

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102518\
 Data File : VD060201.D
 Acq On : 25 Oct 2018 18:06
 Operator : JC/SY
 Sample : J5658-05
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-003

Quant Time: Oct 26 04:07:53 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	1633755	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	2230517	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1587140	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	629264	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	698682	56.42	ug/l	0.03
Spiked Amount	50.000		Recovery	=	112.84%	
35) Dibromofluoromethane	6.33	113	860038	50.78	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	9.45	98	2203575	45.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.43	95	684935	37.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.74%	

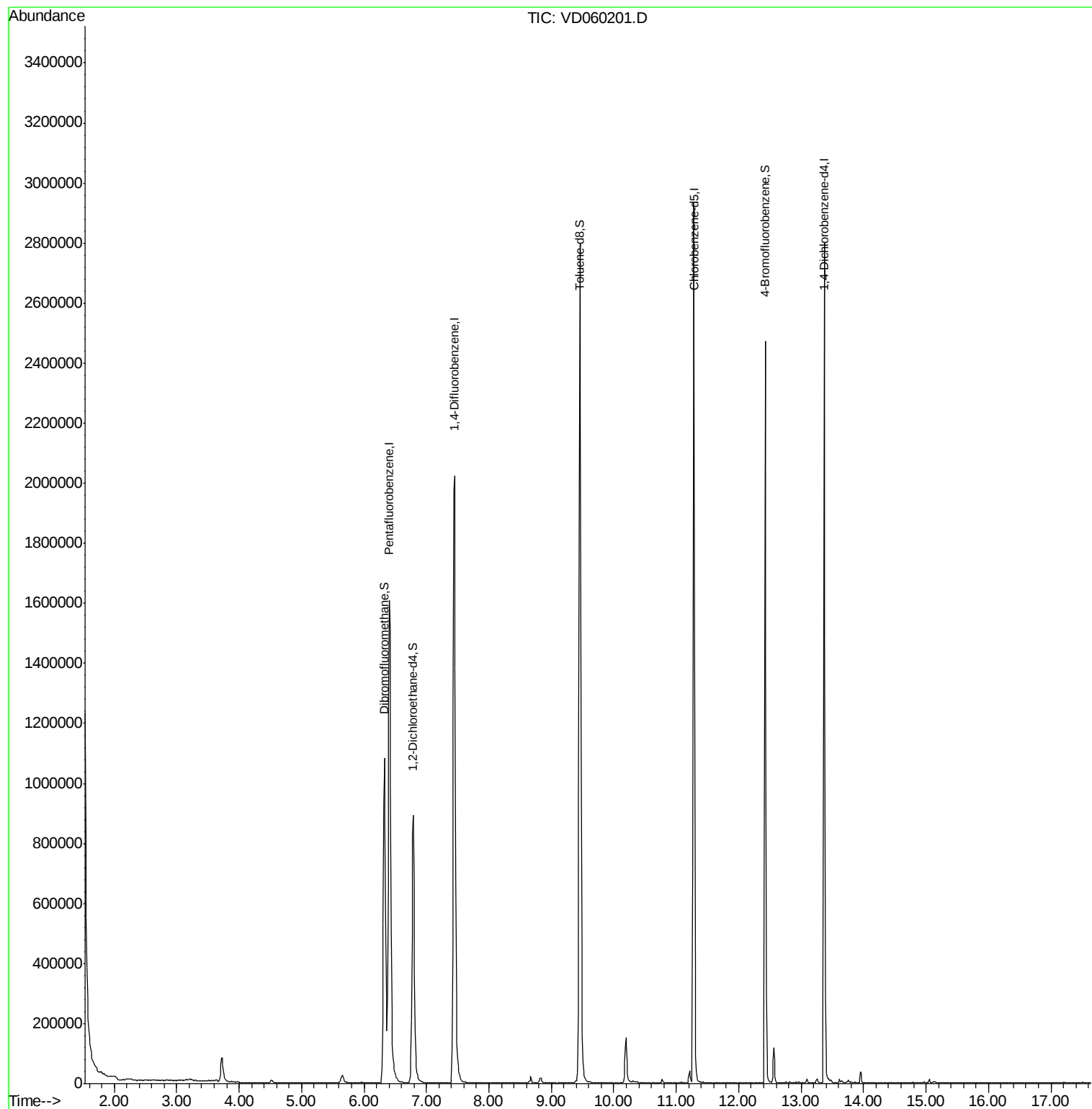
Target Compounds	Qvalue

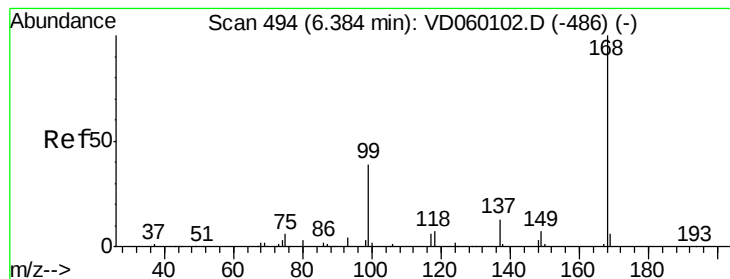
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

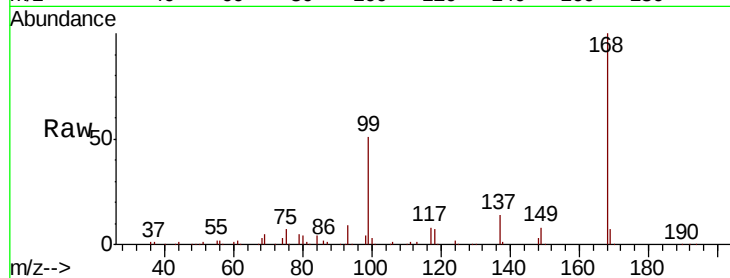
JC-TS-003

Tot Ion:168 Resp: 1633755

Ion Ratio Lower Upper

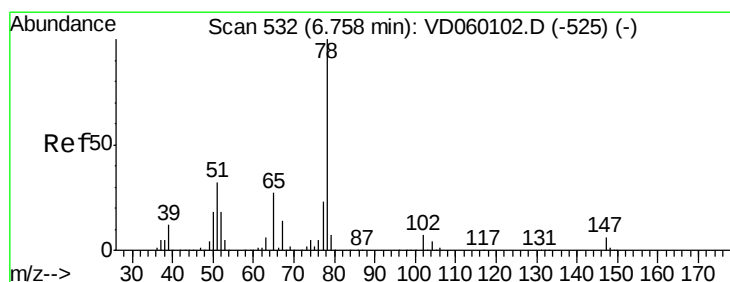
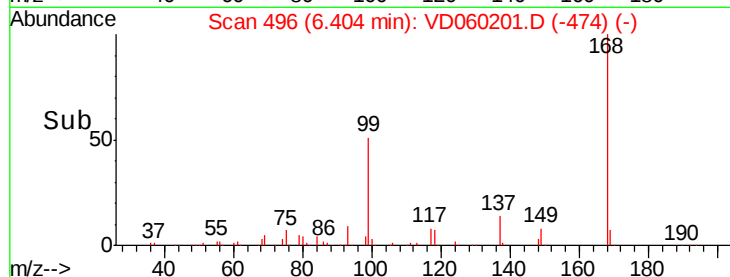
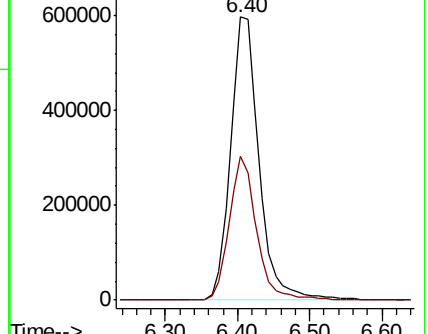
168 100

99 50.8 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): 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: VD060201.D

