

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061699.D
 Acq On : 10 Apr 2019 4:49
 Operator : VA/AP
 Sample : K2338-01
 Misc : 6.15g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-SHALLOW

Quant Time: Apr 10 05:47:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

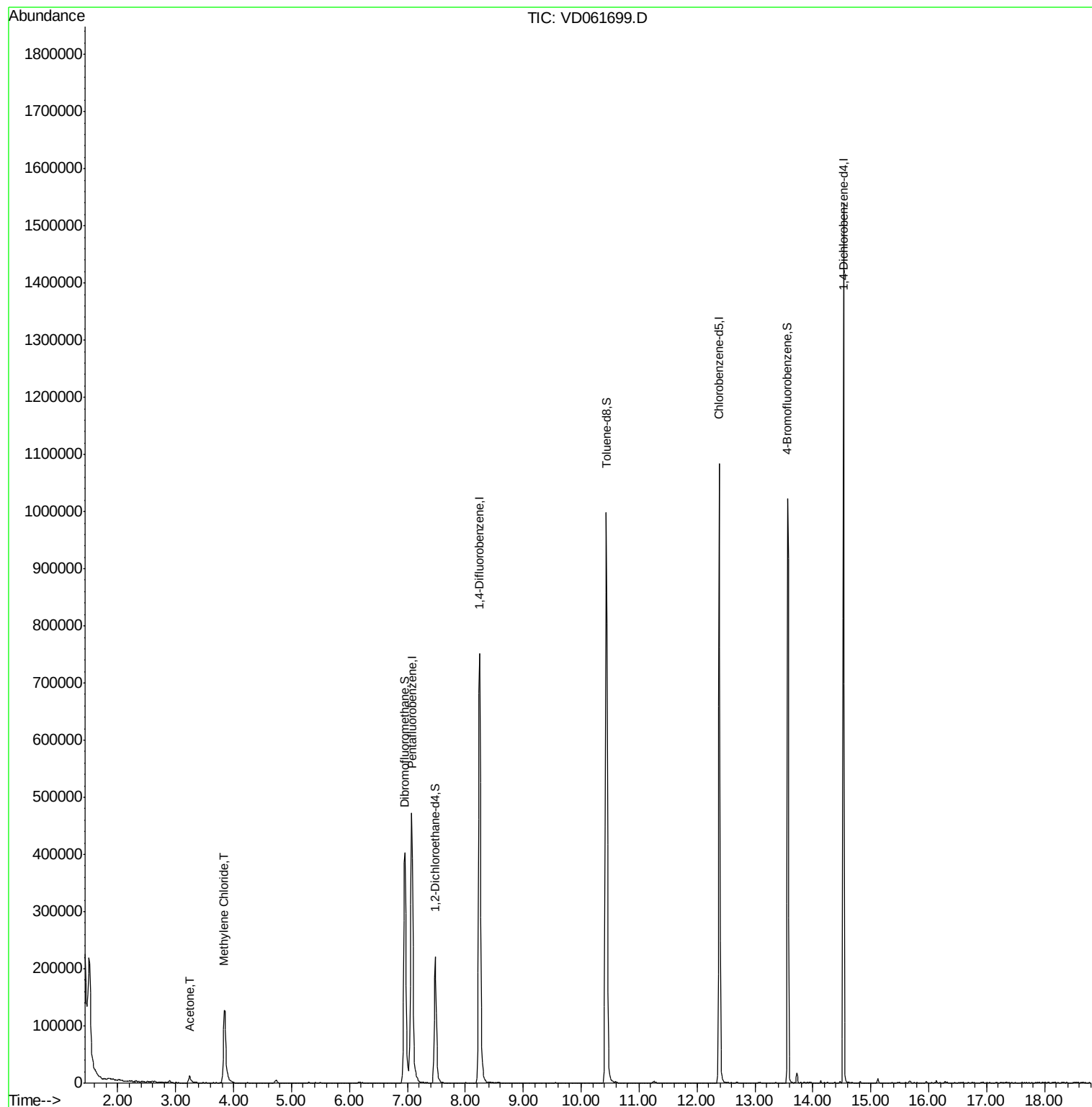
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	517233	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.25	114	941316	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	684999	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	348030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	216573	55.24	ug/l	0.03
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	6.96	113	383445	58.80	ug/l	0.04
Spiked Amount 50.000			Recovery	=	117.60%	
50) Toluene-d8	10.43	98	916589	55.94	ug/l	0.03
Spiked Amount 50.000			Recovery	=	111.88%	
62) 4-Bromofluorobenzene	13.56	95	343021	62.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.76%	
Target Compounds						
16) Acetone	3.24	43	25300	21.587	ug/l #	79
20) Methylene Chloride	3.85	84	102122	15.355	ug/l	98

