

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008859.D
 Acq On : 27 Feb 2019 17:15
 Operator : SY/VA
 Sample : K1638-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 07:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

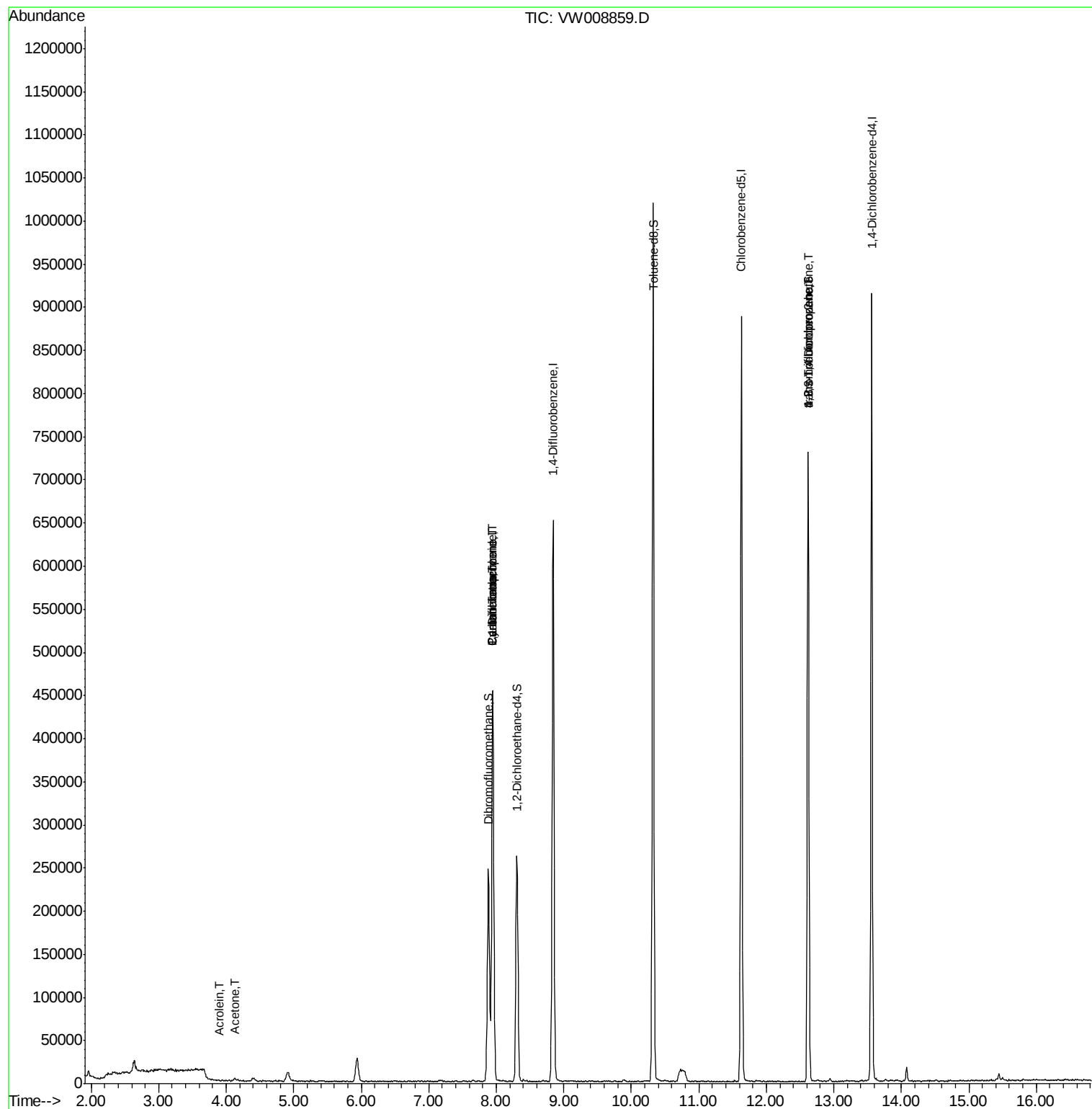
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	346762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	540117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	233993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	194343	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.52%	
35) Dibromofluoromethane	7.88	113	166448	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.32	98	640377	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	220965	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
					Qvalue	
13) Acrolein	3.89	56	136	20.190	ug/l #	73
16) Acetone	4.13	43	5253	6.968	ug/l	96
20) Methylene Chloride	4.91	84	7862	Below Cal	#	79
31) Cyclohexane	7.95	56	7490	1.222	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	25993	4.944	ug/l #	51
38) Carbon Tetrachloride	7.95	117	33284	6.003	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	116916	60.518	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	116916	147.124	ug/l #	6

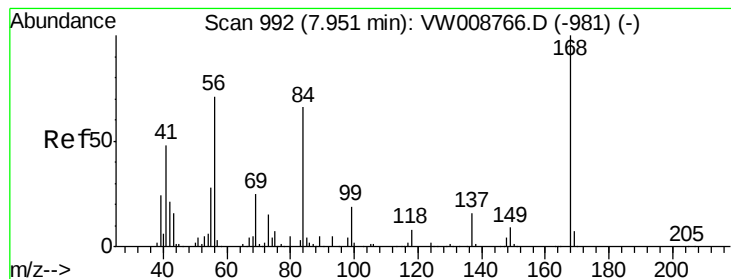
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 28 07:03:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008859.D

Acq: 27 Feb 2019 17:15

Instrument :

