

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060252.D
 Acq On : 31 Oct 2018 20:10
 Operator : VA/AP
 Sample : J5205-09
 Misc : 5.49g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-103018-B

Quant Time: Nov 01 00:46:32 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

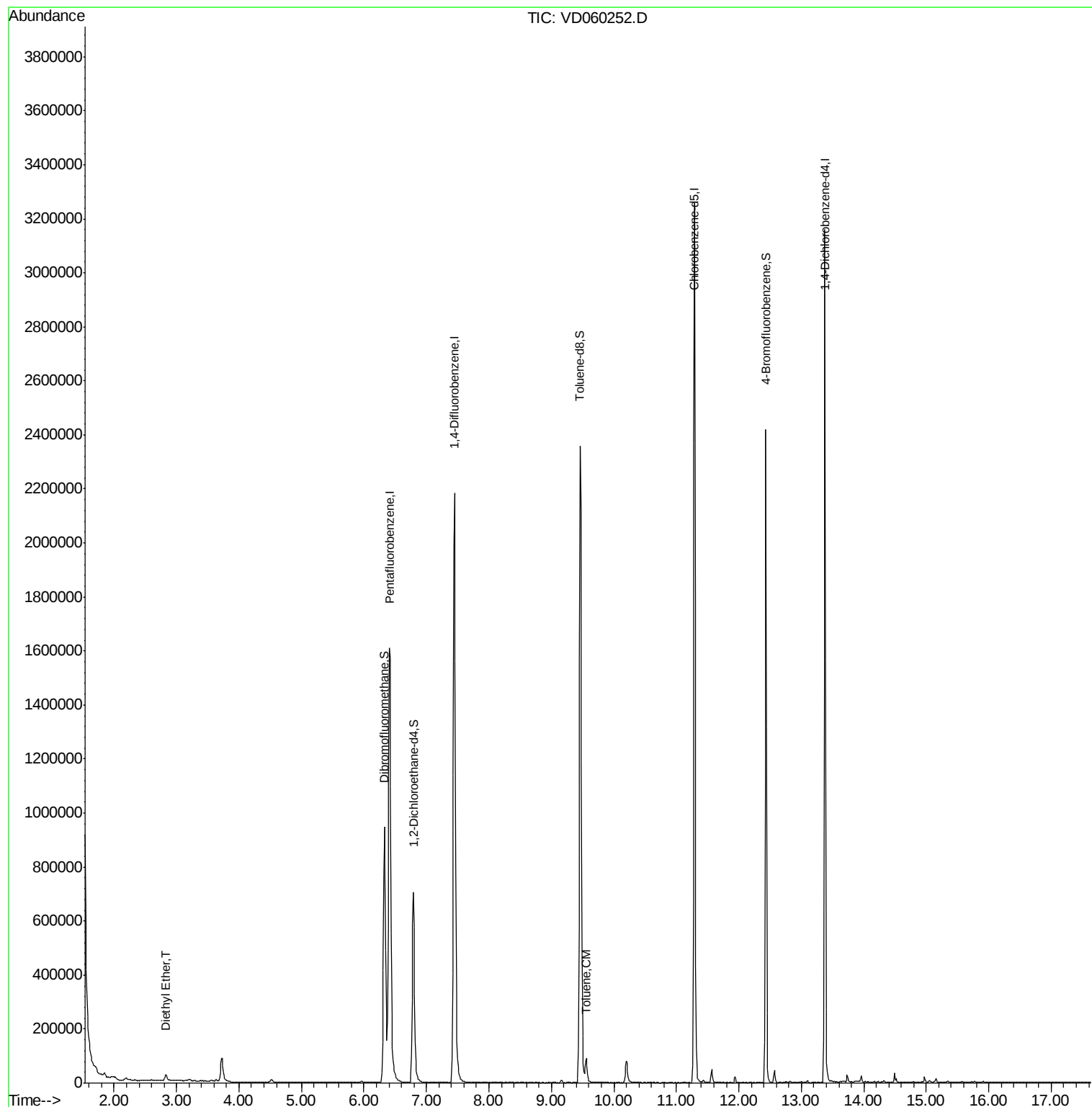
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1638344	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2320974	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1719442	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	703051	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	590709	47.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	6.33	113	747614	42.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.84%	
50) Toluene-d8	9.46	98	1909368	37.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.98%	
62) 4-Bromofluorobenzene	12.43	95	646676	34.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	68.74%	
Target Compounds						
8) Diethyl Ether	2.83	74	8348	2.981	ug/l	96
52) Toluene	9.56	92	43772	1.171	ug/l	94

