

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060202.D
 Acq On : 25 Oct 2018 18:35
 Operator : JC/SY
 Sample : J5658-06
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-004

Quant Time: Oct 26 04:09:28 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	6.41	168	1667992	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2255107	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1680074	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	598037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	687648	54.39	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	6.32	113	849665	49.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	9.46	98	2235735	45.78	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.42	95	712688	38.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.96%	

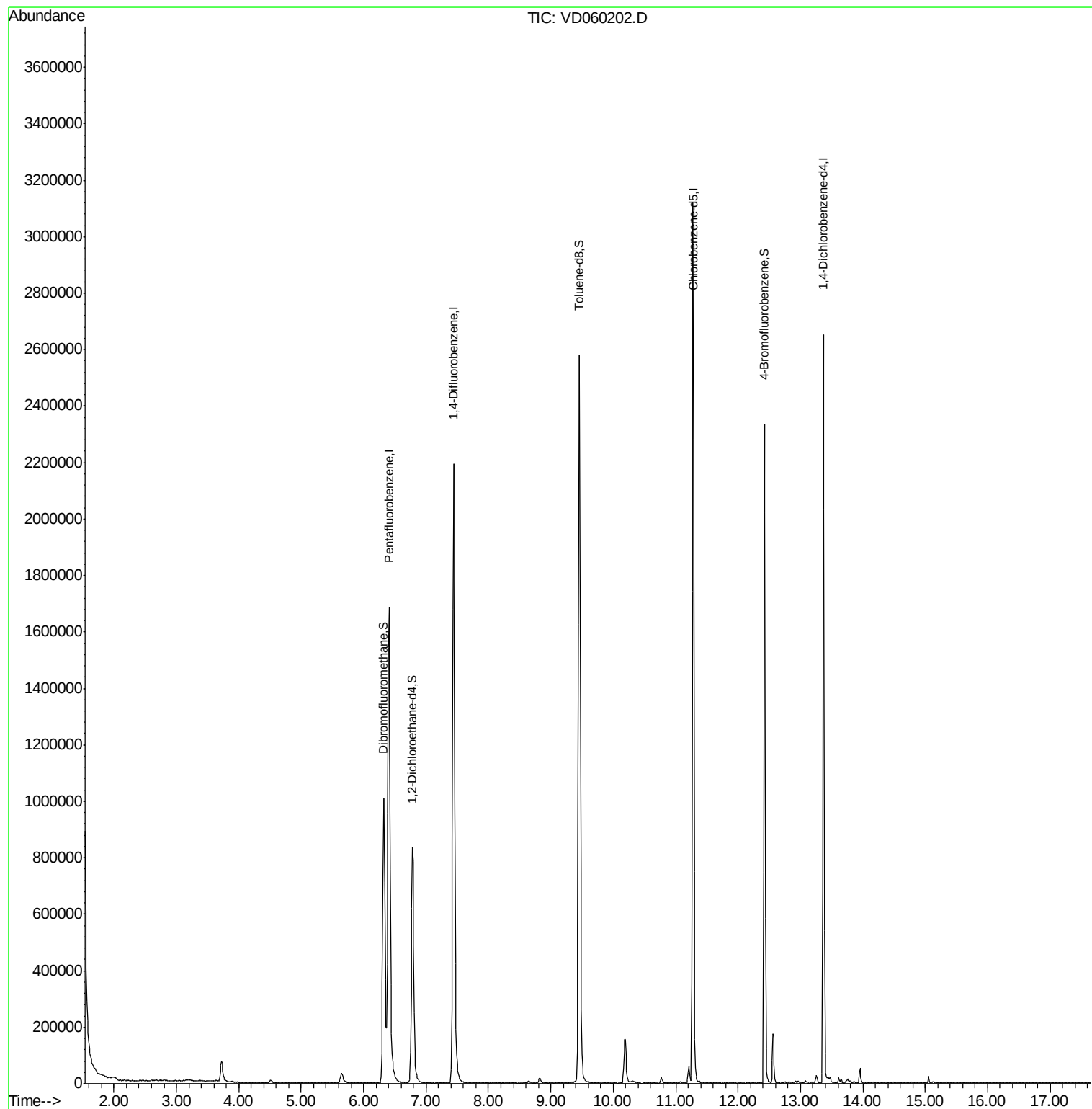
Target Compounds	Qvalue

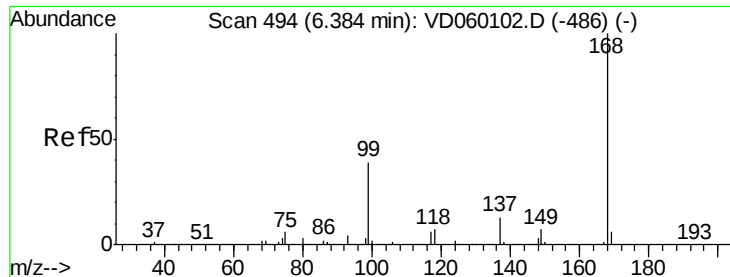
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

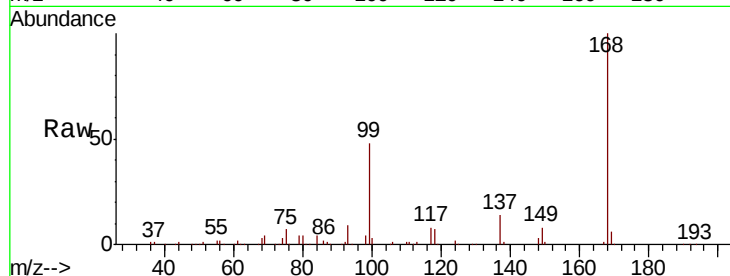
JC-TS-004

Tot Ion:168 Resp: 1667992

Ion Ratio Lower Upper

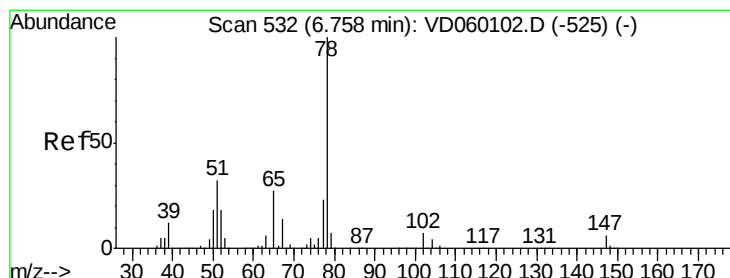
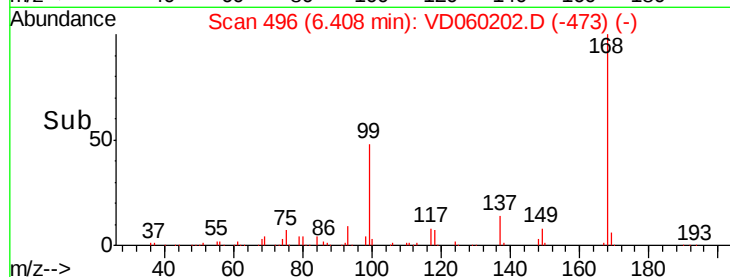
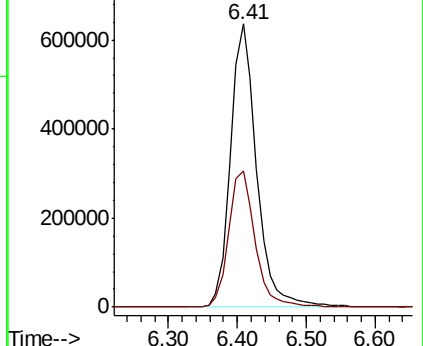
168 100

99 48.3 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: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060202.D

