

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080918\
 Data File : VD059723.D
 Acq On : 9 Aug 2018 18:48
 Operator : VA/AP
 Sample : J4396-02
 Misc : 9.52g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 01:17:39 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	140866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	163247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	134877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	80344	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	121568	67.09	ug/l	0.00
Spiked Amount	50.000			Recovery	=	134.18%	
35) Dibromofluoromethane		5.54	113	93681	63.89	ug/l	0.00
Spiked Amount	50.000			Recovery	=	127.78%	
50) Toluene-d8		8.70	98	155855	48.83	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene		11.93	95	87281	59.25	ug/l	0.00
Spiked Amount	50.000			Recovery	=	118.50%	

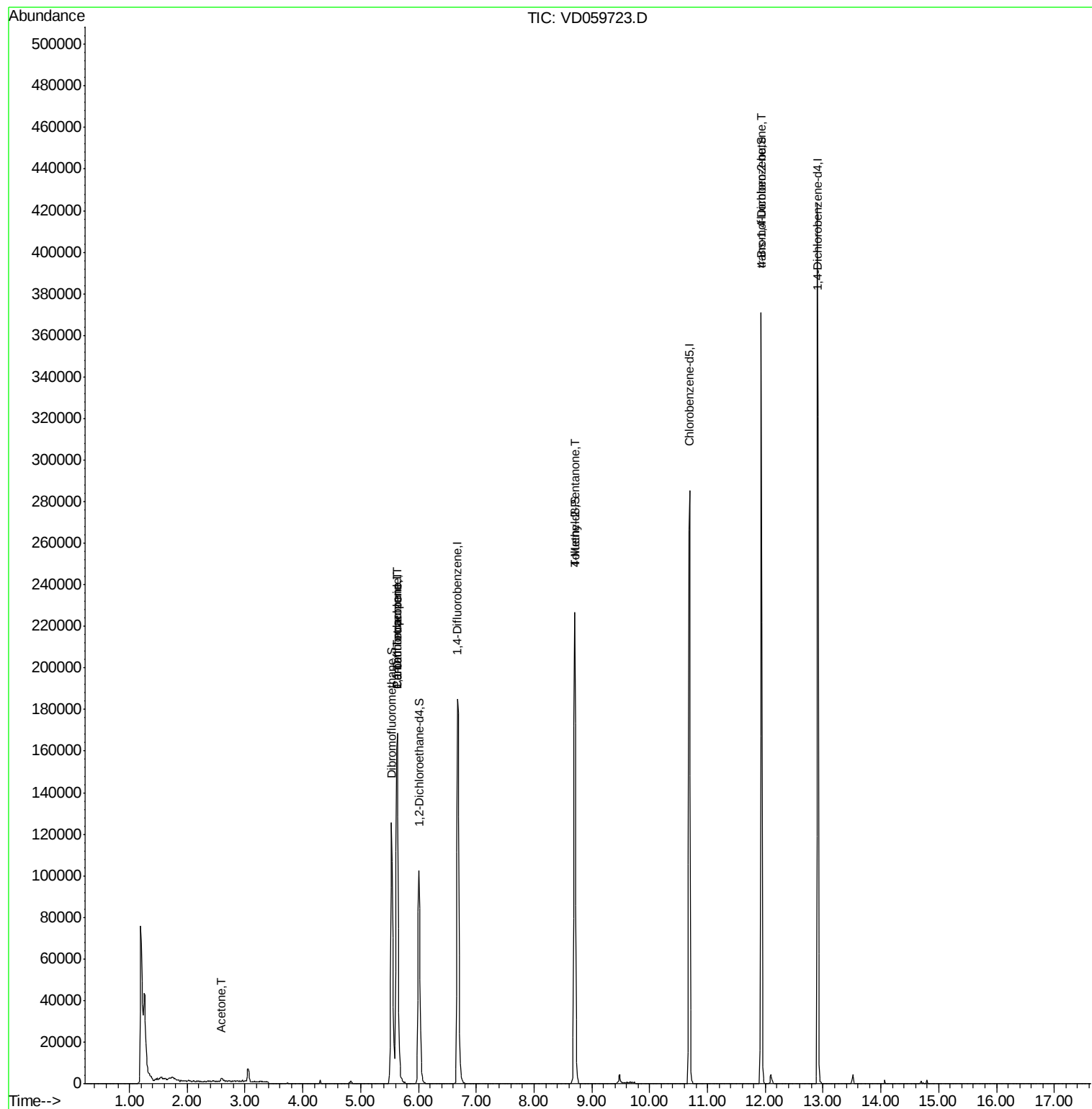
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	3532	10.376	ug/l #	60
20) Methylene Chloride	3.06	84	2782	Below Cal	#	81
31) Cyclohexane	5.62	56	4149	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	14050	7.742	ug/l #	54
38) Carbon Tetrachloride	5.63	117	15475	6.372	ug/l #	13
51) 4-Methyl-2-Pentanone	8.70	43	920	1.095	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.93	75	53620	176.898	ug/l #	1