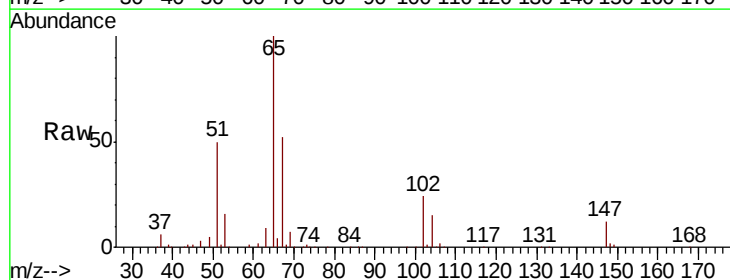
Acq: 25 Oct 2018 18:06

Tgt Ion: 65 Resp: 698682

Ion Ratio Lower Upper

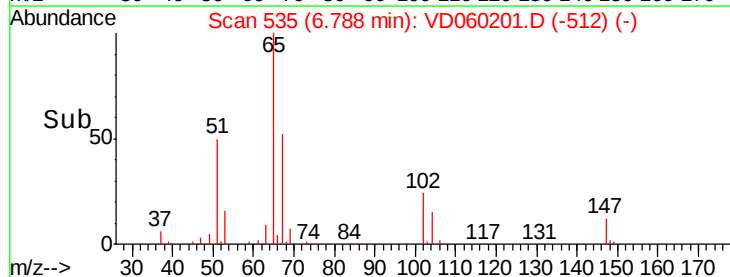
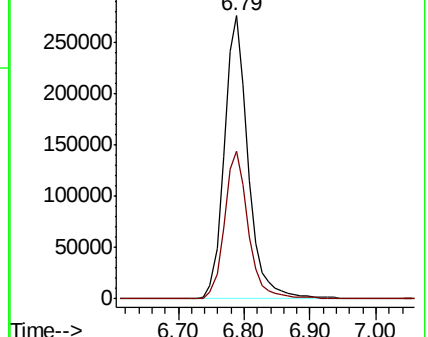
65 100

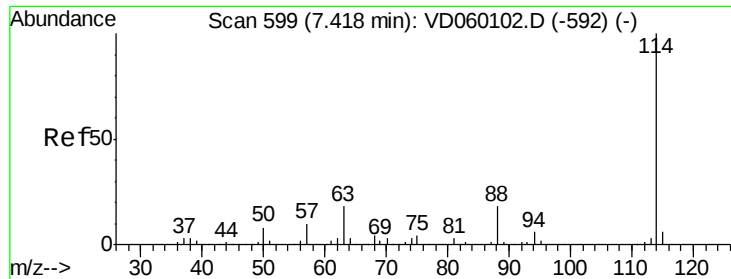
67 52.3 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

