

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080718\
 Data File : VD059698.D
 Acq On : 7 Aug 2018 11:52
 Operator : VA/AP
 Sample : VD0807SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 08 08:04:29 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

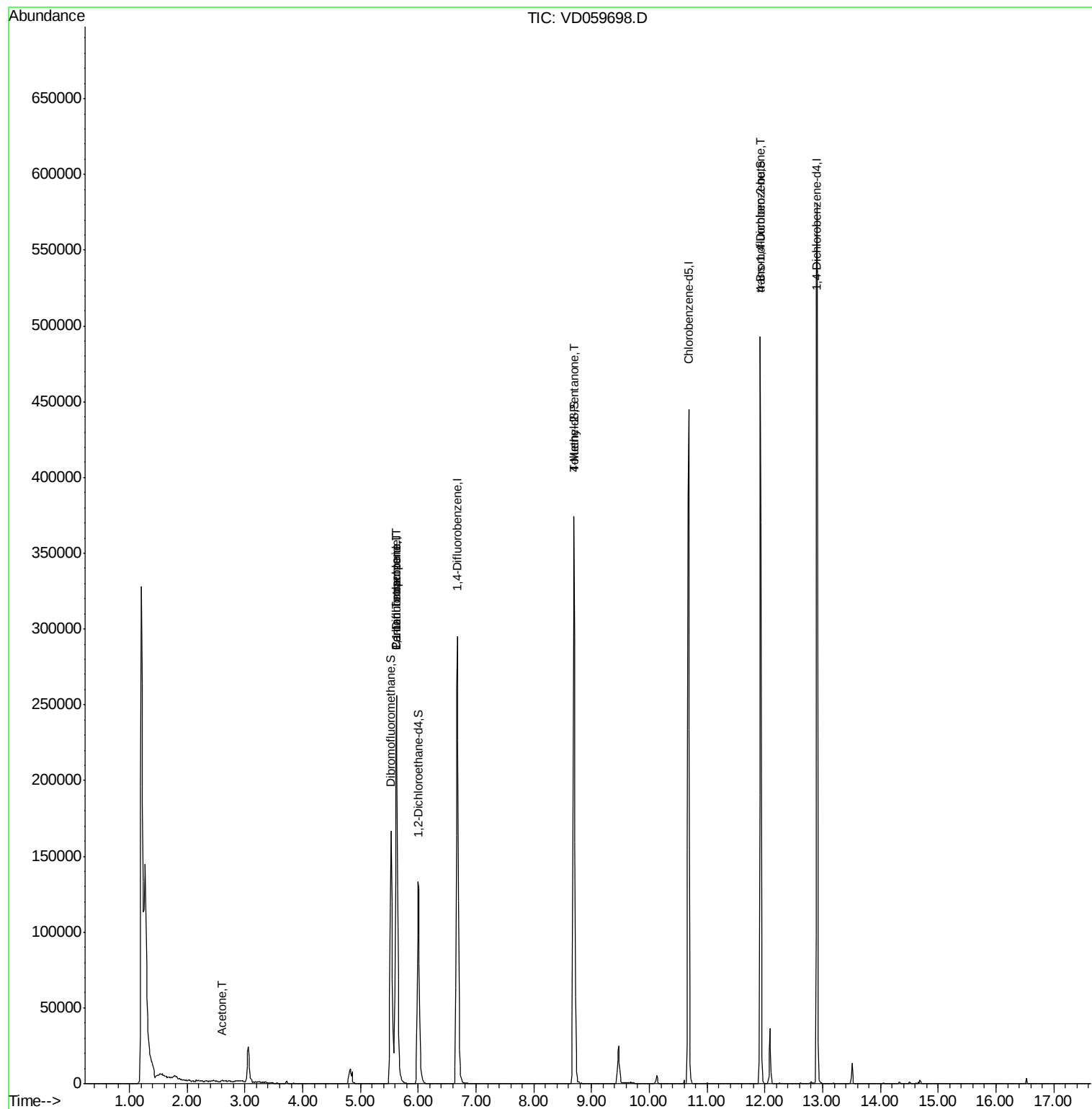
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	229322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	292971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	231738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	130143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	152626	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	5.53	113	138102	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	8.69	98	289389	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.92	95	132229	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
Target Compounds						
					Qvalue	
16) Acetone	2.60	43	903	1.630	ug/l #	60
20) Methylene Chloride	3.06	84	10812	Below Cal		96
31) Cyclohexane	5.62	56	5507	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	20569	6.315	ug/l #	51
38) Carbon Tetrachloride	5.62	117	22553	5.174	ug/l #	13
51) 4-Methyl-2-Pentanone	8.68	43	1812	1.202	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.92	75	69647	141.851	ug/l #	1

