

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060043.D
 Acq On : 19 Sep 2018 16:15
 Operator : JC/SY
 Sample : J5001-02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-OILY-STONE

Quant Time: Sep 21 16:29:10 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	1481490	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2046548	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1676746	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	894683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	444933	38.51	ug/l	0.03
Spiked Amount	50.000		Recovery	=	77.02%	
35) Dibromofluoromethane	6.33	113	621557	38.87	ug/l	0.03
Spiked Amount	50.000		Recovery	=	77.74%	
50) Toluene-d8	9.46	98	1657432	37.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	74.80%	
62) 4-Bromofluorobenzene	12.43	95	631761	37.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	74.64%	

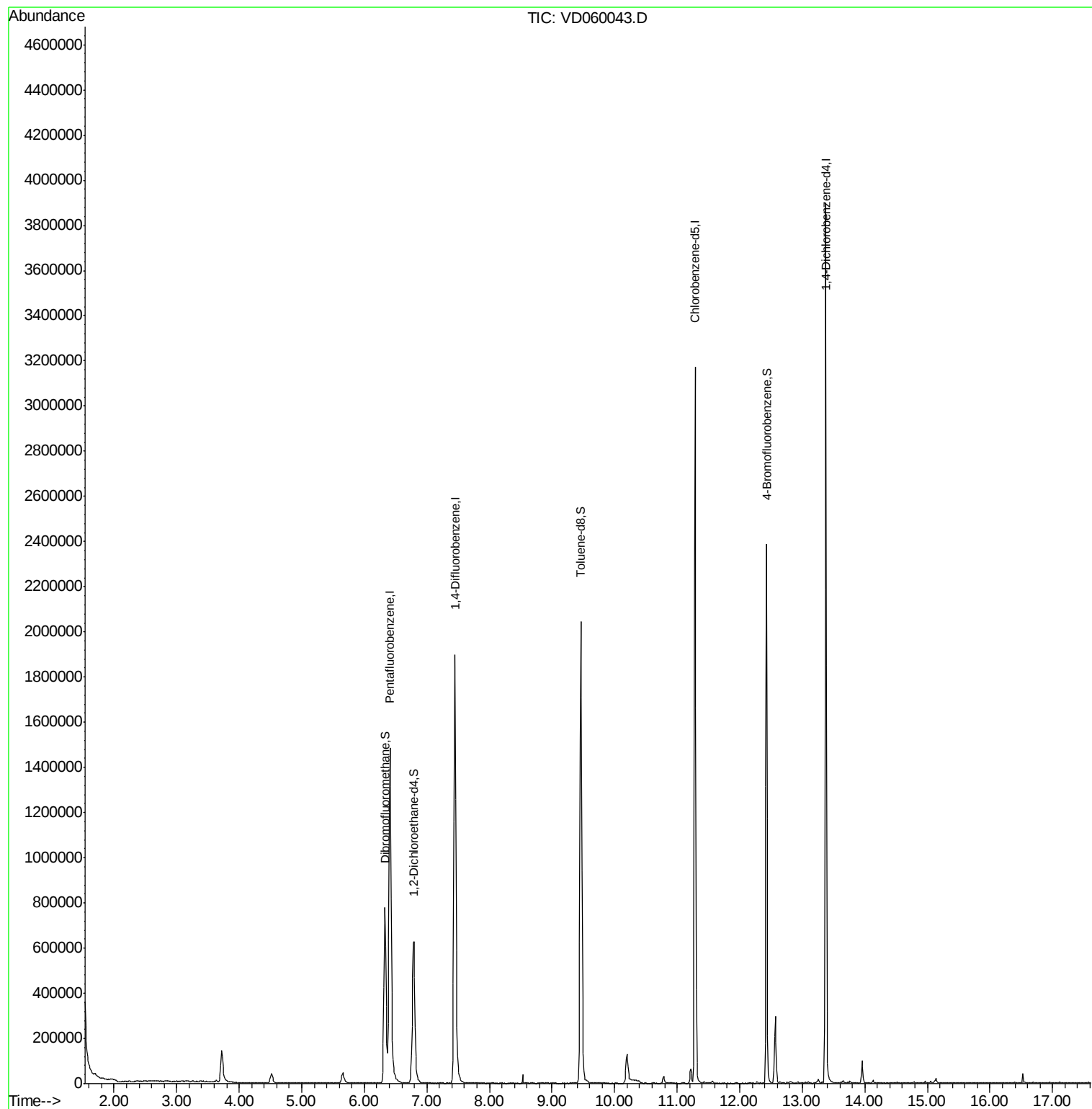
Target Compounds	Qvalue

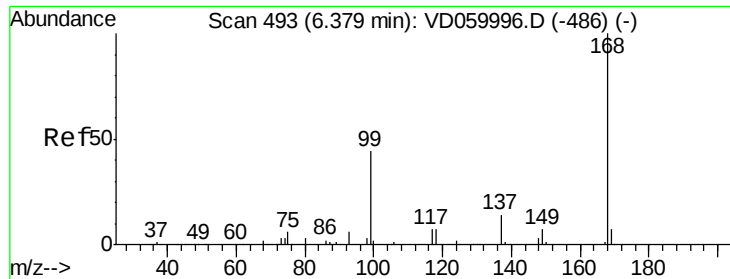
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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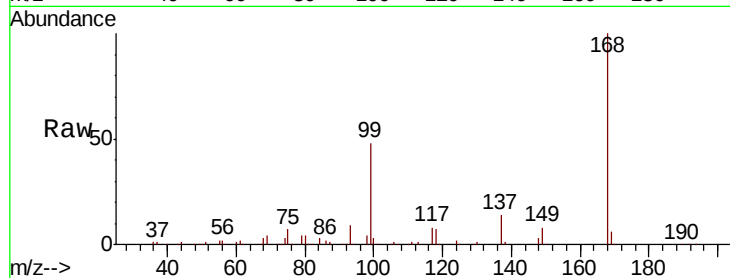




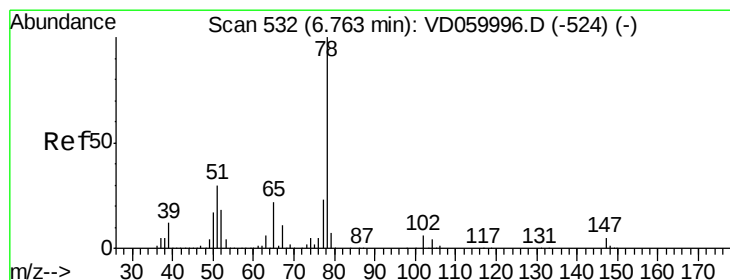
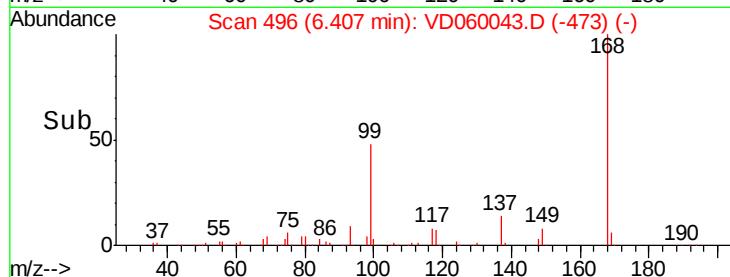
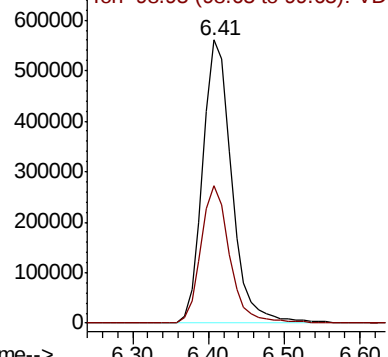
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.03 min
Lab File: VD060043.D
Acq: 19 Sep 2018 16:15

