

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080918\
 Data File : VD059722.D
 Acq On : 9 Aug 2018 18:20
 Operator : VA/AP
 Sample : J4395-02
 Misc : 7.38g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

Quant Time: Aug 10 01:17:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	13802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	18431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	18940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	12137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	20051	112.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	225.88%	
35) Dibromofluoromethane	5.54	113	11193	67.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	135.22%	
50) Toluene-d8	8.70	98	19341	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.93	95	11778	70.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	141.64%	

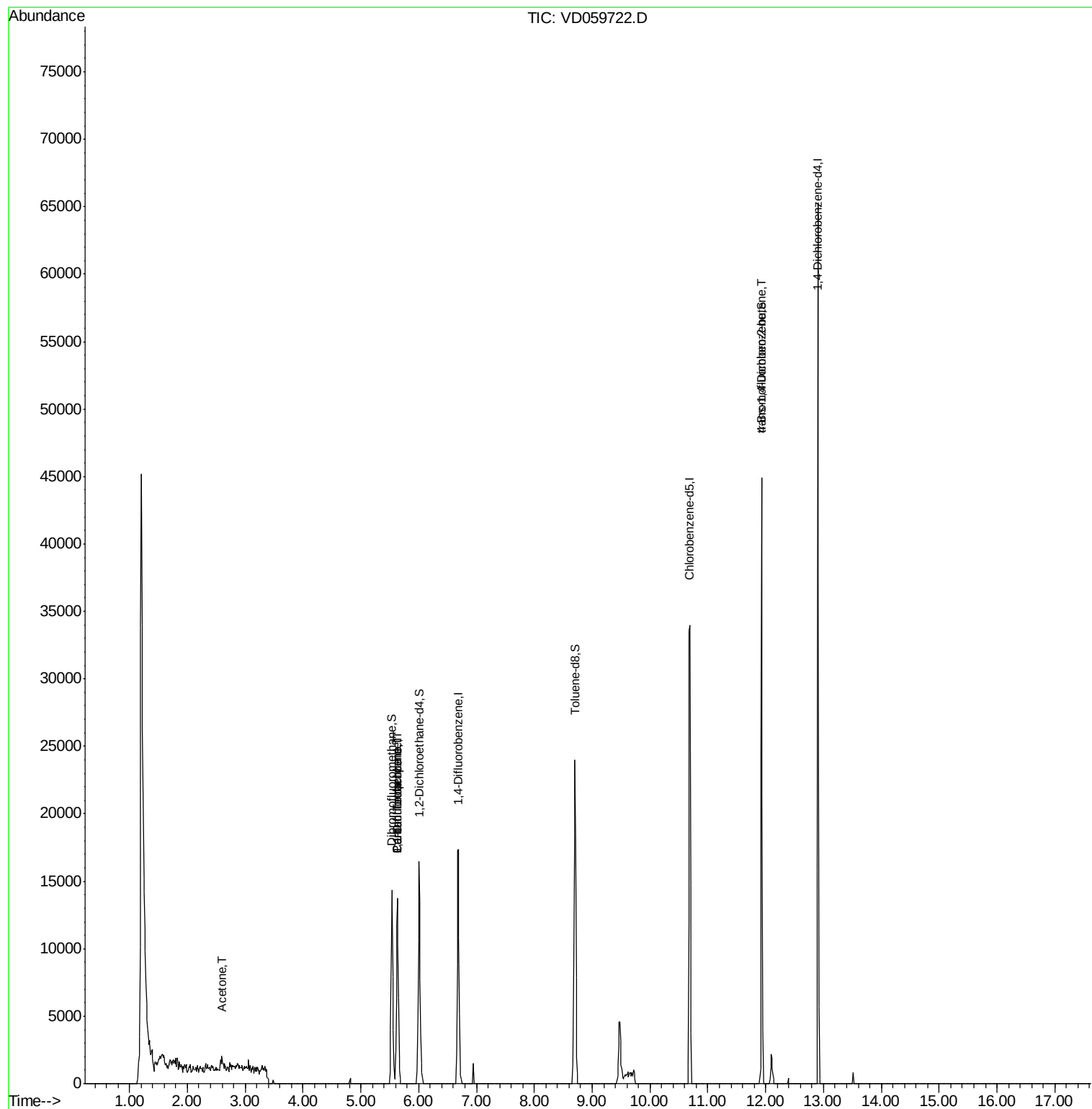
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	1517	45.485	ug/l #	60
20) Methylene Chloride	3.06	84	208	Below Cal	#	28
36) 1,1-Dichloropropene	5.63	75	765	3.733	ug/l #	46
38) Carbon Tetrachloride	5.62	117	1499	5.467	ug/l #	13
81) trans-1,4-Dichloro-2-buten	11.93	75	7223	157.746	ug/l #	1