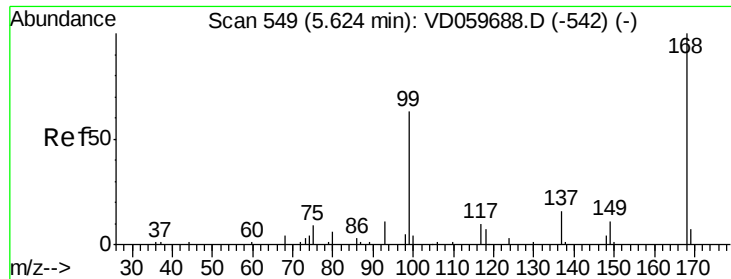
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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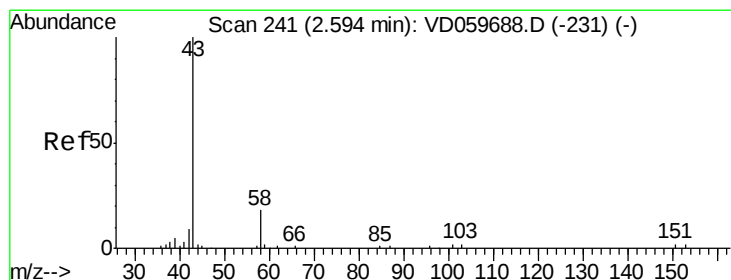
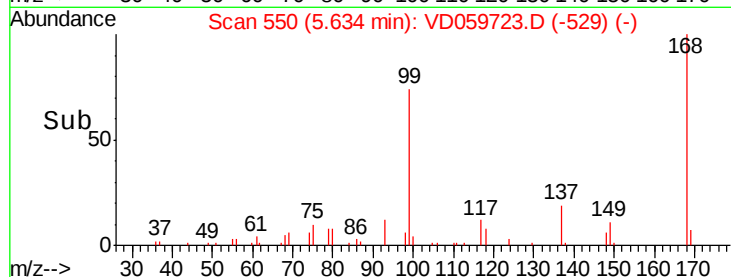
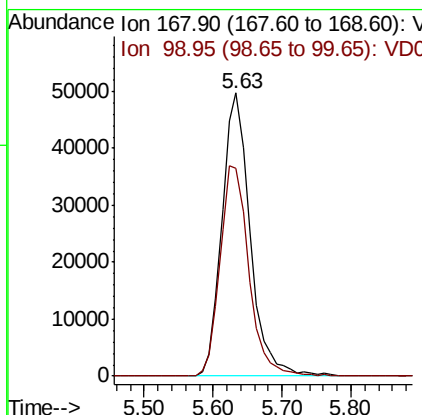
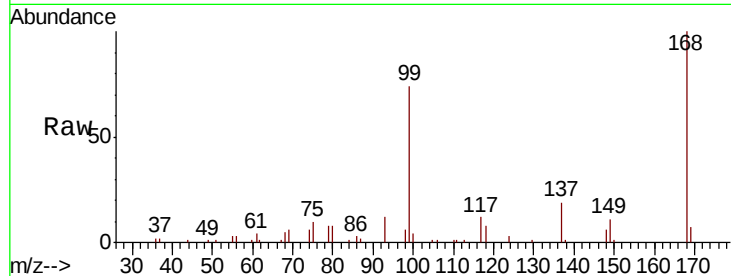




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

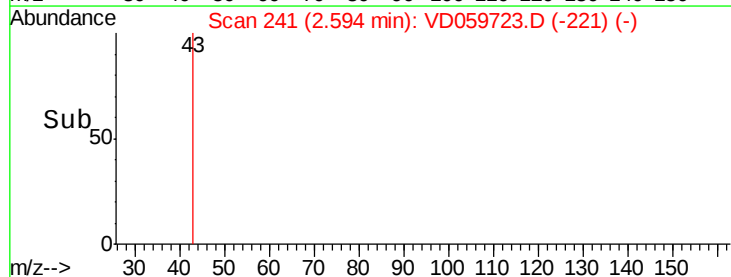
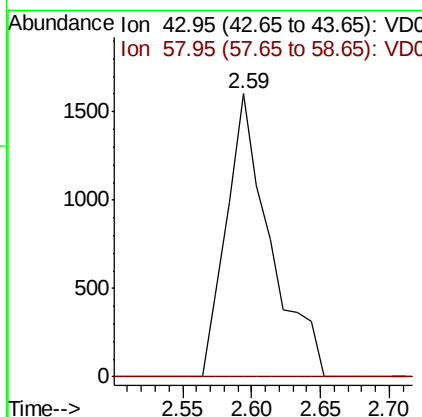
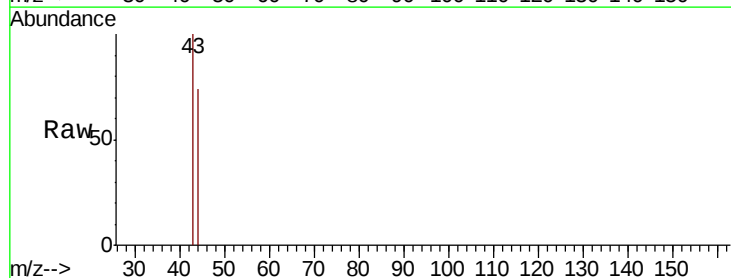
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

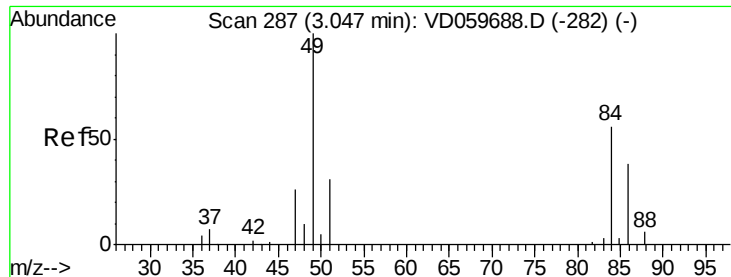
Tgt Ion: 168 Resp: 140866
Ion Ratio Lower Upper
168 100
99 73.6 53.4 80.2