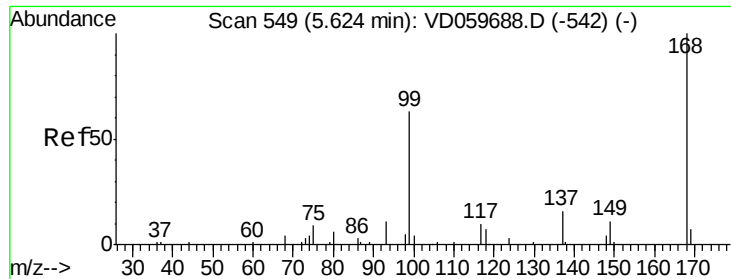
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080718\
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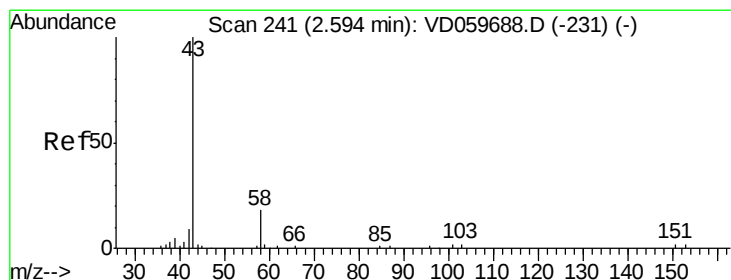
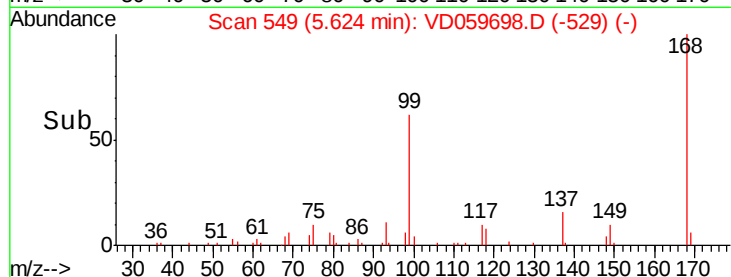
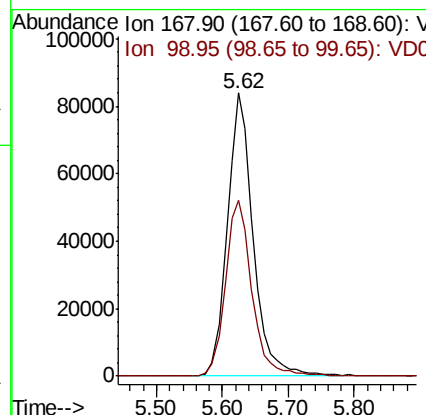
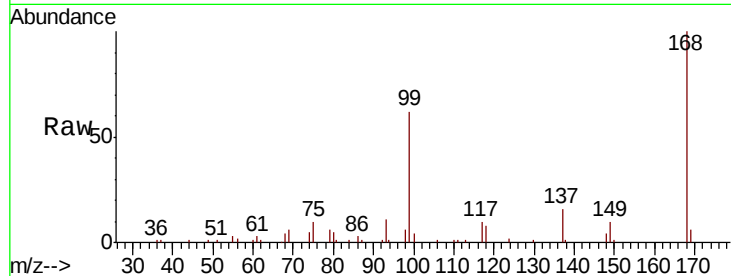




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.00 min
Lab File: VD059698.D
Acq: 7 Aug 2018 11:52

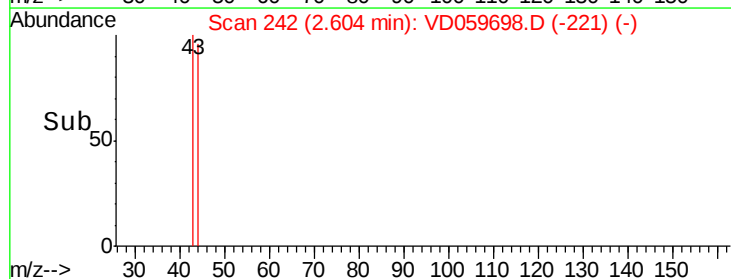
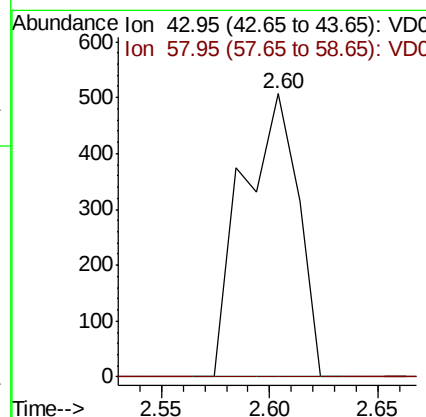
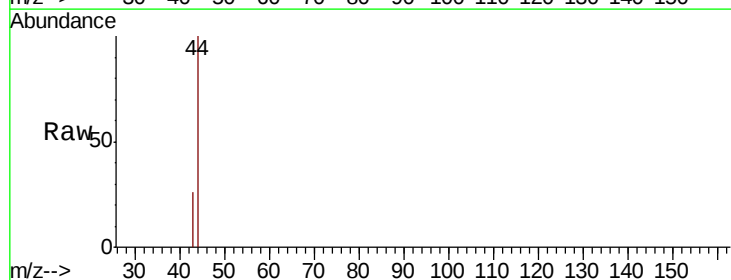
Instrument :
MSVOA_D
ClientSampleId :

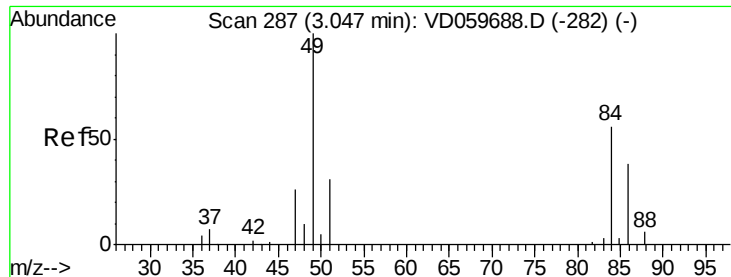
Tot Ion:168 Resp: 229322
Ion Ratio Lower Upper
168 100
99 61.9 53.4 80.2



#16
Acetone
Concen: 1.630 ug/l
RT: 2.60 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD059698.D
Acq: 7 Aug 2018 11:52