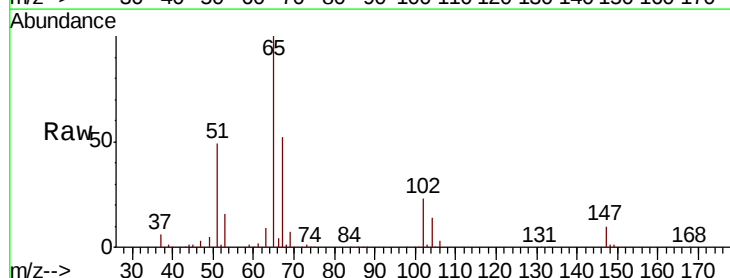
Acq: 25 Oct 2018 18:35

Tgt Ion: 65 Resp: 687648

Ion Ratio Lower Upper

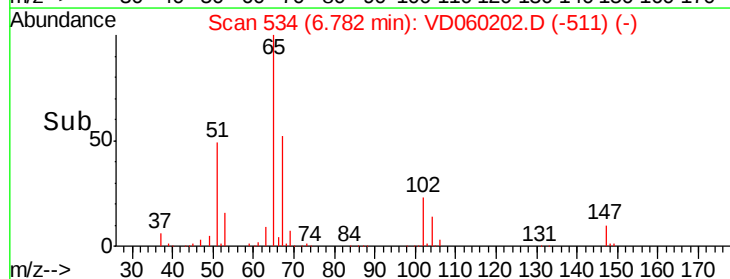
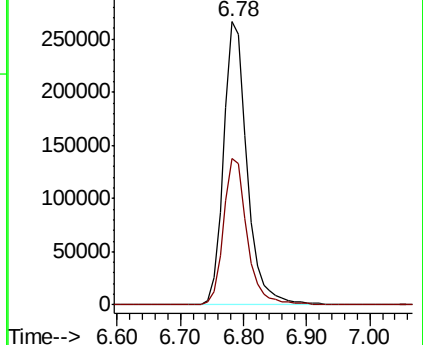
65 100

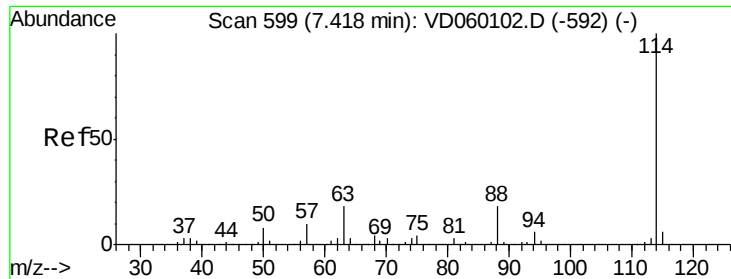
67 51.6 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

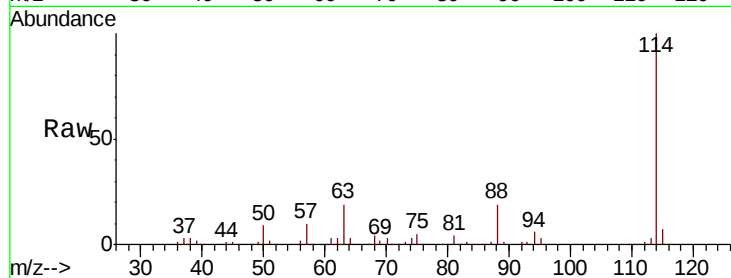




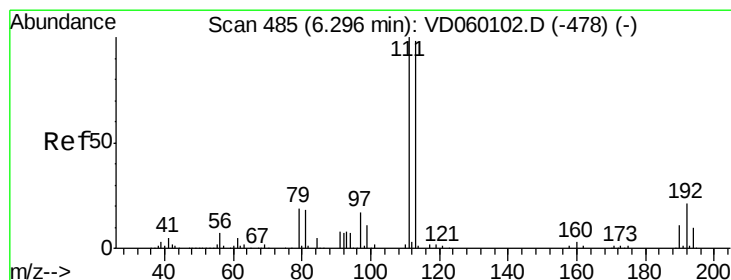
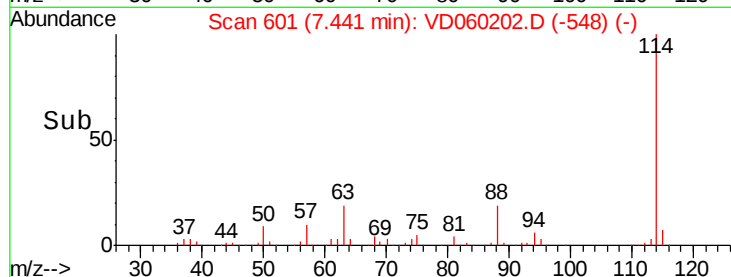
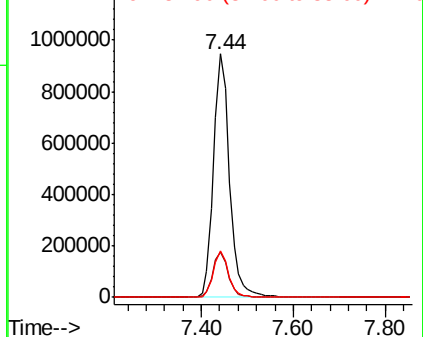
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060202.D
 Acq: 25 Oct 2018 18:35

