

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059638.D
 Acq On : 31 Jul 2018 00:32
 Operator : VA/AP
 Sample : J4192-06
 Misc : 10.05g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-C

Quant Time: Jul 31 05:19:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

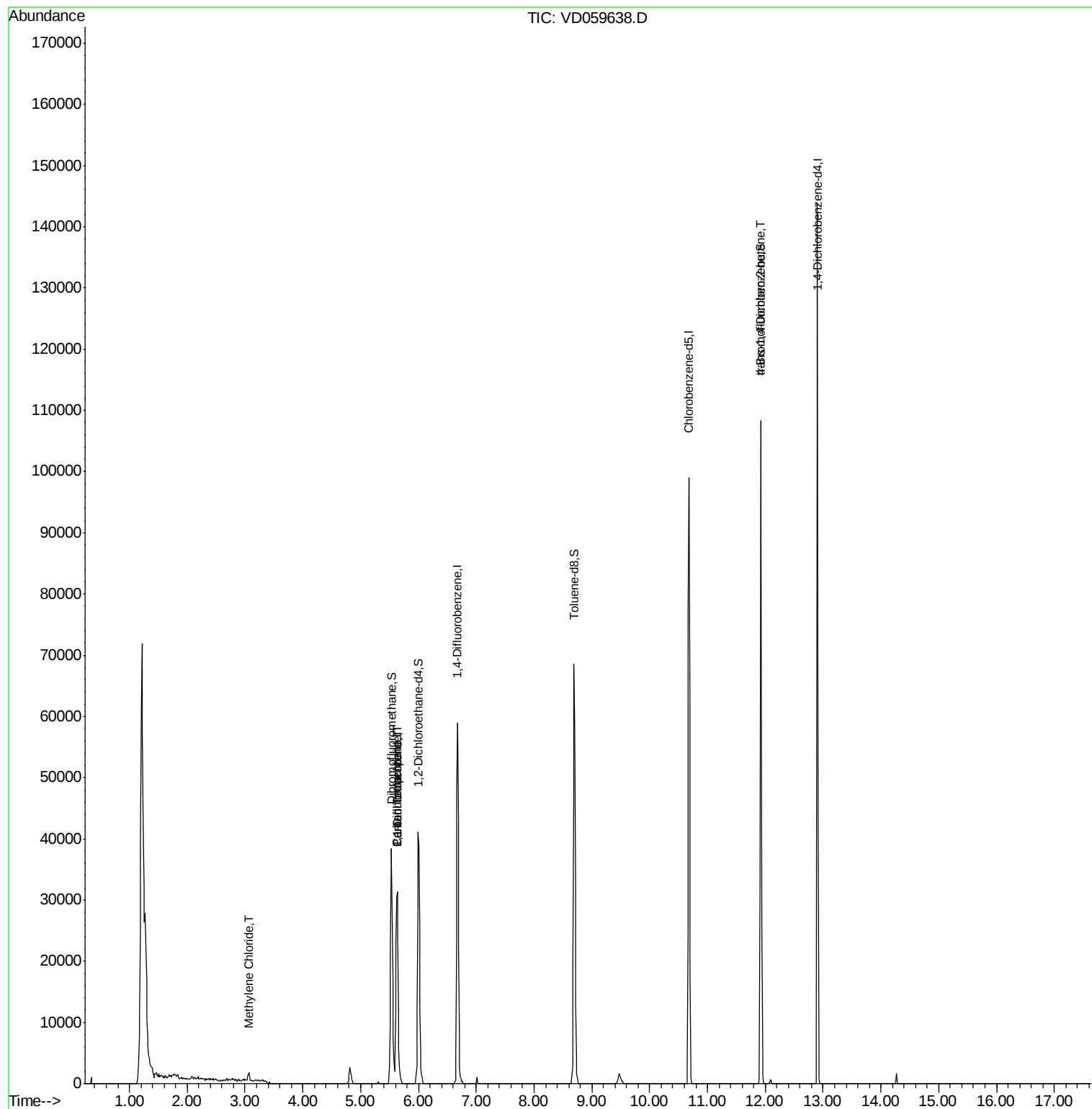
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	32434	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.68	114	55204	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	53617	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	29138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	46397	113.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	227.58%	
35) Dibromofluoromethane	5.53	113	30973	65.41	ug/l	0.03
Spiked Amount 50.000			Recovery	=	130.82%	
50) Toluene-d8	8.69	98	56644	52.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.92	95	31958	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.10%	
Target Compounds						
20) Methylene Chloride	3.06	84	618	3.52	ug/l #	66
31) Cyclohexane	5.63	56	179	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	2218	4.00	ug/l #	43
38) Carbon Tetrachloride	5.63	117	2771	3.65	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	17059	138.47	ug/l #	1

