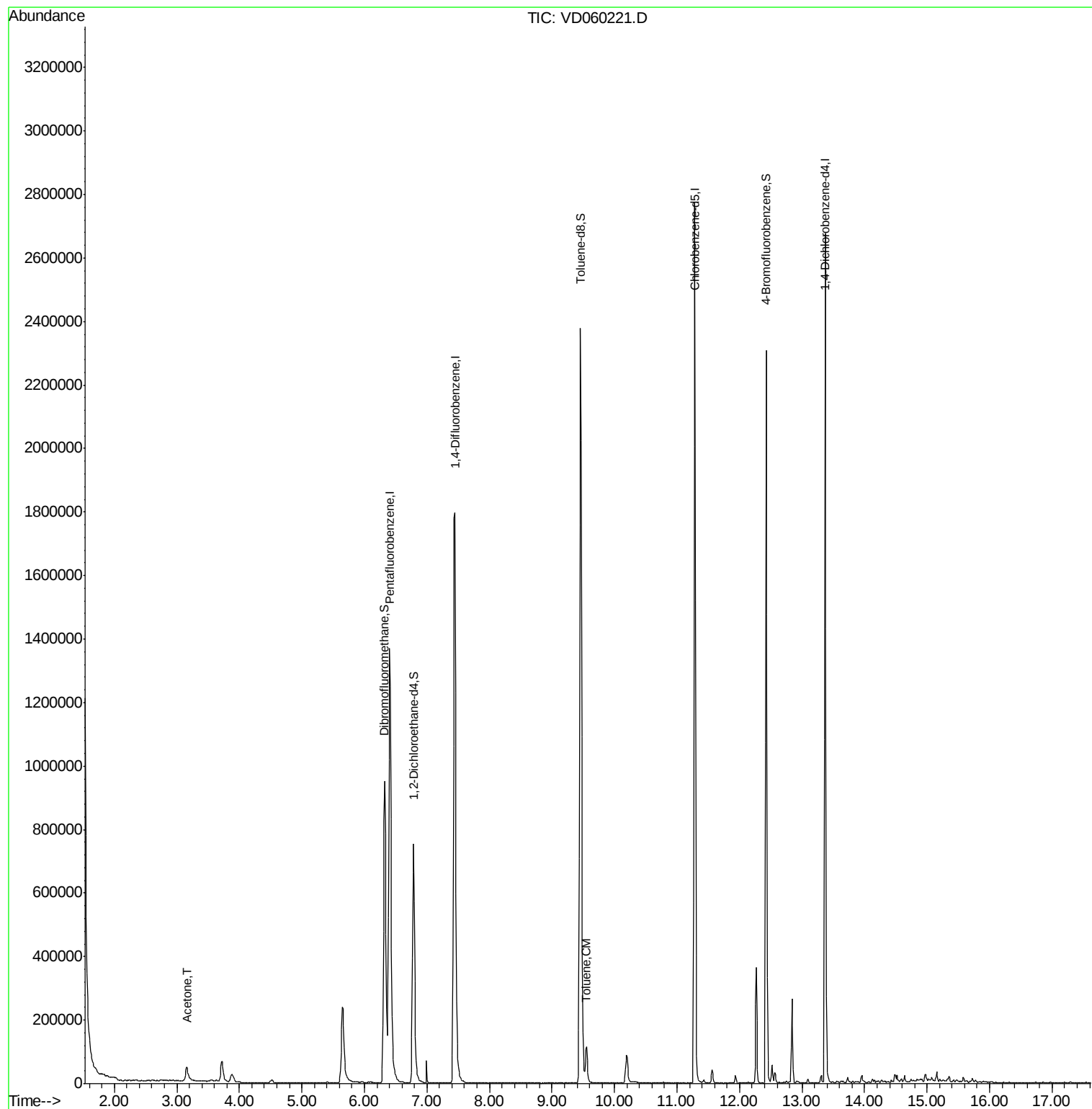
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1335378	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	1960942	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	1460208	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	572169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	635586	62.79	ug/l	0.03
Spiked Amount 50.000			Recovery	=	125.58%	
35) Dibromofluoromethane	6.32	113	758939	50.97	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	9.45	98	1917372	45.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.43	95	646893	40.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.38%	
Target Compounds						
16) Acetone	3.16	43	94653	51.533	ug/l	Qvalue 100
52) Toluene	9.55	92	54183	1.716	ug/l	98