MSVOA_W

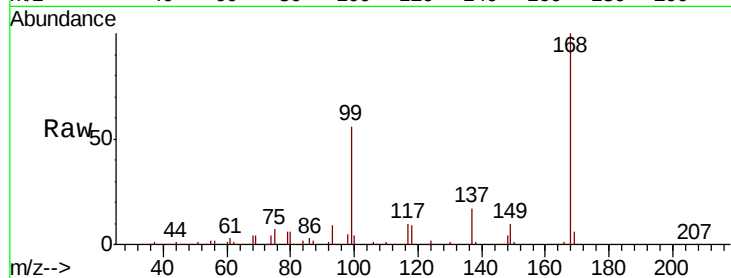
ClientSampled :

Tot Ion:168 Resp: 346762

Ion Ratio Lower Upper

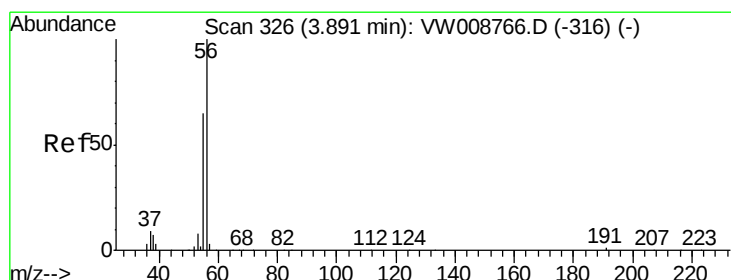
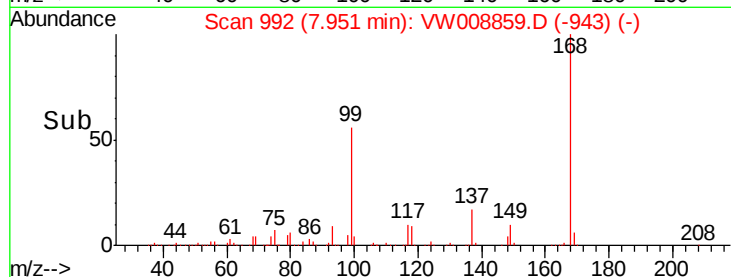
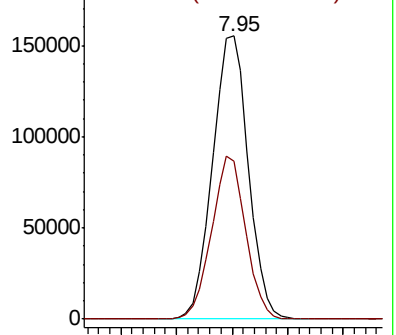
168 100

99 55.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 20.190 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW008859.D

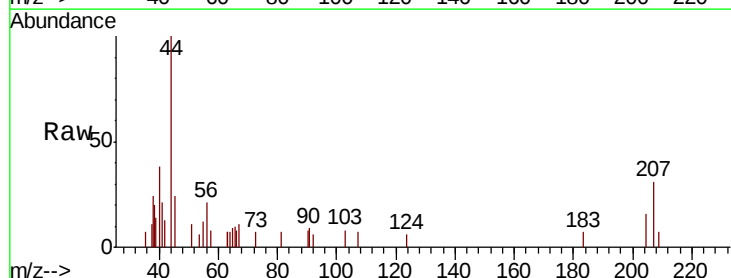
Acq: 27 Feb 2019 17:15

Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

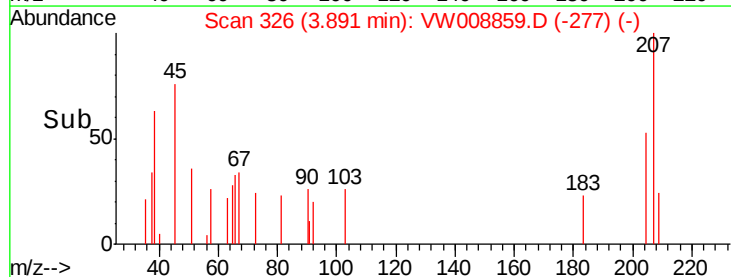
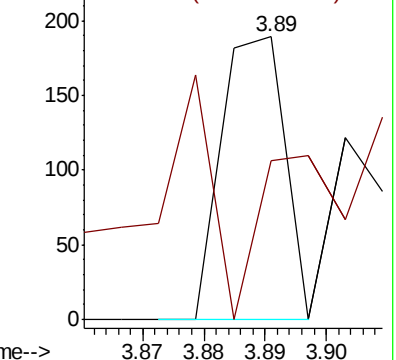
56 100

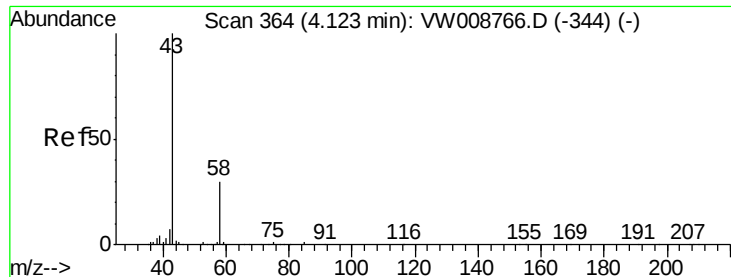
55 93.4 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