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 0.0 14.2 21.2#

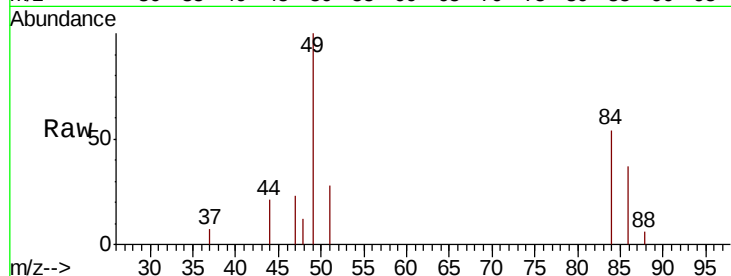




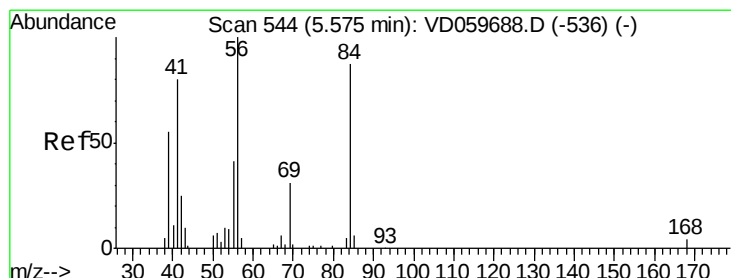
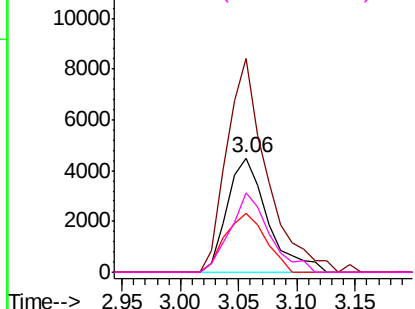
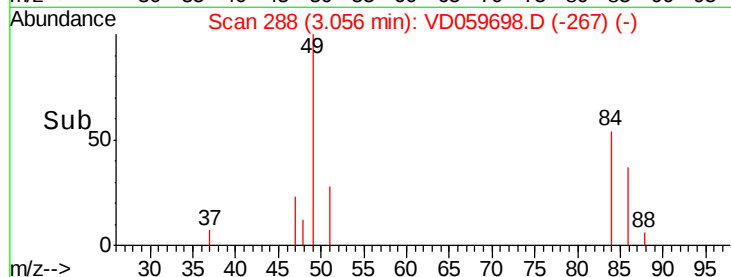
#20
Methvlene Chloride
Concen: Below Cal
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD059698.D
Acq: 7 Aug 2018 11:52

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 10812
Ion Ratio Lower Upper
84 100
49 186.7 143.4 215.2
51 51.9 44.2 66.4
86 69.2 55.0 82.6

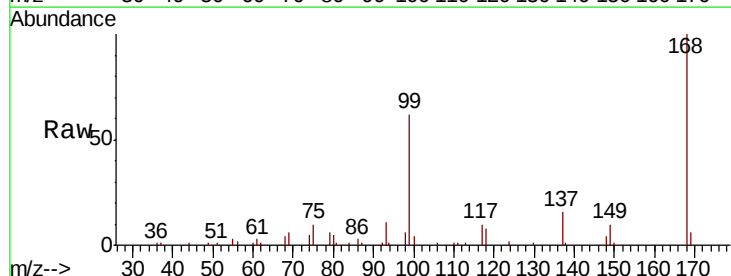


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

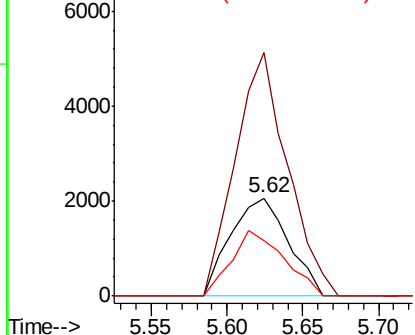
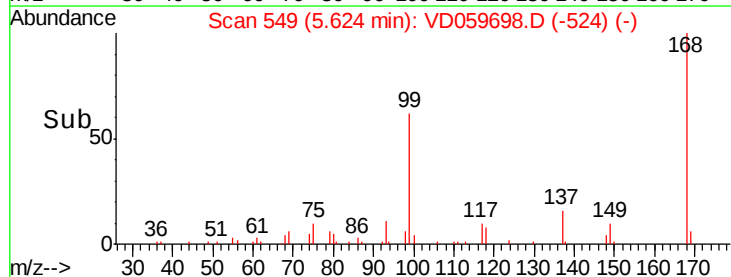


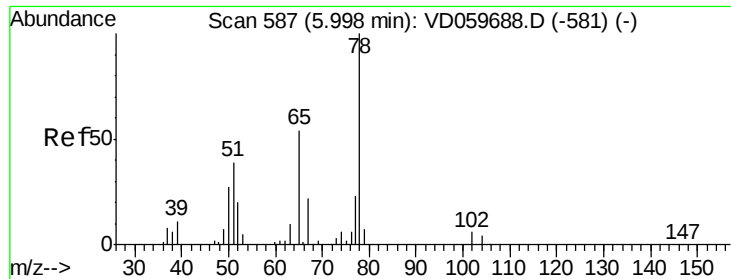
#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 549
Delta R.T. 0.05 min
Lab File: VD059698.D
Acq: 7 Aug 2018 11:52

Tgt Ion: 56 Resp: 5507
Ion Ratio Lower Upper
56 100
69 248.3 24.7 37.1#
84 56.1 72.2 108.2#