Instrument :
MSVOA_D
ClientSampleId :
BS-OILY-STONE

Tot Ion:168 Resp: 1481490
Ion Ratio Lower Upper
168 100
99 48.5 38.5 57.7

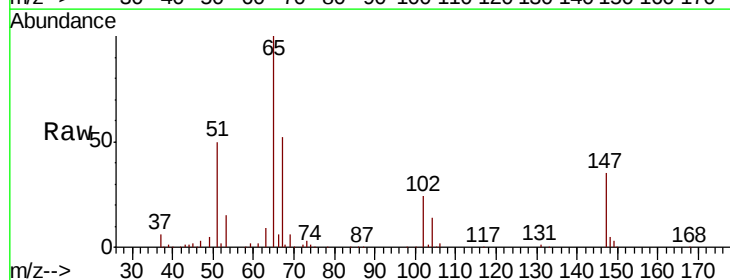


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

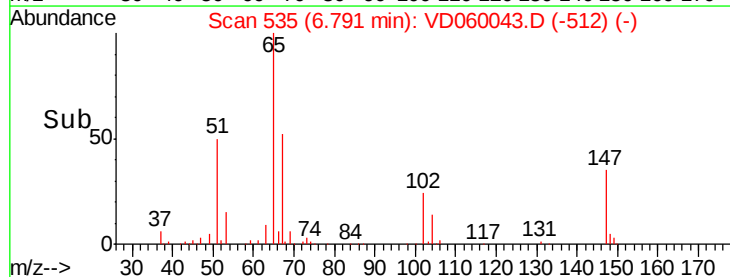
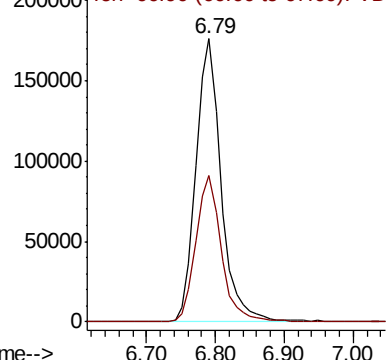


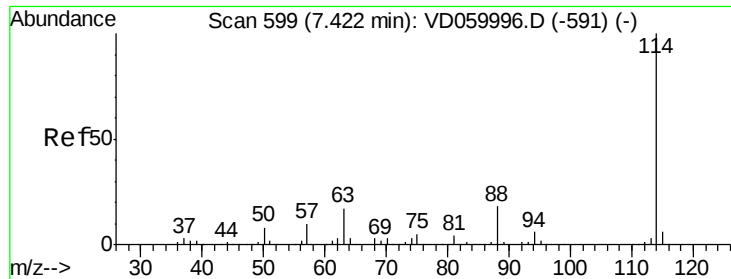
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060043.D
Acq: 19 Sep 2018 16:15

Tgt Ion: 65 Resp: 444933
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8



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

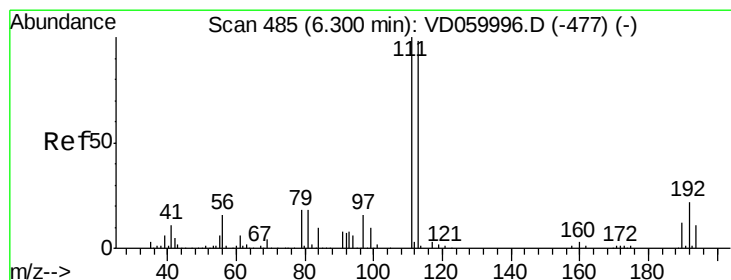
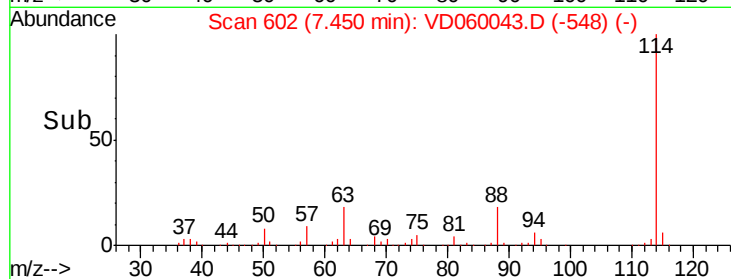
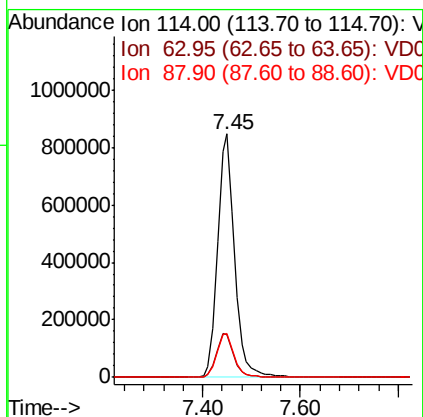
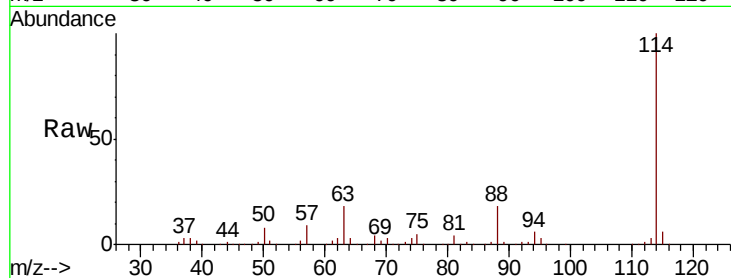