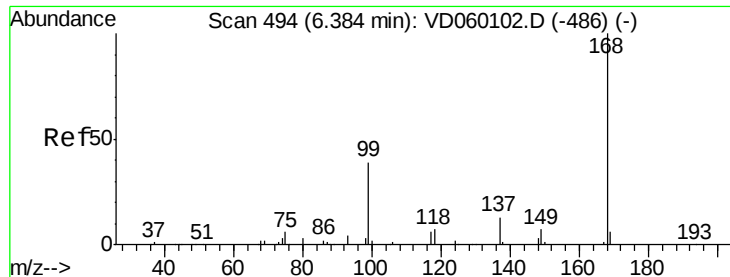
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060252.D
Acq On : 31 Oct 2018 20:10
Operator : VA/AP
Sample : J5205-09
Misc : 5.49g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-B

Quant Time: Nov 01 00:46:32 2018
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: 6.42 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060252.D

Acq: 31 Oct 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

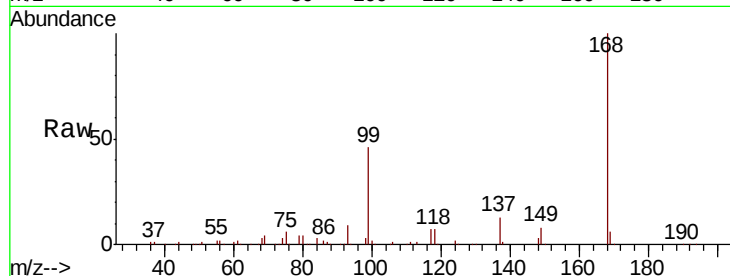
TR-04-103018-B

Tot Ion:168 Resp: 1638344

Ion Ratio Lower Upper

168 100

99 46.1 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

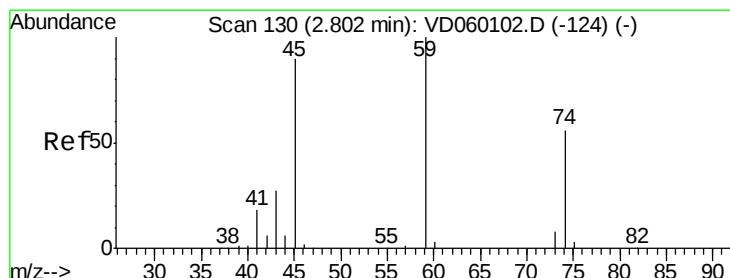
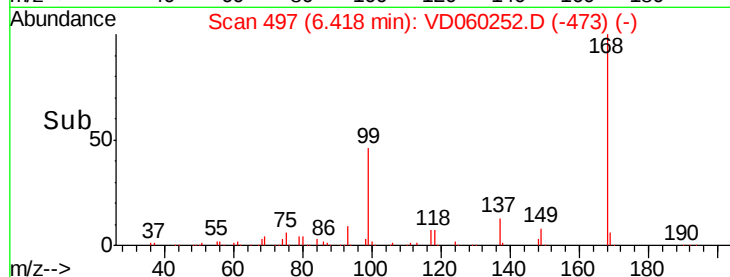
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 2.981 ug/l