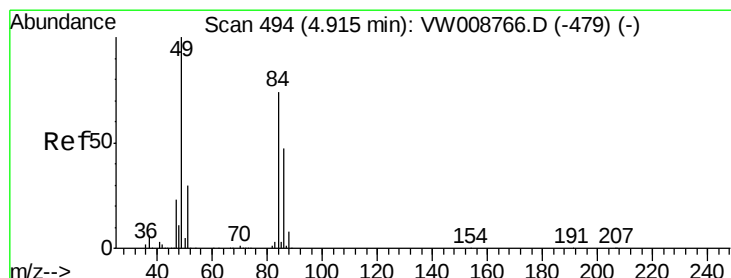
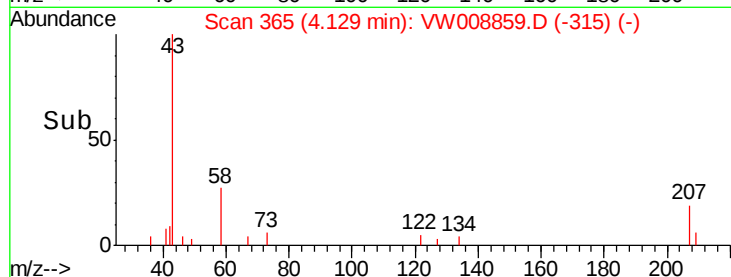
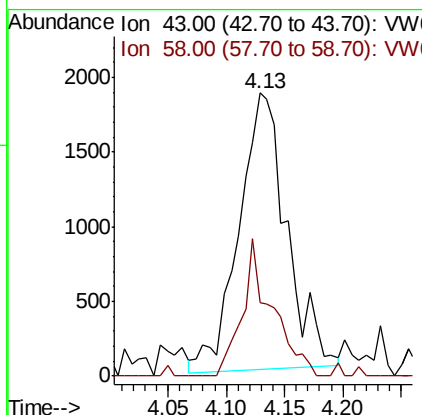
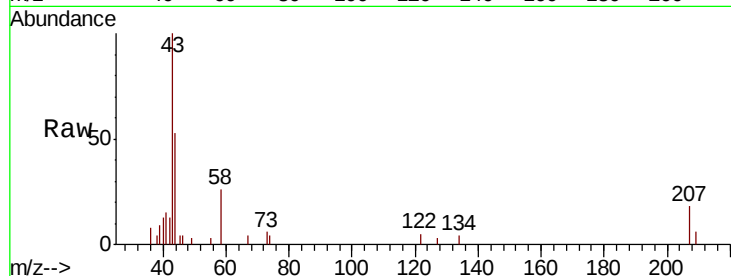




#16
Acetone
Concen: 6.968 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008859.D
Acq: 27 Feb 2019 17:15

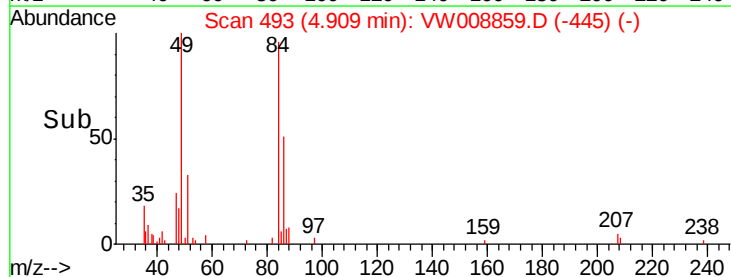
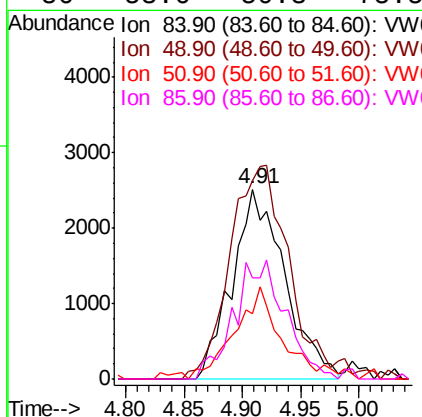
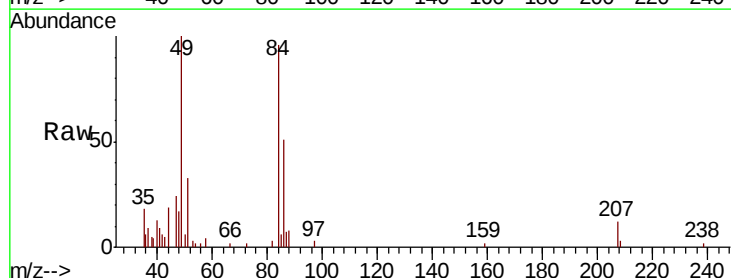
Instrument :
MSVOA_W
ClientSampleId :

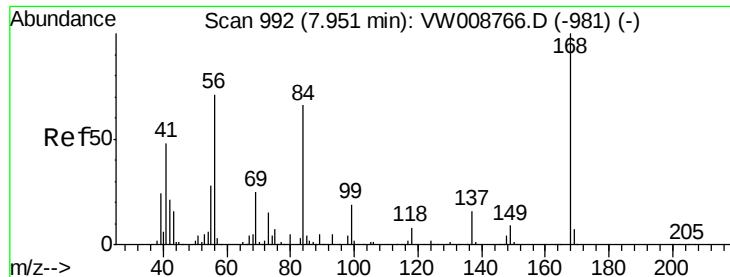
Tot Ion: 43 Resp: 5253
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008859.D
Acq: 27 Feb 2019 17:15

Tgt Ion: 84 Resp: 7862
Ion Ratio Lower Upper
84 100
49 100.3 108.2 162.2#
51 34.5 32.7 49.1
86 53.6 50.3 75.5