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060043.D
 Acq: 19 Sep 2018 16:15

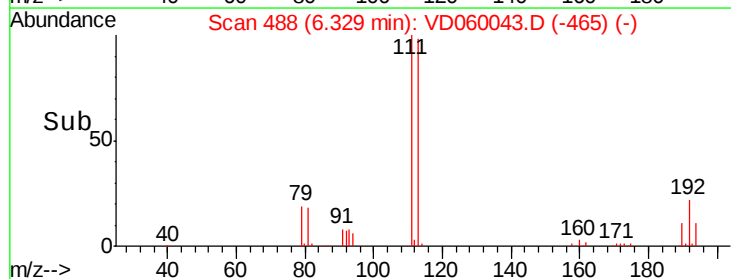
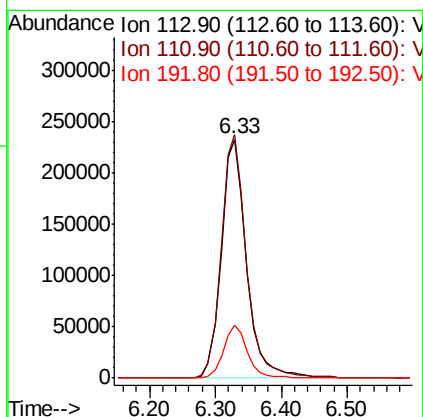
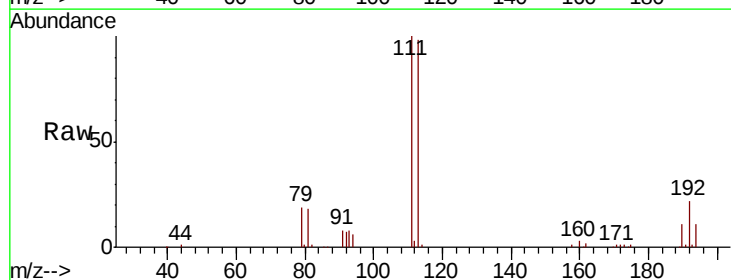
Instrument :
 MSVOA_D
 ClientSampleId :
 BS-OILY-STONE

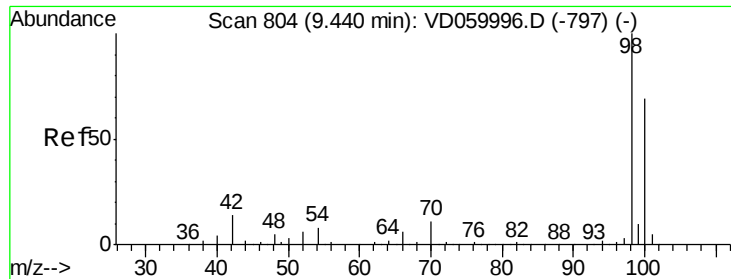
Tot Ion:114 Resp: 2046548
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 18.1 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060043.D
 Acq: 19 Sep 2018 16:15

Tgt Ion:113 Resp: 621557
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 22.4 18.1 27.1