RT: 2.83 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060252.D

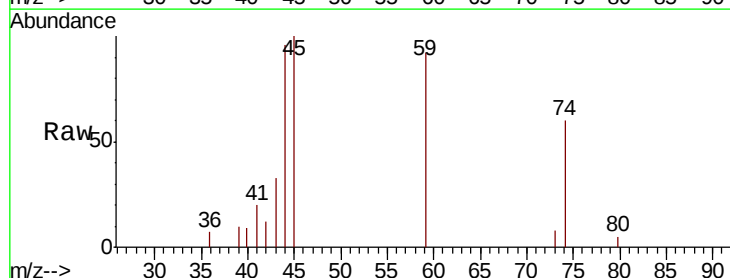
Acq: 31 Oct 2018 20:10

Tgt Ion: 74 Resp: 8348

Ion Ratio Lower Upper

74 100

45 165.6 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

8000

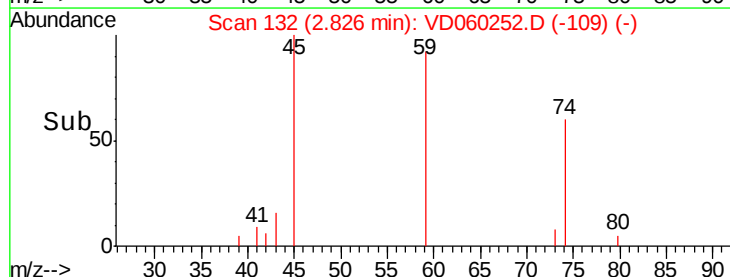
6000

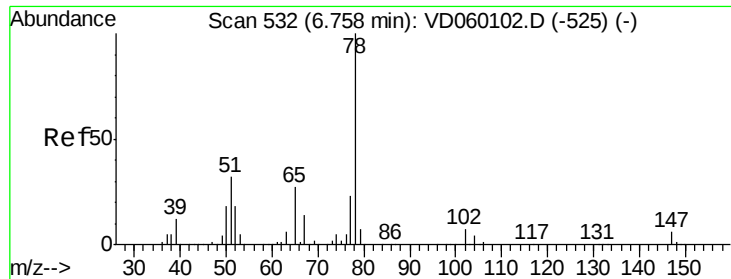
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060252.D