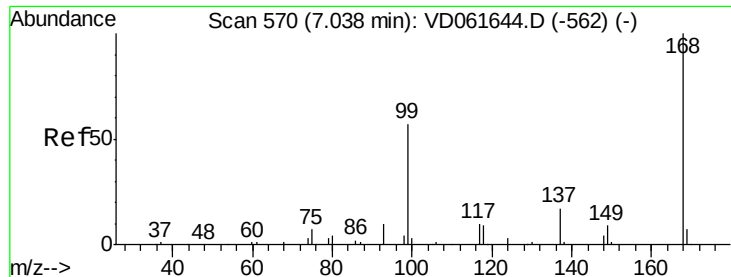
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.04 min

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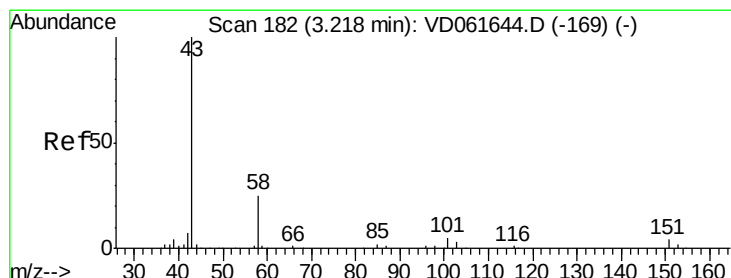
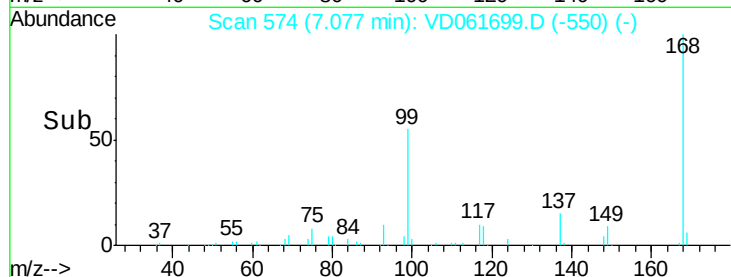
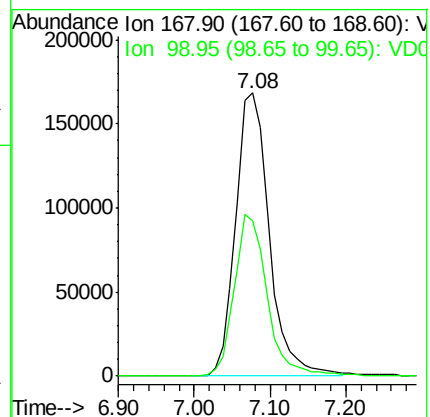
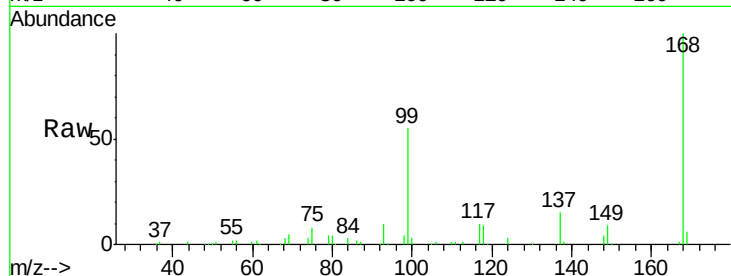
TP-1-SHALLOW

