

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060044.D
 Acq On : 19 Sep 2018 16:43
 Operator : JC/SY
 Sample : J4987-01
 Misc : 4.88g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Quant Time: Sep 21 16:30:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	993809	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.44	114	1429367	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1168922	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	556882	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	361518	46.65	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	6.32	113	433348	38.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.62%	
50) Toluene-d8	9.46	98	1118075	36.13	ug/l	0.02
Spiked Amount	50.000		Recovery	=	72.26%	
62) 4-Bromofluorobenzene	12.43	95	413994	35.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.02%	

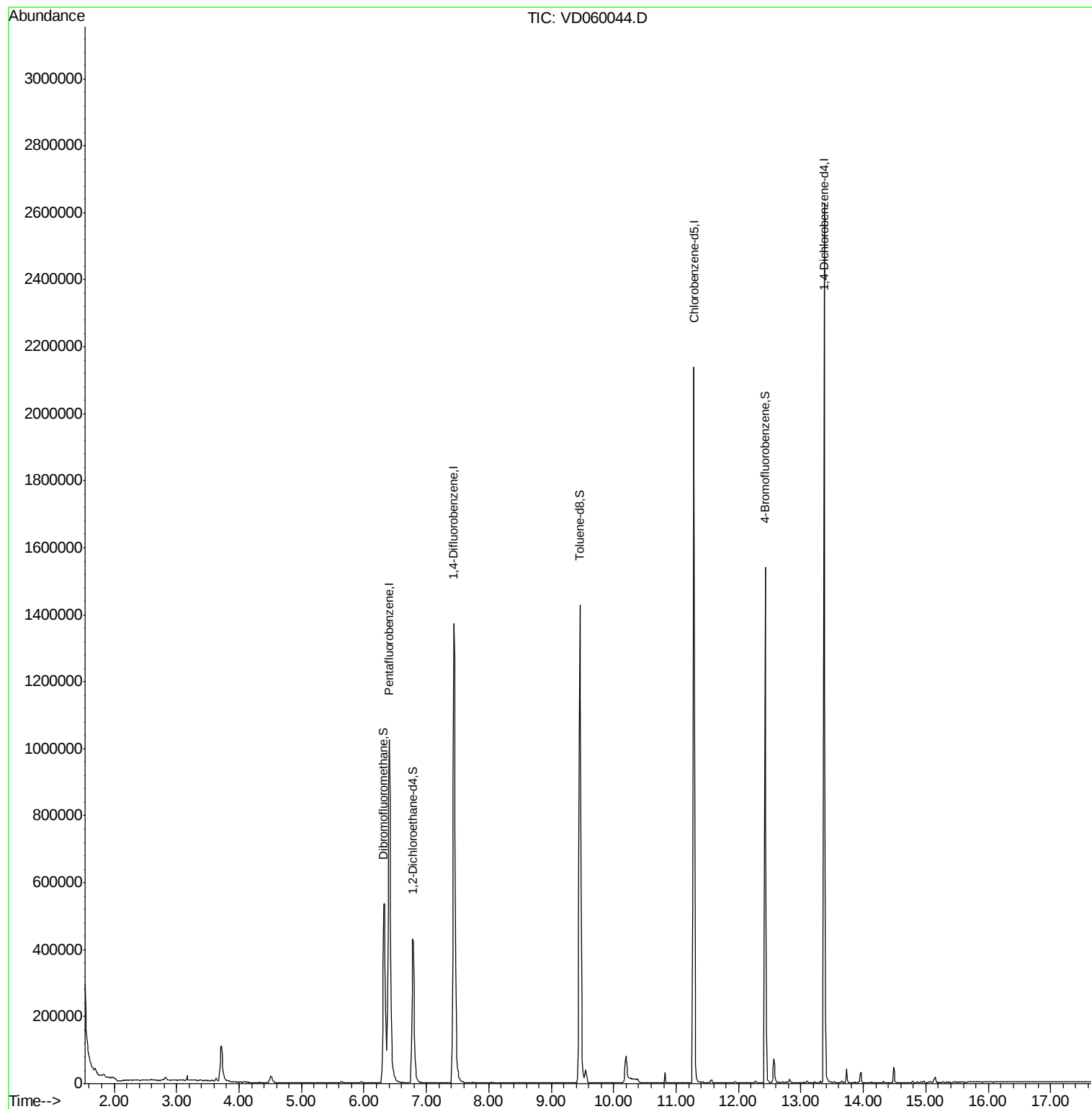
Target Compounds	Qvalue
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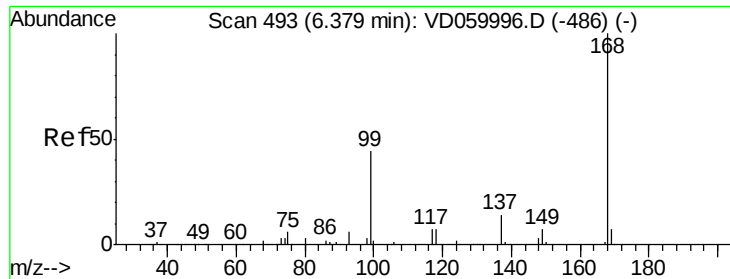
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091918\
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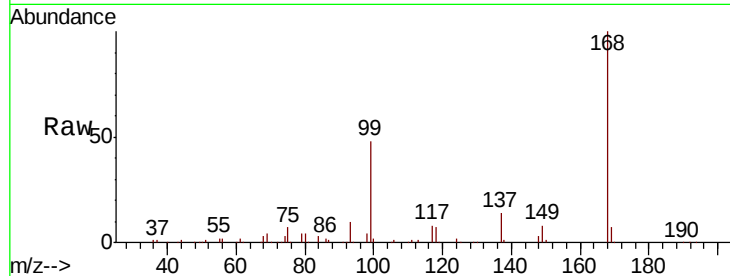