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

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TR-05-102518

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060221.D

Acq: 26 Oct 2018 17:32

Instrument :

MSVOA_D

ClientSampleId :

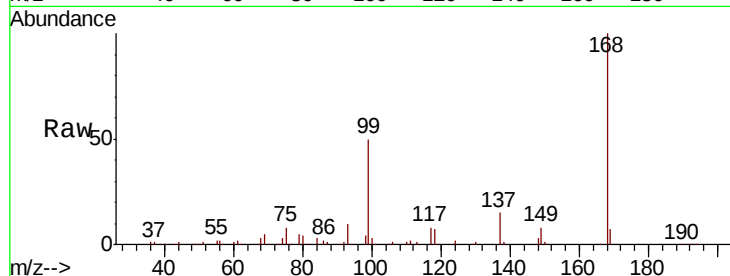
TR-05-102518

Tot Ion:168 Resp: 1335378

Ion Ratio Lower Upper

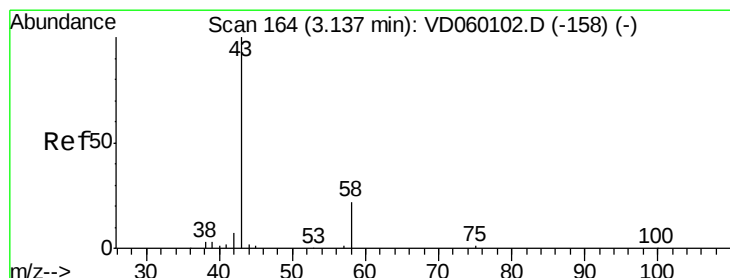
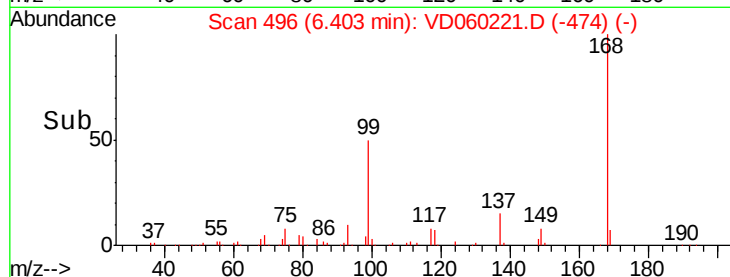
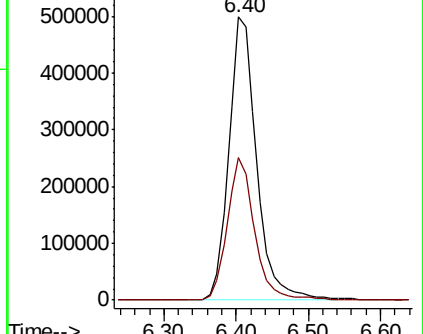
168 100

99 50.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 51.533 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060221.D

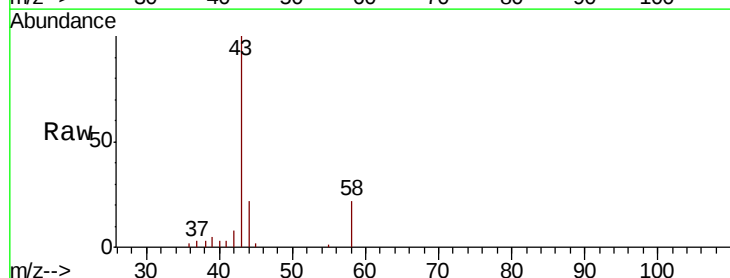
Acq: 26 Oct 2018 17:32

Tgt Ion: 43 Resp: 94653

Ion Ratio Lower Upper

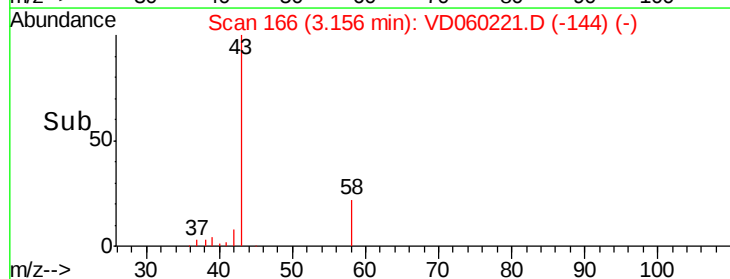
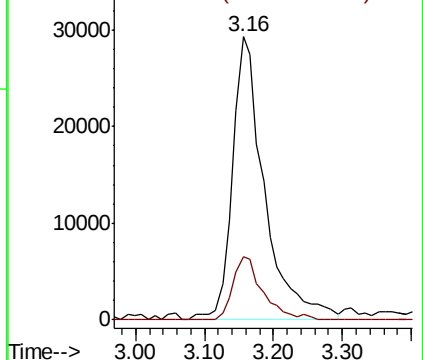
43 100