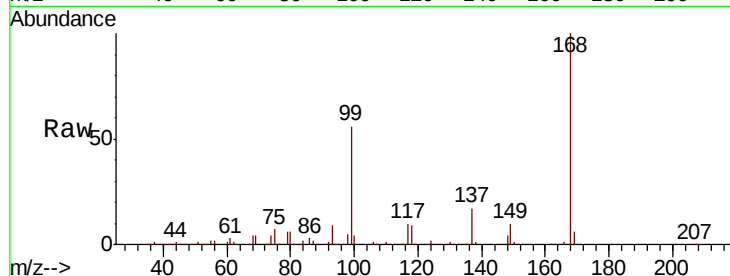




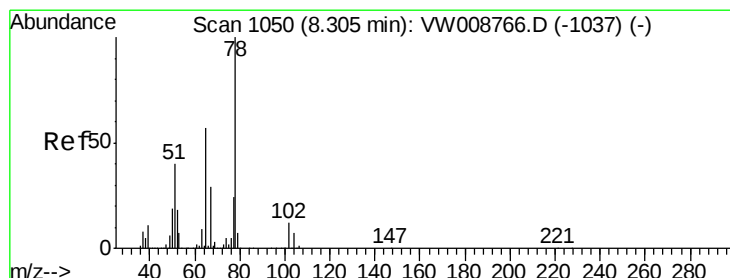
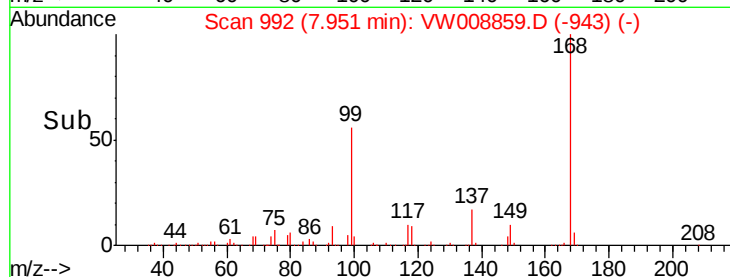
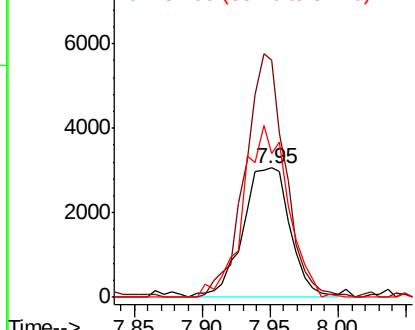
#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008859.D
Acq: 27 Feb 2019 17:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 7490
Ion Ratio Lower Upper
56 100
69 183.4 28.2 42.4#
84 111.3 74.1 111.1#

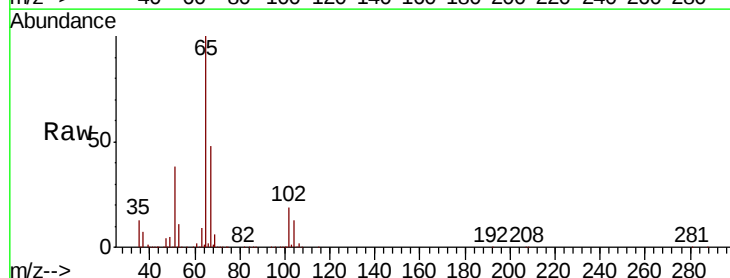


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

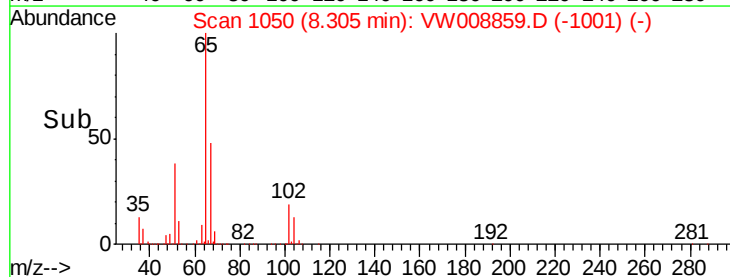
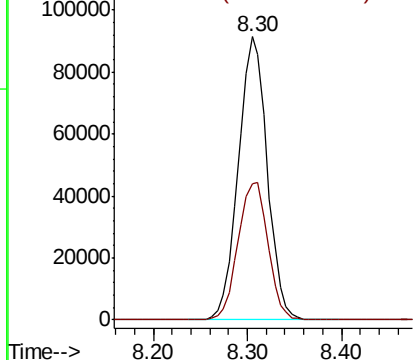


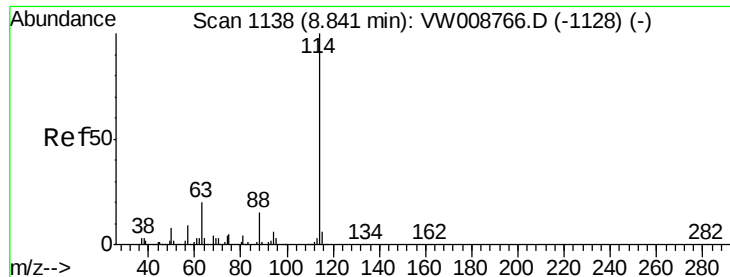
#33
1,2-Dichloroethane-d4
Concen: 59.755 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008859.D
Acq: 27 Feb 2019 17:15