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. -0.00 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

Instrument :

MSVOA_D

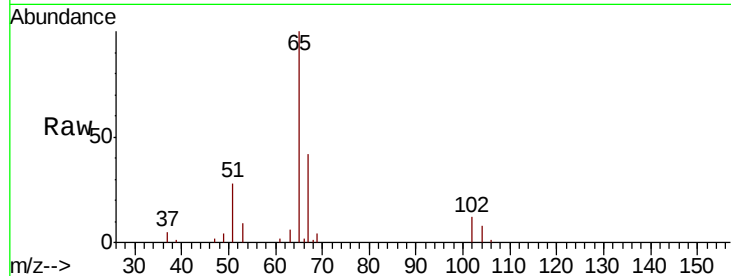
ClientSampleId :

Tot Ion: 65 Resp: 152626

Ion Ratio Lower Upper

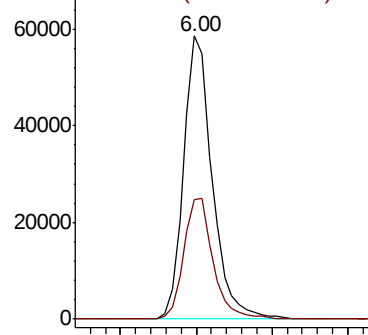
65 100

67 42.4 0.0 80.4

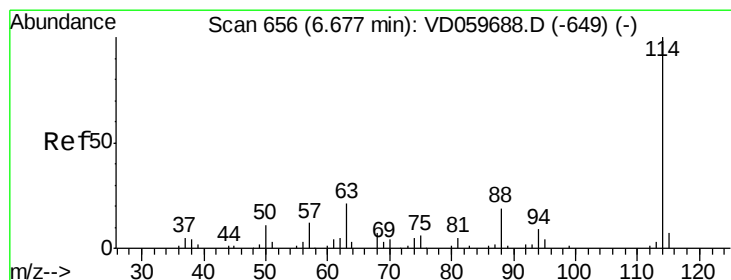
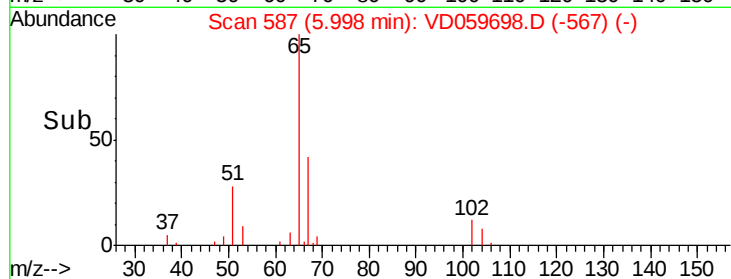


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

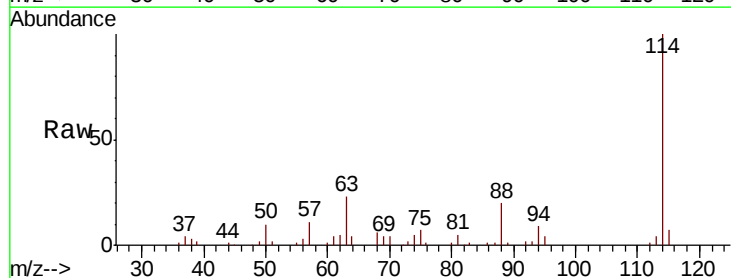
Tgt Ion: 114 Resp: 292971

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.6

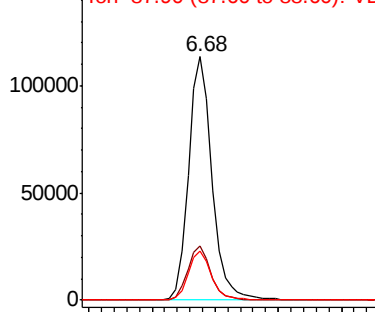
88 20.4 0.0 38.8



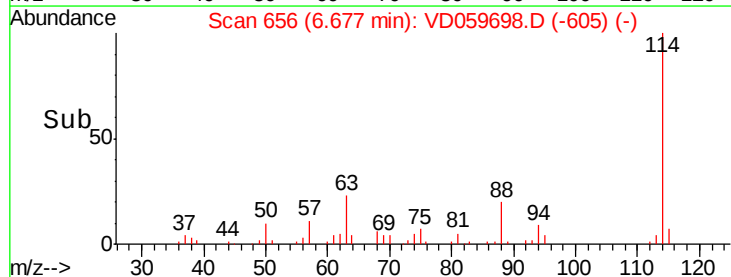
Abundance Ion 114.00 (113.70 to 114.70): VDC

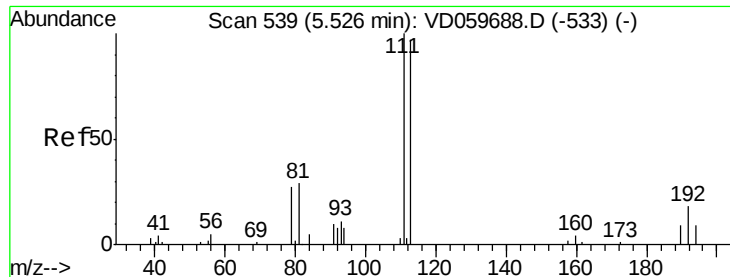
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time-->