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

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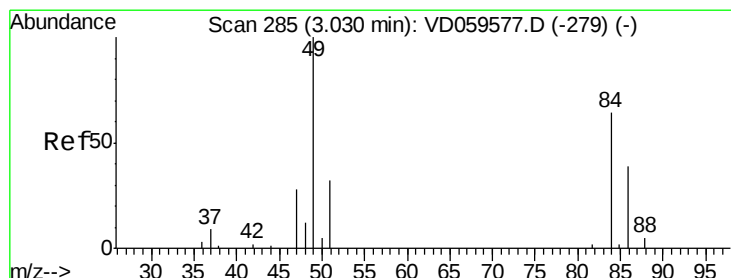
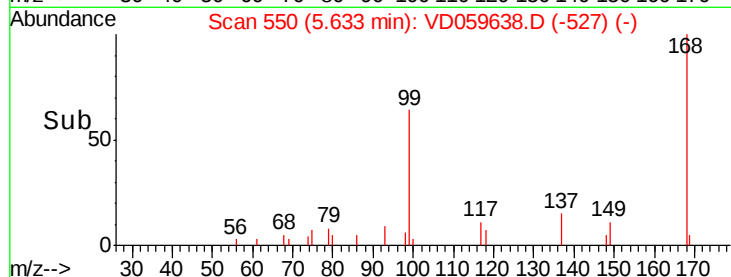
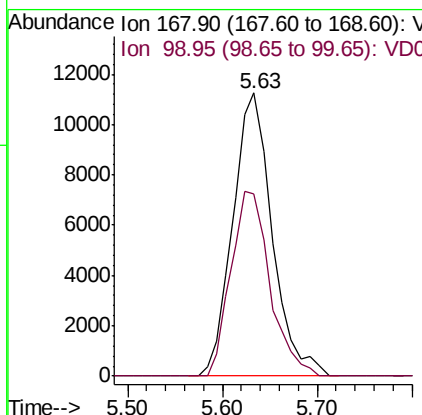
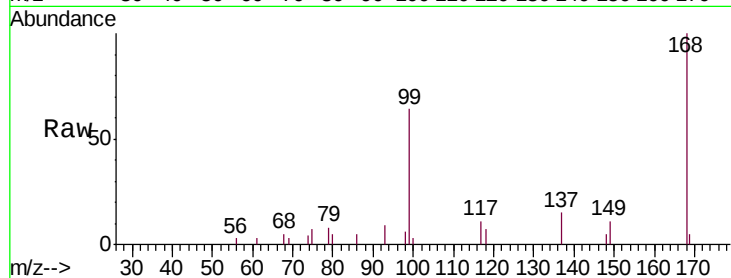




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.03 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

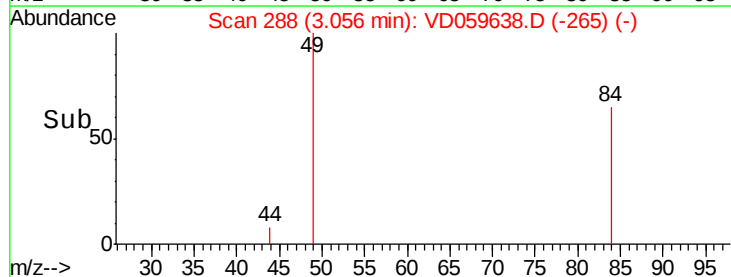
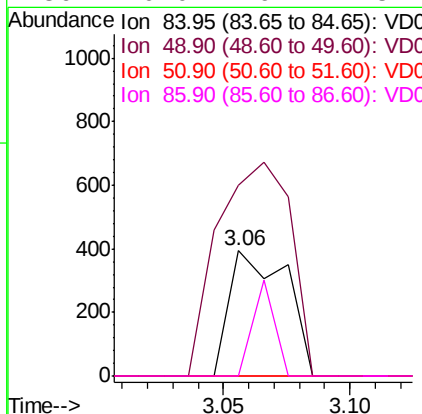
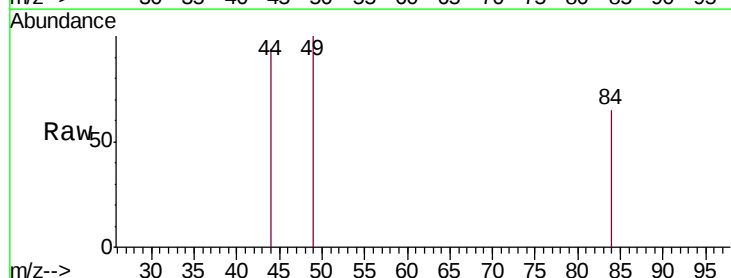
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-C

