

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006853.D
 Acq On : 13 Nov 2018 14:46
 Operator : SY/AP
 Sample : J5860-20
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 13 15:24:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

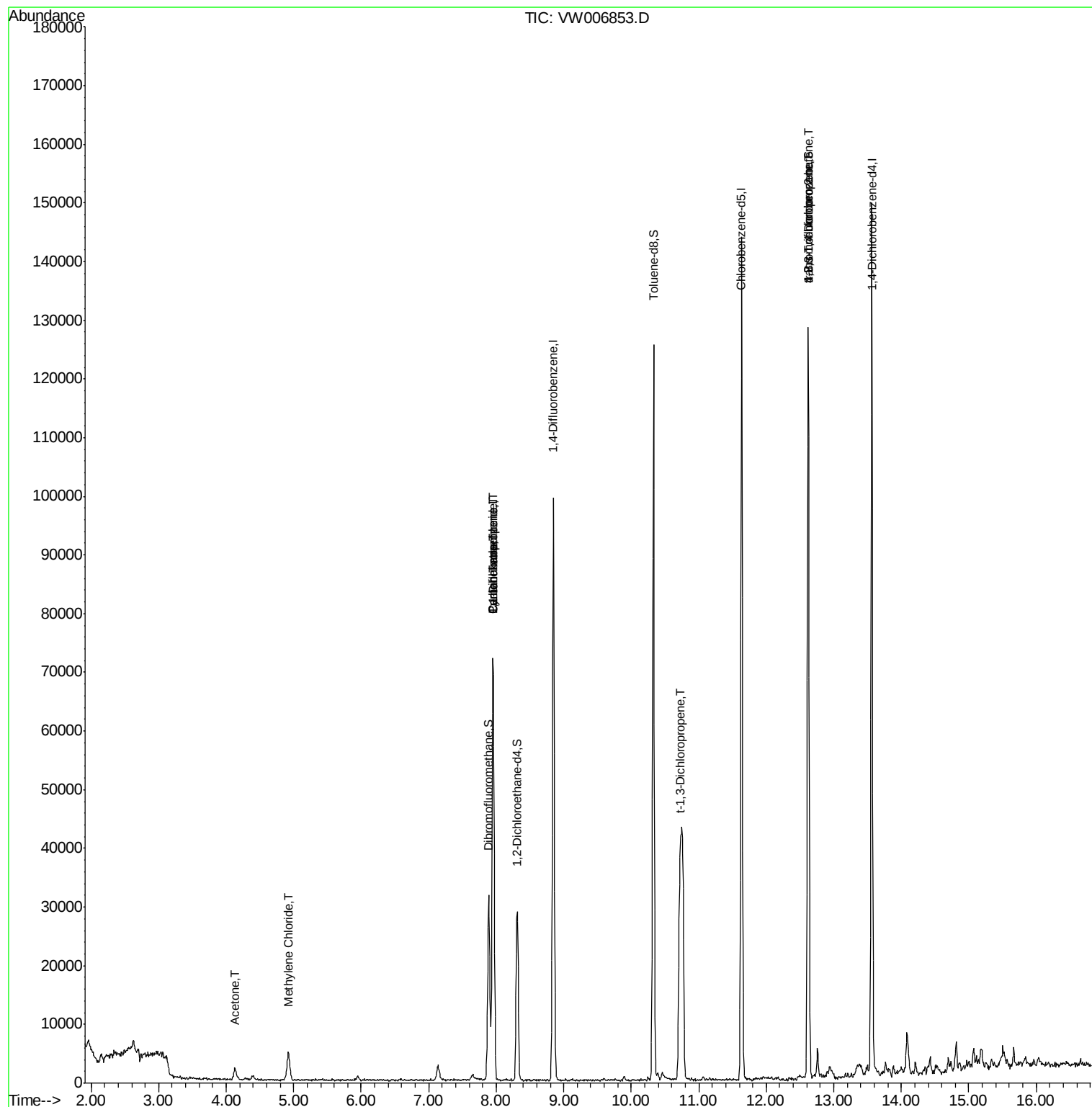
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	60871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	89067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23413	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	7.89	113	22366	42.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.34%	
50) Toluene-d8	10.33	98	88959	40.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.94%	
62) 4-Bromofluorobenzene	12.62	95	32735	40.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	3607	56.442	ug/l #	77
20) Methylene Chloride	4.92	84	4125	2.111	ug/l	95
31) Cyclohexane	7.95	56	1102	1.292	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	3584	4.300	ug/l #	46
38) Carbon Tetrachloride	7.95	117	5117	5.649	ug/l #	14
53) t-1,3-Dichloropropene	10.71	75	1154	1.572	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	15388	49.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15388	122.281	ug/l #	13

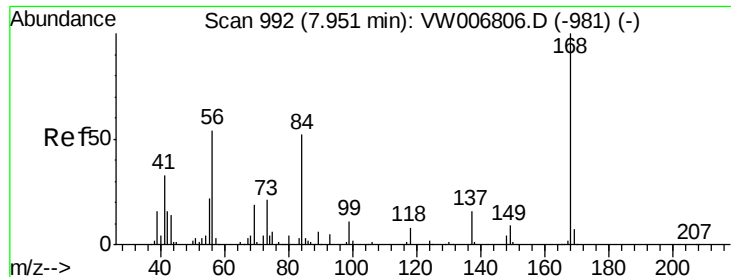
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

Quant Time: Nov 13 15:24:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

Instrument :