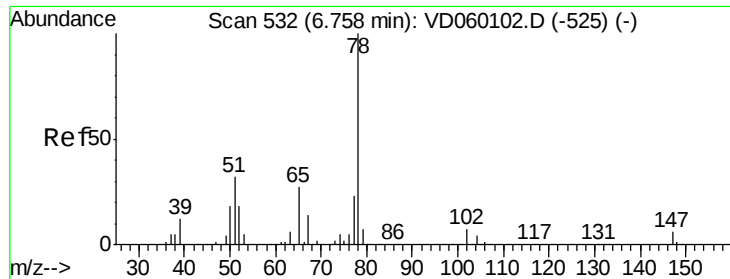
58 22.3 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

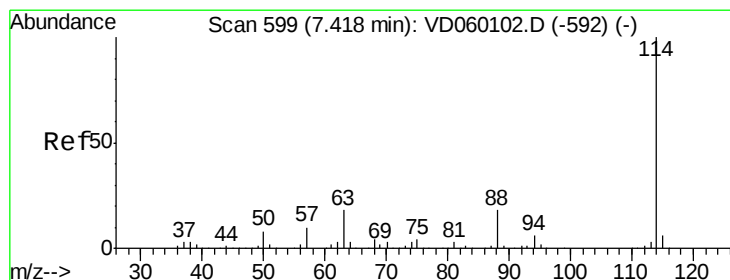
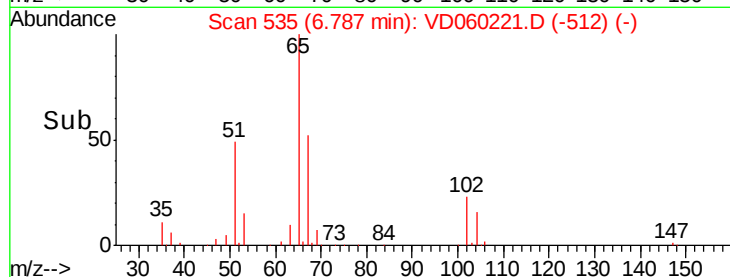
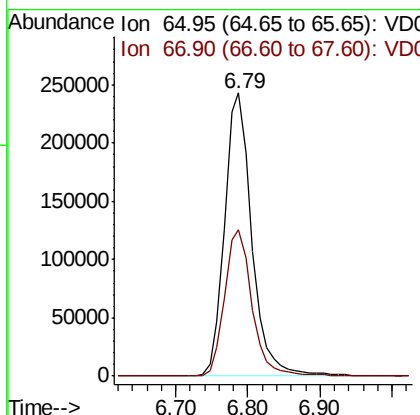
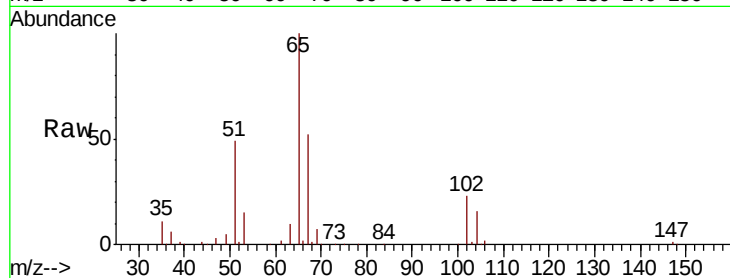




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060221.D
 Acq: 26 Oct 2018 17:32