#1

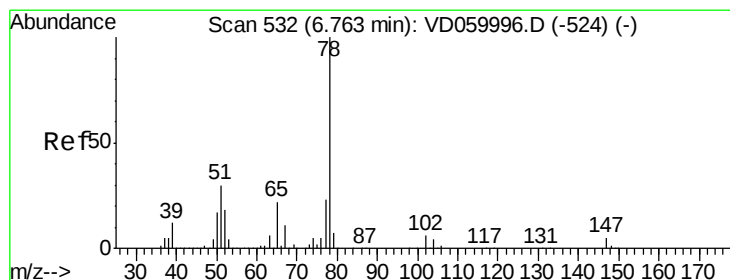
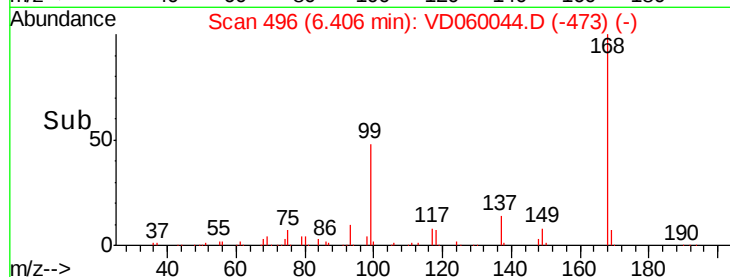
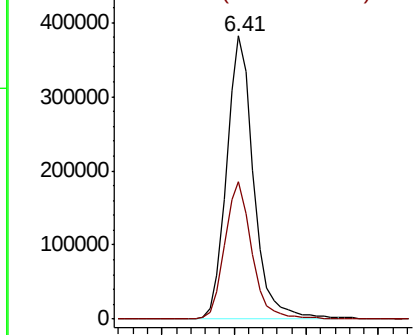
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. 0.03 min
 Lab File: VD060044.D
 Acq: 19 Sep 2018 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Tot Ion:168 Resp: 993809
 Ion Ratio Lower Upper
 168 100
 99 48.4 38.5 57.7



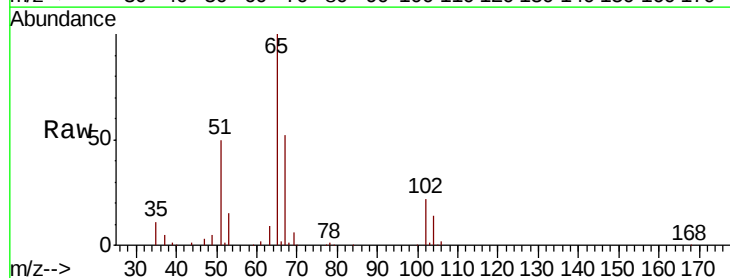
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