MSVOA_W

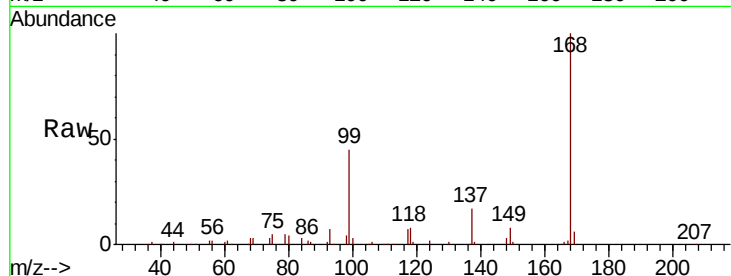
ClientSampleId :

Tot Ion:168 Resp: 60871

Ion Ratio Lower Upper

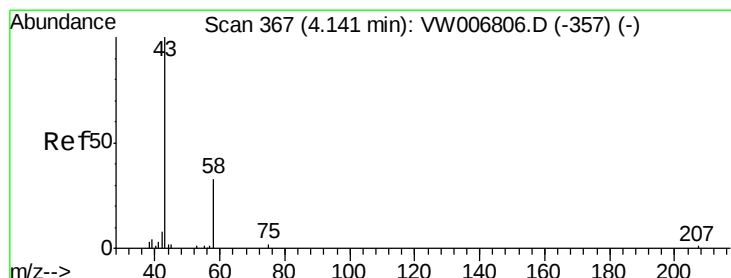
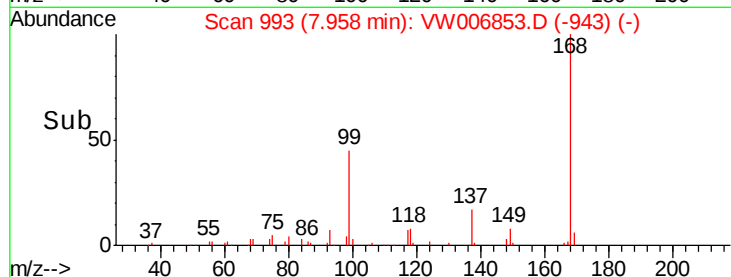
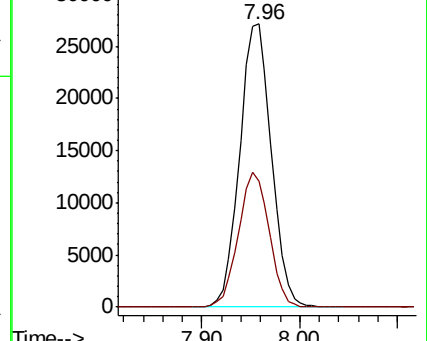
168 100

99 44.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 56.442 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006853.D

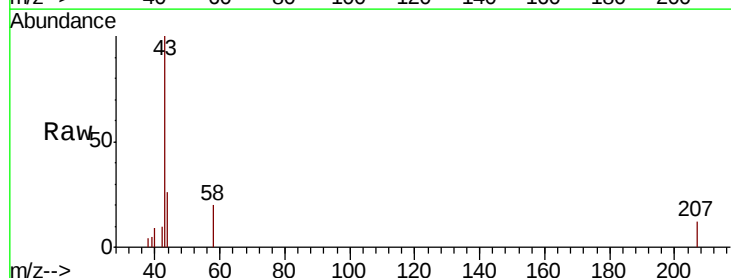
Acq: 13 Nov 2018 14:46

Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

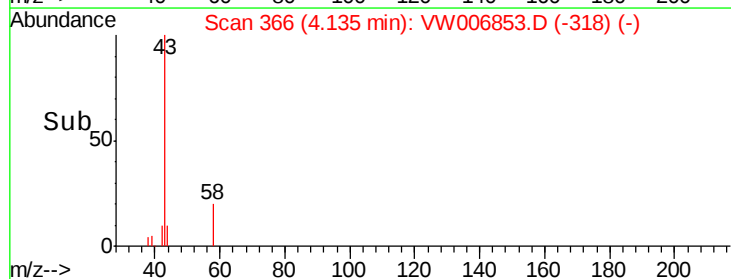
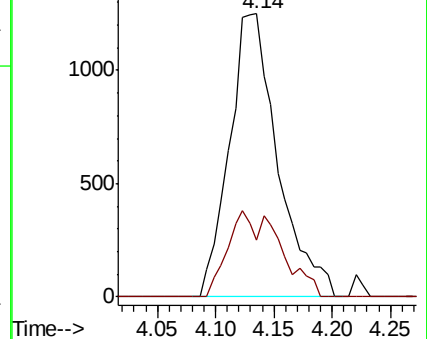
43 100

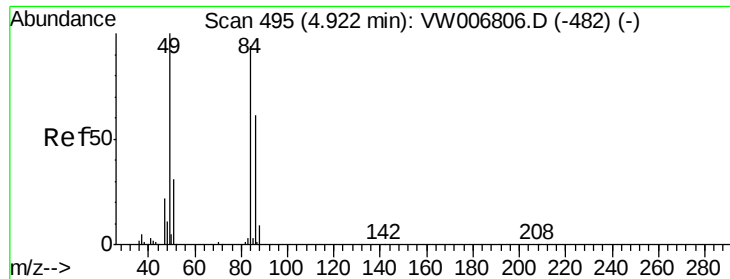
58 19.9 26.5 39.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