Acq: 31 Oct 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

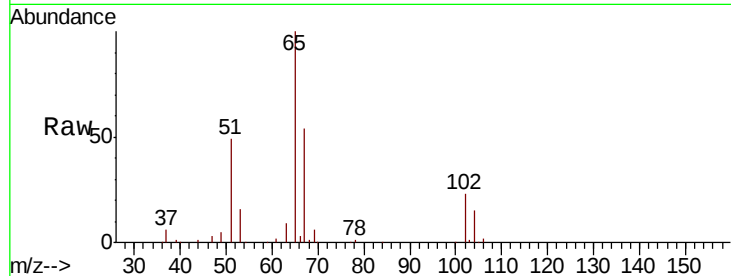
TR-04-103018-B

Tot Ion: 65 Resp: 590709

Ion Ratio Lower Upper

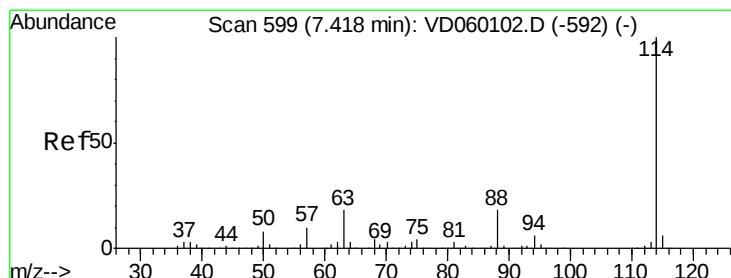
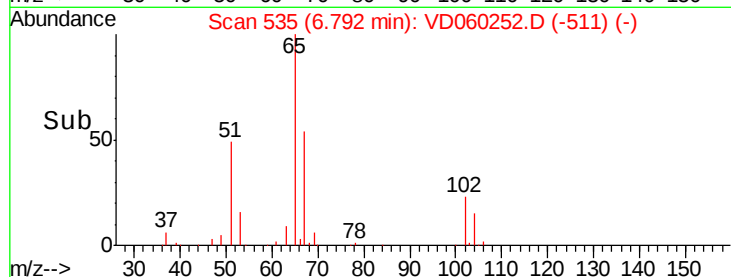
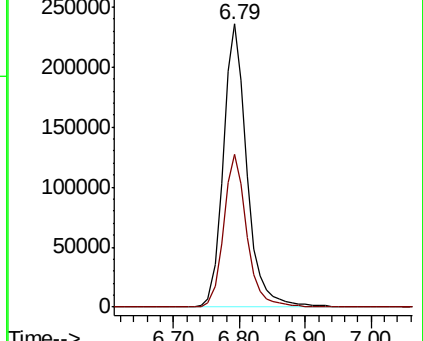
65 100

67 53.8 0.0 106.2



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: 7.45 min Scan# 602

Delta R.T. 0.03 min

Lab File: VD060252.D

Acq: 31 Oct 2018 20:10

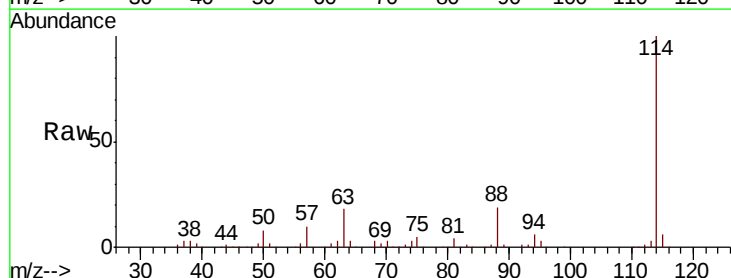
Tgt Ion: 114 Resp: 2320974

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.0

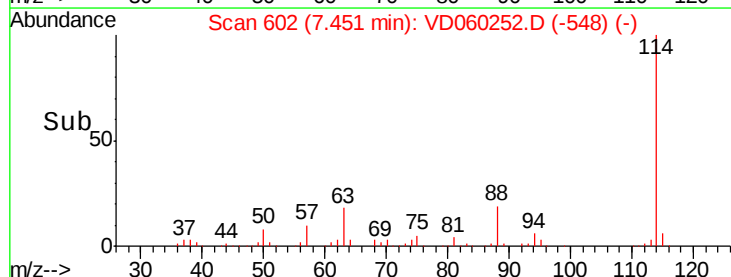
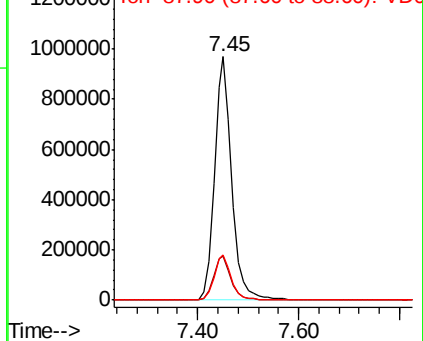
88 18.5 0.0 36.2