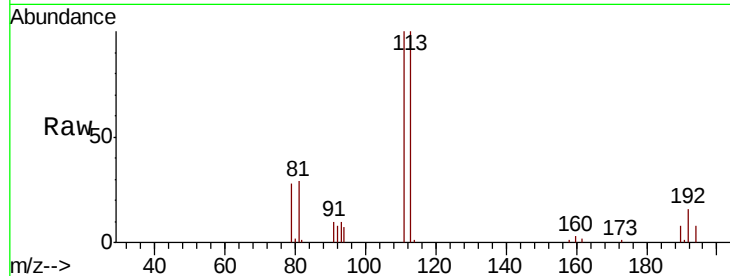




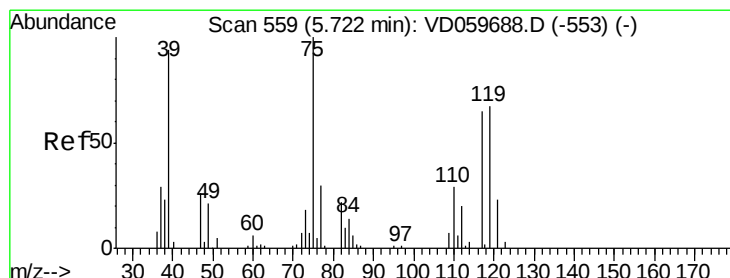
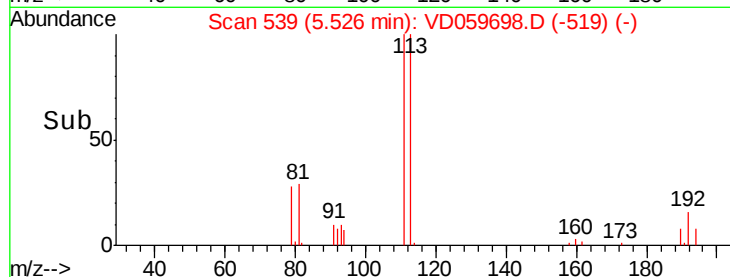
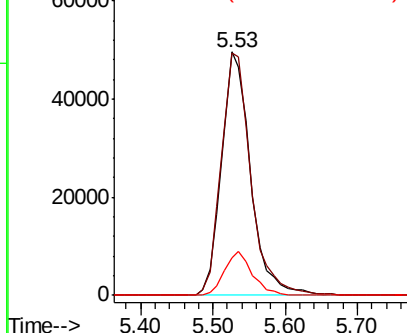
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VD059698.D
 Acq: 7 Aug 2018 11:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:113 Resp: 138102
 Ion Ratio Lower Upper
 113 100
 111 99.6 82.8 124.2
 192 15.5 14.6 22.0

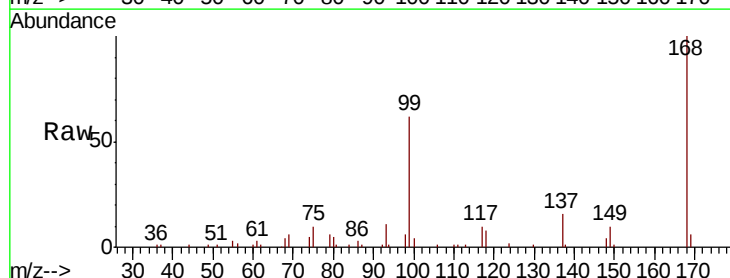


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

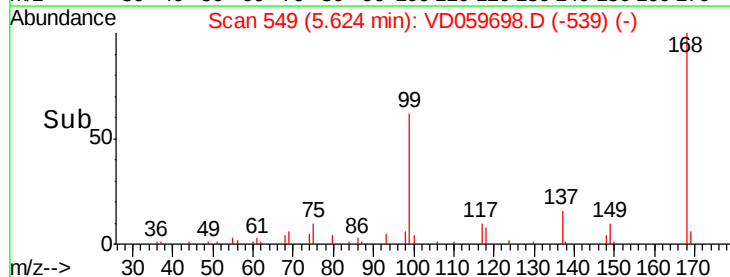
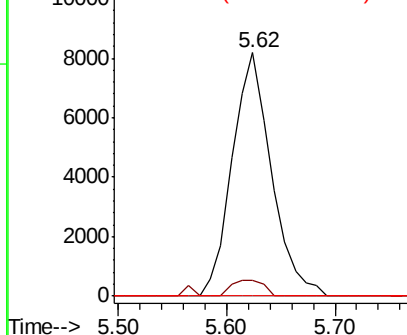


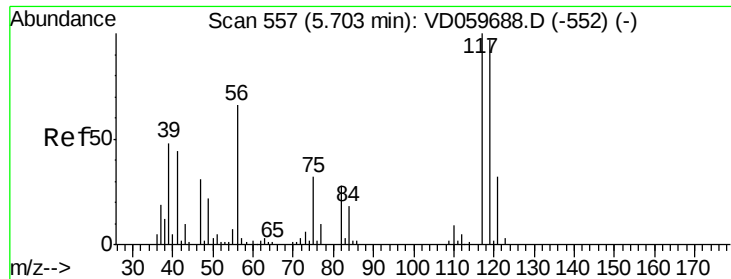
#36
 1,1-Dichloropropene
 Concen: 6.315 ug/l
 RT: 5.62 min Scan# 549
 Delta R.T. -0.10 min
 Lab File: VD059698.D
 Acq: 7 Aug 2018 11:52

Tgt Ion: 75 Resp: 20569
 Ion Ratio Lower Upper
 75 100
 110 6.4 14.1 42.3#
 77 0.0 23.9 35.9#



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





#38

Carbon Tetrachloride

Concen: 5.174 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

Instrument :

MSVOA_D

ClientSampled :