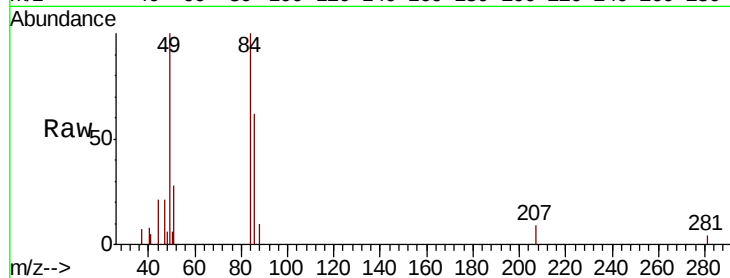




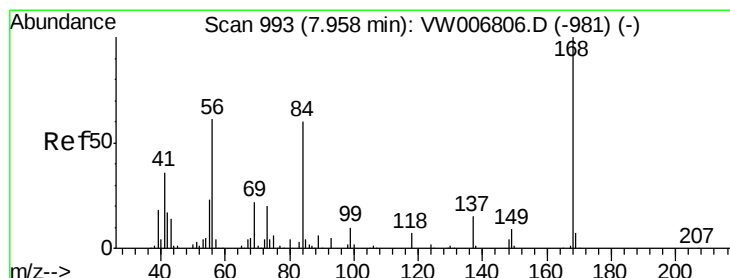
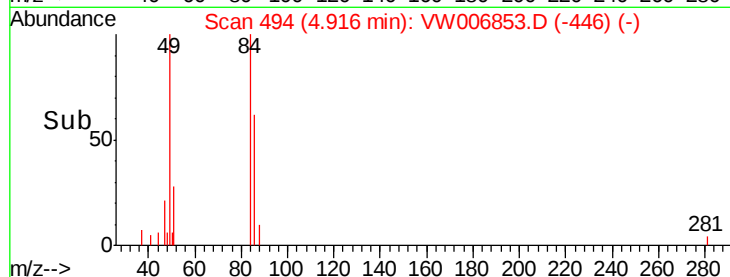
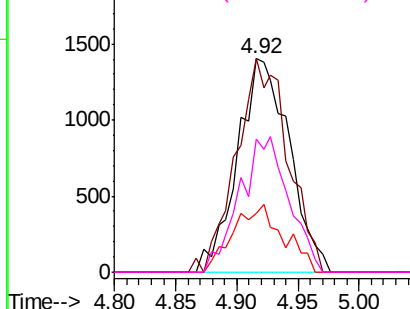
#20
Methvlene Chloride
Concen: 2.111 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006853.D
Acq: 13 Nov 2018 14:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 4125
Ion Ratio Lower Upper
84 100
49 100.1 84.8 127.2
51 27.6 26.2 39.4
86 62.3 51.8 77.8

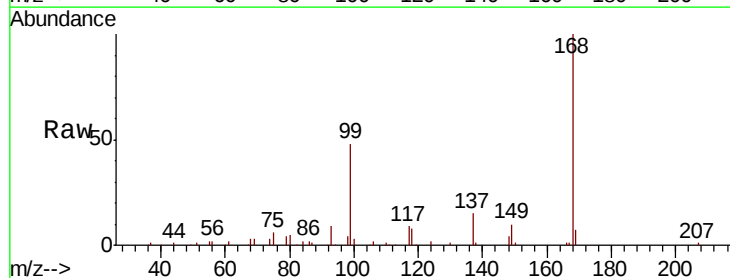


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

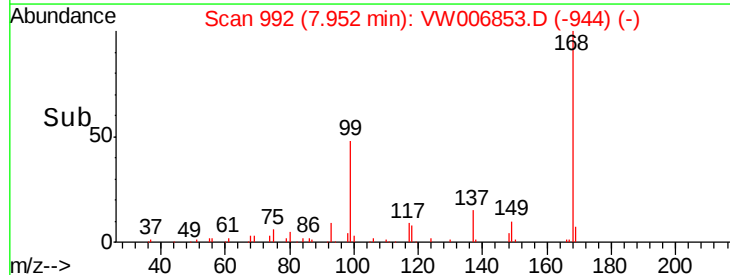
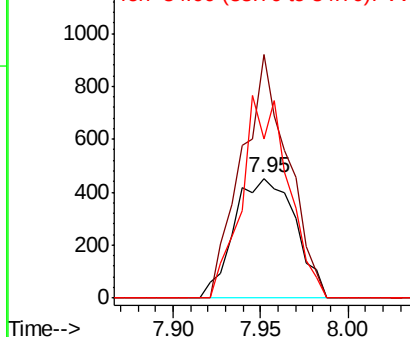


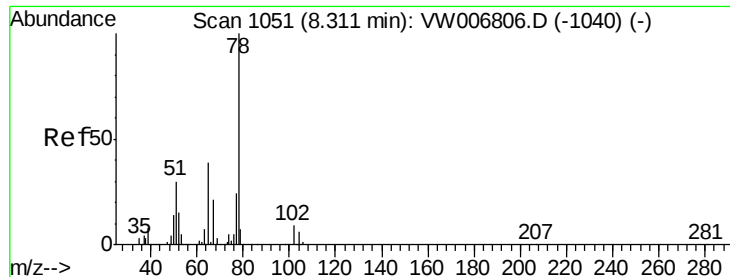
#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006853.D
Acq: 13 Nov 2018 14:46

Tgt Ion: 56 Resp: 1102
Ion Ratio Lower Upper
56 100
69 203.1 28.9 43.3#
84 132.2 79.0 118.4#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