#16
Acetone
Concen: 10.376 ug/l
RT: 2.59 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

Tgt Ion: 43 Resp: 3532
Ion Ratio Lower Upper
43 100
58 0.0 14.2 21.2#

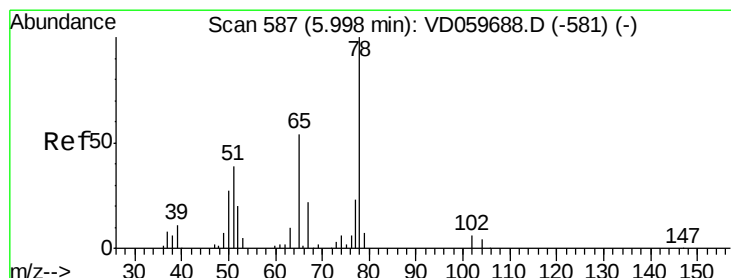
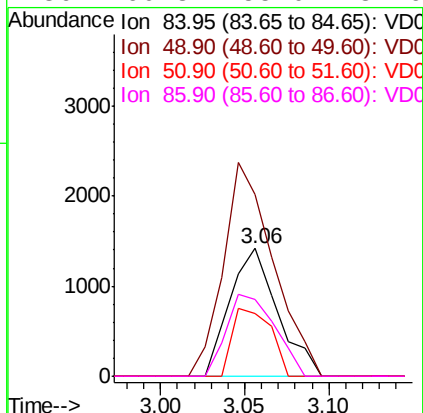
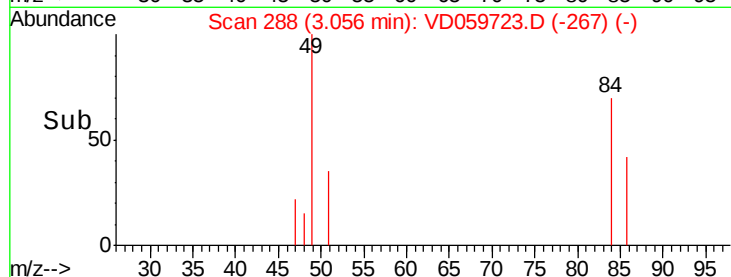
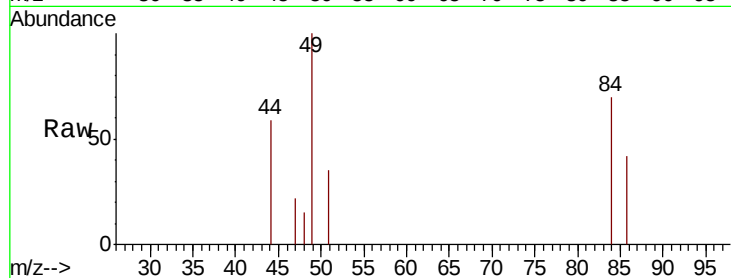




#20
Methylene Chloride
Concen: Below Cal
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

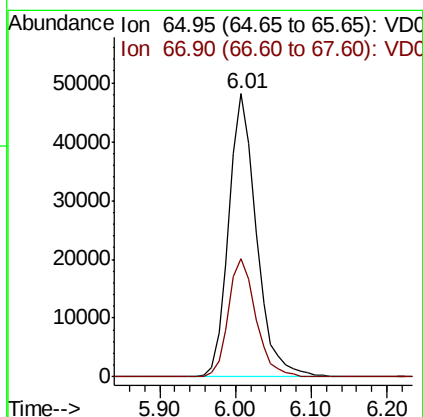
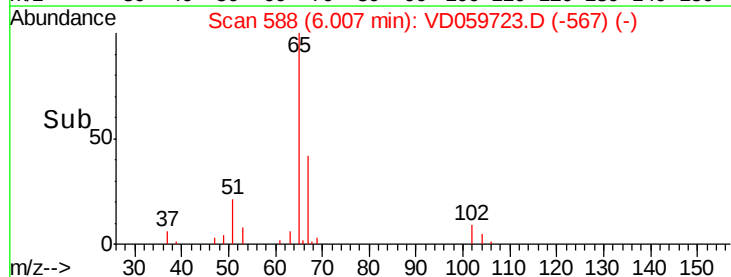
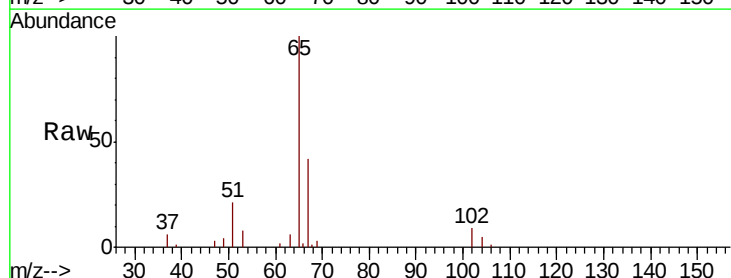
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MSVOA_D
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