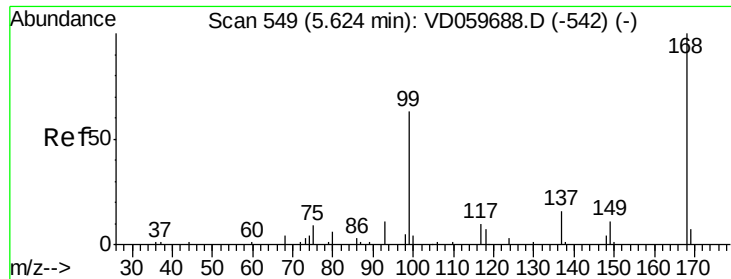
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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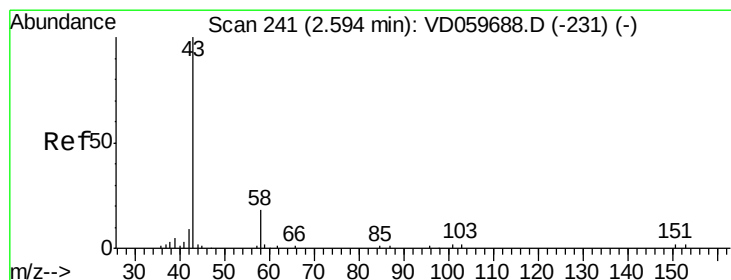
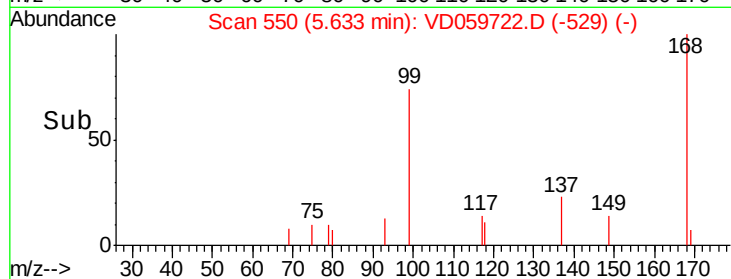
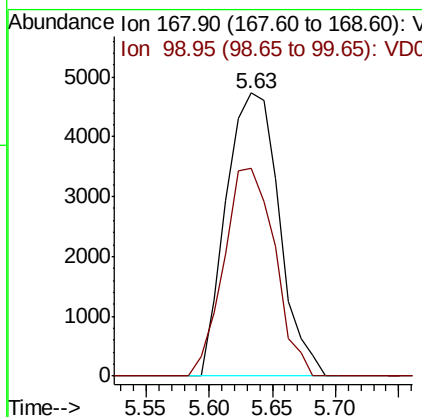
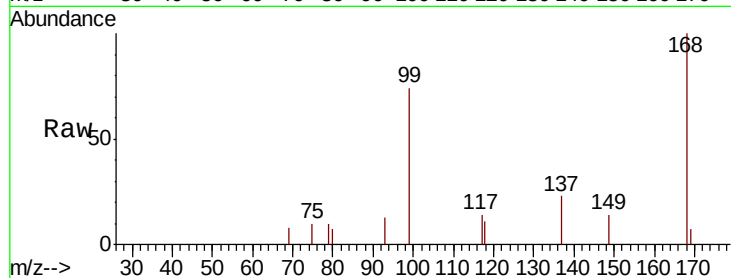




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

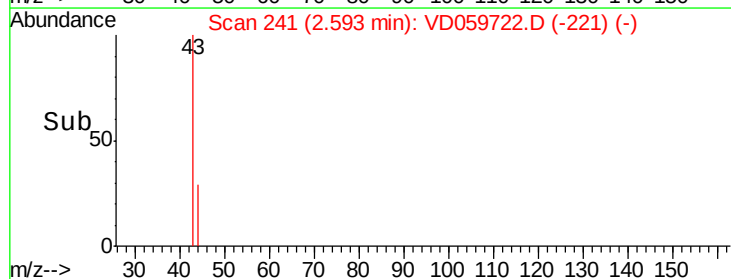
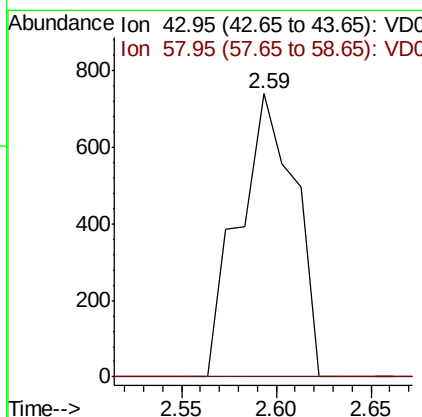
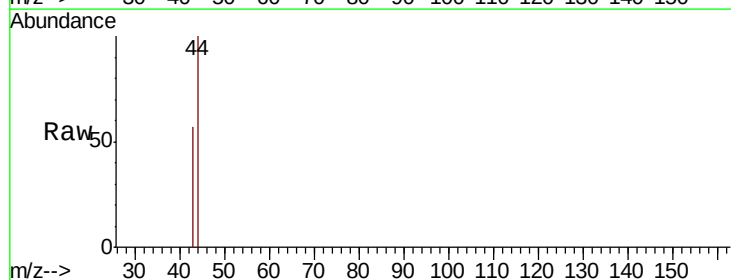
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