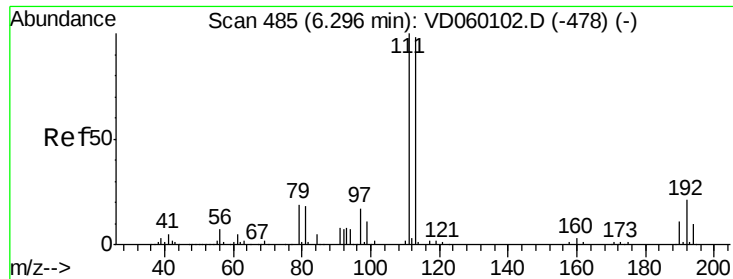


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

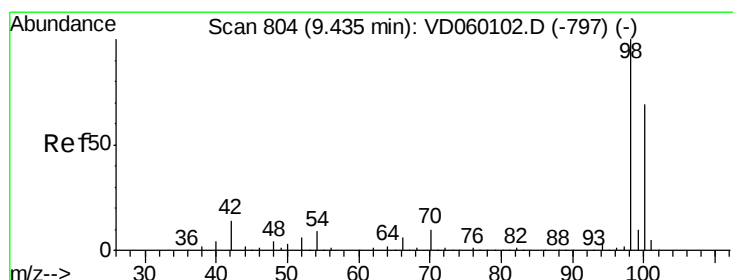
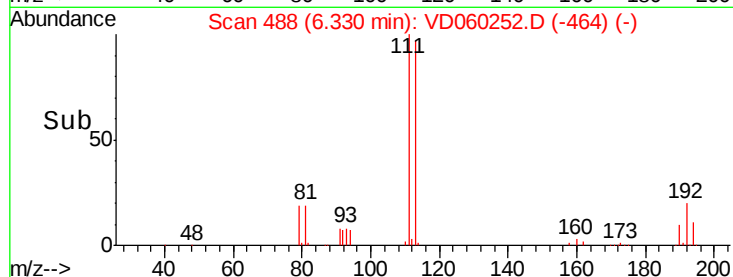
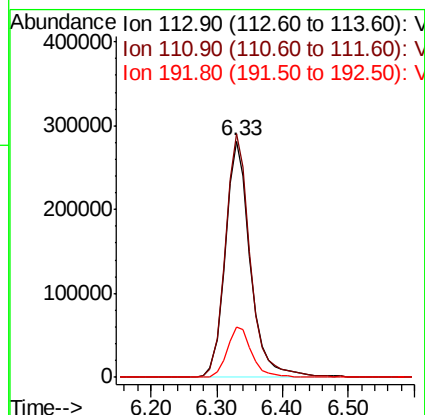
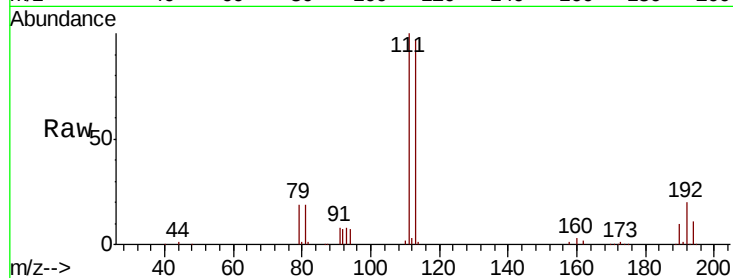




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060252.D
 Acq: 31 Oct 2018 20:10