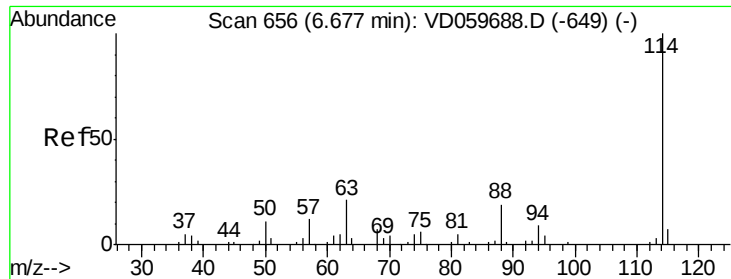
Tgt Ion: 84 Resp: 2782
Ion Ratio Lower Upper
84 100
49 142.4 143.4 215.2#
51 49.5 44.2 66.4
86 60.3 55.0 82.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

Tgt Ion: 65 Resp: 121568
Ion Ratio Lower Upper
65 100
67 42.0 0.0 80.4

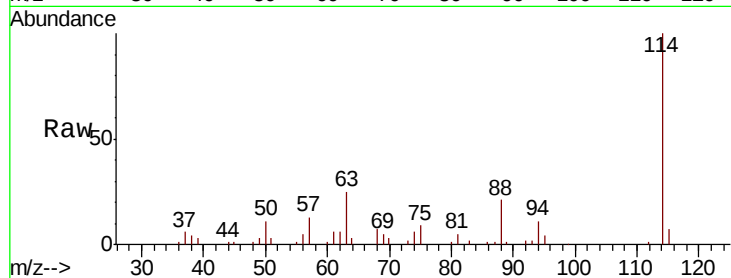




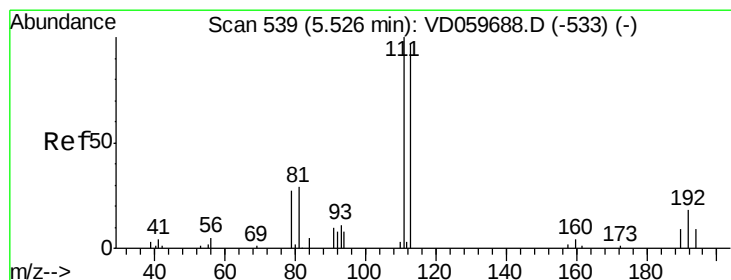
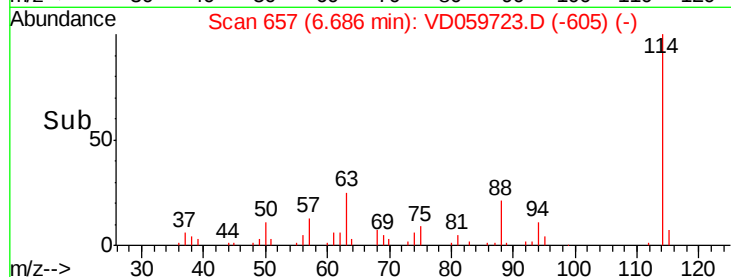
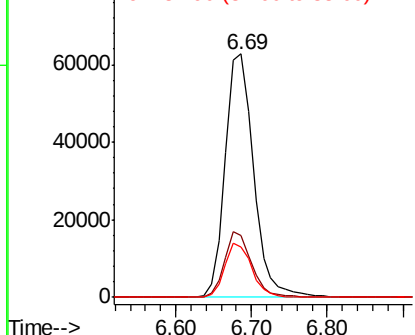
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:114 Resp: 163247
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 42.6
 88 20.5 0.0 38.8

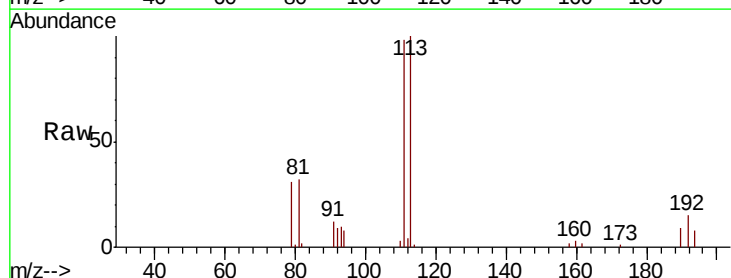


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

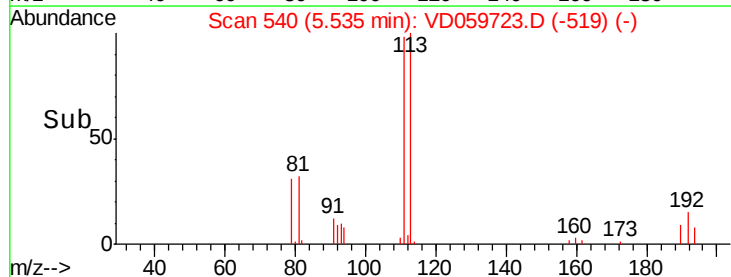
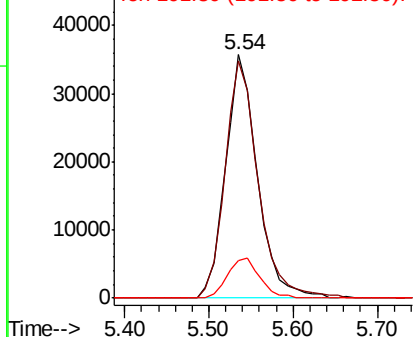