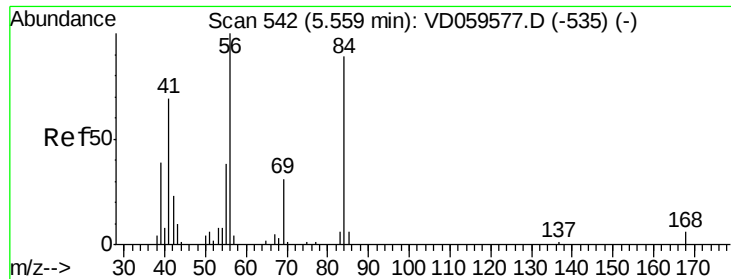
Tot Ion:168 Resp: 32434
Ion Ratio Lower Upper
168 100
99 64.4 47.3 70.9



#20
Methylene Chloride
Concen: 3.52 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.03 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion: 84 Resp: 618
Ion Ratio Lower Upper
84 100
49 152.9 125.4 188.2
51 0.0 39.7 59.5#
86 0.0 49.1 73.7#

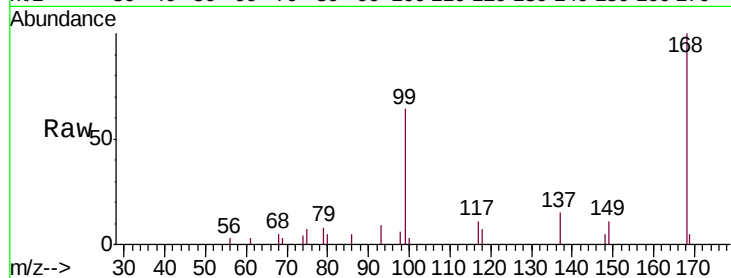




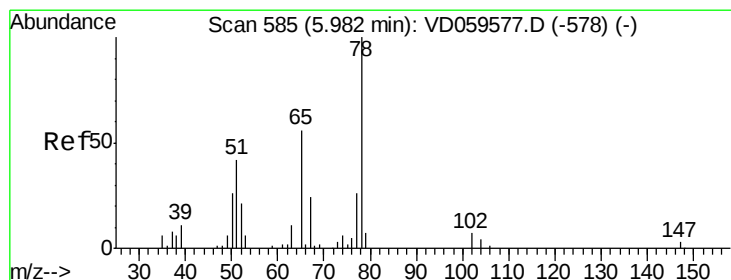
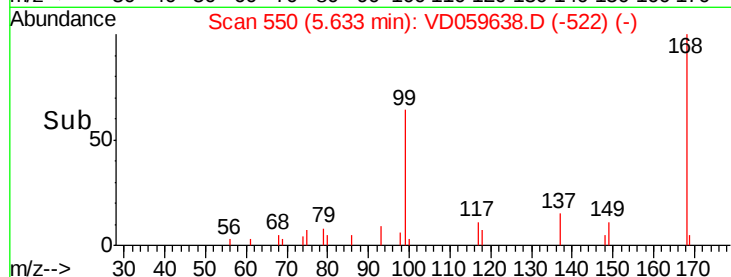
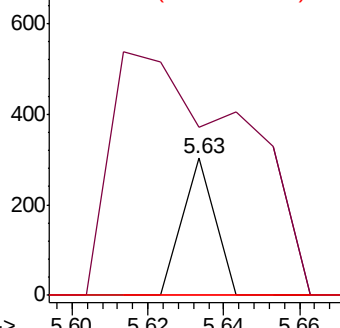
#31
Cyclohexane
Concen: Below Cal
RT: 5.63 min Scan# 550
Delta R.T. 0.08 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-C

Tot Ion: 56 Resp: 179
Ion Ratio Lower Upper
56 100
69 122.8 24.6 37.0#
84 0.0 72.7 109.1#