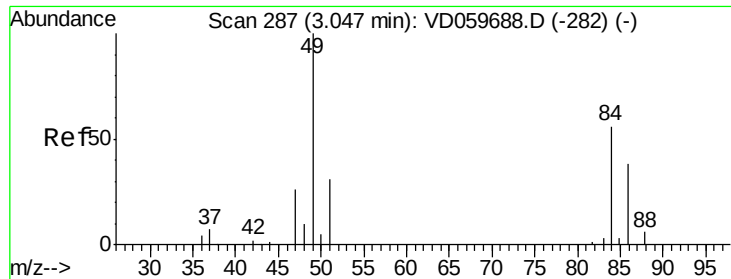
Tgt Ion: 168 Resp: 13802
Ion Ratio Lower Upper
168 100
99 73.6 53.4 80.2



#16
Acetone
Concen: 45.485 ug/l
RT: 2.59 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 0.0 14.2 21.2#

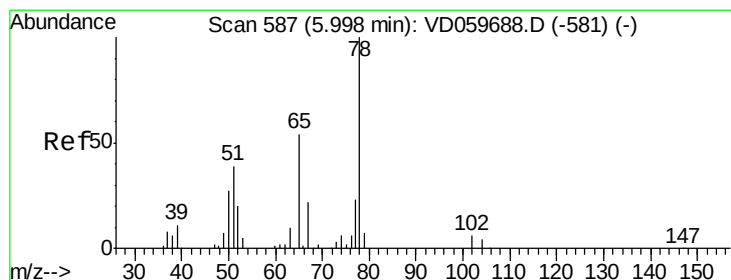
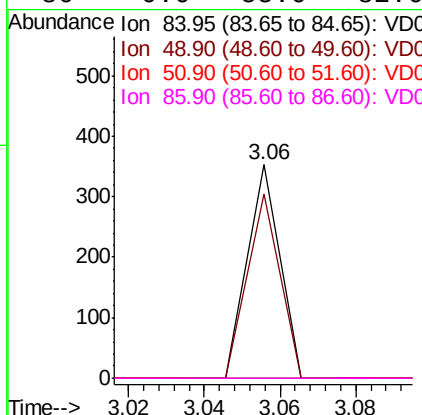
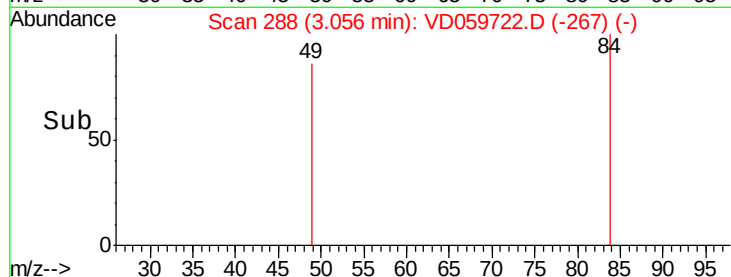
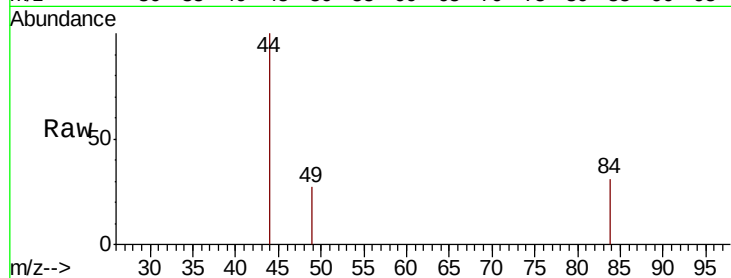




#20
Methylene Chloride
Concen: Below Cal
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

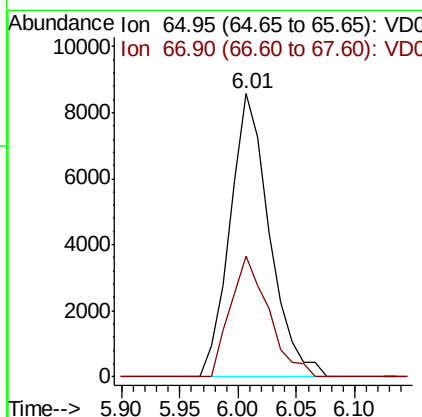
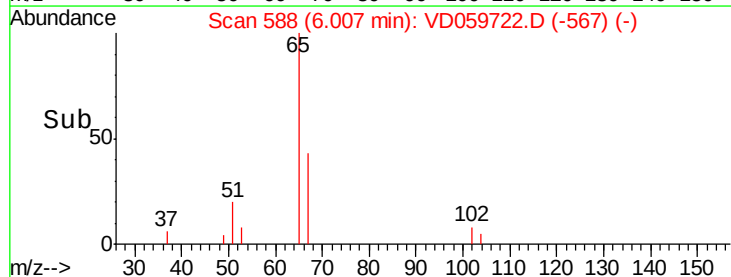
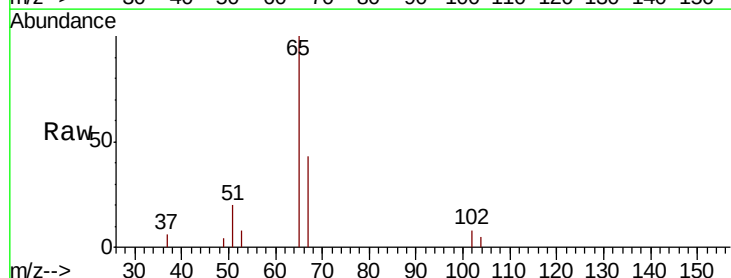
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