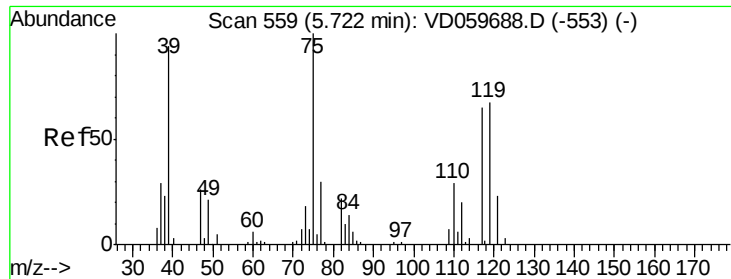
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

Tgt Ion:113 Resp: 93681
 Ion Ratio Lower Upper
 113 100
 111 97.7 82.8 124.2
 192 15.4 14.6 22.0



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

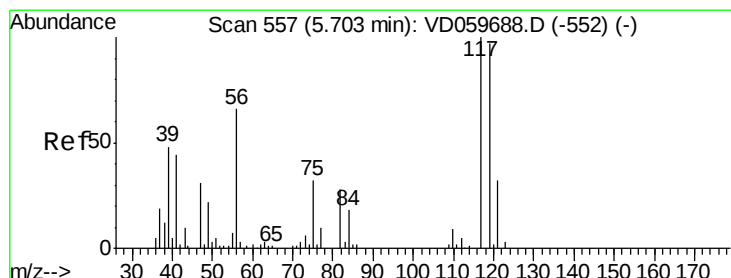
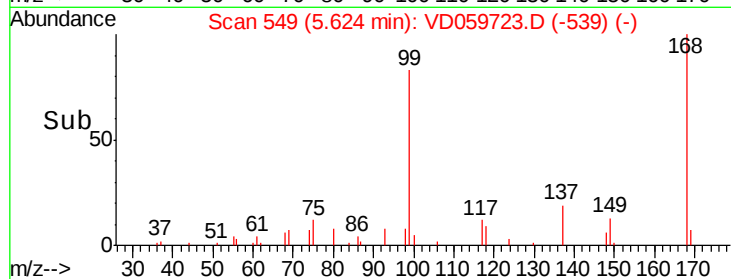
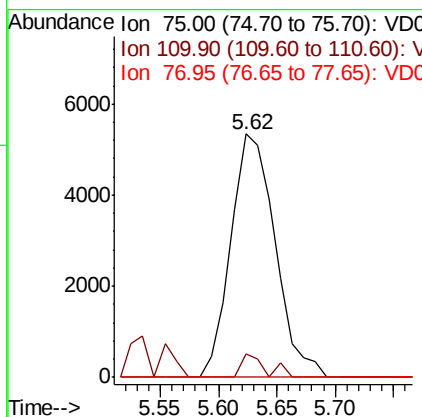
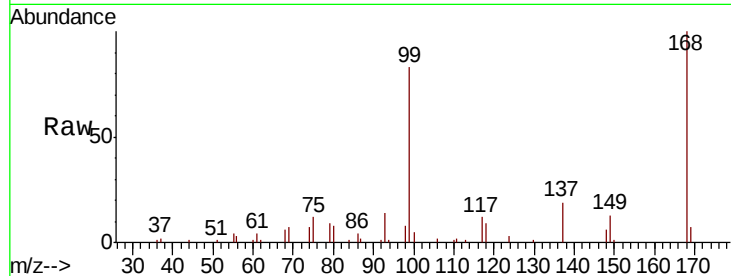




#36
 1,1-Dichloropropene
 Concen: 7.742 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.10 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

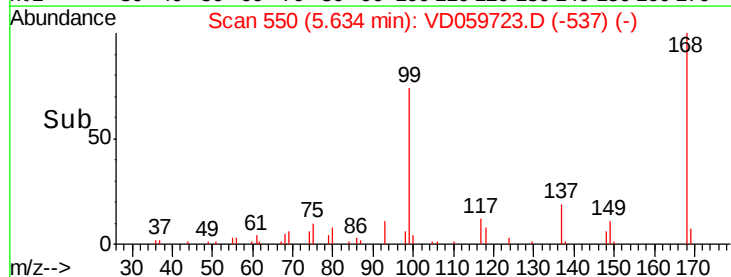
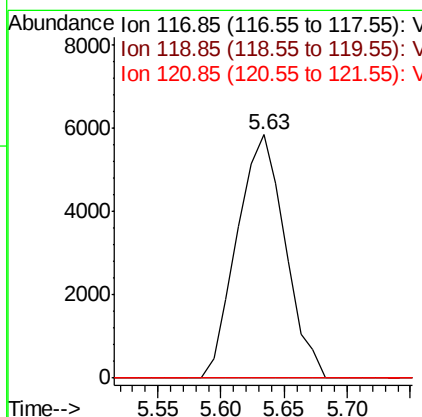
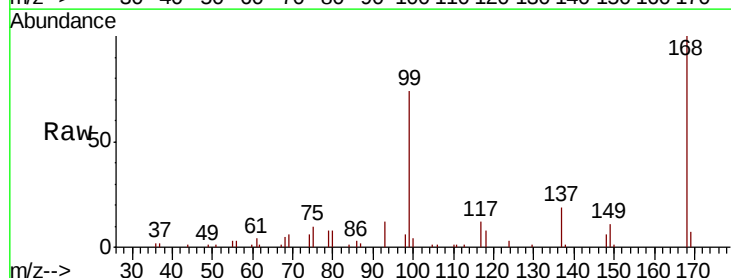
Instrument :
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 ClientSampleId :
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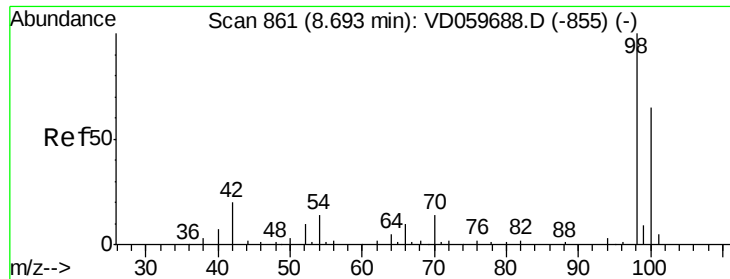
Tgt Ion: 75 Resp: 14050
 Ion Ratio Lower Upper
 75 100
 110 9.4 14.1 42.3#
 77 0.0 23.9 35.9#