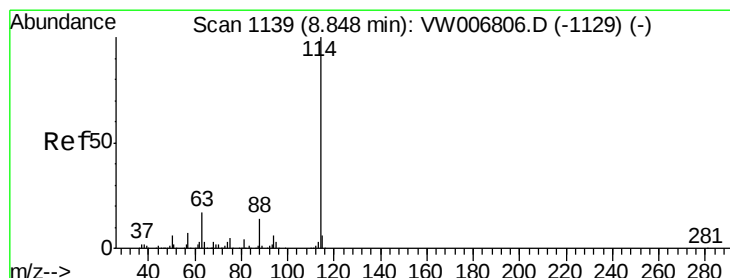
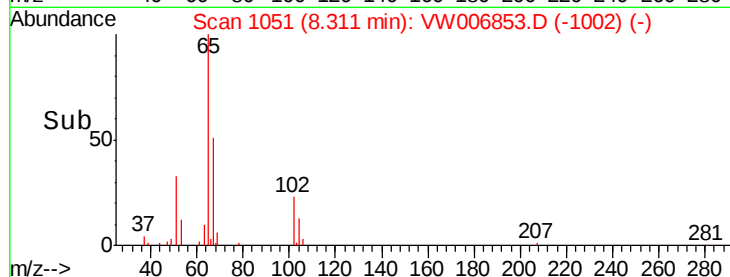
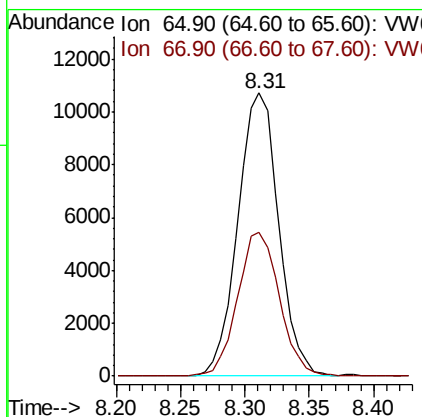
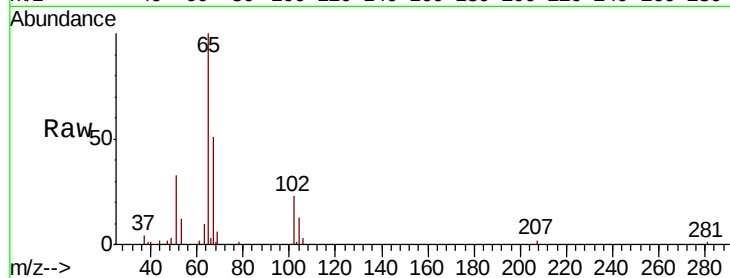




#33
 1,2-Dichloroethane-d4
 Concen: 52.615 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006853.D
 Acq: 13 Nov 2018 14:46

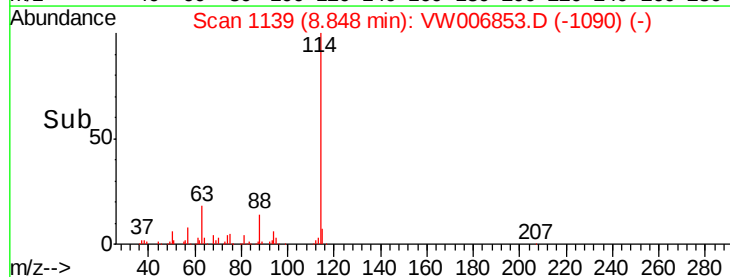
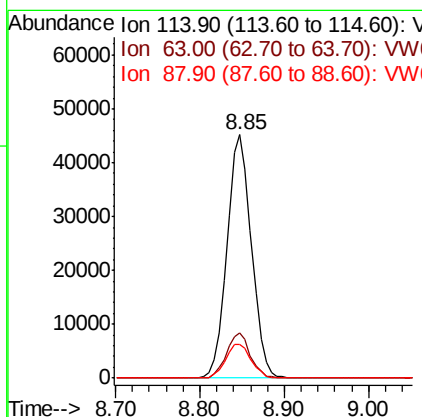
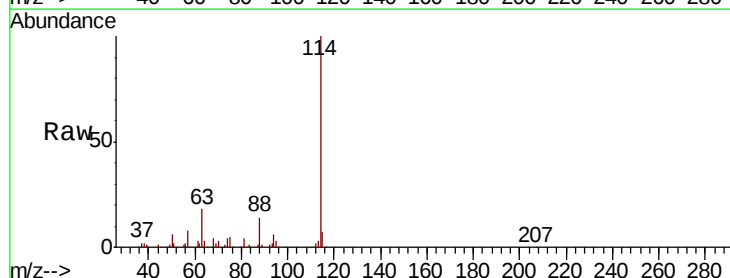
Instrument :
 MSVOA_W
 ClientSampleId :

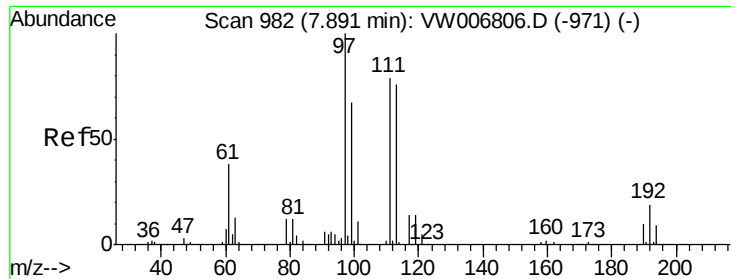
Tot Ion: 65 Resp: 23413
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006853.D
 Acq: 13 Nov 2018 14:46

Tgt Ion: 114 Resp: 89067
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 33.6
 88 14.0 0.0 28.4