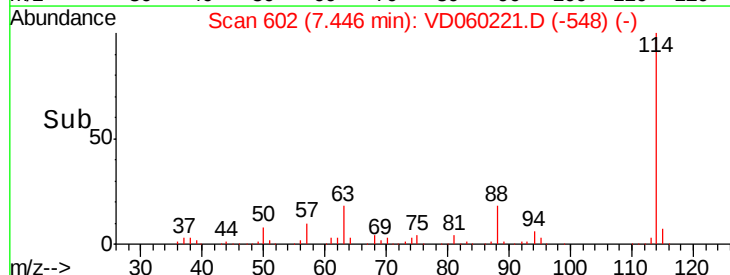
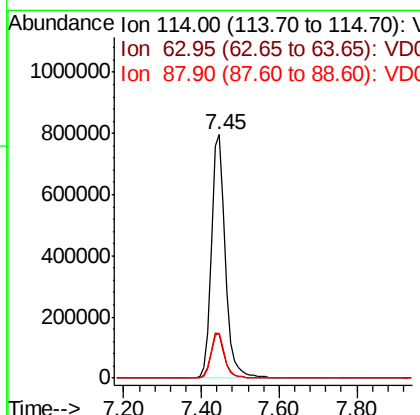
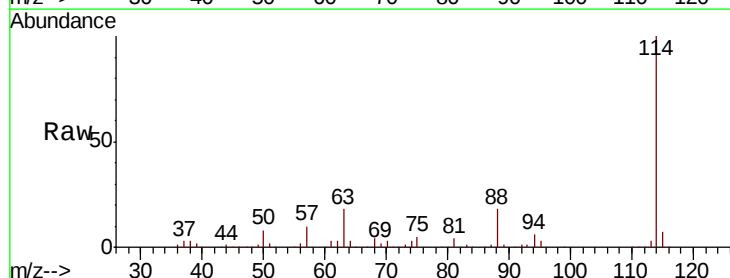
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-102518

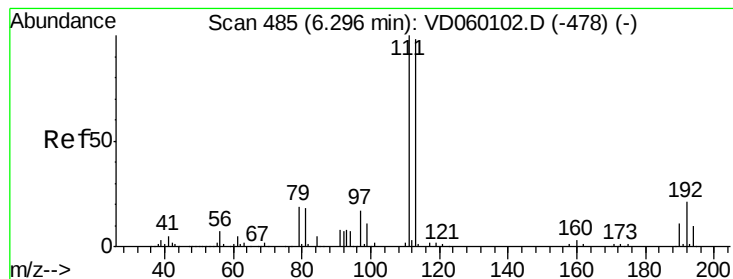
Tot Ion: 65 Resp: 635586
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060221.D
 Acq: 26 Oct 2018 17:32

Tgt Ion: 114 Resp: 1960942
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.0
 88 18.4 0.0 36.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.32 min Scan# 488

Delta R.T. 0.03 min

Lab File: VD060221.D

Acq: 26 Oct 2018 17:32

Instrument :

MSVOA_D

ClientSampleId :