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-004

Tot Ion:114 Resp: 2255107
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 19.1 0.0 36.2

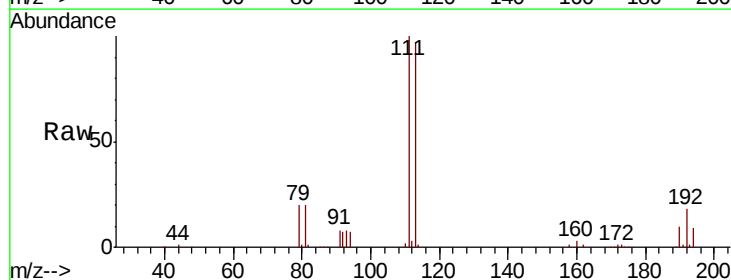


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

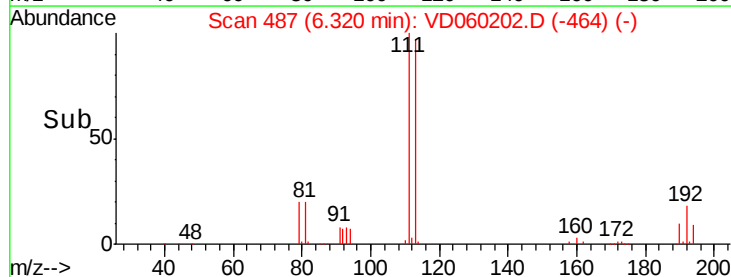
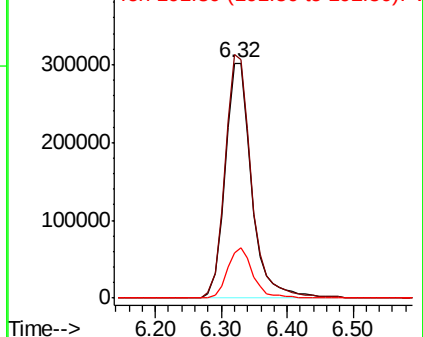


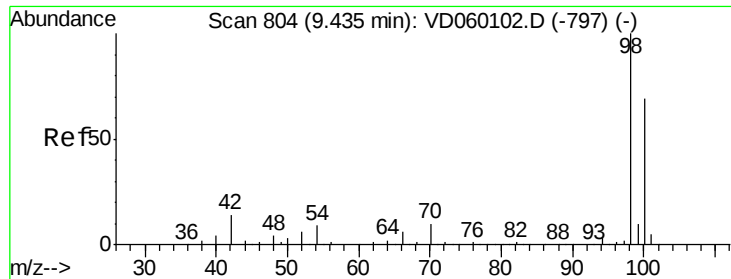
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060202.D
 Acq: 25 Oct 2018 18:35

Tgt Ion:113 Resp: 849665
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.5 122.3
 192 19.1 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