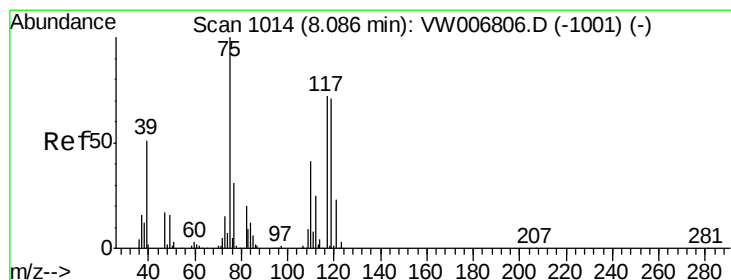
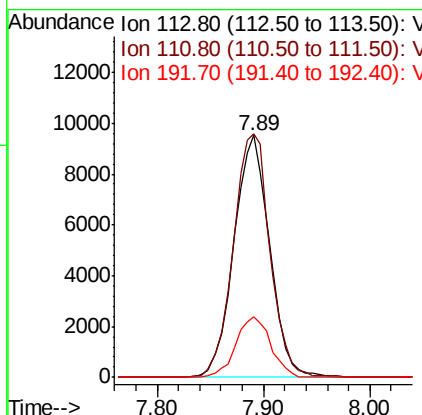
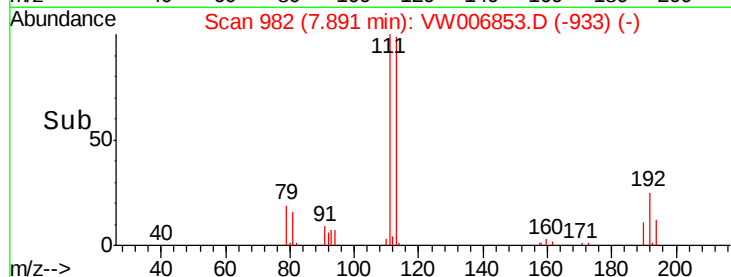
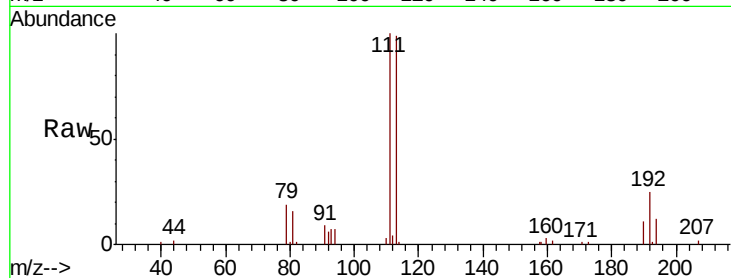




#35
Dibromofluoromethane
Concen: 42.171 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006853.D
Acq: 13 Nov 2018 14:46

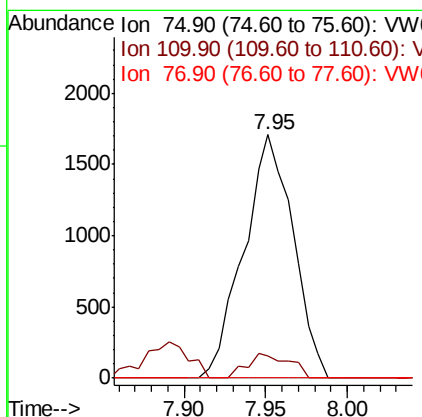
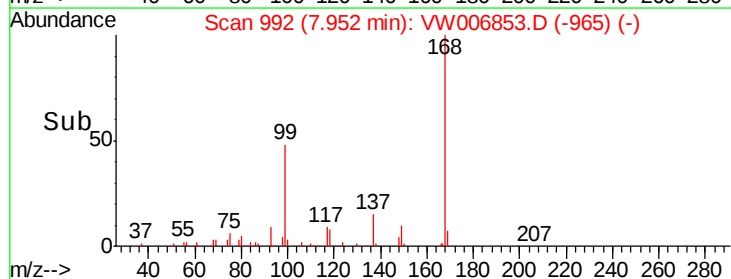
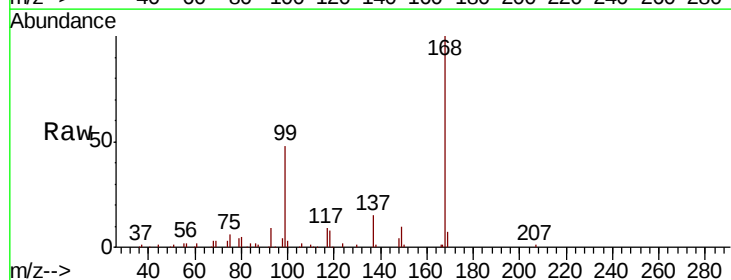
Instrument :
MSVOA_W
ClientSampleId :

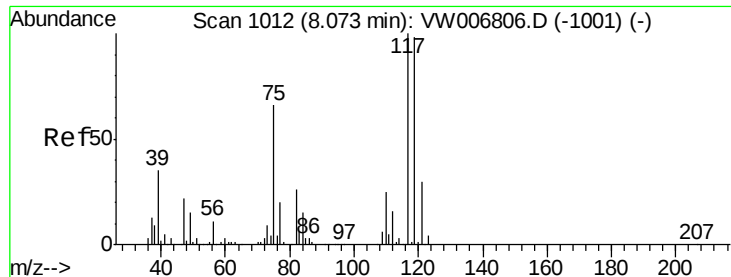
Tot Ion:113 Resp: 22366
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.6
192 24.6 19.0 28.6



#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW006853.D
Acq: 13 Nov 2018 14:46

Tgt Ion: 75 Resp: 3584
Ion Ratio Lower Upper
75 100
110 8.6 19.9 59.6#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.649 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

Instrument :

MSVOA_W

ClientSampleId :