Tot Ion:168 Resp: 517233

Ion Ratio Lower Upper

168 100

99 55.0 46.8 70.2



#16

Acetone

Concen: 21.587 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061699.D

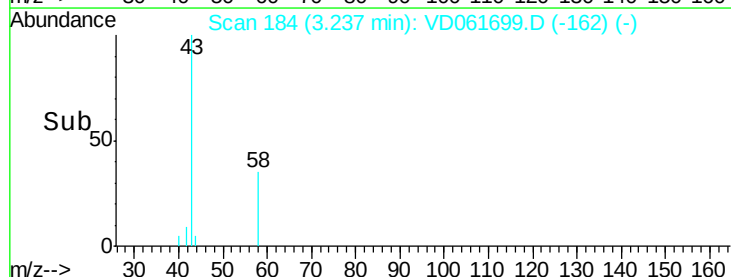
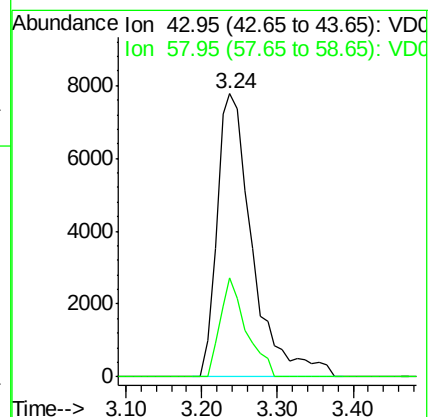
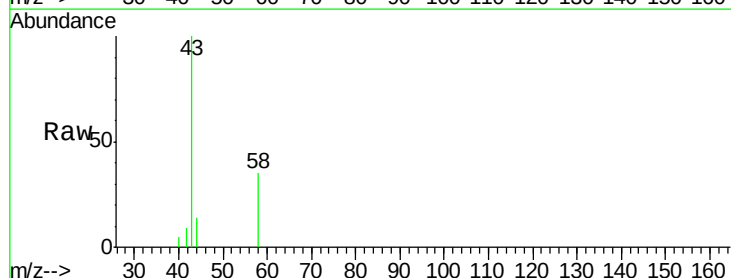
Acq: 10 Apr 2019 4:49