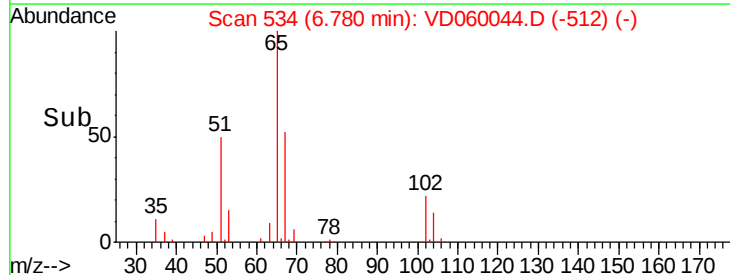
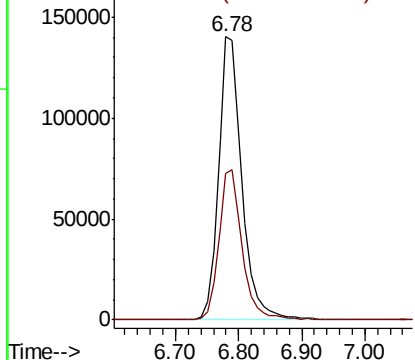
#33

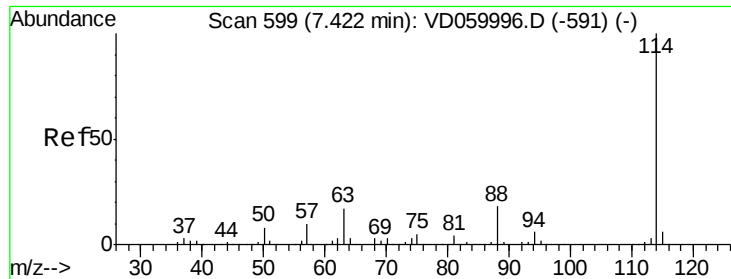
1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060044.D
 Acq: 19 Sep 2018 16:43

Tgt Ion: 65 Resp: 361518
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

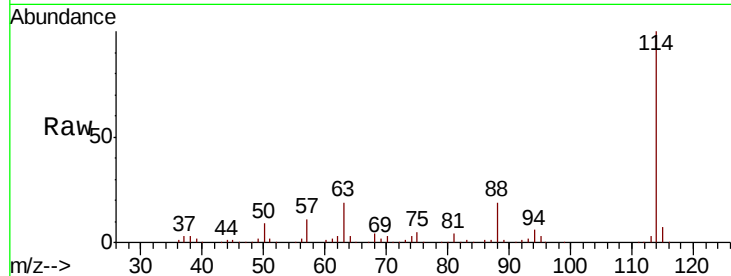




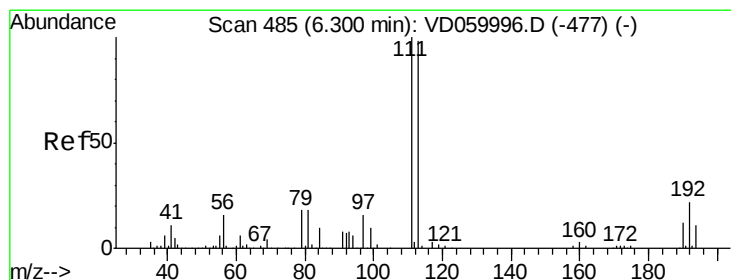
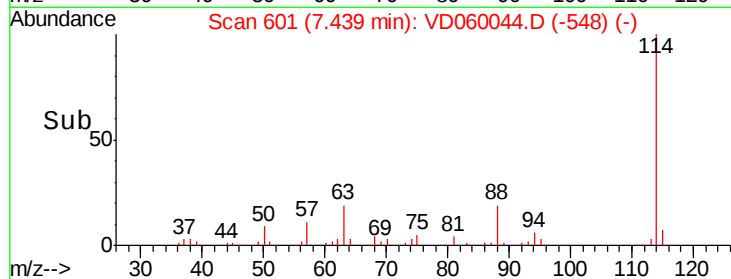
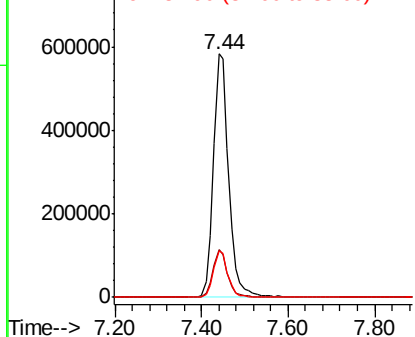
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060044.D
 Acq: 19 Sep 2018 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200036