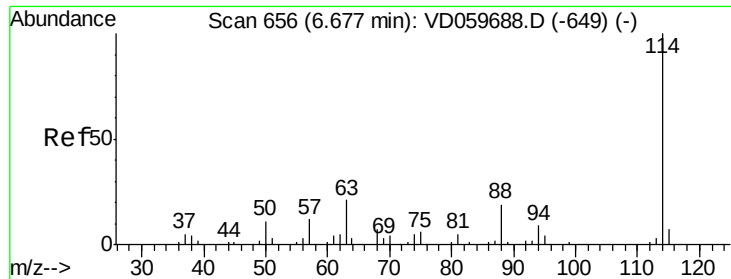
Tgt Ion: 84 Resp: 208
Ion Ratio Lower Upper
84 100
49 86.1 143.4 215.2#
51 0.0 44.2 66.4#
86 0.0 55.0 82.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 65 Resp: 20051
Ion Ratio Lower Upper
65 100
67 42.7 0.0 80.4

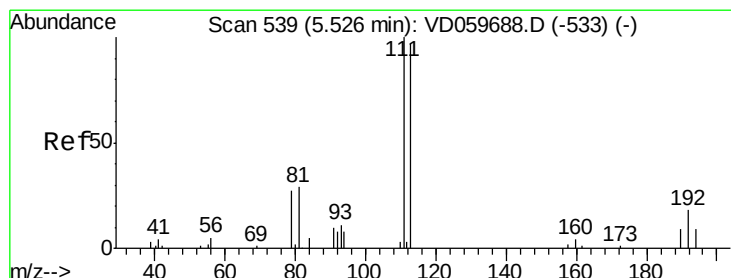
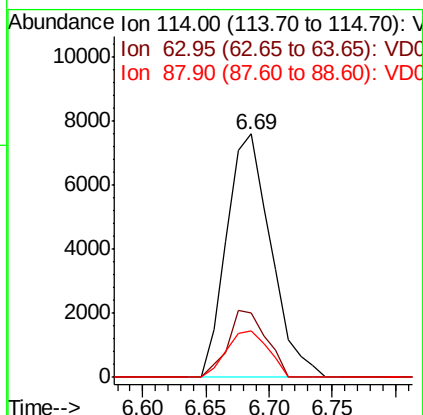
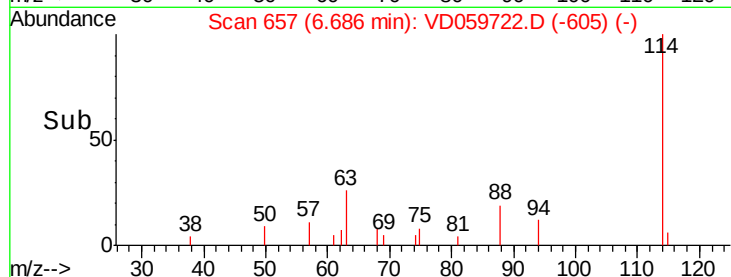
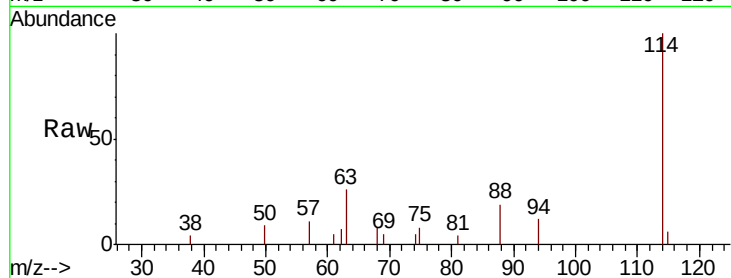




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059722.D
 Acq: 9 Aug 2018 18:20

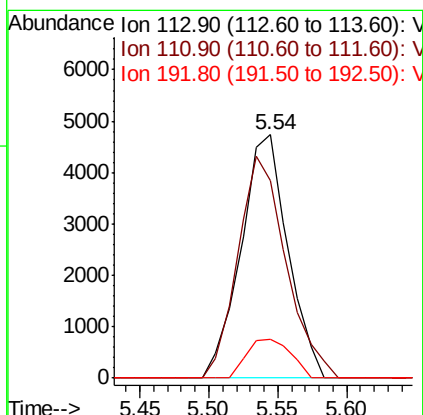
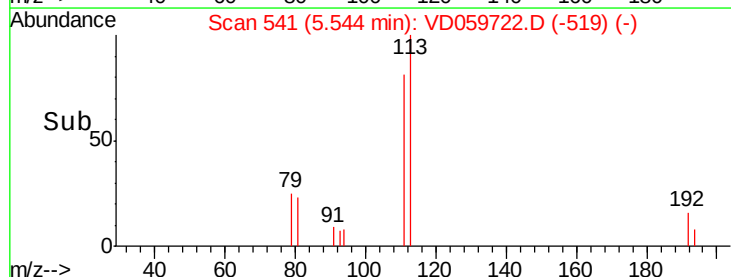
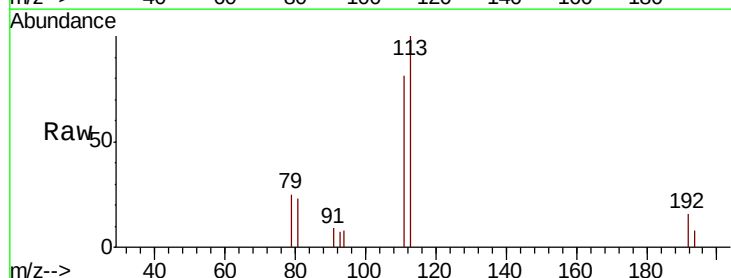
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