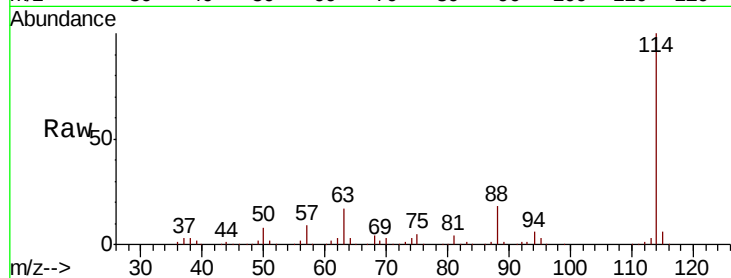




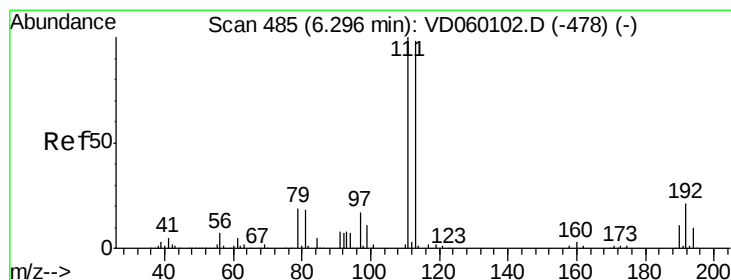
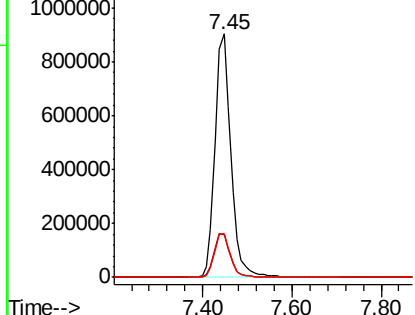
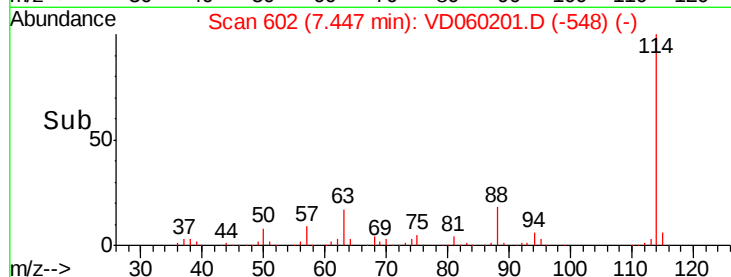
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-003

Tot Ion:114 Resp: 2230517
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.0
 88 18.3 0.0 36.2

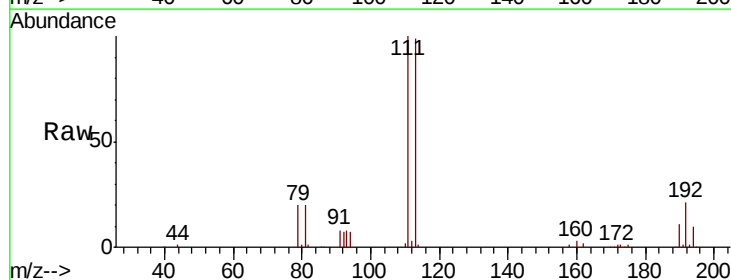


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

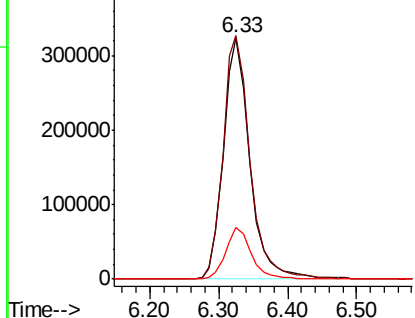
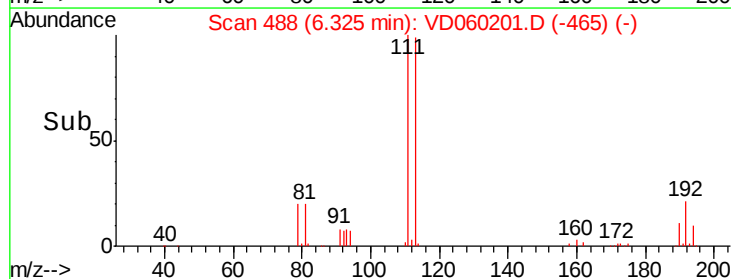


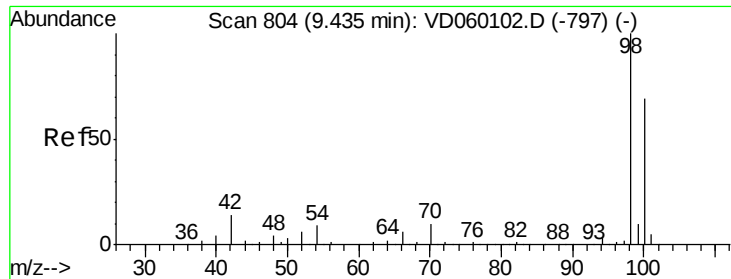
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060201.D
 Acq: 25 Oct 2018 18:06

Tgt Ion:113 Resp: 860038
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.5 122.3
 192 21.3 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: VD060201.D

Acq: 25 Oct 2018 18:06

Instrument :

MSVOA_D

ClientSampleId :