Tot Ion:114 Resp: 1429367
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.4
 88 19.1 0.0 35.8

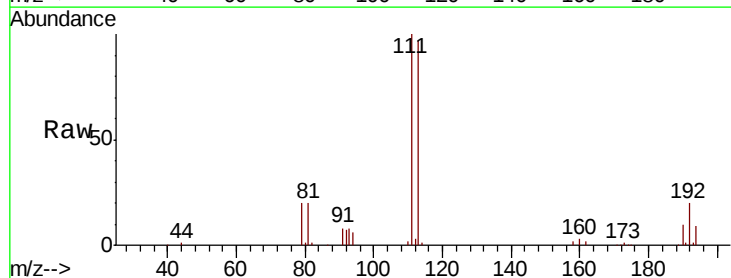


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

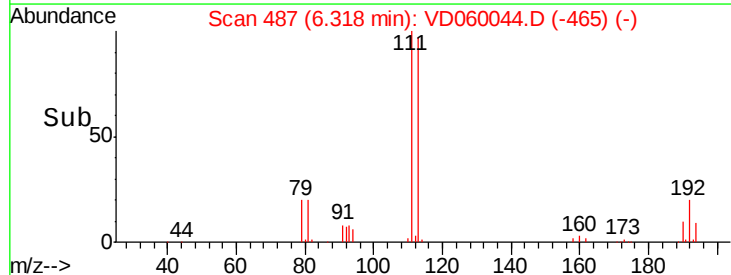
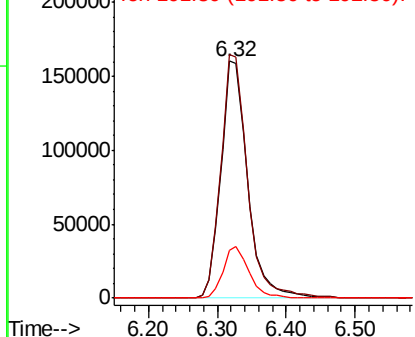


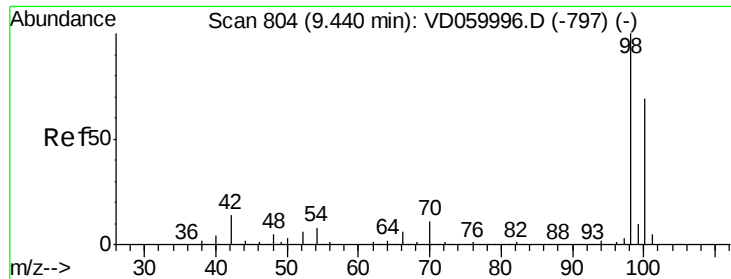
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060044.D
 Acq: 19 Sep 2018 16:43

Tgt Ion:113 Resp: 433348
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 20.2 18.1 27.1