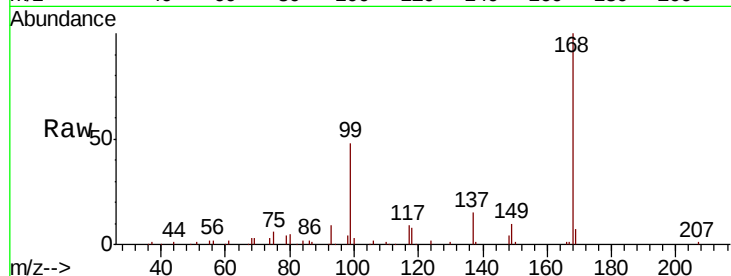
Tot Ion:117 Resp: 5117

Ion Ratio Lower Upper

117 100

119 3.1 78.5 117.7#

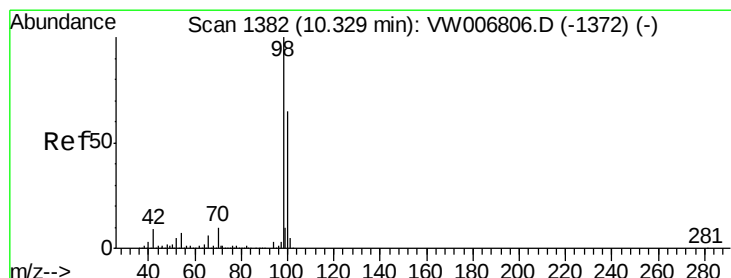
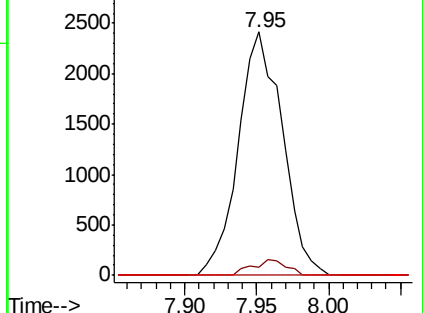
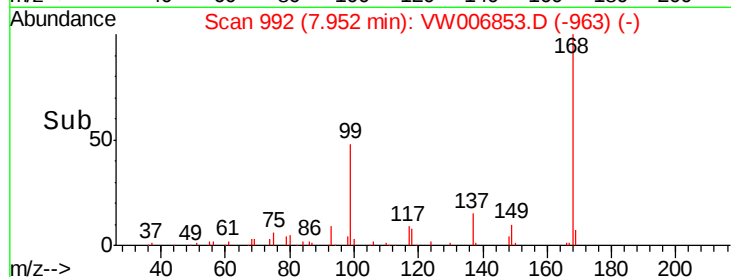
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 40.467 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006853.D

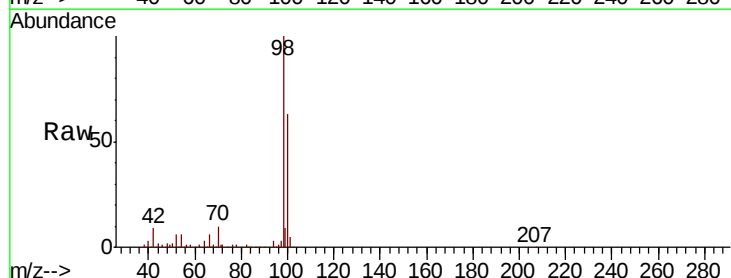
Acq: 13 Nov 2018 14:46

Tgt Ion: 98 Resp: 88959

Ion Ratio Lower Upper

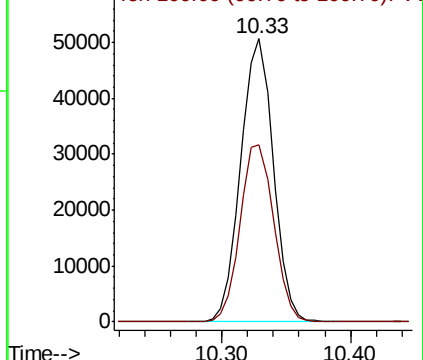
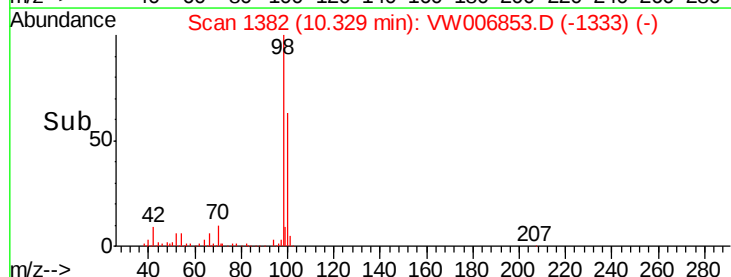
98 100

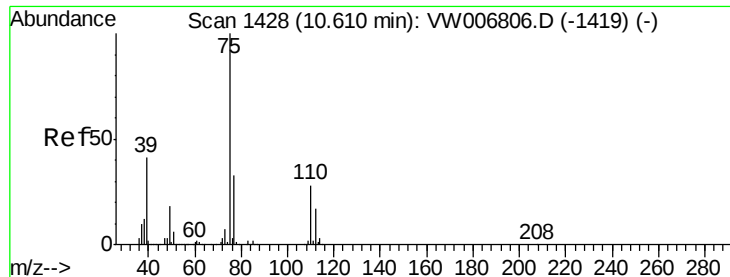
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#53

t-1,3-Dichloropropene

Concen: 1.572 ug/l

RT: 10.71 min Scan# 1445

Delta R.T. 0.10 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

Instrument :

MSVOA_W

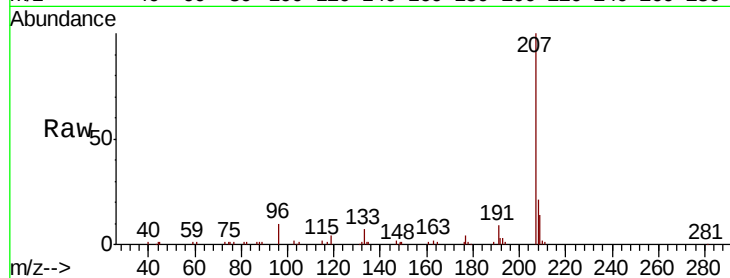
ClientSampleId :