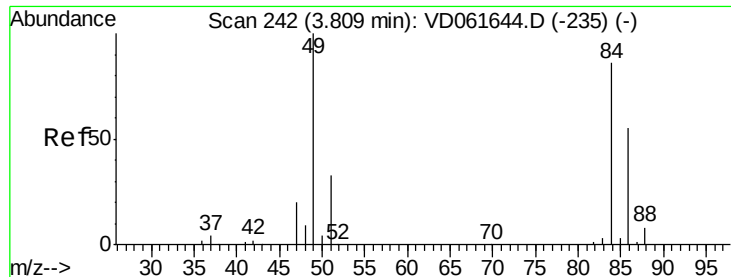
Tgt Ion: 43 Resp: 25300

Ion Ratio Lower Upper

43 100

58 34.9 19.7 29.5#

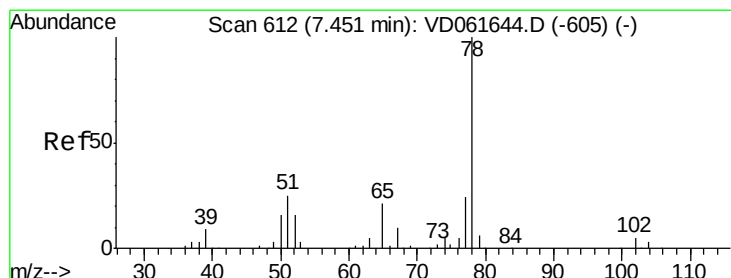
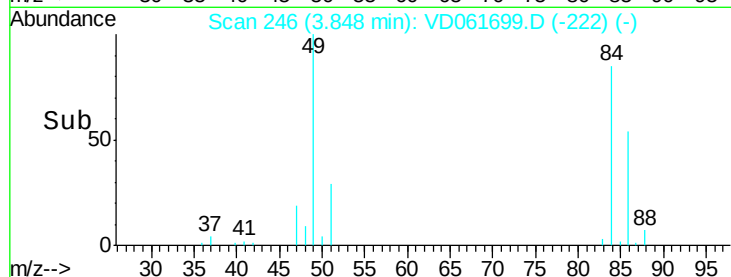
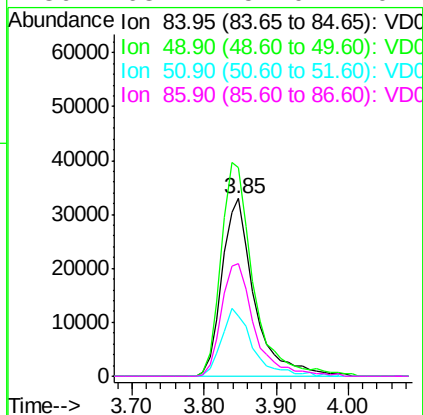
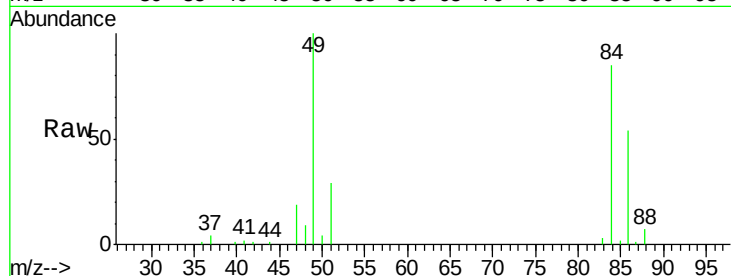




#20
Methylene Chloride
Concen: 15.355 ug/l
RT: 3.85 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061699.D
Acq: 10 Apr 2019 4:49

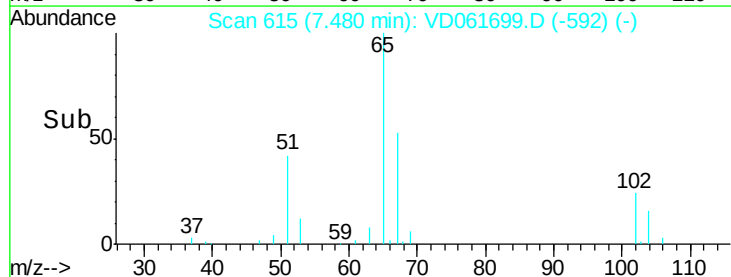
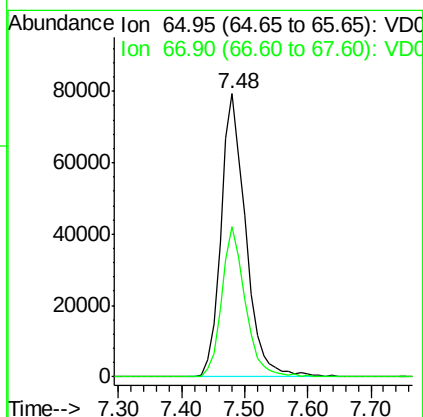
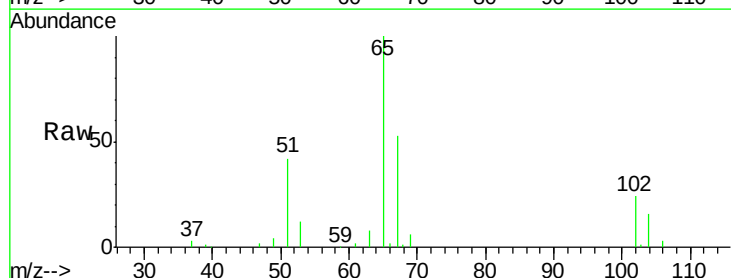
Instrument :
MSVOA_D
ClientSampleId :
TP-1-SHALLOW