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

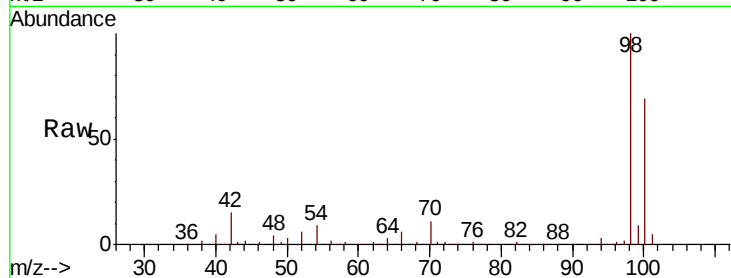




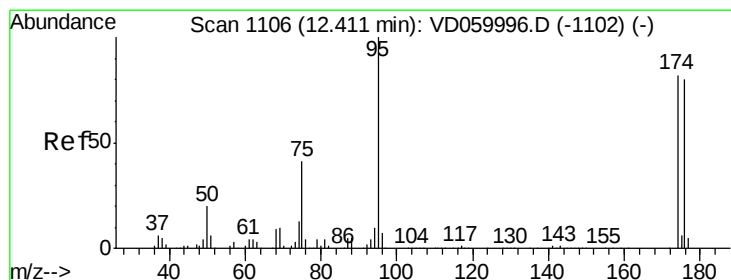
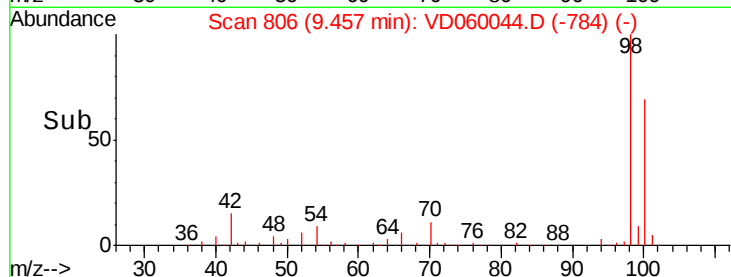
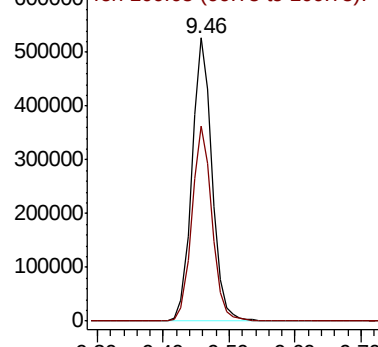
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060044.D
Acq: 19 Sep 2018 16:43

Instrument :
MSVOA_D
ClientSampleId :
RBR200036

Tot Ion: 98 Resp: 1118075
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.6

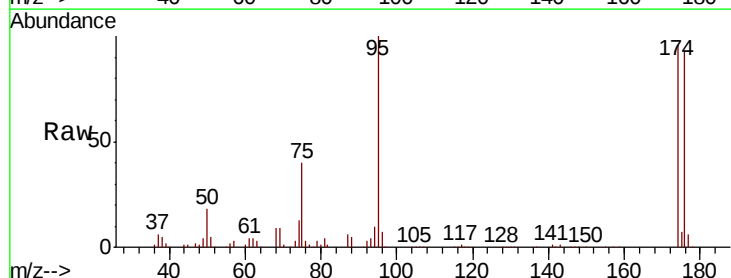


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

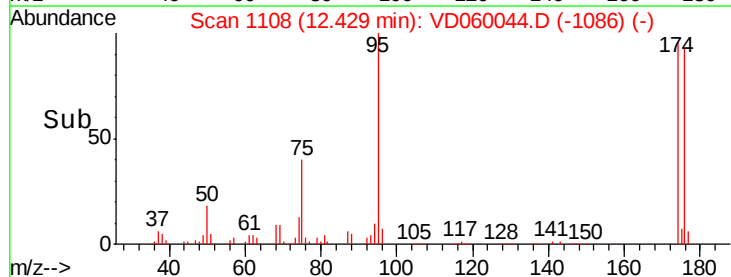
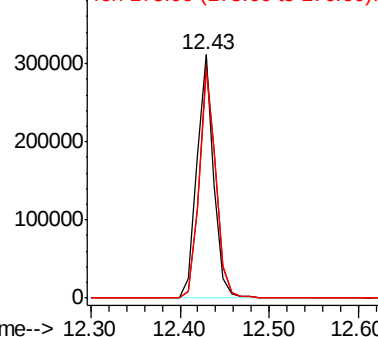


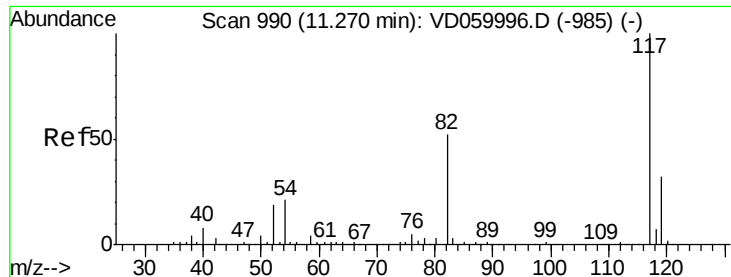
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VD060044.D
Acq: 19 Sep 2018 16:43