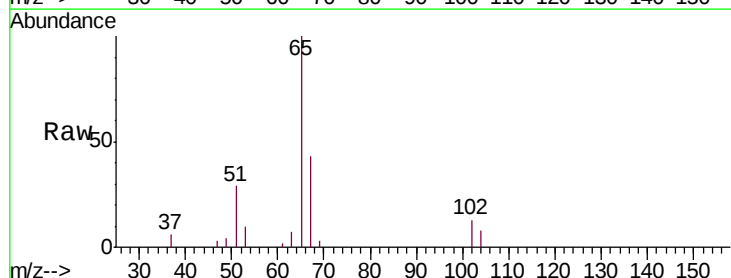


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

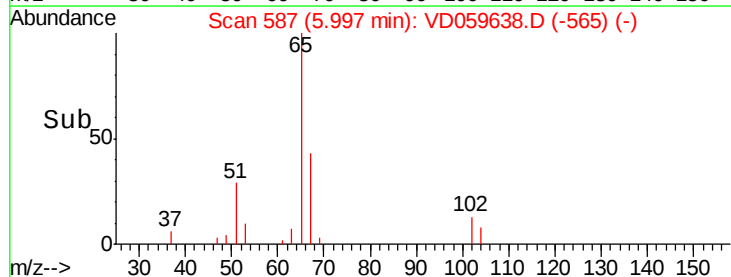
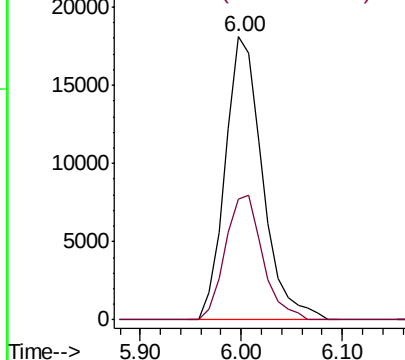


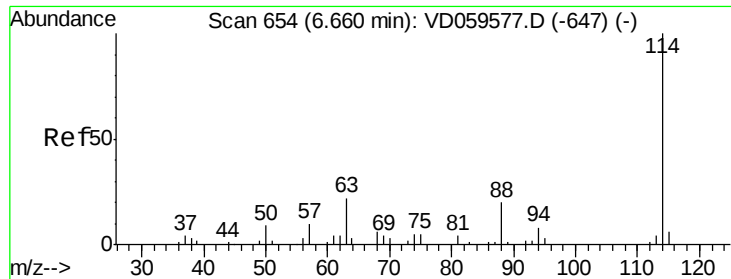
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion: 65 Resp: 46397
Ion Ratio Lower Upper
65 100
67 42.7 0.0 86.4



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. 0.02 min

Lab File: VD059638.D

Acq: 31 Jul 2018 00:32

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-C

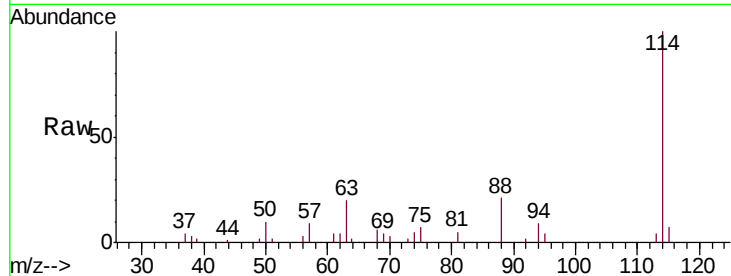
Tot Ion:114 Resp: 55204

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.8

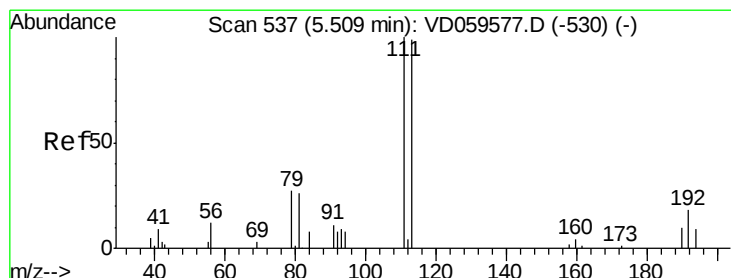
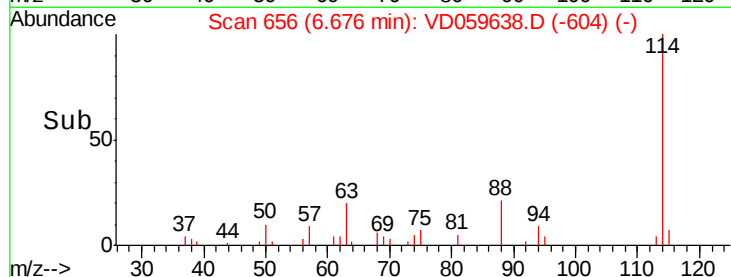
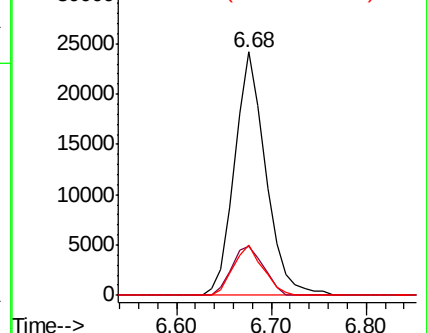
88 20.7 0.0 39.0