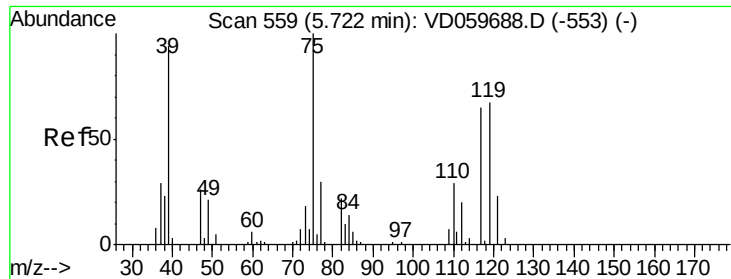
Tgt Ion:114 Resp: 18431
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 42.6
 88 19.2 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VD059722.D
 Acq: 9 Aug 2018 18:20

Tgt Ion:113 Resp: 11193
 Ion Ratio Lower Upper
 113 100
 111 81.3 82.8 124.2#
 192 15.9 14.6 22.0

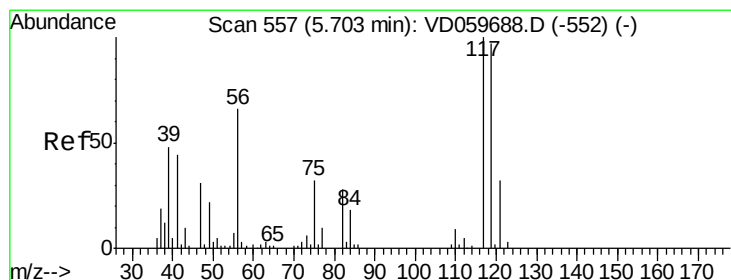
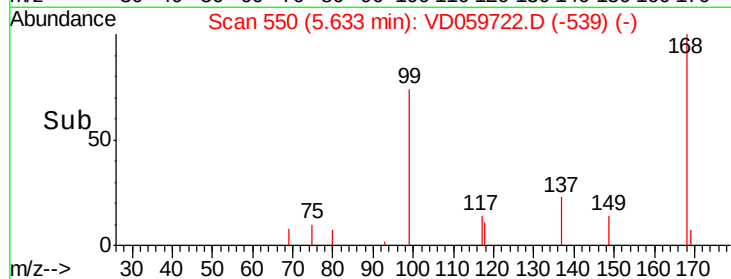
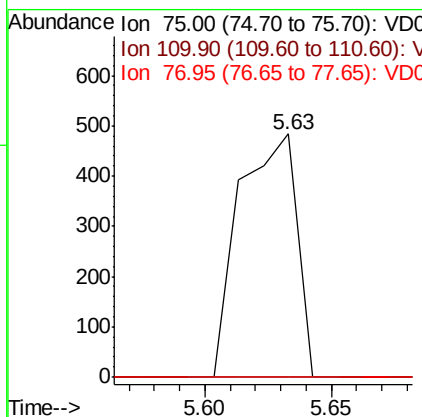
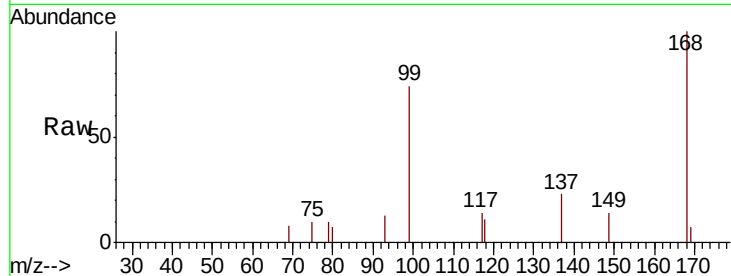




#36
 1,1-Dichloropropene
 Concen: 3.733 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.09 min
 Lab File: VD059722.D
 Acq: 9 Aug 2018 18:20