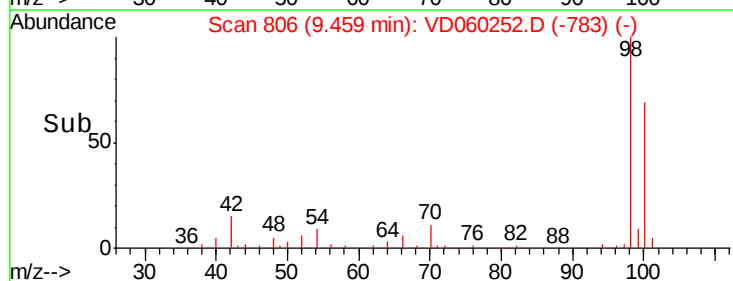
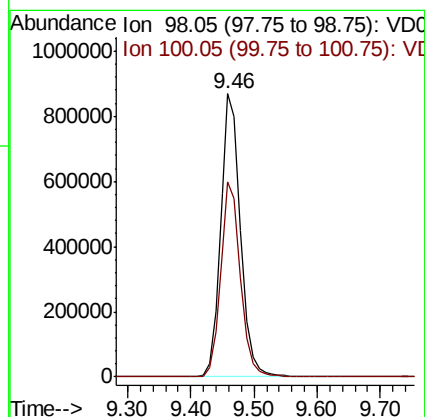
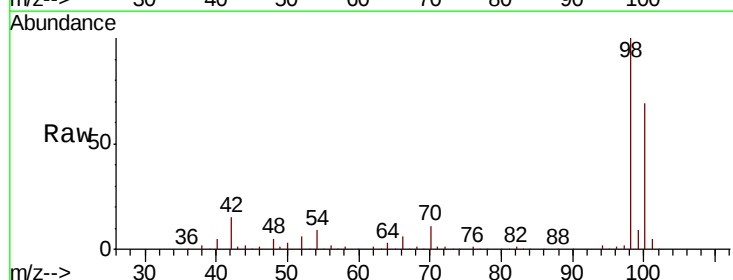
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-103018-B

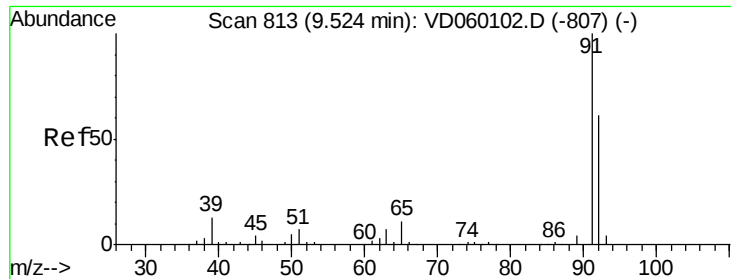
Tot Ion:113 Resp: 747614
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.5 122.3
 192 21.1 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: VD060252.D
 Acq: 31 Oct 2018 20:10

Tgt Ion: 98 Resp: 1909368
 Ion Ratio Lower Upper
 98 100
 100 68.8 55.4 83.0





#52

Toluene

Concen: 1.171 ug/l

RT: 9.56 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060252.D

Acq: 31 Oct 2018 20:10

Instrument :

MSVOA_D

ClientSampleId :