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: 50.00 ug/l

RT: 5.53 min Scan# 540

Delta R.T. 0.03 min

Lab File: VD059638.D

Acq: 31 Jul 2018 00:32

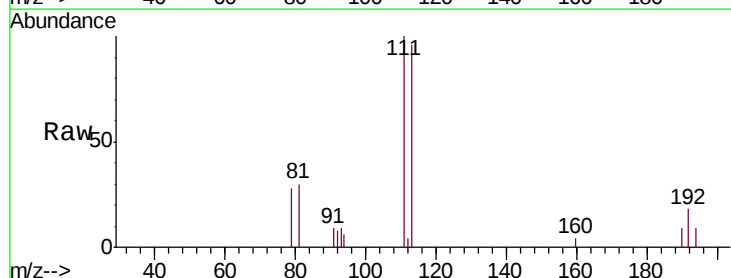
Tgt Ion:113 Resp: 30973

Ion Ratio Lower Upper

113 100

111 104.7 80.5 120.7

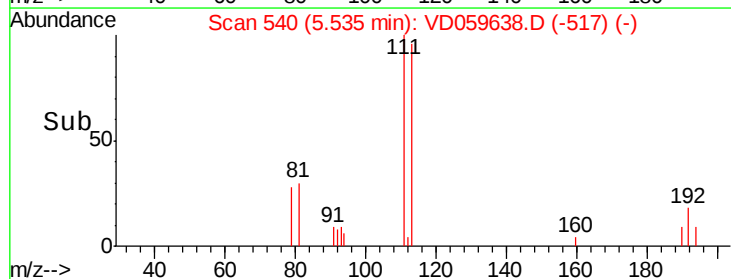
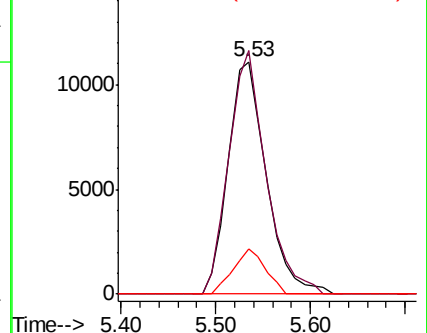
192 19.2 14.5 21.7

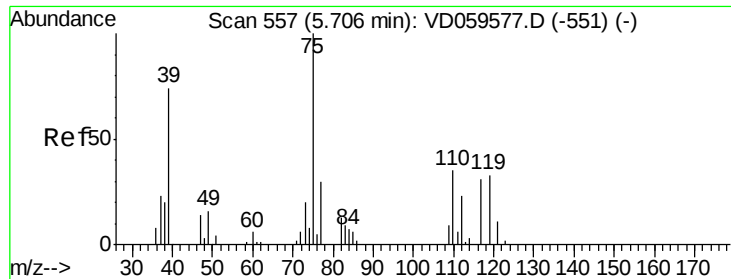


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

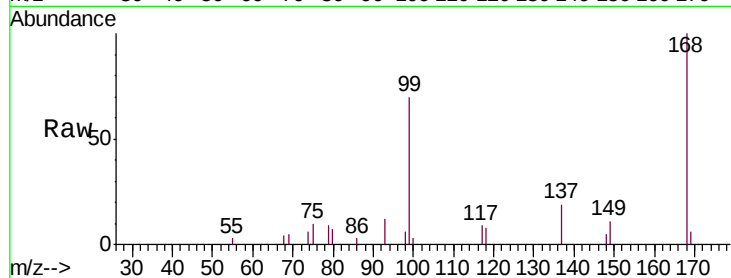




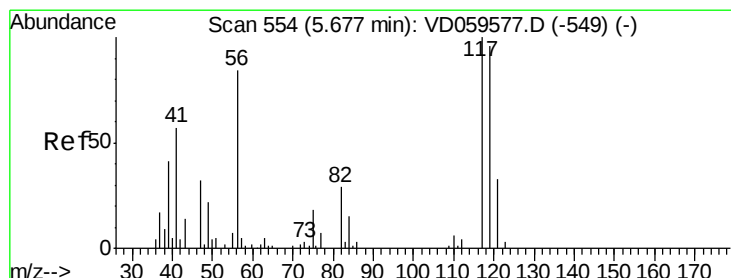
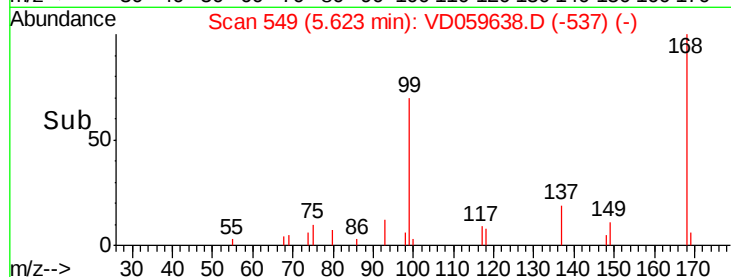
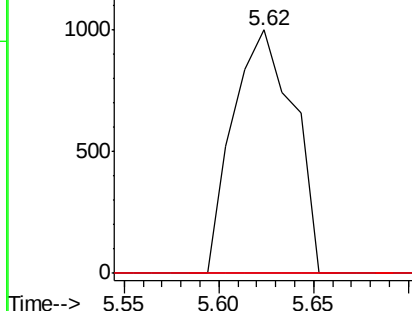
#36
 1,1-Dichloropropene
 Concen: 4.00 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059638.D
 Acq: 31 Jul 2018 00:32