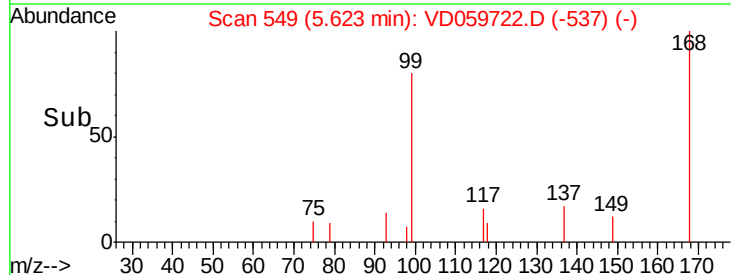
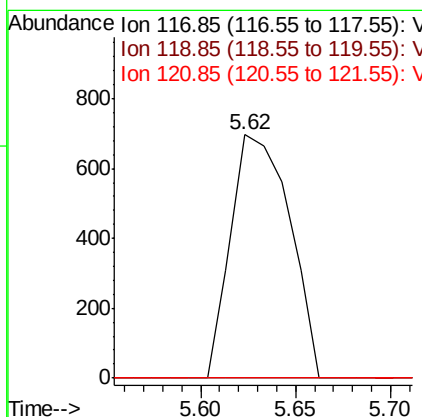
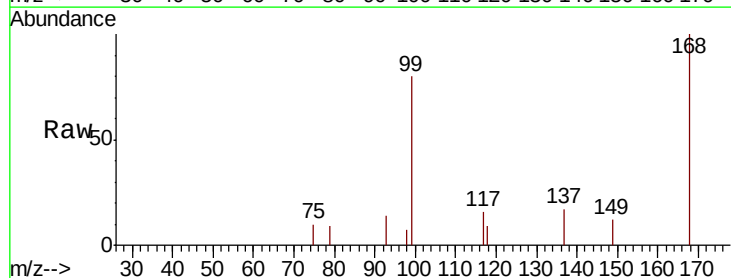
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

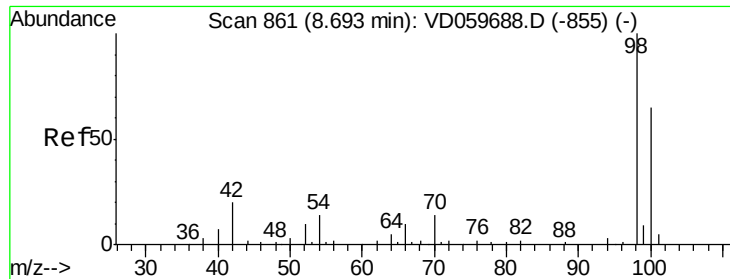
Tgt Ion: 75 Resp: 765
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.1 42.3#
 77 0.0 23.9 35.9#



#38
 Carbon Tetrachloride
 Concen: 5.467 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.08 min
 Lab File: VD059722.D
 Acq: 9 Aug 2018 18:20

Tgt Ion: 117 Resp: 1499
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.3 112.9#
 121 0.0 24.4 36.6#

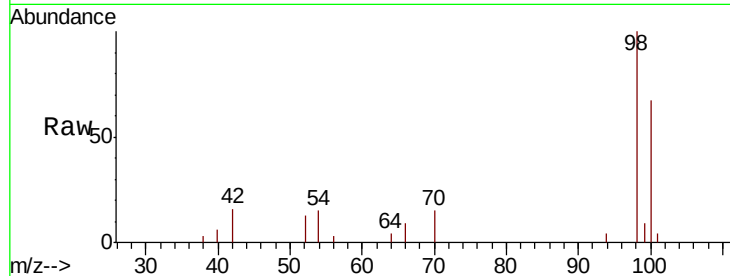




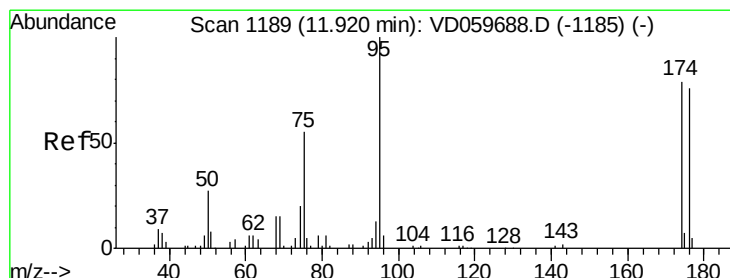
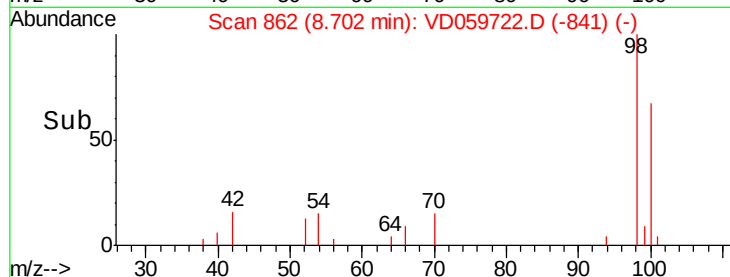
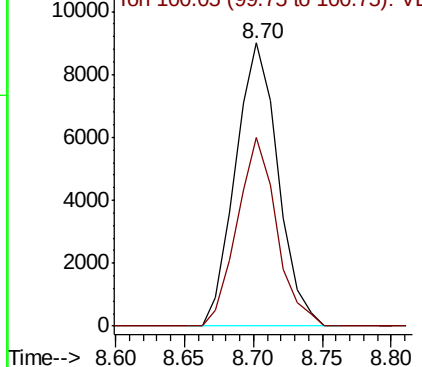
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion: 98 Resp: 19341
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