Tgt Ion: 65 Resp: 194343
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

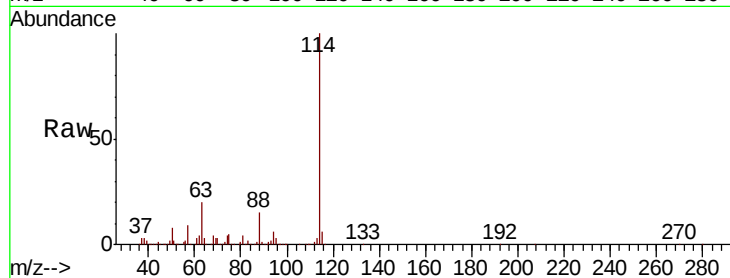




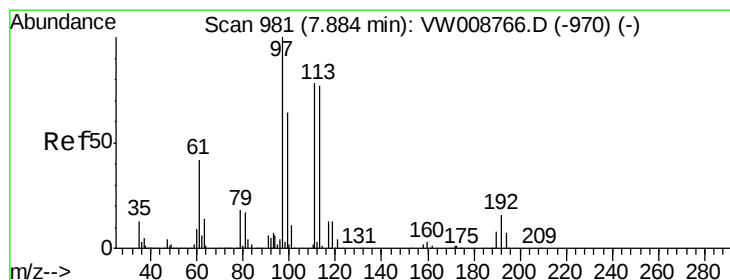
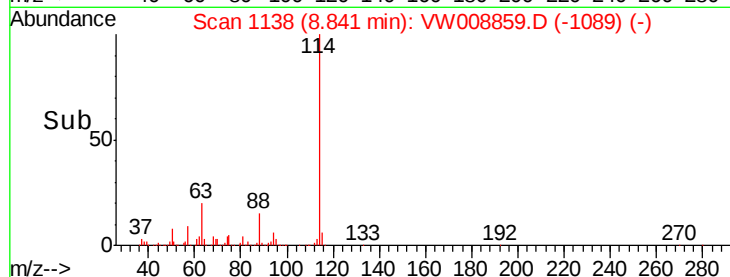
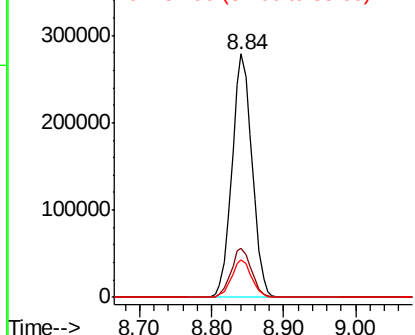
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.8
88	15.4	0.0	30.4

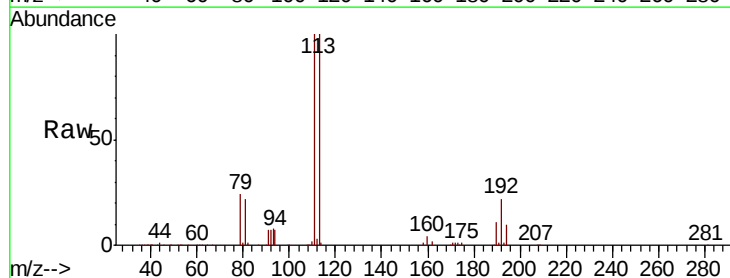


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

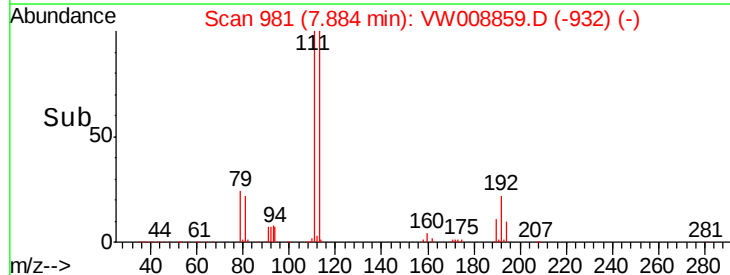
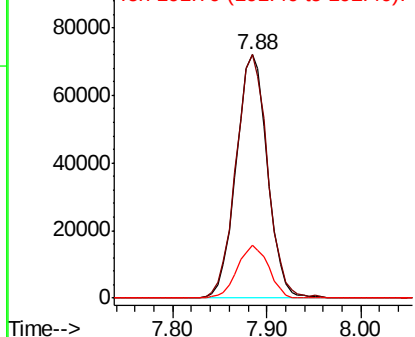


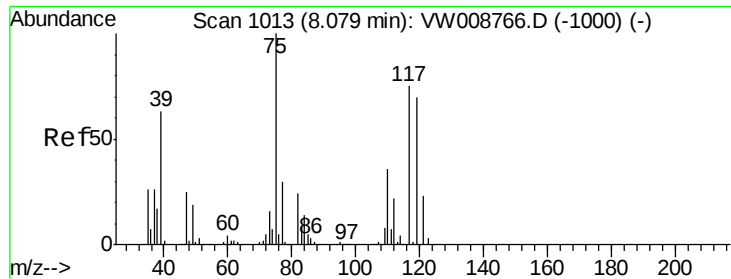
#35
 Dibromofluoromethane
 Concen: 51.327 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	21.8	17.1	25.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

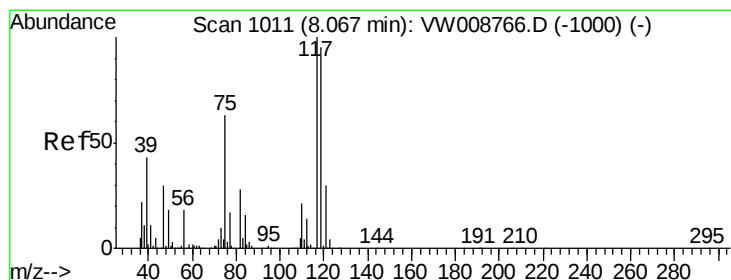
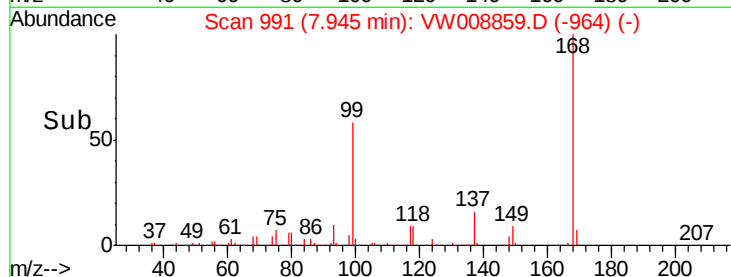
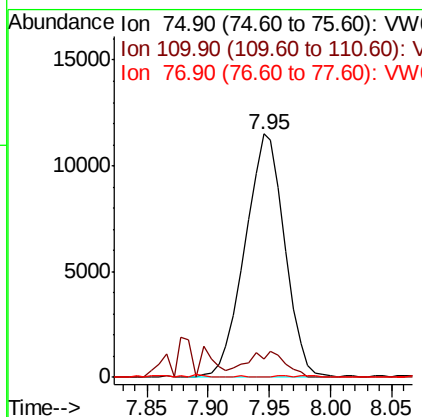
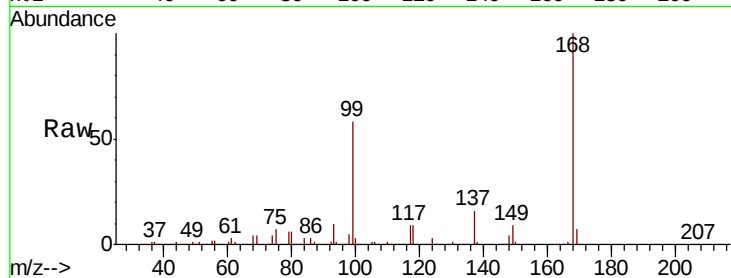