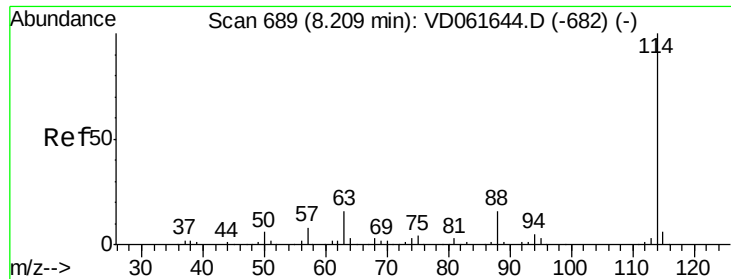
Tot Ion: 84 Resp: 102122
Ion Ratio Lower Upper
84 100
49 117.8 93.0 139.4
51 34.2 30.4 45.6
86 63.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD061699.D
Acq: 10 Apr 2019 4:49

Tgt Ion: 65 Resp: 216573
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

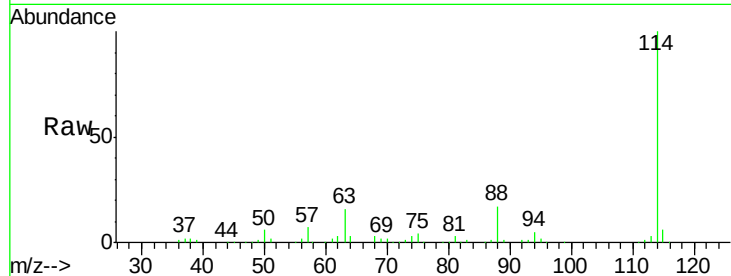




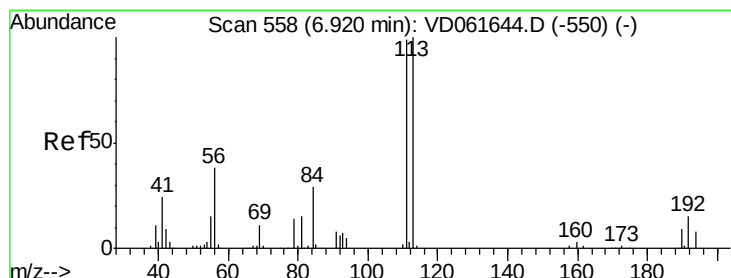
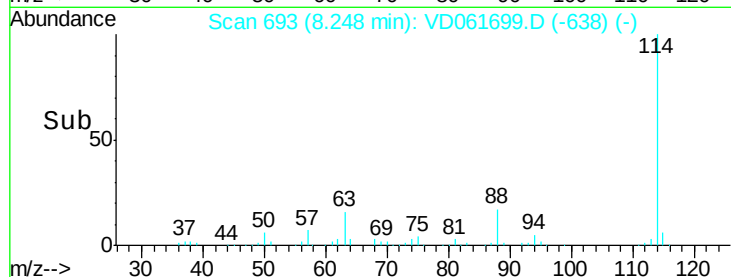
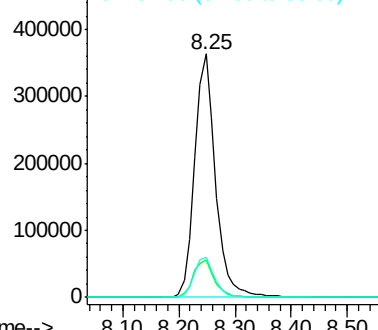
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.04 min
 Lab File: VD061699.D
 Acq: 10 Apr 2019 4:49

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-SHALLOW

Tot Ion:114 Resp: 941316
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.2
 88 16.7 0.0 31.8