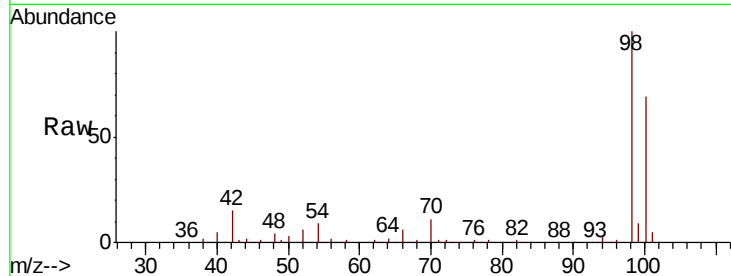




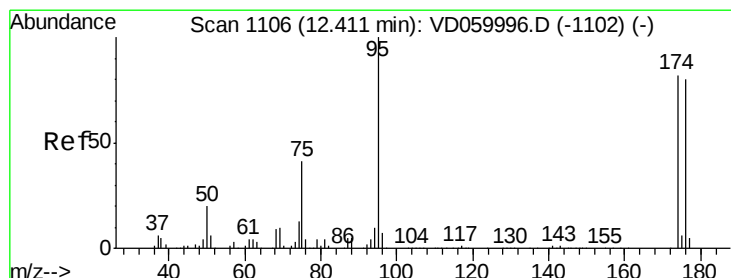
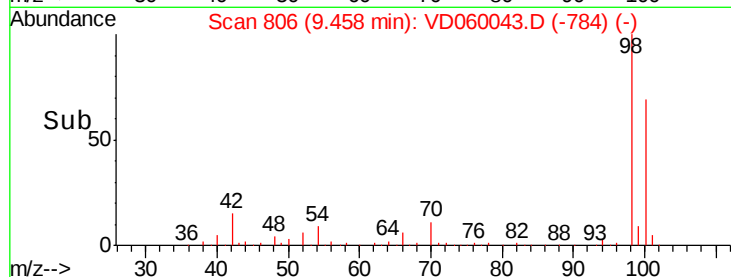
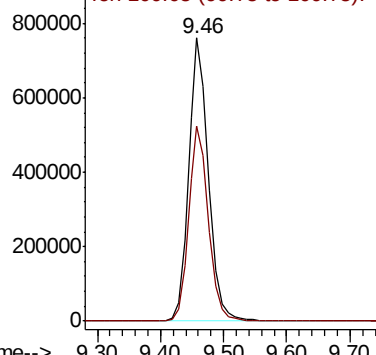
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060043.D
Acq: 19 Sep 2018 16:15

Instrument :
MSVOA_D
ClientSampleId :
BS-OILY-STONE

Tot Ion: 98 Resp: 1657432
Ion Ratio Lower Upper
98 100
100 68.8 55.8 83.6

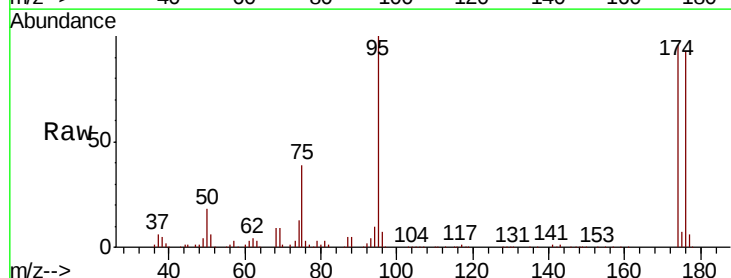


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

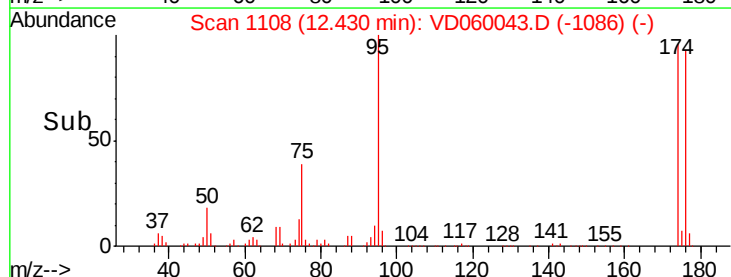
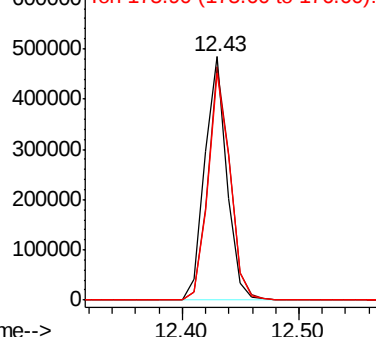