Tot Ion: 75 Resp: 1154

Ion Ratio Lower Upper

75 100

77 58.1 26.3 39.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.71

300

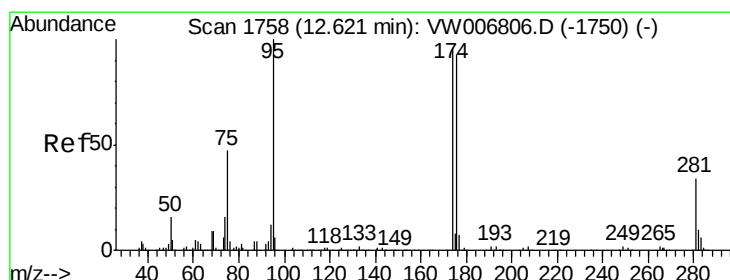
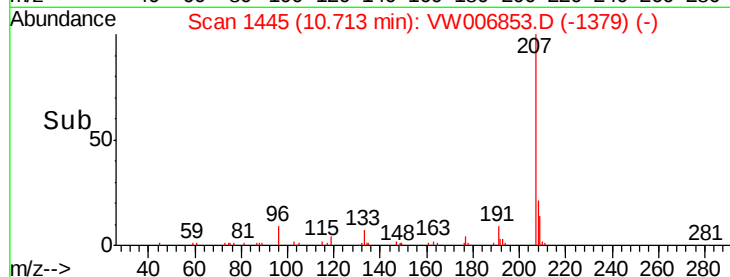
200

100

0

10.70 10.80

Time-->



#62

4-Bromofluorobenzene

Concen: 40.431 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

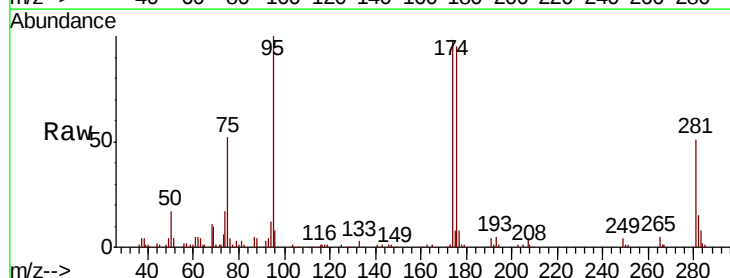
Tgt Ion: 95 Resp: 32735

Ion Ratio Lower Upper

95 100

174 95.3 0.0 196.6

176 94.3 0.0 191.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

25000

20000

15000

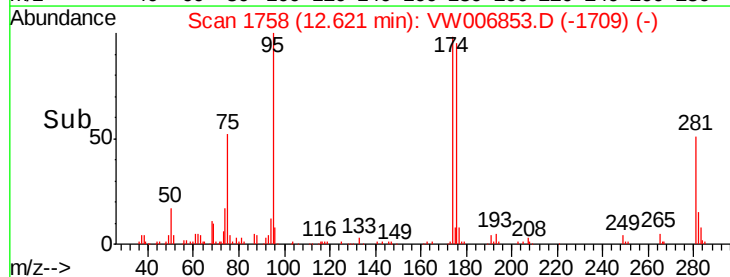
10000

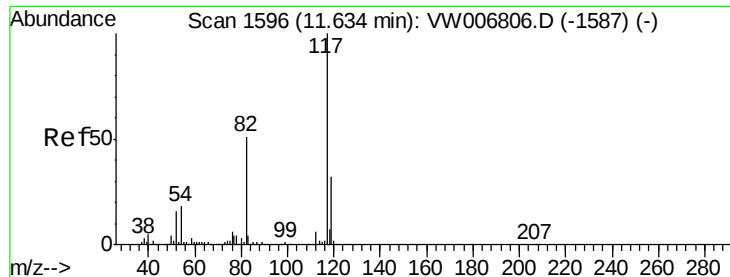
5000

0

12.60 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

Instrument :

MSVOA_W

ClientSampleId :

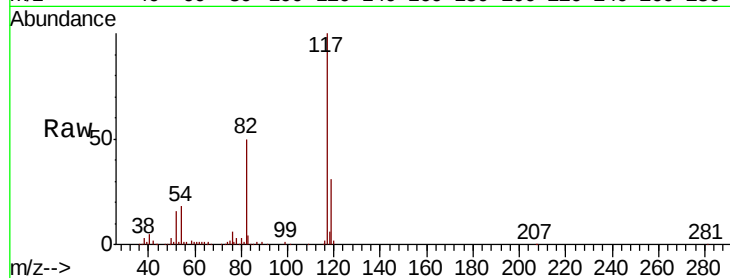
Tot Ion:117 Resp: 85896

Ion Ratio Lower Upper

117 100

82 49.9 40.6 61.0

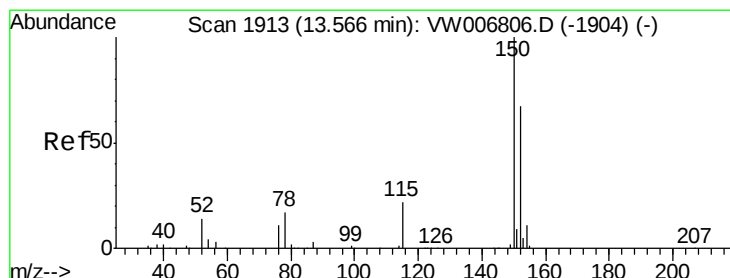
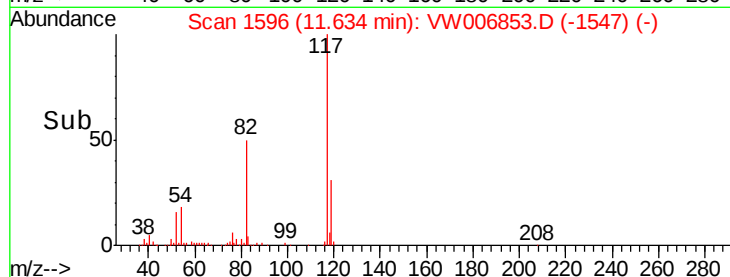
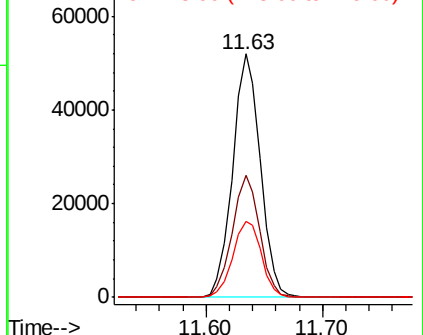
119 31.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006853.D