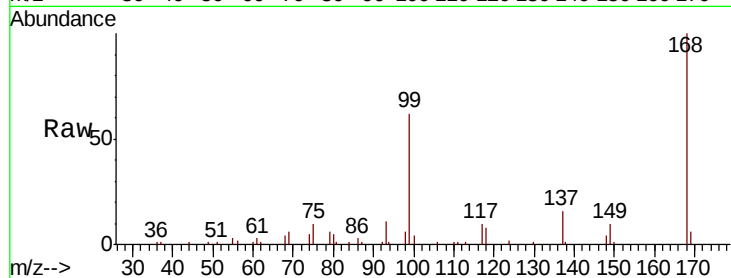
Tot Ion:117 Resp: 22553

Ion Ratio Lower Upper

117 100

119 0.0 75.3 112.9#

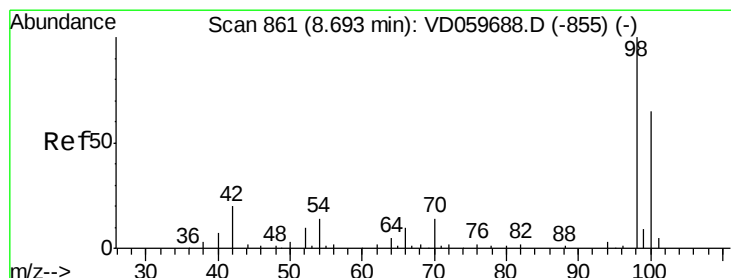
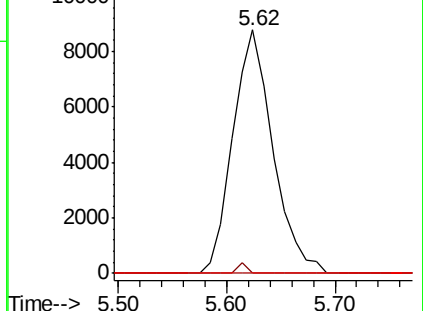
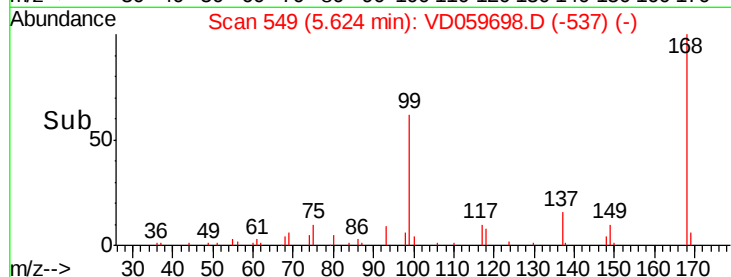
121 0.0 24.4 36.6#



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. -0.00 min

Lab File: VD059698.D

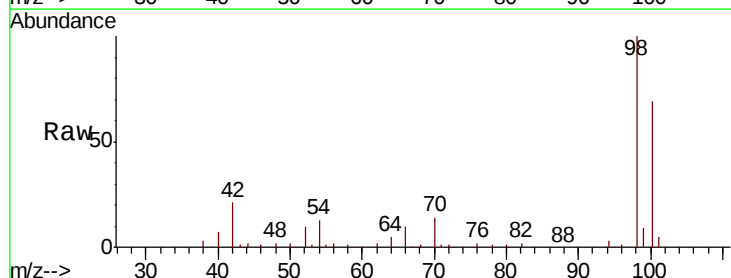
Acq: 7 Aug 2018 11:52

Tgt Ion: 98 Resp: 289389

Ion Ratio Lower Upper

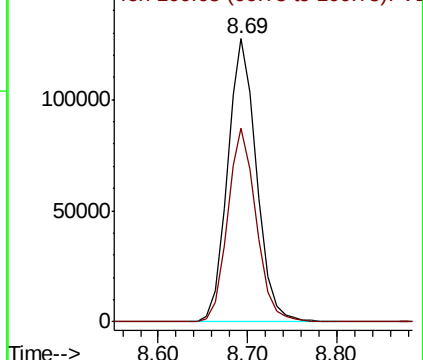
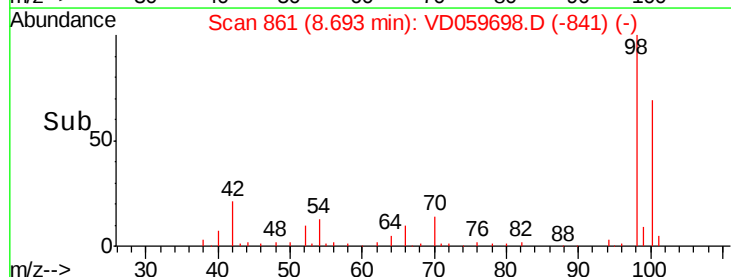
98 100

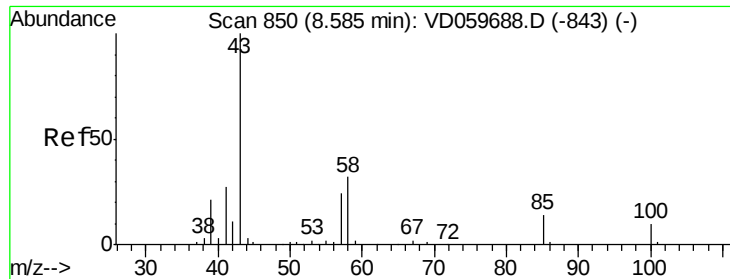
100 68.5 52.5 78.7



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.202 ug/l

RT: 8.68 min Scan# 860

Delta R.T. 0.10 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

Instrument :