#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

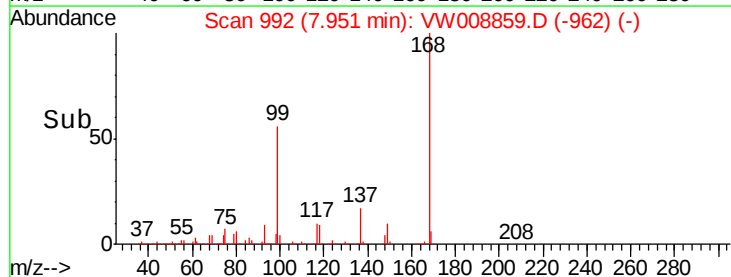
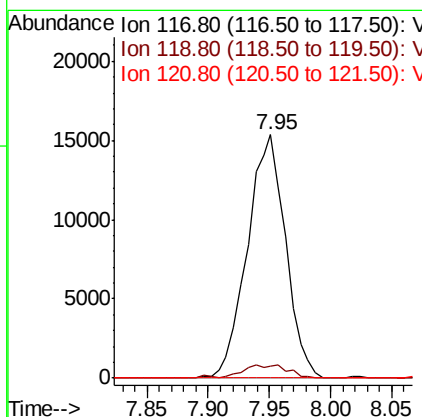
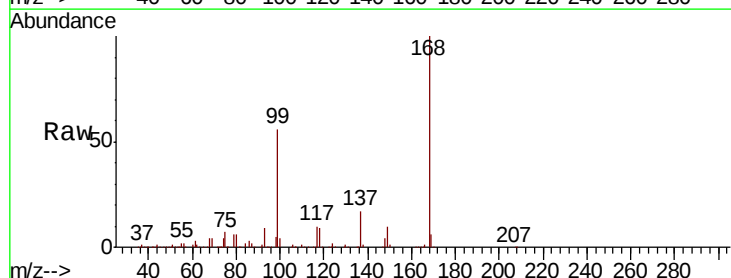
Instrument :
 MSVOA_W
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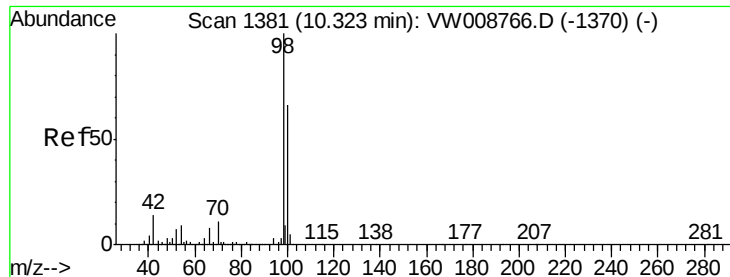
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.5	52.6#
77	0.2	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.003 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.1	114.1#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 51.154 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008859.D

Acq: 27 Feb 2019 17:15

Instrument :

MSVOA_W

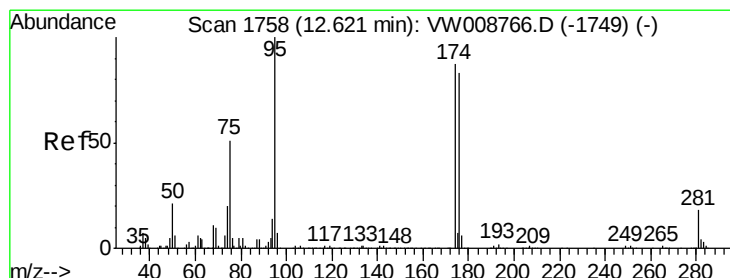
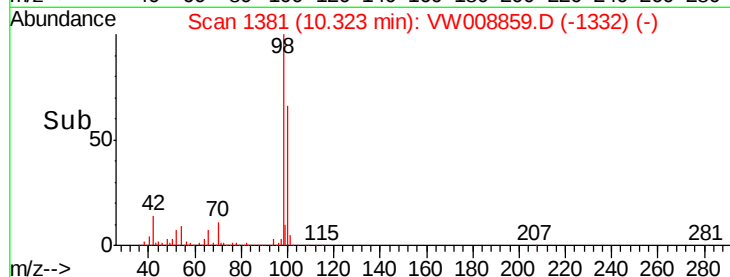
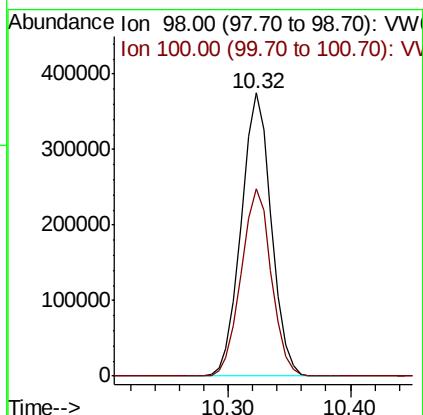
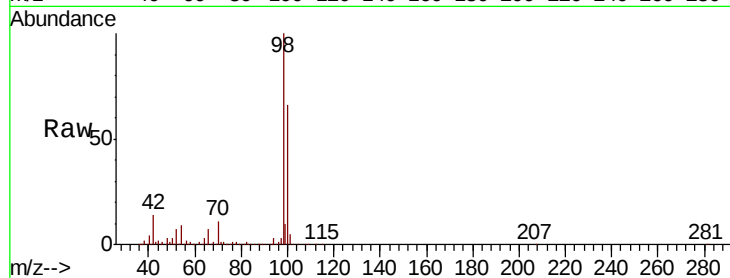
ClientSampleId :