Tgt Ion: 95 Resp: 413994
Ion Ratio Lower Upper
95 100
174 95.7 0.0 165.0
176 93.0 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: VD060044.D

Acq: 19 Sep 2018 16:43

Instrument :

MSVOA_D

ClientSampleID :

RBR200036

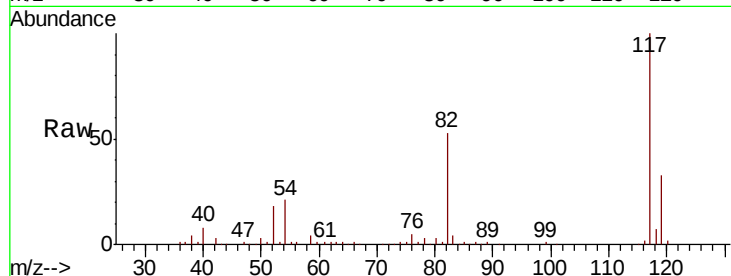
Tot Ion:117 Resp: 1168922

Ion Ratio Lower Upper

117 100

82 52.6 41.7 62.5

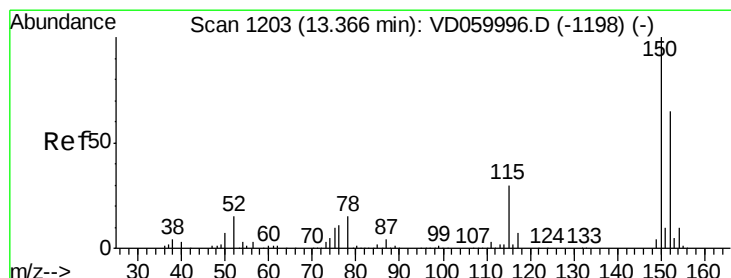
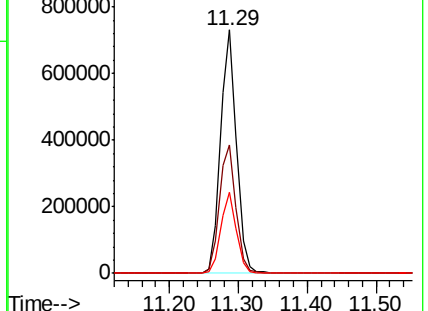
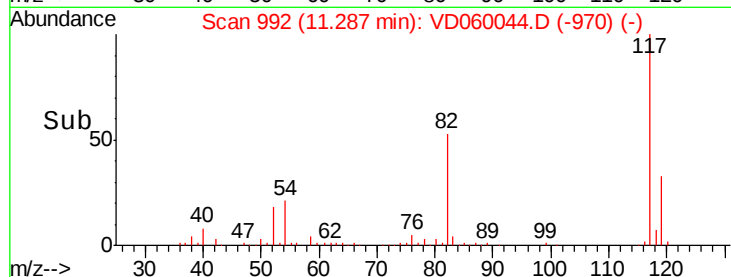
119 33.4 26.0 39.0



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: VD060044.D

Acq: 19 Sep 2018 16:43

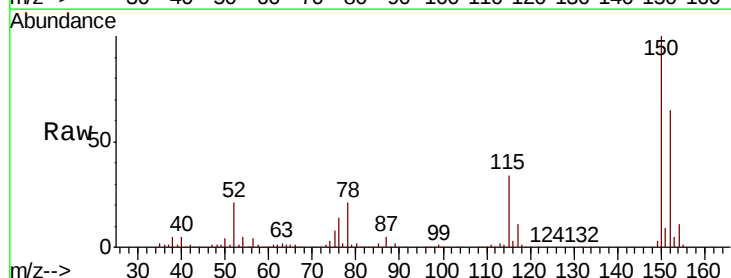
Tgt Ion:152 Resp: 556882

Ion Ratio Lower Upper

152 100

115 52.0 24.6 73.8

150 154.2 0.0 313.4



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