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-001-C

Tot Ion: 75 Resp: 2218
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#

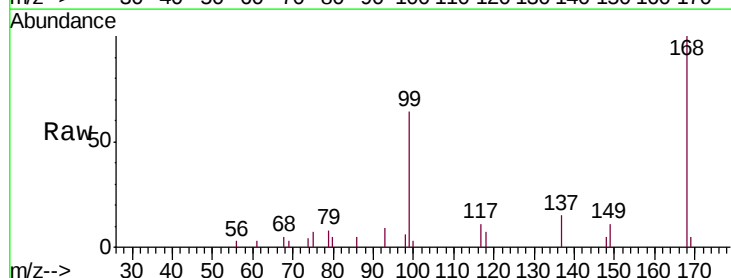


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

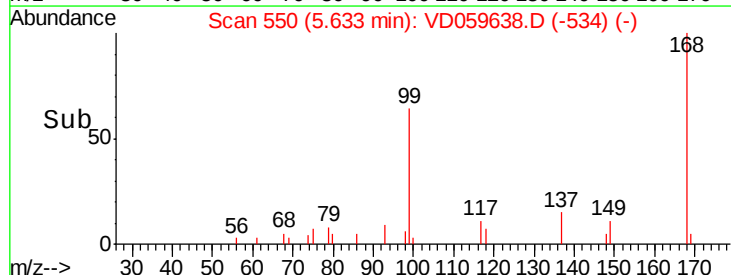
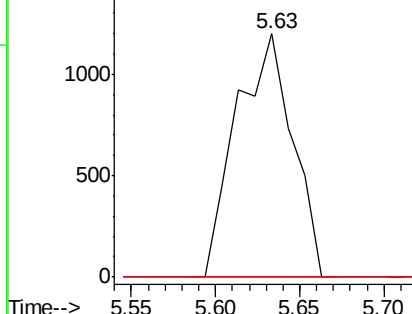


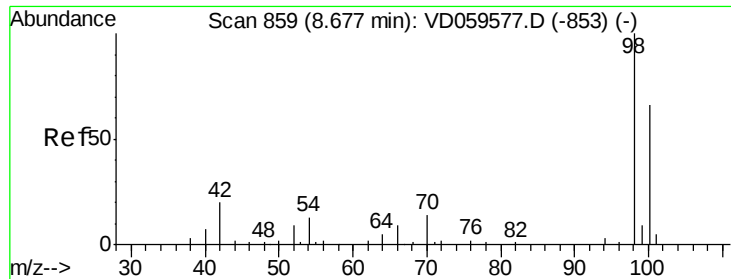
#38
 Carbon Tetrachloride
 Concen: 3.65 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.04 min
 Lab File: VD059638.D
 Acq: 31 Jul 2018 00:32

Tgt Ion: 117 Resp: 2771
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#



Abundance Ion 116.85 (116.55 to 117.55): V
 Ion 118.85 (118.55 to 119.55): V
 Ion 120.85 (120.55 to 121.55): V