Tot Ion: 98 Resp: 640377

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.080 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008859.D

Acq: 27 Feb 2019 17:15

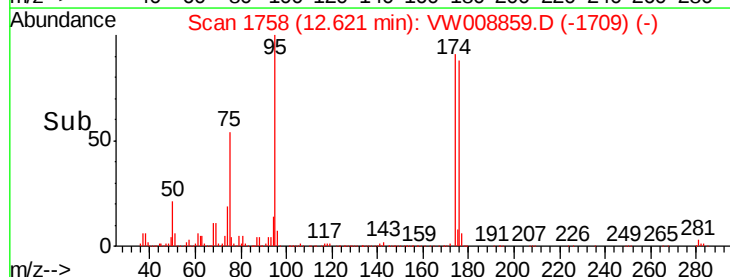
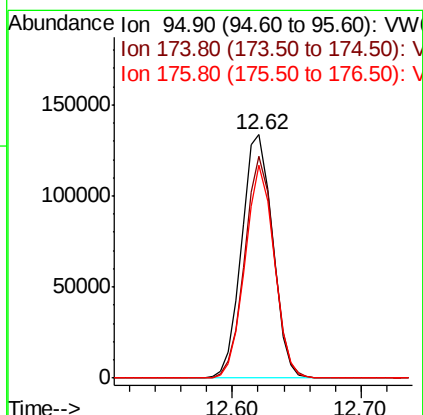
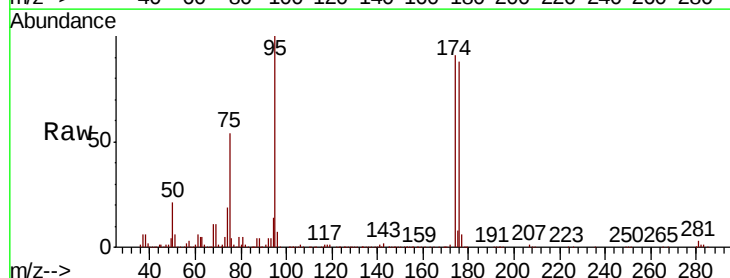
Tgt Ion: 95 Resp: 220965

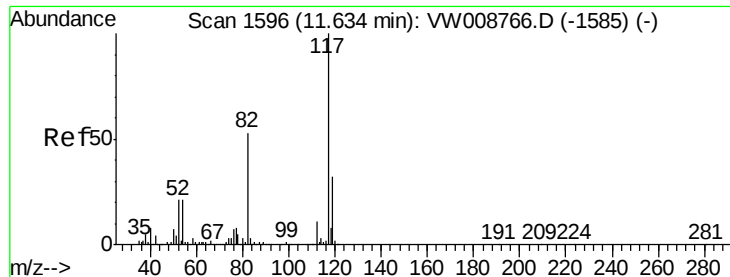
Ion Ratio Lower Upper

95 100

174 86.5 0.0 169.2

176 82.5 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008859.D

Acq: 27 Feb 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

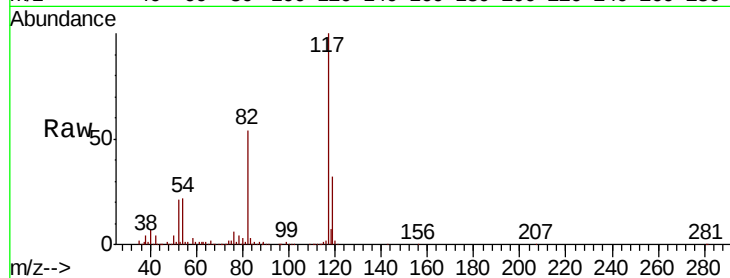
Tot Ion:117 Resp: 483785

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.4

119 31.5 25.9 38.9

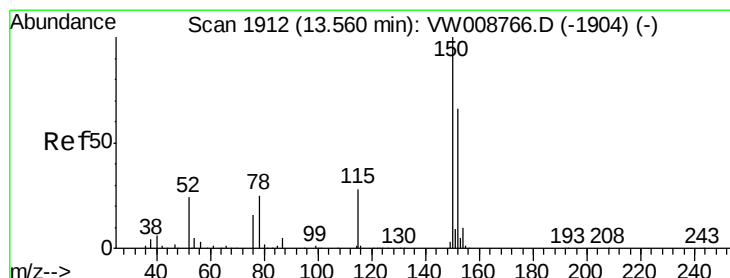
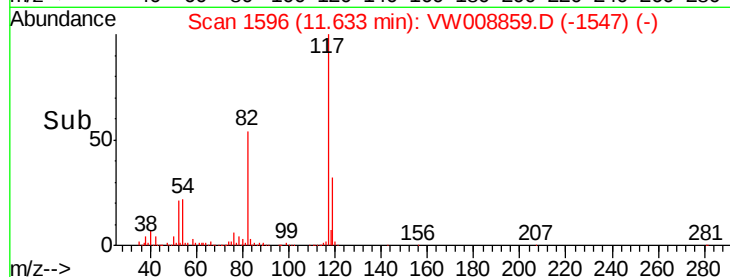
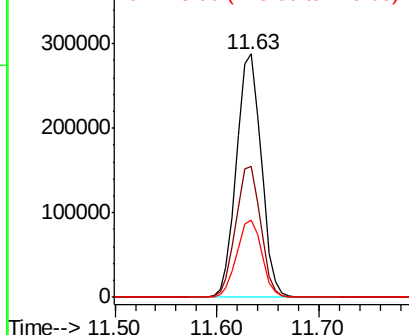