#38
 Carbon Tetrachloride
 Concen: 6.372 ug/l
 RT: 5.63 min Scan# 550
 Delta R.T. -0.07 min
 Lab File: VD059723.D
 Acq: 9 Aug 2018 18:48

Tgt Ion: 117 Resp: 15475
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.3 112.9#
 121 0.0 24.4 36.6#

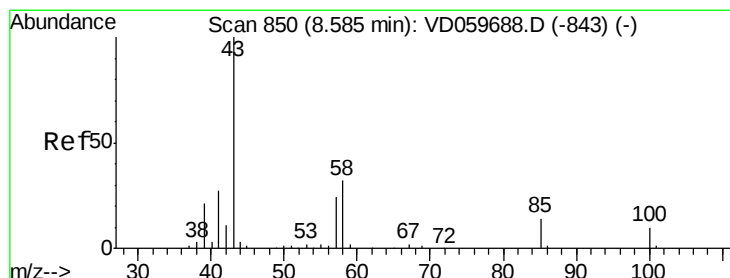
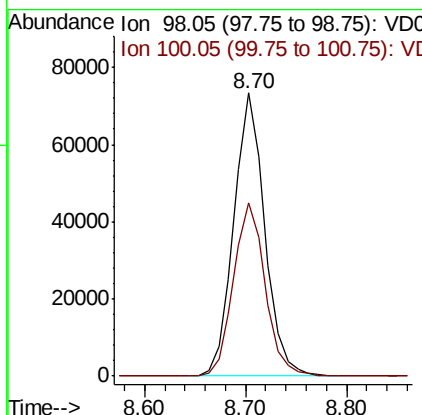
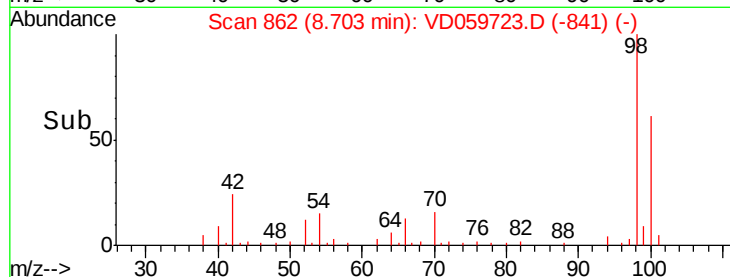
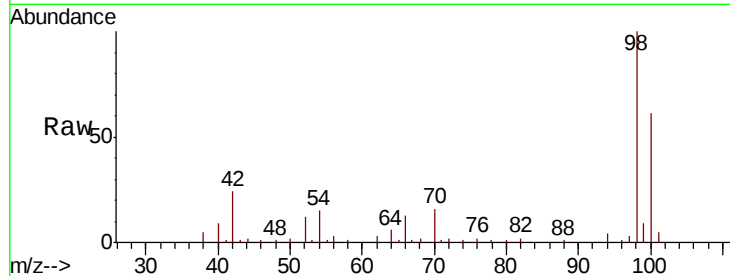




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

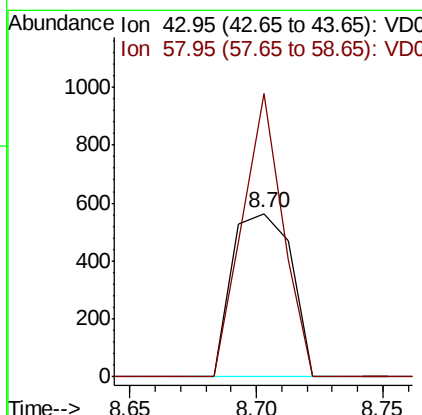
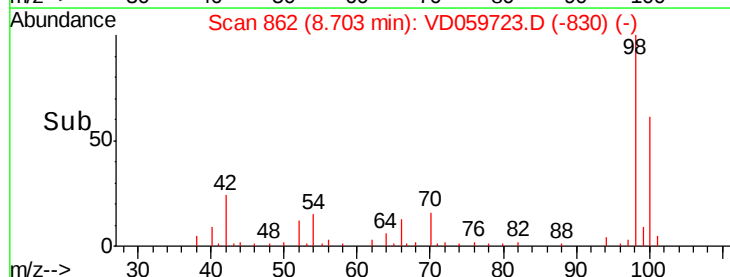
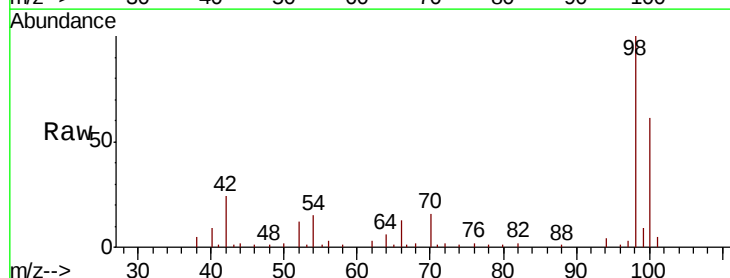
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