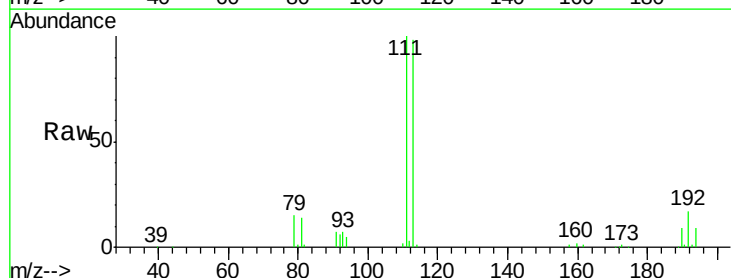


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

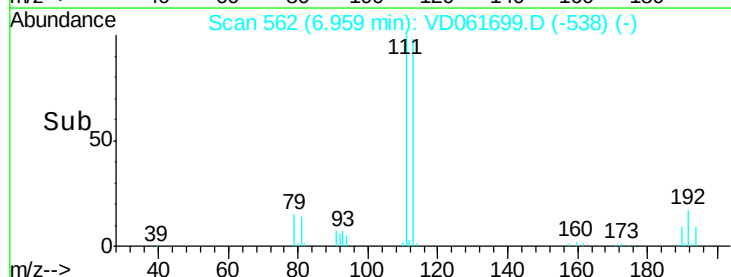
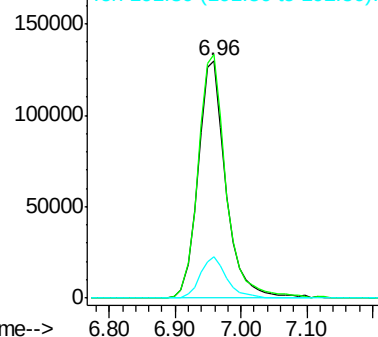


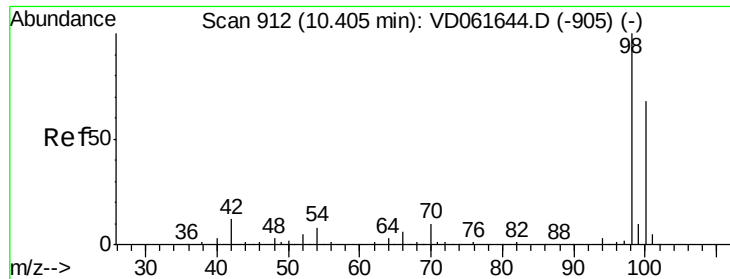
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.96 min Scan# 562
 Delta R.T. 0.04 min
 Lab File: VD061699.D
 Acq: 10 Apr 2019 4:49

Tgt Ion:113 Resp: 383445
 Ion Ratio Lower Upper
 113 100
 111 102.5 79.3 118.9
 192 17.3 12.3 18.5