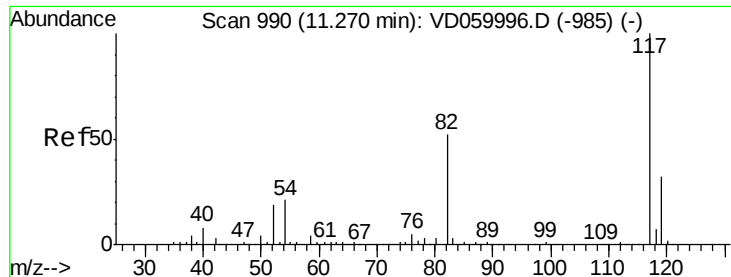
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VD060043.D
Acq: 19 Sep 2018 16:15

Tgt Ion: 95 Resp: 631761
Ion Ratio Lower Upper
95 100
174 95.9 0.0 165.0
176 93.0 0.0 160.2



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: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060043.D

Acq: 19 Sep 2018 16:15

Instrument :

MSVOA_D

ClientSampleId :

BS-OILY-STONE

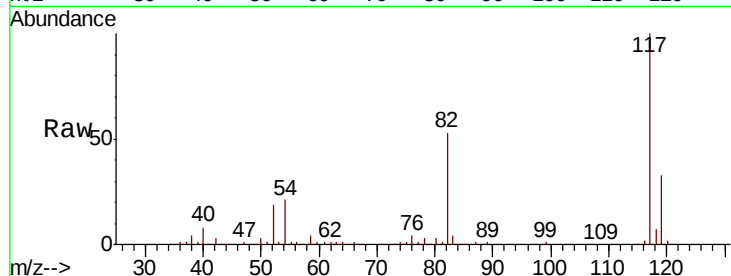
Tot Ion:117 Resp: 1676746

Ion Ratio Lower Upper

117 100

82 53.1 41.7 62.5

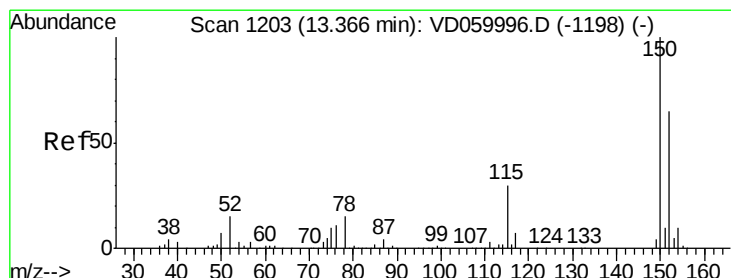
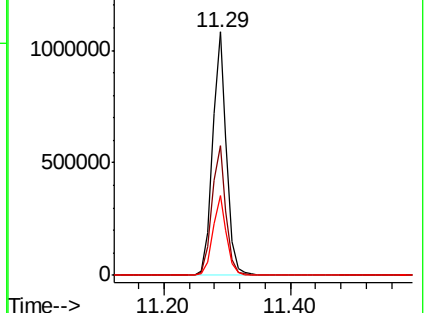
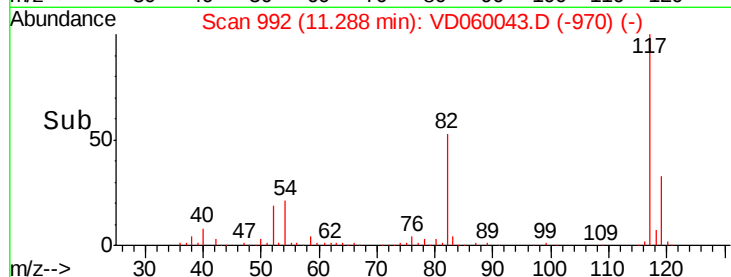
119 32.5 26.0 39.0



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: VD060043.D

Acq: 19 Sep 2018 16:15

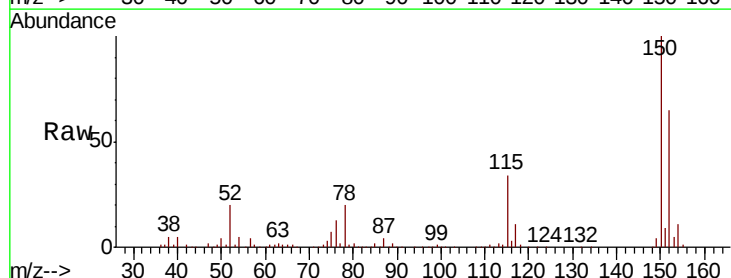
Tgt Ion:152 Resp: 894683

Ion Ratio Lower Upper

152 100

115 52.2 24.6 73.8

150 154.3 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