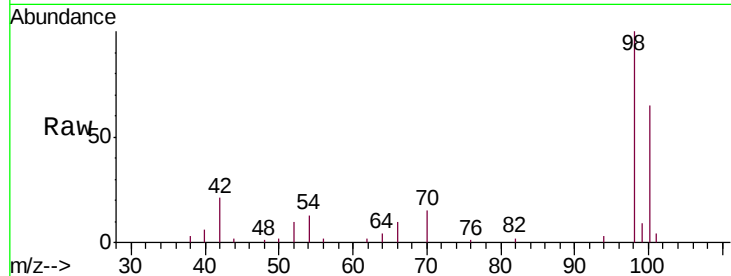




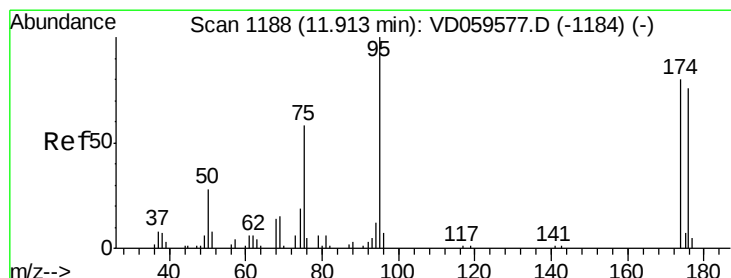
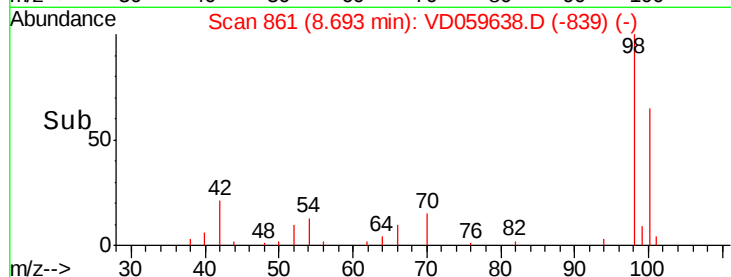
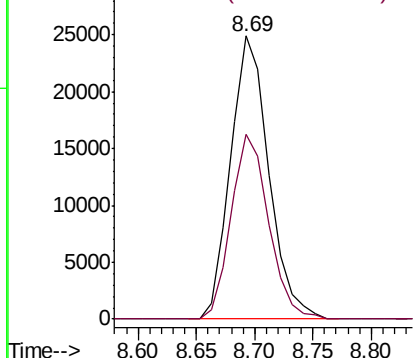
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-001-C

Tot Ion: 98 Resp: 56644
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

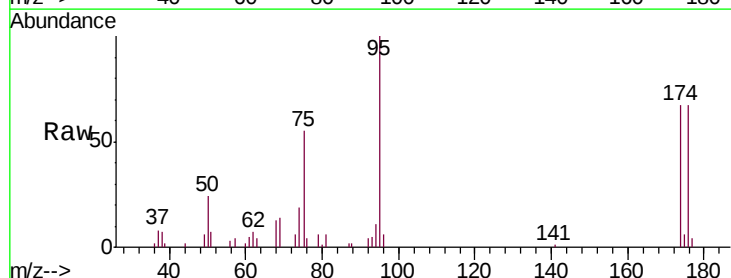


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

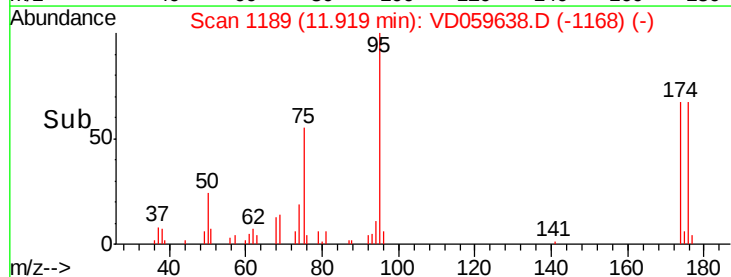
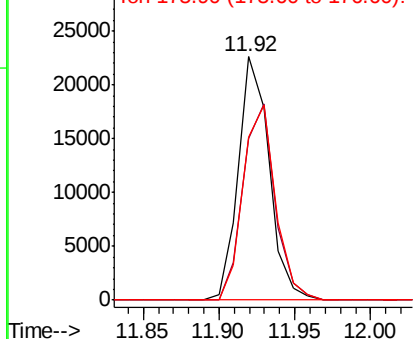


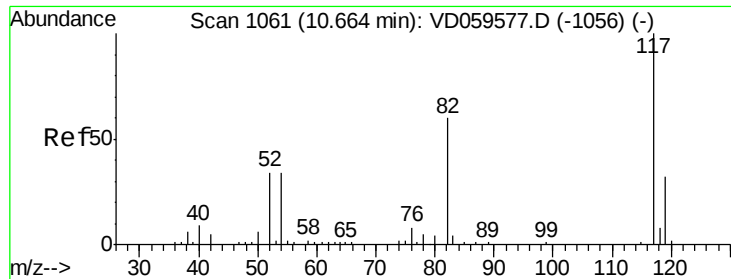
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059638.D
Acq: 31 Jul 2018 00:32

Tgt Ion: 95 Resp: 31958
Ion Ratio Lower Upper
95 100
174 66.6 0.0 160.6
176 66.8 0.0 152.8



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: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059638.D