MSVOA_D

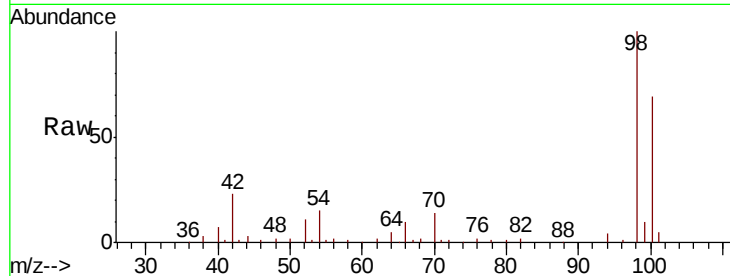
ClientSampleId :

Tot Ion: 43 Resp: 1812

Ion Ratio Lower Upper

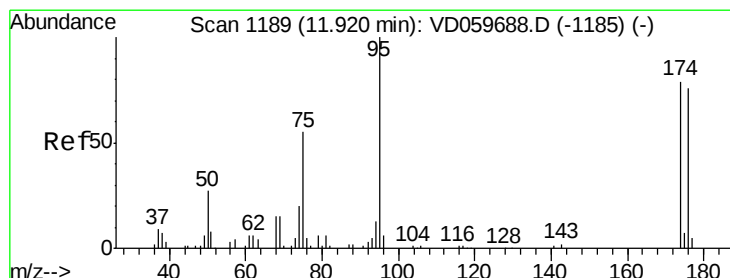
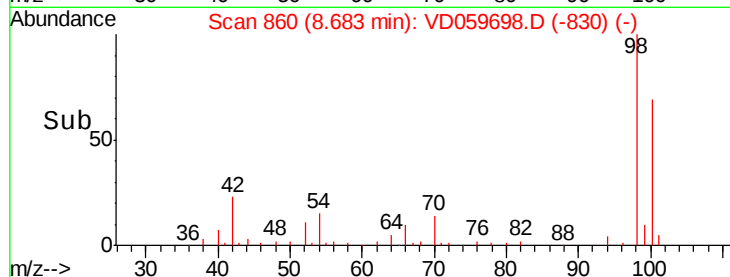
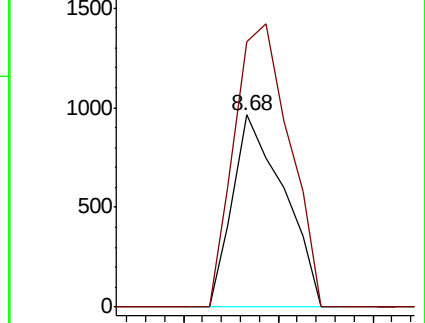
43 100

58 138.6 25.7 38.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

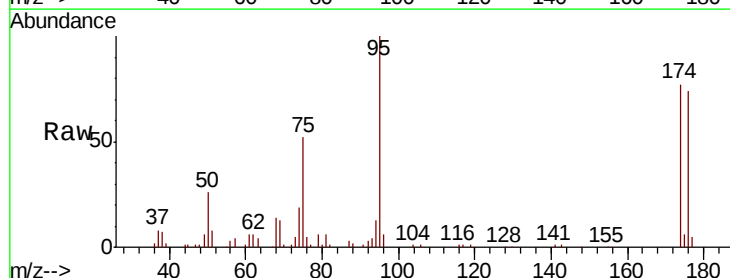
Tgt Ion: 95 Resp: 132229

Ion Ratio Lower Upper

95 100

174 76.9 0.0 158.4

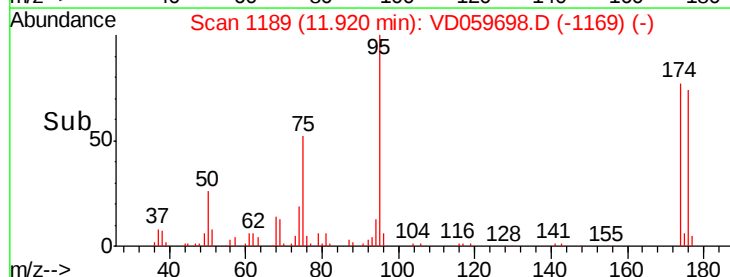
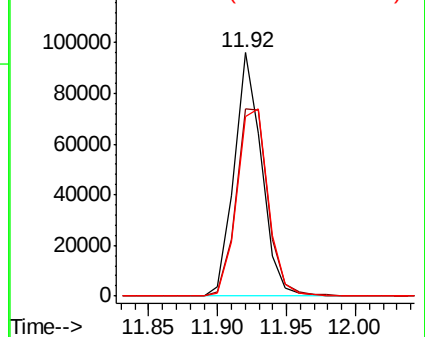
176 73.6 0.0 153.0

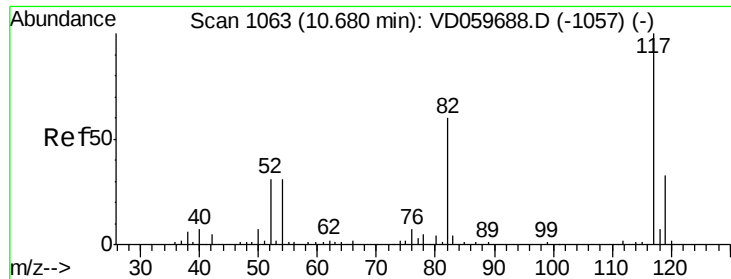


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

Instrument :

MSVOA_D

ClientSampleId :