TR-05-102518

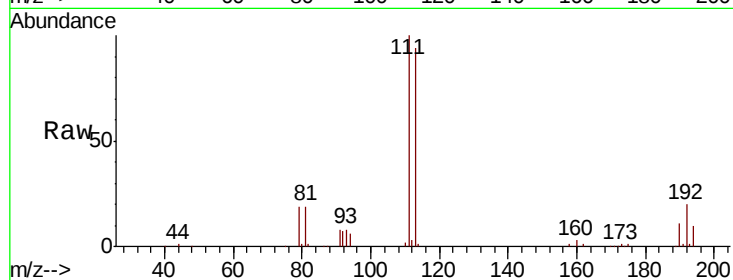
Tot Ion:113 Resp: 758939

Ion Ratio Lower Upper

113 100

111 106.1 81.5 122.3

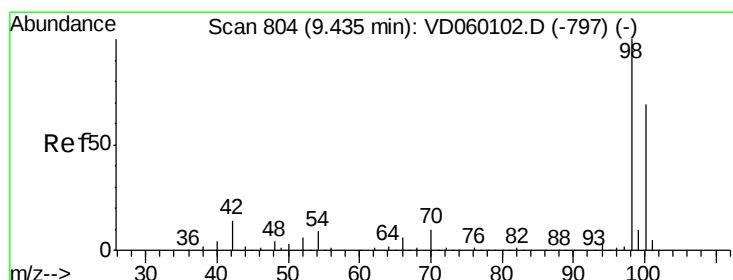
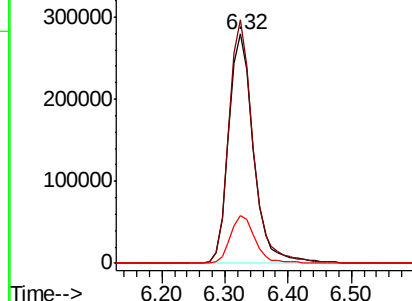
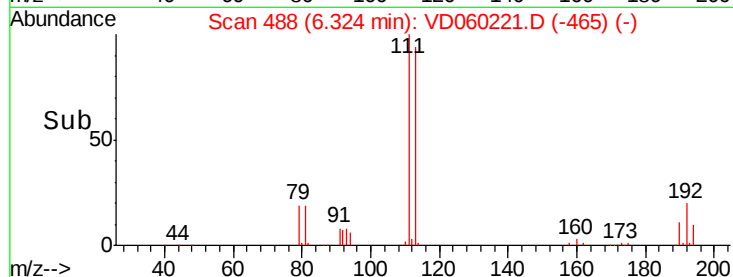
192 21.0 17.4 26.0



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: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060221.D

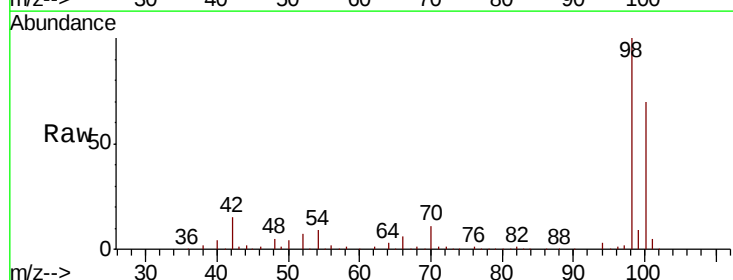
Acq: 26 Oct 2018 17:32

Tgt Ion: 98 Resp: 1917372

Ion Ratio Lower Upper

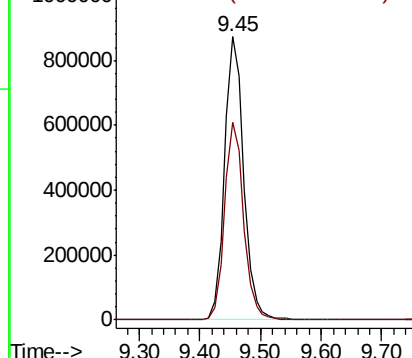
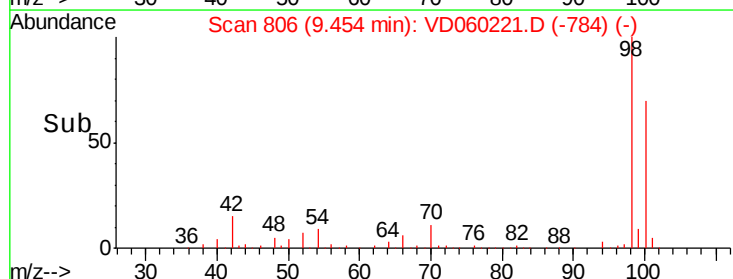
98 100

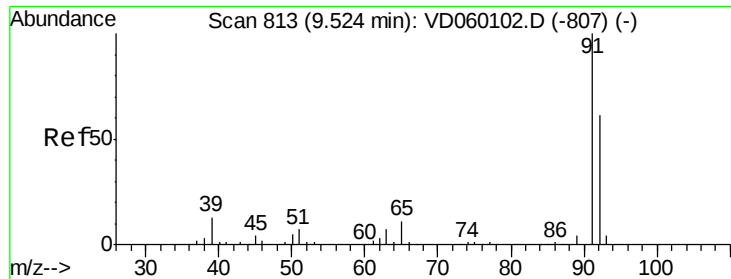
100 69.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.716 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060221.D

Acq: 26 Oct 2018 17:32

Instrument :

MSVOA_D

ClientSampleId :