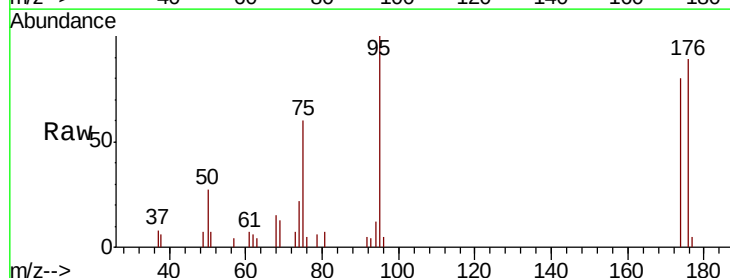


Abundance Ion 98.05 (97.75 to 98.75): VD059688.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059688.D (-855) (-)

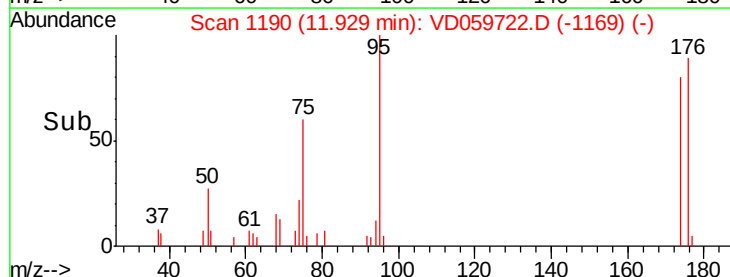
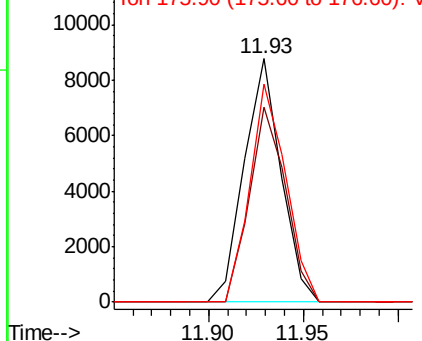


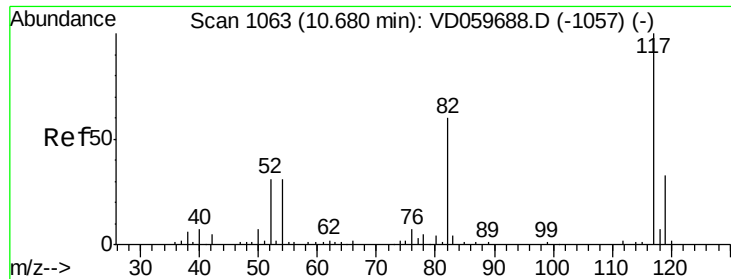
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059722.D
Acq: 9 Aug 2018 18:20

Tgt Ion: 95 Resp: 11778
Ion Ratio Lower Upper
95 100
174 79.9 0.0 158.4
176 89.3 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VD059688.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD059688.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD059688.D (-1185) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059722.D

Acq: 9 Aug 2018 18:20

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

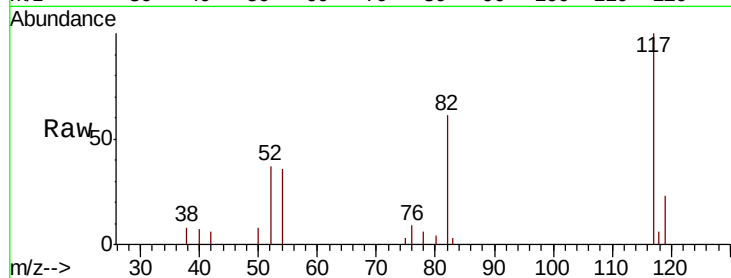
Tgt Ion:117 Resp: 18940

Ion Ratio Lower Upper

117 100

82 60.7 47.7 71.5

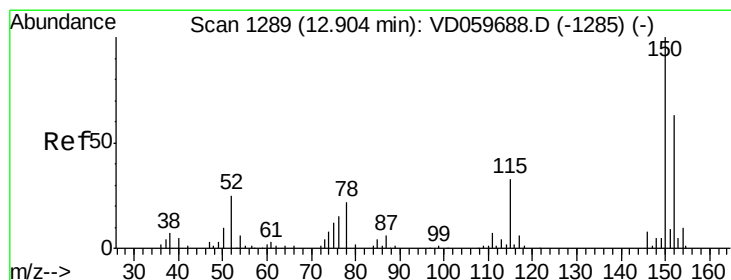
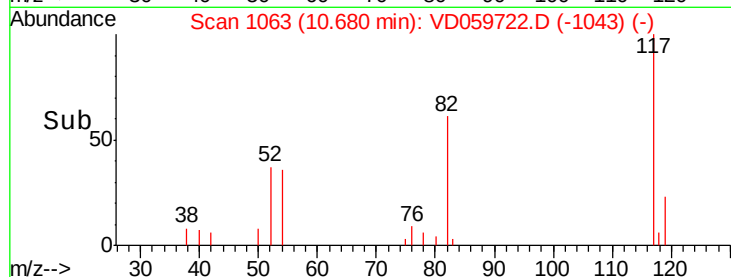
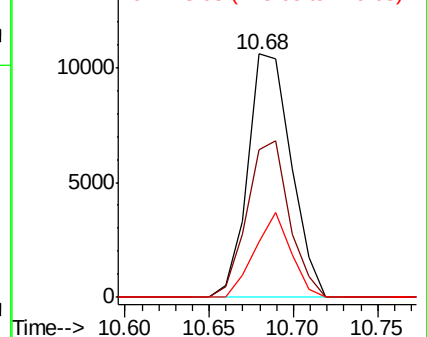
119 22.9 26.6 40.0#