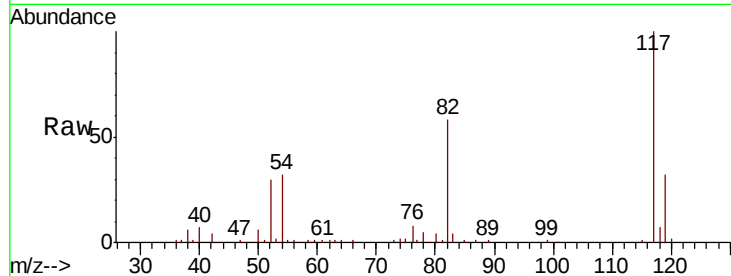
Tot Ion:117 Resp: 231738

Ion Ratio Lower Upper

117 100

82 57.6 47.7 71.5

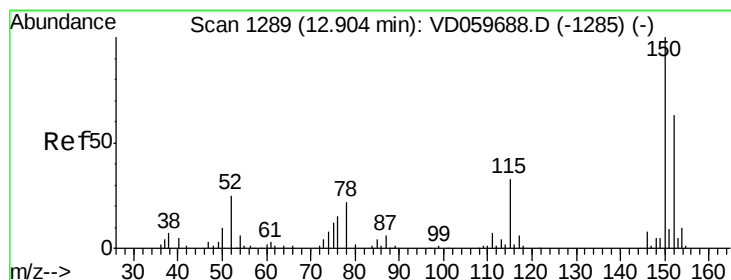
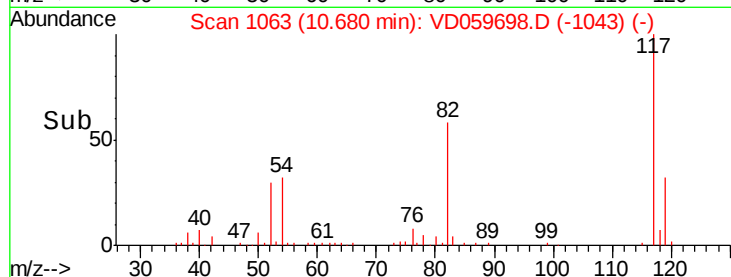
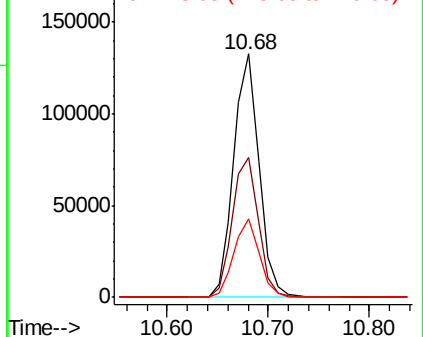
119 32.3 26.6 40.0



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: VD059698.D

Acq: 7 Aug 2018 11:52

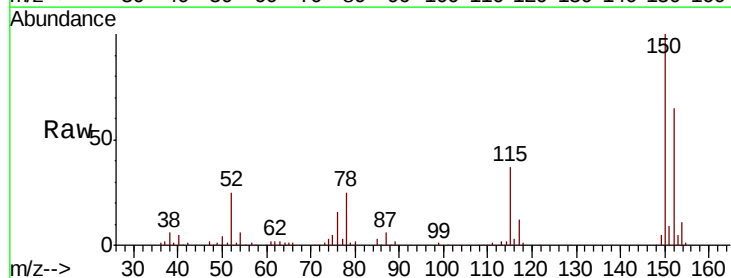
Tgt Ion:152 Resp: 130143

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.4

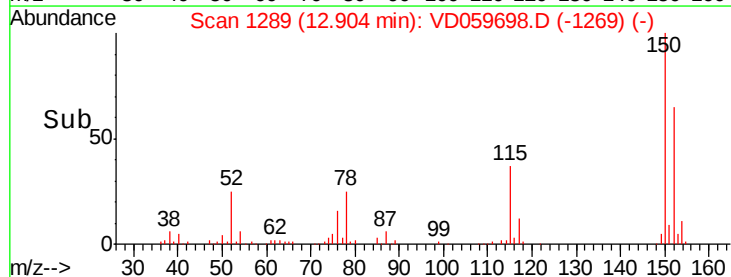
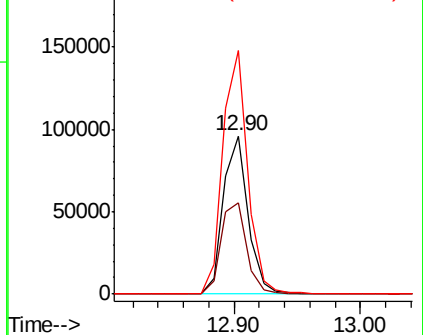
150 154.0 0.0 318.0

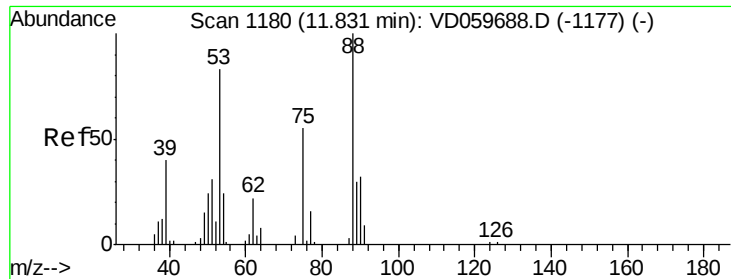


Abundance Ion 151.90 (151.60 to 152.60): V

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: 141.851 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059698.D

Acq: 7 Aug 2018 11:52

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 69647

Ion Ratio Lower Upper

75 100

53 0.0 120.5 180.7#

89 0.0 44.4 66.6#