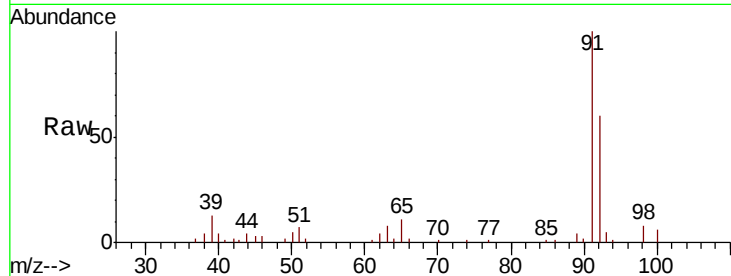
TR-05-102518

Tot Ion: 92 Resp: 54183

Ion Ratio Lower Upper

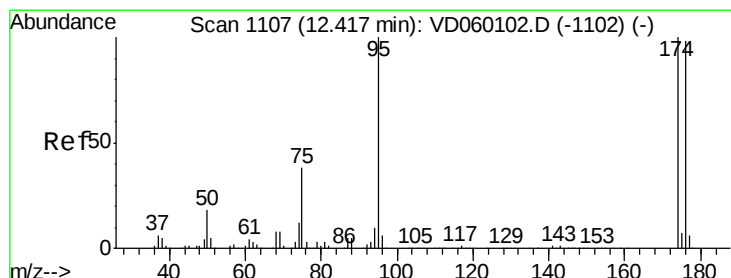
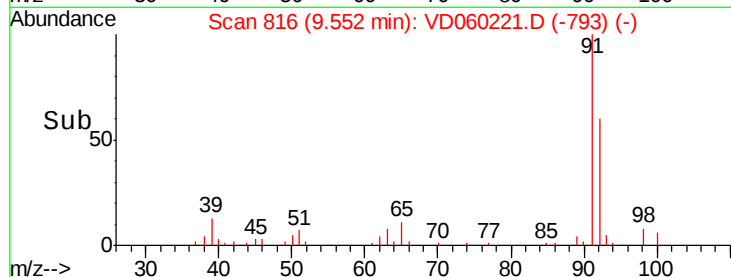
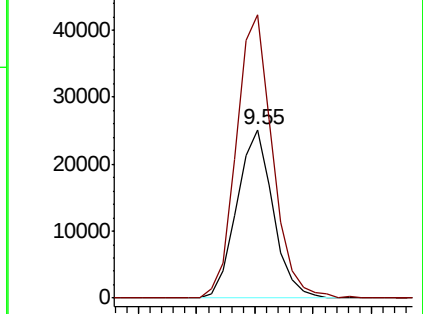
92 100

91 168.0 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060221.D

Acq: 26 Oct 2018 17:32

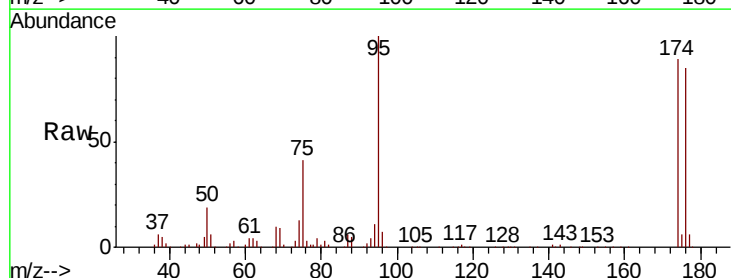
Tgt Ion: 95 Resp: 646893

Ion Ratio Lower Upper

95 100

174 88.7 0.0 200.2

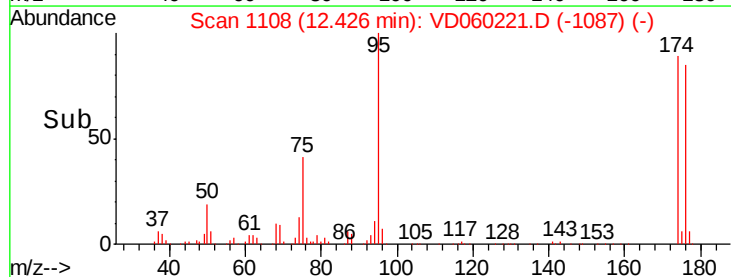
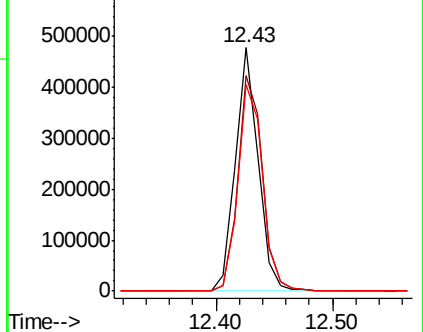
176 84.7 0.0 195.6