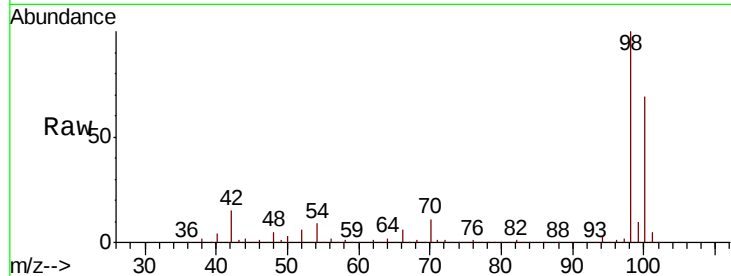
JC-TS-003

Tot Ion: 98 Resp: 2203575

Ion Ratio Lower Upper

98 100

100 68.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

1200000

1000000

800000

600000

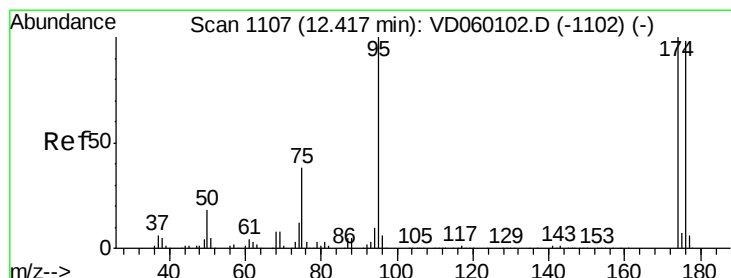
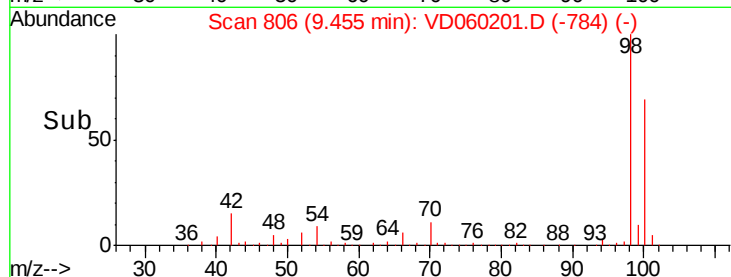
400000