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

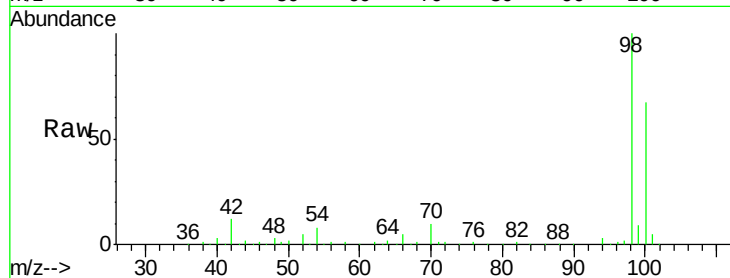




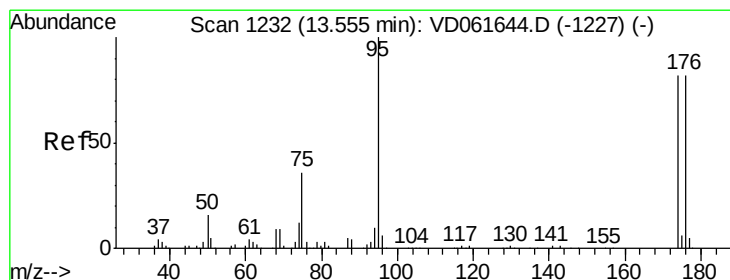
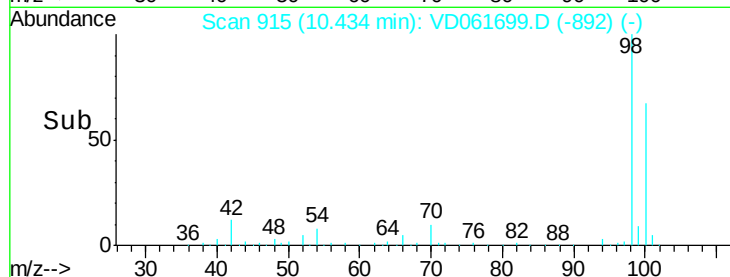
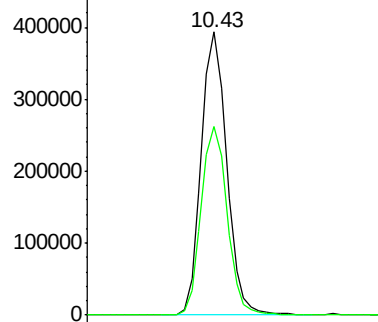
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061699.D
Acq: 10 Apr 2019 4:49

Instrument :
MSVOA_D
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TP-1-SHALLOW

Tot Ion: 98 Resp: 916589
Ion Ratio Lower Upper
98 100
100 66.9 55.4 83.0

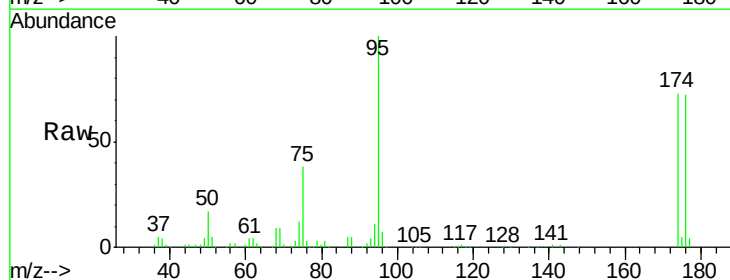


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

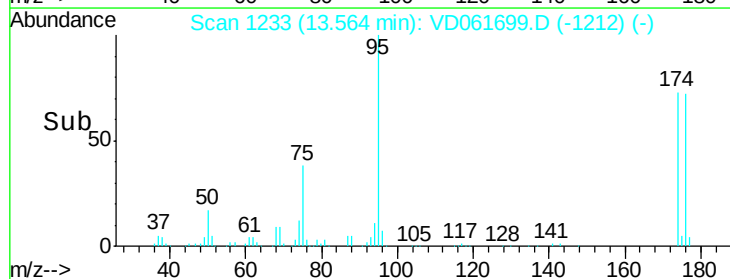
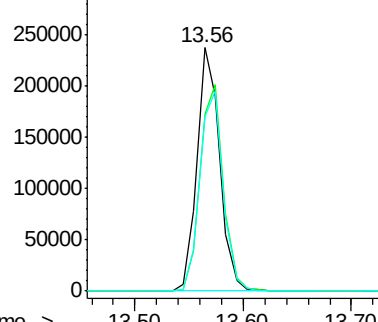


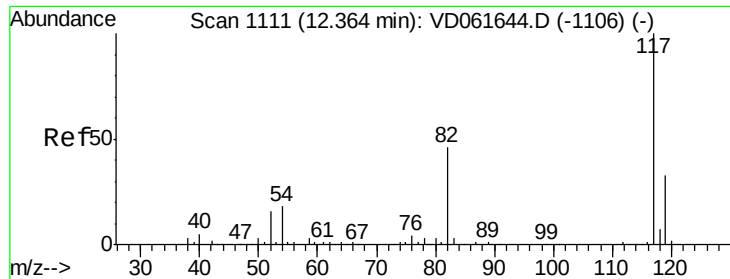
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061699.D
Acq: 10 Apr 2019 4:49