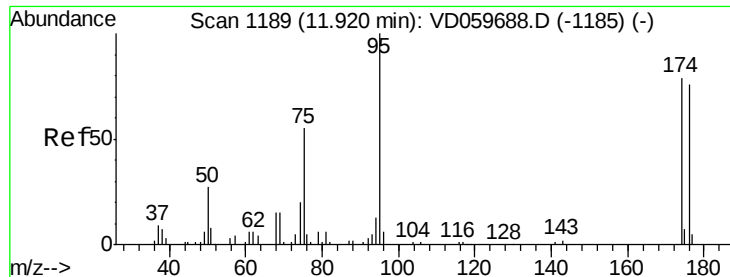
Tgt Ion: 98 Resp: 155855
Ion Ratio Lower Upper
98 100
100 61.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.095 ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.12 min
Lab File: VD059723.D
Acq: 9 Aug 2018 18:48

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 173.2 25.7 38.5#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-E8-F8-E8A-F8A

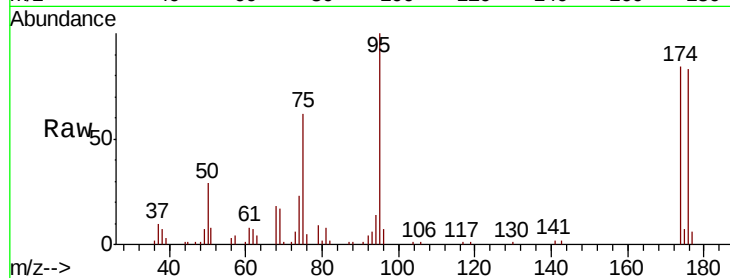
Tgt Ion: 95 Resp: 87281

Ion Ratio Lower Upper

95 100

174 84.0 0.0 158.4

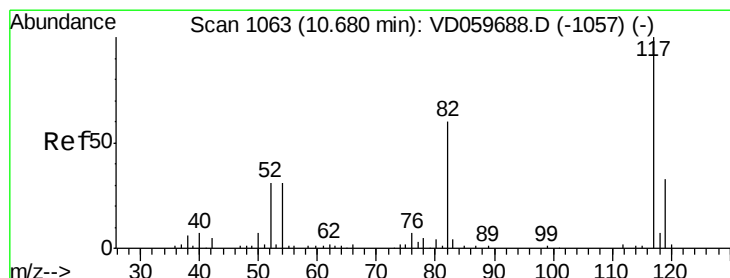
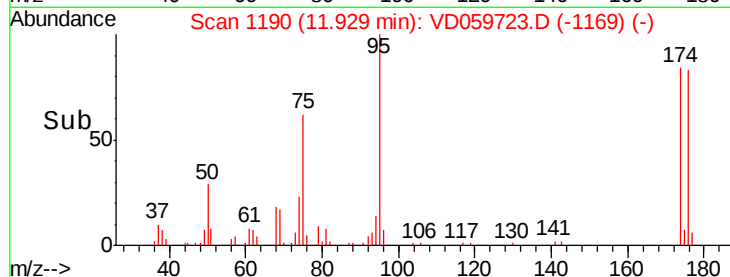
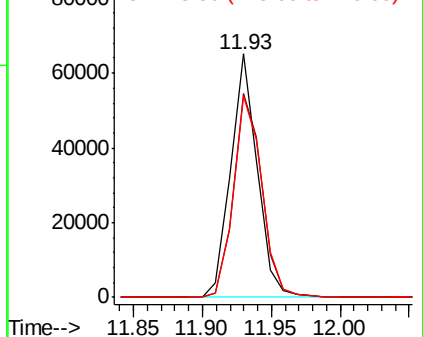
176 82.6 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): V

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: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