200000

0

9.30 9.40 9.50 9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060201.D

Acq: 25 Oct 2018 18:06

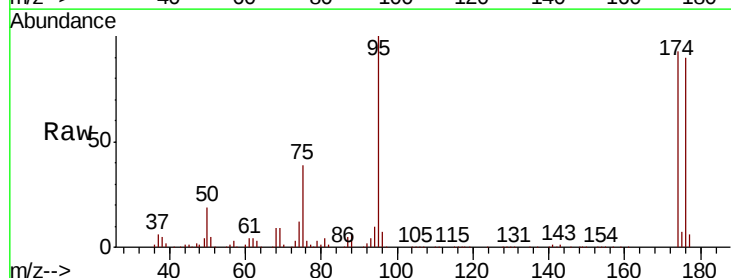
Tgt Ion: 95 Resp: 684935

Ion Ratio Lower Upper

95 100

174 93.3 0.0 200.2

176 90.5 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

600000

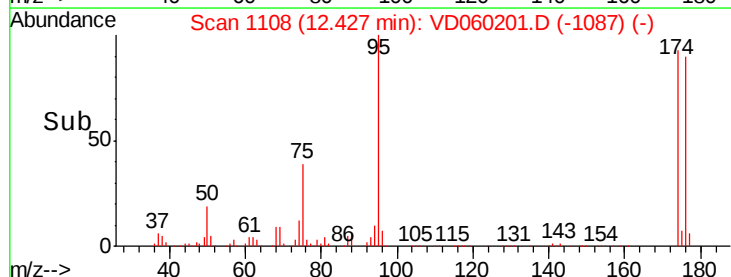
400000

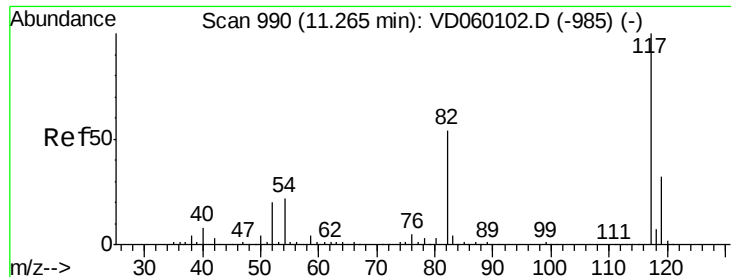
200000

0

12.30 12.40 12.50

Time-->

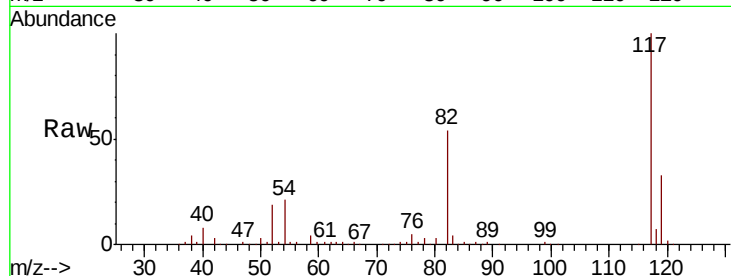




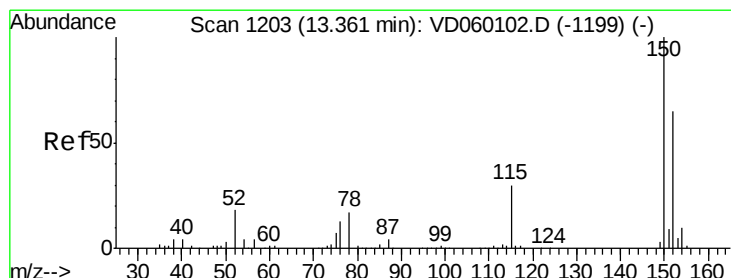
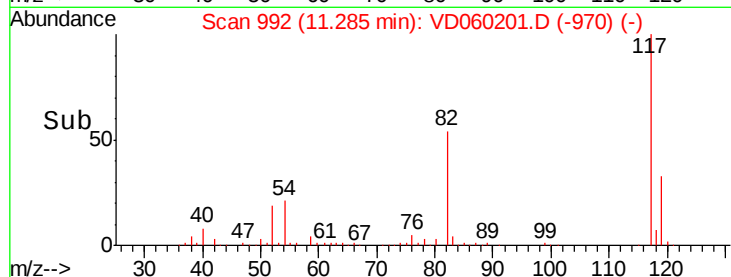
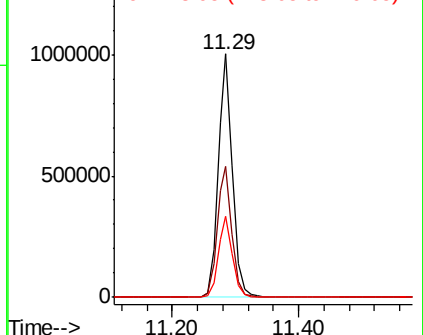
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-003

Tot Ion:117 Resp: 1587140
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.2
119 33.5 26.0 39.0

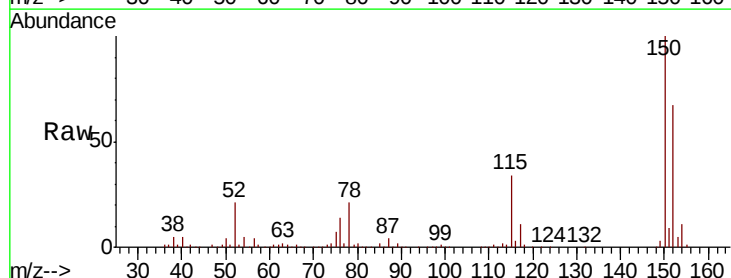


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060201.D
Acq: 25 Oct 2018 18:06

Tgt Ion:152 Resp: 629264
Ion Ratio Lower Upper
152 100
115 51.5 27.1 81.2
150 150.3 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