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: 12.90 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD059722.D

Acq: 9 Aug 2018 18:20

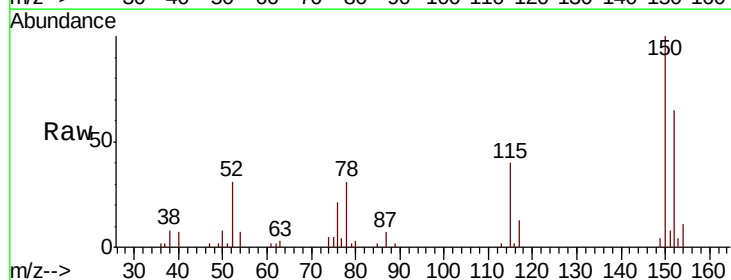
Tgt Ion:152 Resp: 12137

Ion Ratio Lower Upper

152 100

115 61.3 28.8 86.4

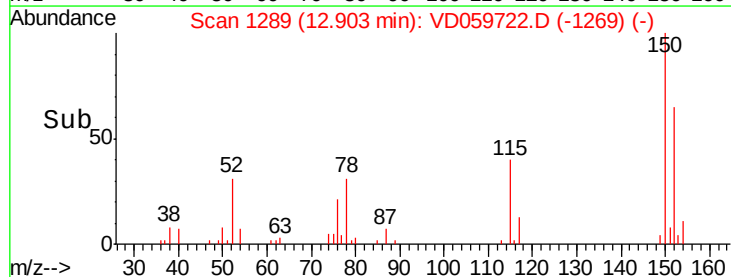
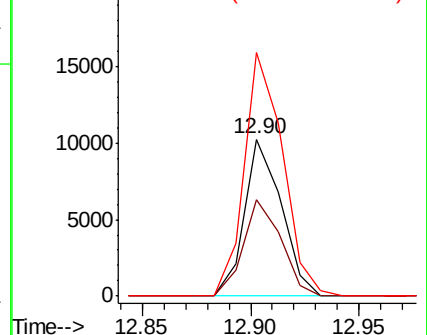
150 154.9 0.0 318.0

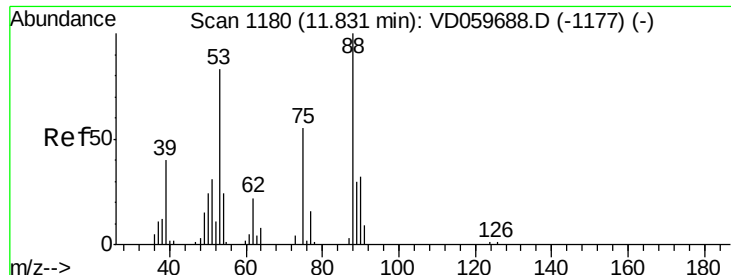


Abundance Ion 151.90 (151.60 to 152.60): V

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: 157.746 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD059722.D

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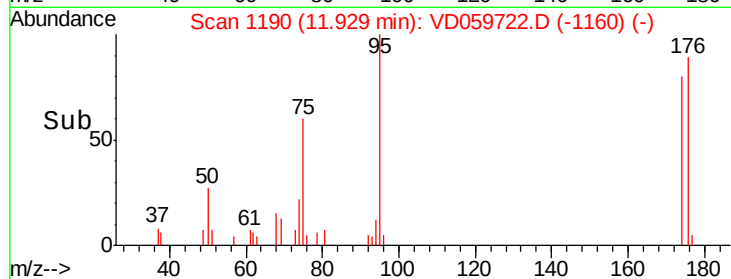
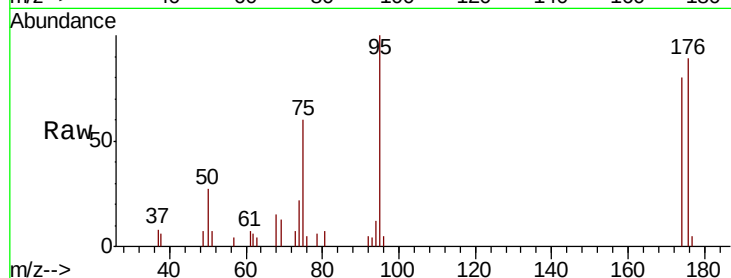
Tgt Ion: 75 Resp: 7223

Ion Ratio Lower Upper

75 100

53 0.0 120.5 180.7#

89 0.0 44.4 66.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