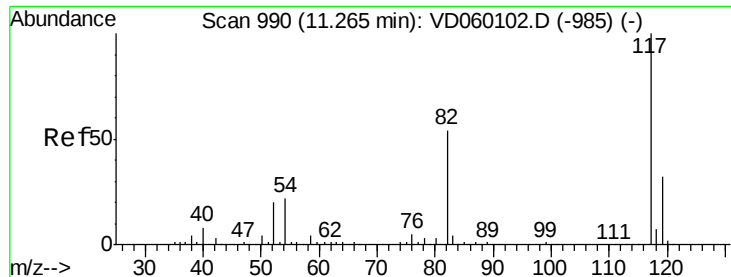


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

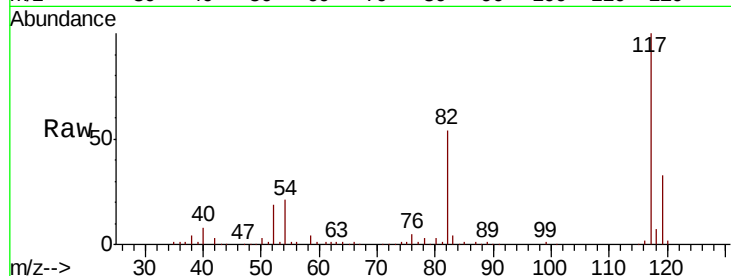




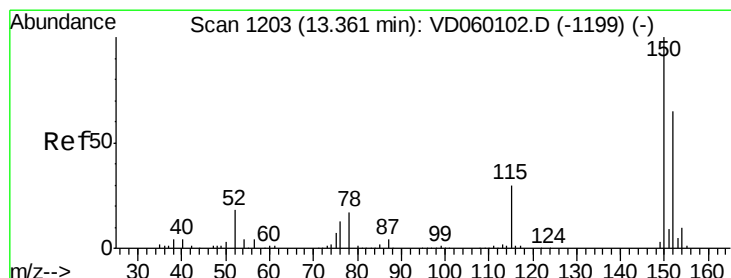
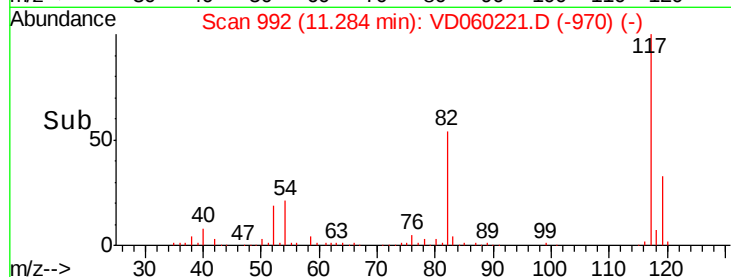
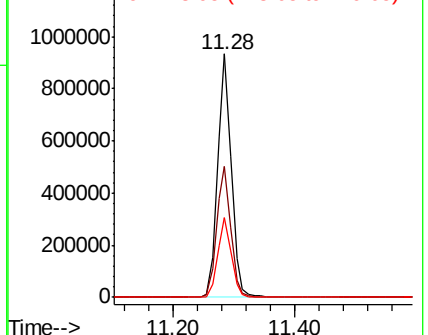
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060221.D
Acq: 26 Oct 2018 17:32

Instrument :
MSVOA_D
ClientSampleId :
TR-05-102518

Tot Ion:117 Resp: 1460208
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.2
119 32.6 26.0 39.0

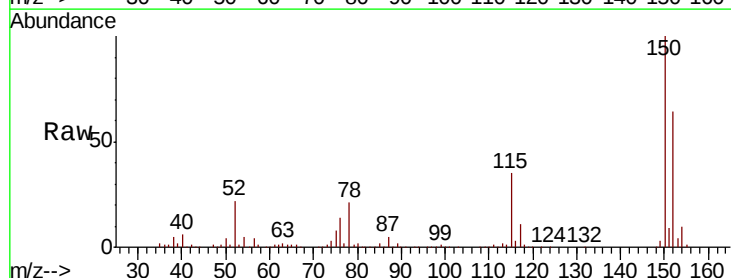


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060221.D
Acq: 26 Oct 2018 17:32

Tgt Ion:152 Resp: 572169
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 155.3 0.0 311.8



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