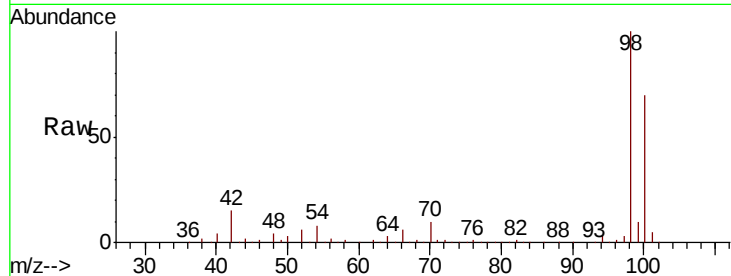




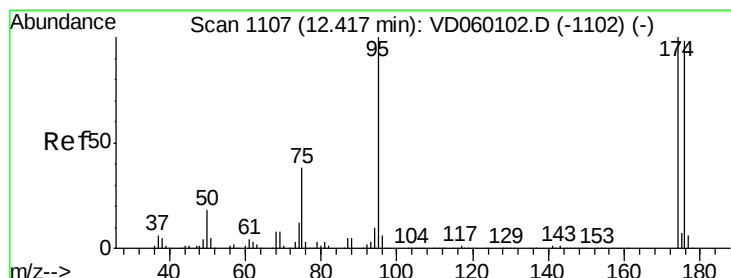
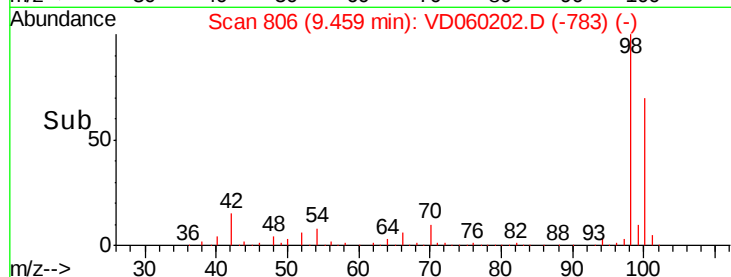
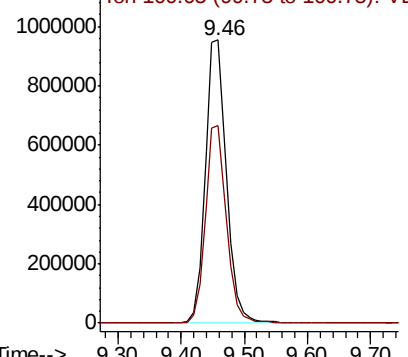
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060202.D
Acq: 25 Oct 2018 18:35

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-004

Tot Ion: 98 Resp: 2235735
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0

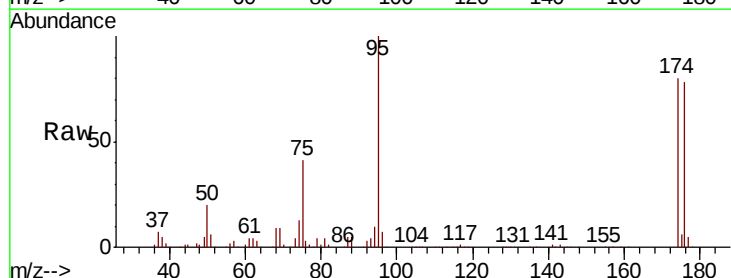


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

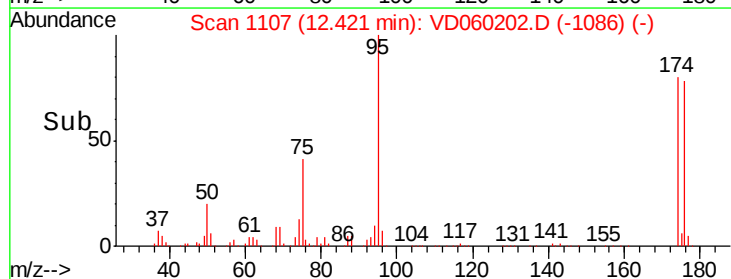
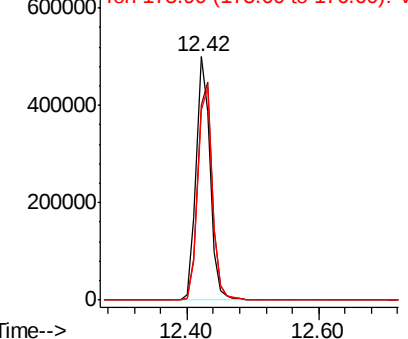