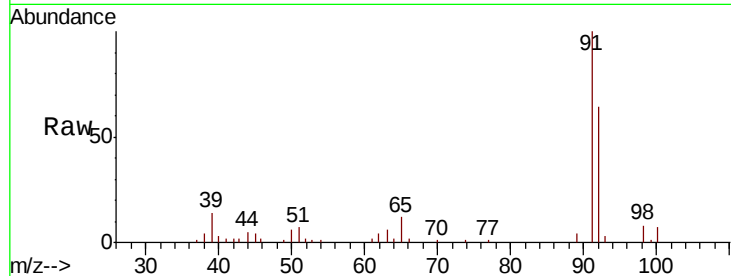
TR-04-103018-B

Tot Ion: 92 Resp: 43772

Ion Ratio Lower Upper

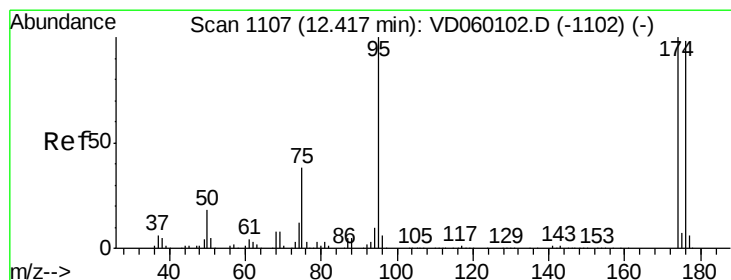
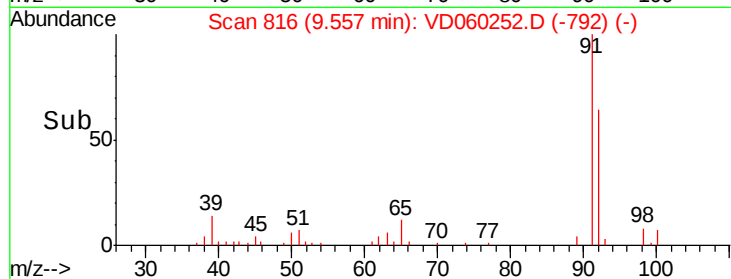
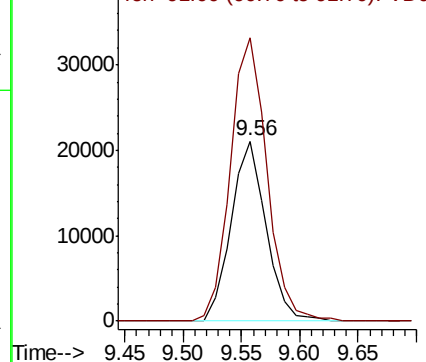
92 100

91 157.3 131.9 197.9



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: VD060252.D

Acq: 31 Oct 2018 20:10

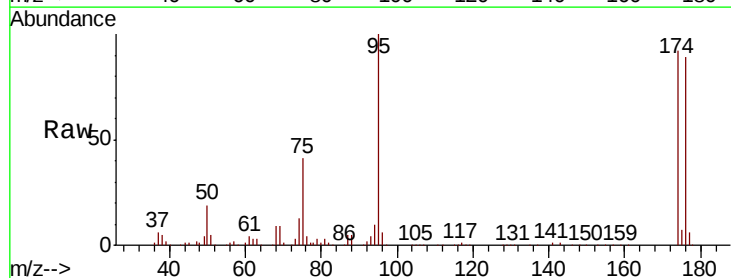
Tgt Ion: 95 Resp: 646676

Ion Ratio Lower Upper

95 100

174 92.2 0.0 200.2

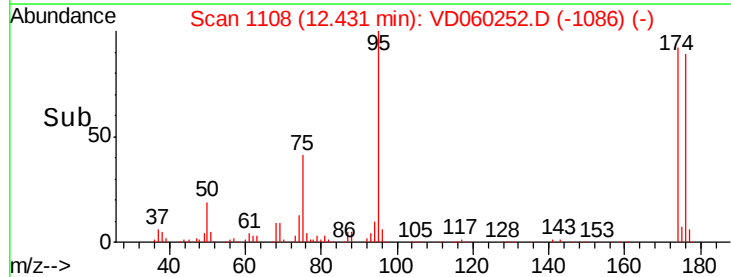
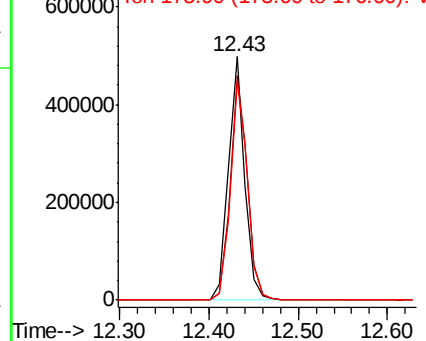
176 89.3 0.0 195.6