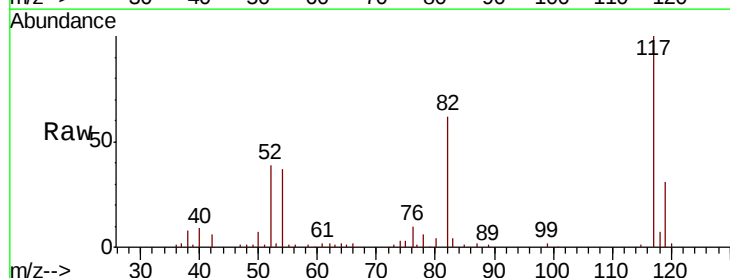
Tgt Ion: 117 Resp: 134877

Ion Ratio Lower Upper

117 100

82 61.5 47.7 71.5

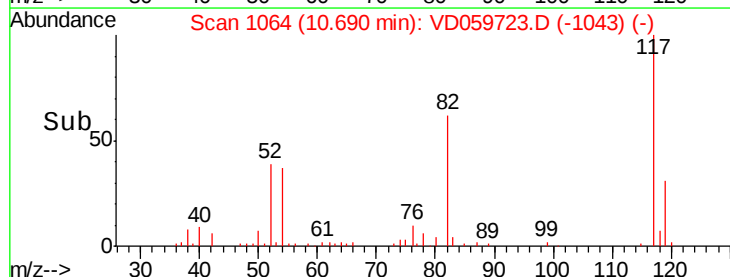
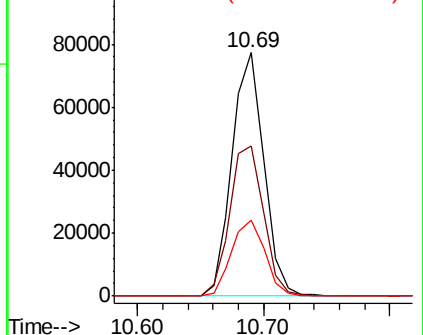
119 31.4 26.6 40.0

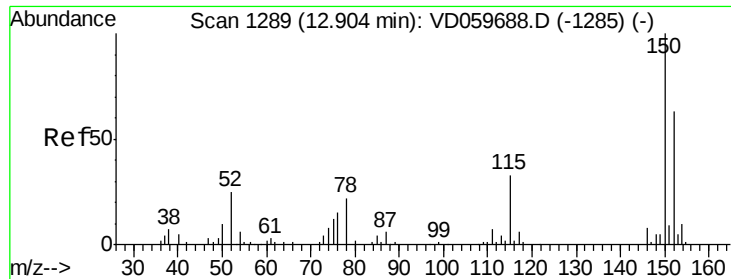


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD059723.D

Acq: 9 Aug 2018 18:48

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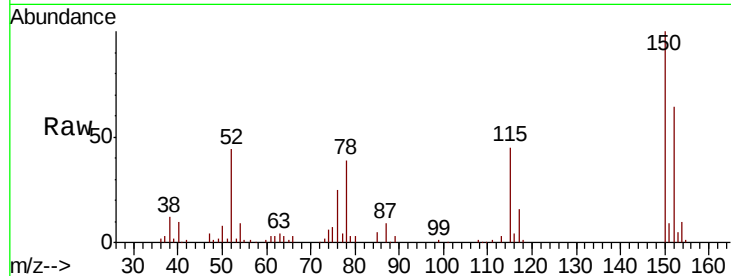
Tgt Ion:152 Resp: 80344

Ion Ratio Lower Upper

152 100

115 71.1 28.8 86.4

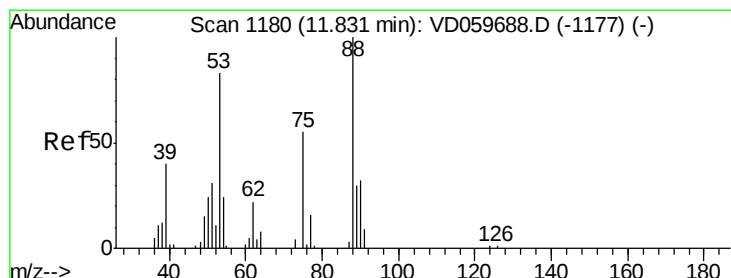
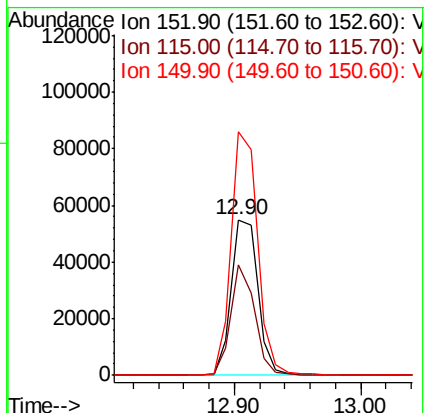
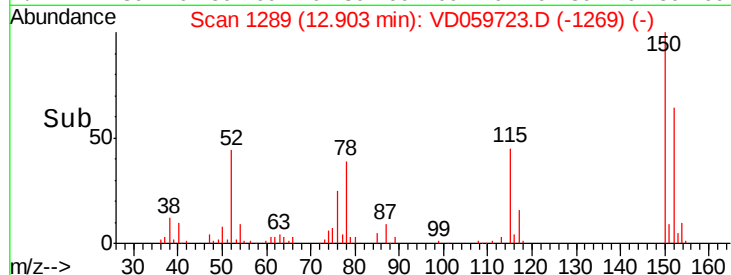
150 156.6 0.0 318.0



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: 176.898 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD059723.D

Acq: 9 Aug 2018 18:48

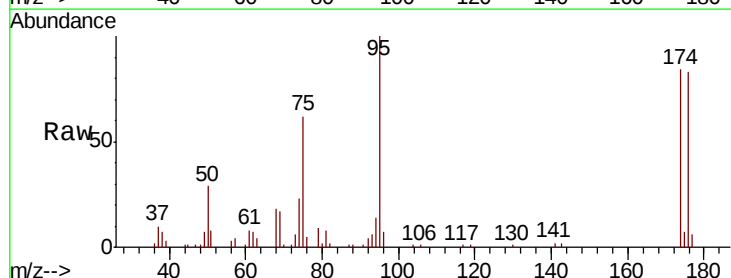
Tgt Ion: 75 Resp: 53620

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): V

Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V