Acq: 13 Nov 2018 14:46

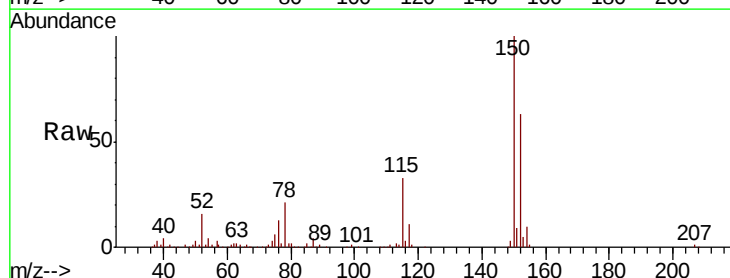
Tgt Ion:152 Resp: 43193

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.8

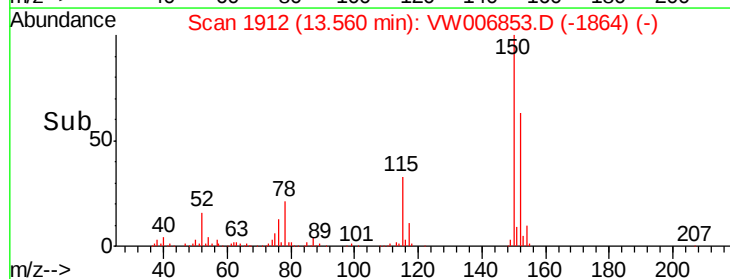
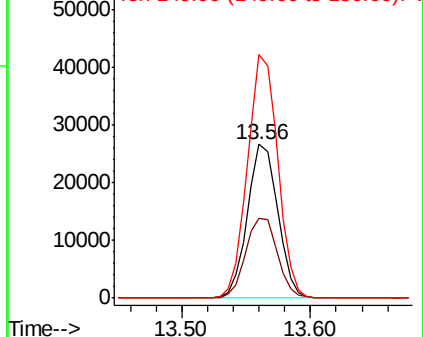
150 158.0 0.0 353.0

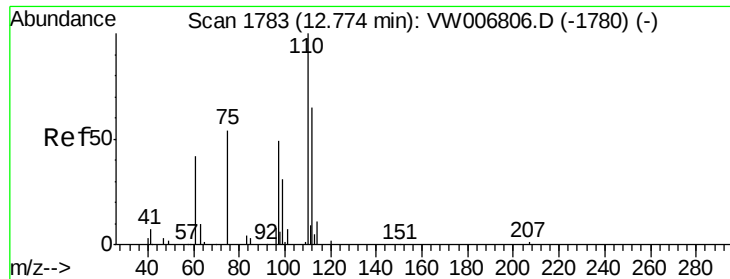


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

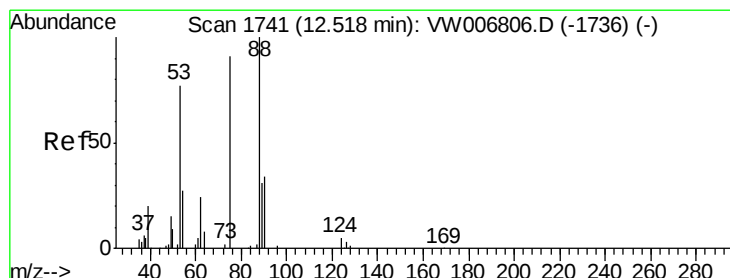
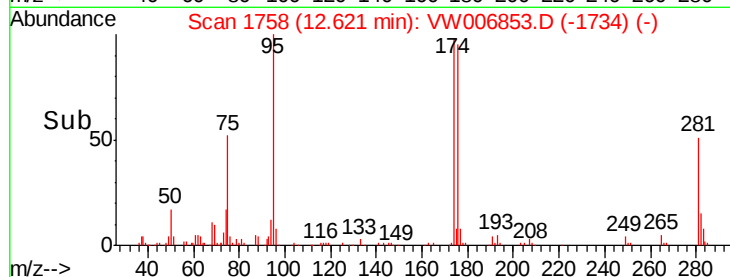
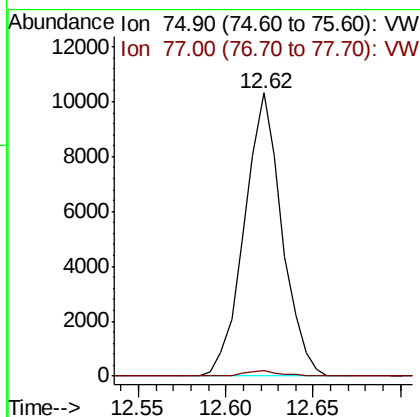
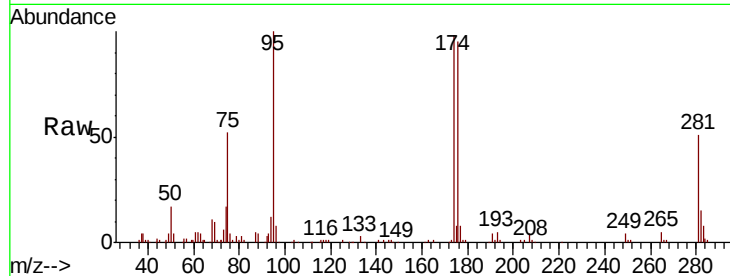




#76
 1,2,3-Trichloropropane
 Concen: 49.435 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006853.D
 Acq: 13 Nov 2018 14:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 15388
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.281 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006853.D
 Acq: 13 Nov 2018 14:46

Tgt Ion: 75 Resp: 15388
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 38.7 58.1#