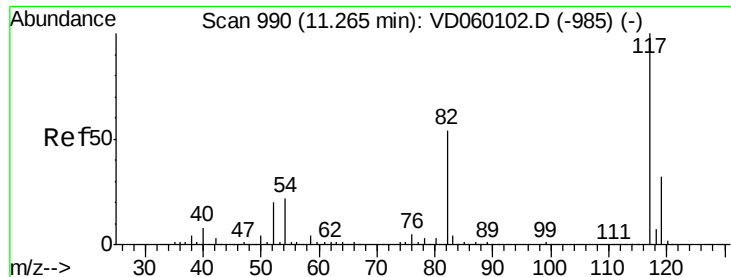


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

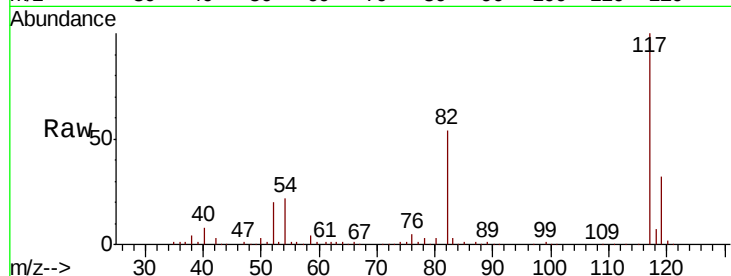




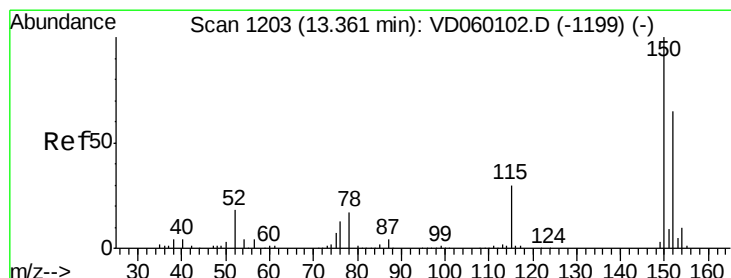
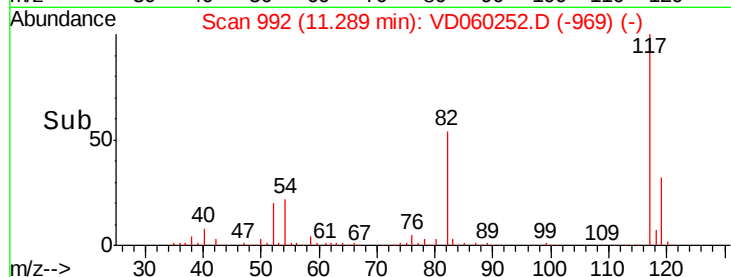
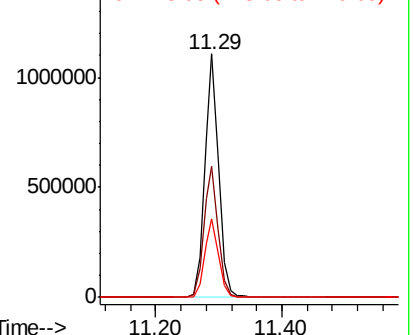
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060252.D
Acq: 31 Oct 2018 20:10

Instrument :
MSVOA_D
ClientSampleId :
TR-04-103018-B

Tot Ion:117 Resp: 1719442
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.2
119 32.3 26.0 39.0

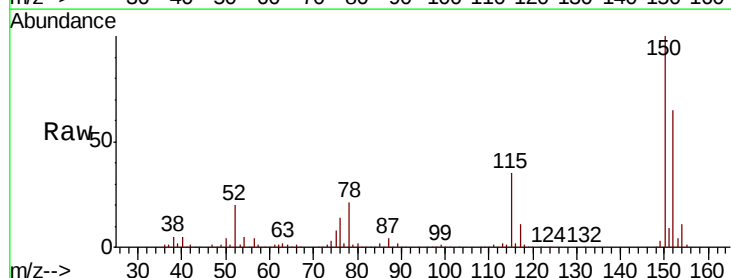


Abundance Ion 116.95 (116.65 to 117.65): V
1500000
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060252.D
Acq: 31 Oct 2018 20:10

Tgt Ion:152 Resp: 703051
Ion Ratio Lower Upper
152 100
115 53.4 27.1 81.2
150 154.1 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
1000000
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