Tgt Ion: 95 Resp: 343021
Ion Ratio Lower Upper
95 100
174 72.8 0.0 164.6
176 71.7 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061699.D

Acq: 10 Apr 2019 4:49

Instrument :

MSVOA_D

ClientSampleId :

TP-1-SHALLOW

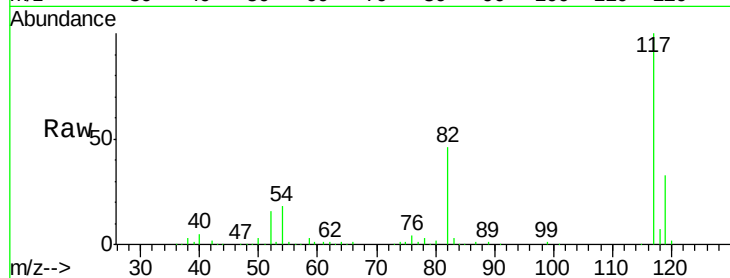
Tot Ion:117 Resp: 684999

Ion Ratio Lower Upper

117 100

82 46.1 36.8 55.2

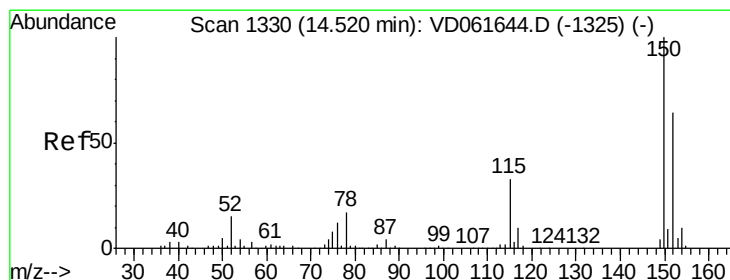
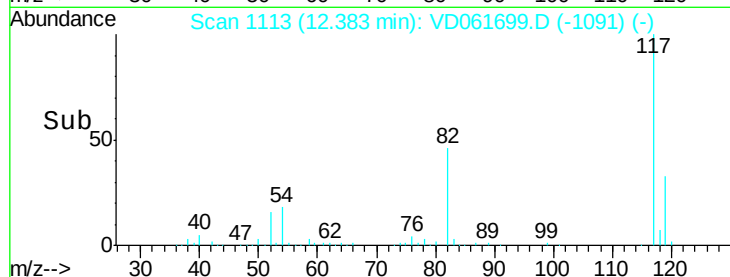
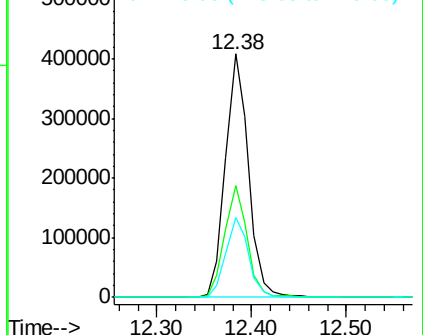
119 32.6 26.1 39.1



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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061699.D

Acq: 10 Apr 2019 4:49

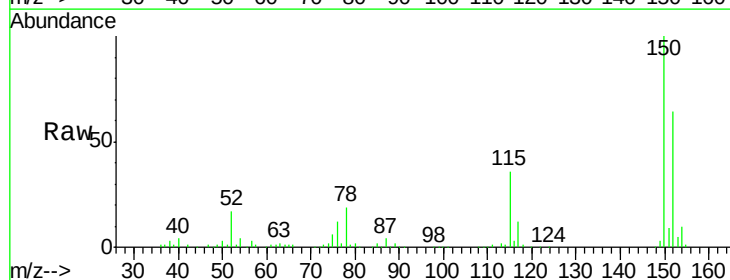
Tgt Ion:152 Resp: 348030

Ion Ratio Lower Upper

152 100

115 56.9 26.4 79.2

150 156.0 0.0 320.6



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