Acq: 31 Jul 2018 00:32

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-C

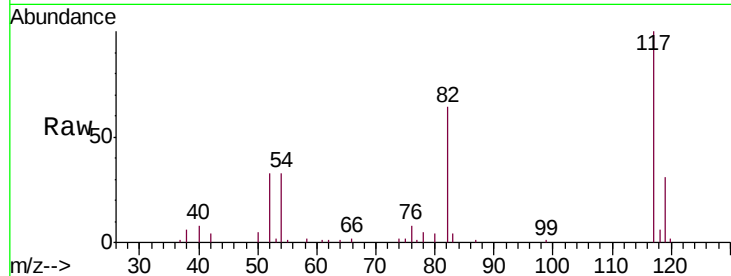
Tot Ion:117 Resp: 53617

Ion Ratio Lower Upper

117 100

82 64.2 48.2 72.2

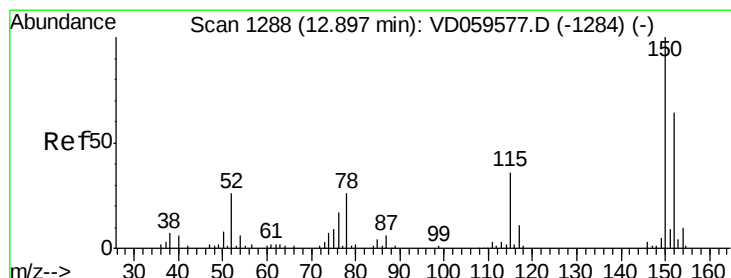
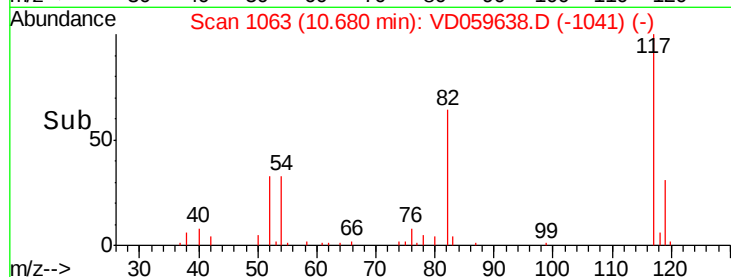
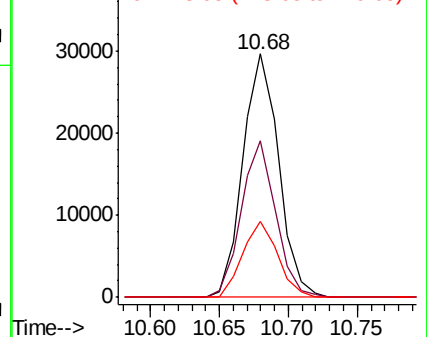
119 31.1 25.4 38.2



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: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059638.D

Acq: 31 Jul 2018 00:32

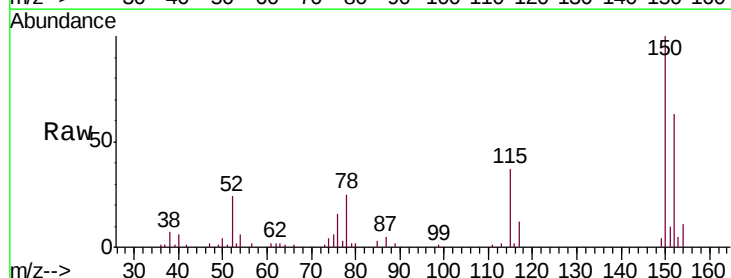
Tgt Ion:152 Resp: 29138

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.6

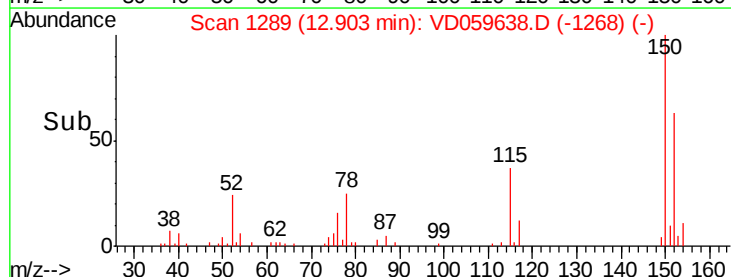
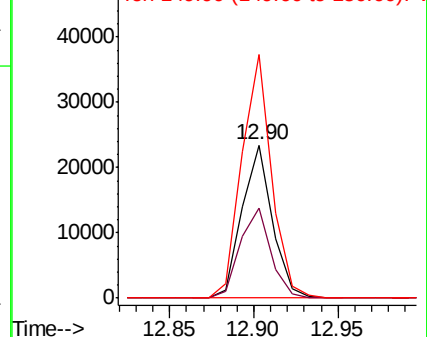
150 159.4 0.0 314.4

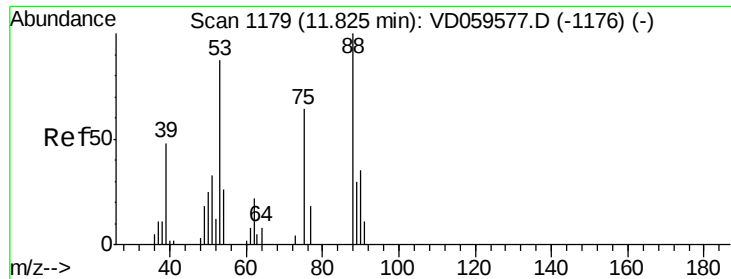


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 138.47 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059638.D

Acq: 31 Jul 2018 00:32

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-001-C

Tot Ion: 75 Resp: 17059

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