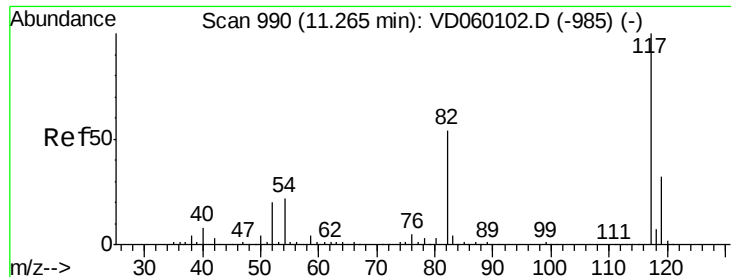
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060202.D
Acq: 25 Oct 2018 18:35

Tgt Ion: 95 Resp: 712688
Ion Ratio Lower Upper
95 100
174 80.1 0.0 200.2
176 78.2 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

Instrument :

MSVOA_D

ClientSampleId :

JC-TS-004

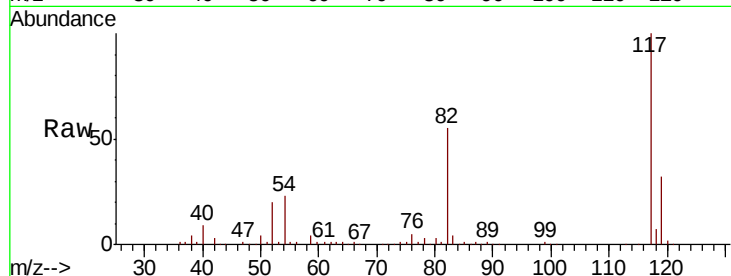
Tot Ion:117 Resp: 1680074

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.2

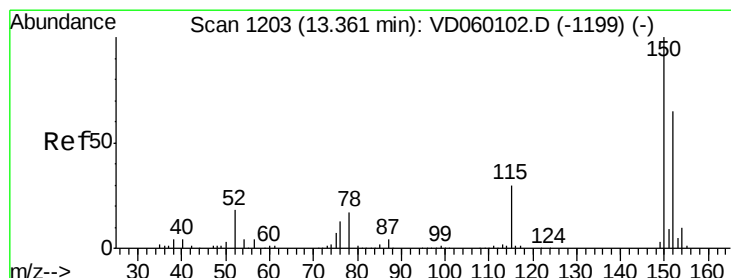
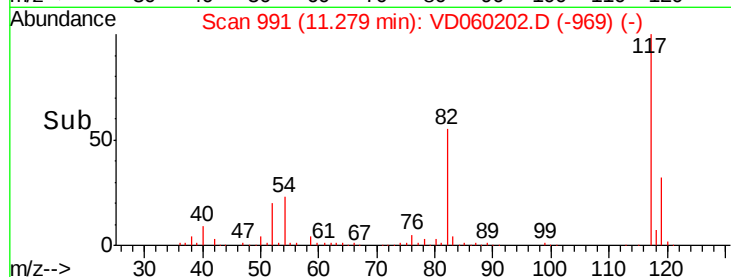
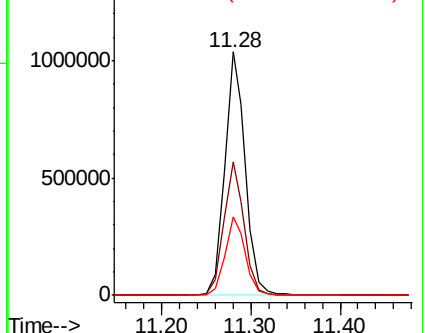
119 32.1 26.0 39.0



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# 1203

Delta R.T. 0.00 min

Lab File: VD060202.D

Acq: 25 Oct 2018 18:35

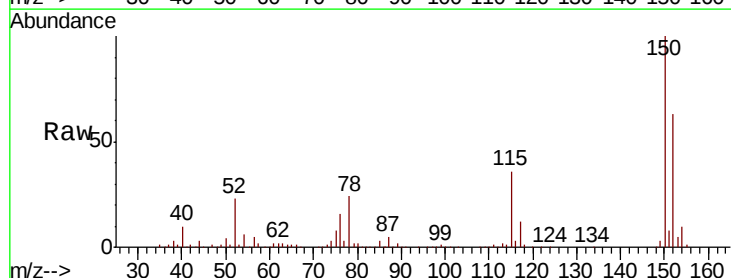
Tgt Ion:152 Resp: 598037

Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.2

150 158.2 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