Abundance

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. -0.00 min

Lab File: VW008859.D

Acq: 27 Feb 2019 17:15

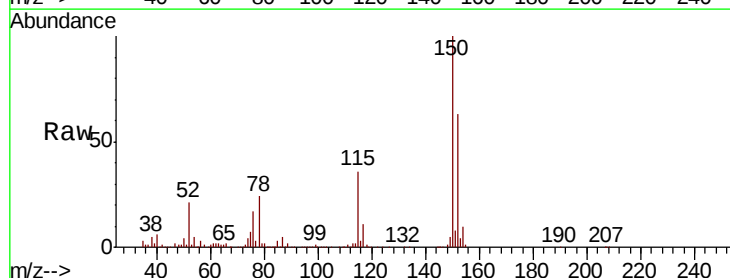
Tgt Ion:152 Resp: 233993

Ion Ratio Lower Upper

152 100

115 57.2 28.6 85.8

150 156.2 0.0 348.0

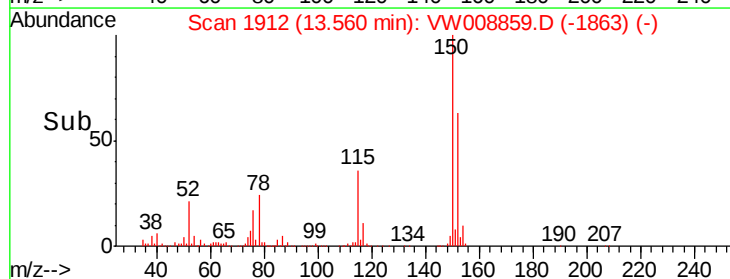
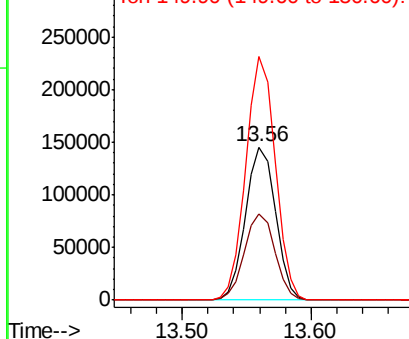


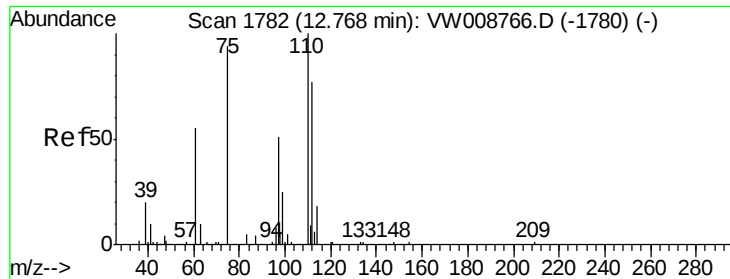
Abundance

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



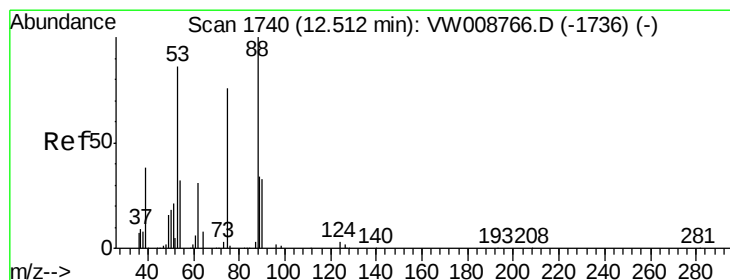
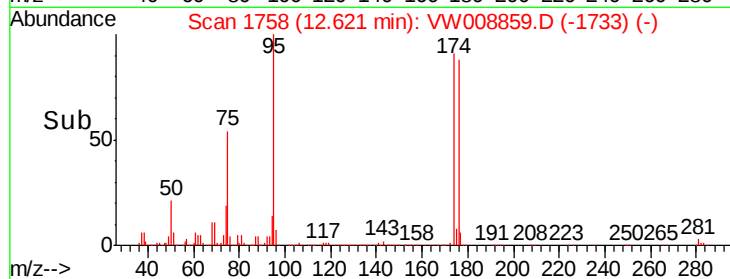
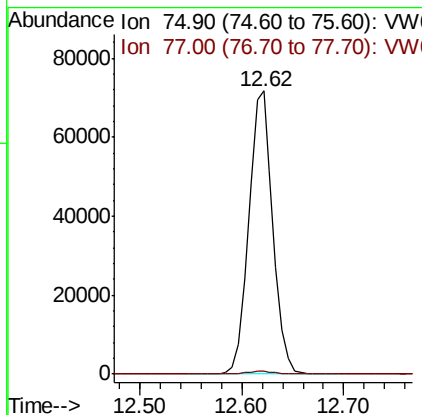
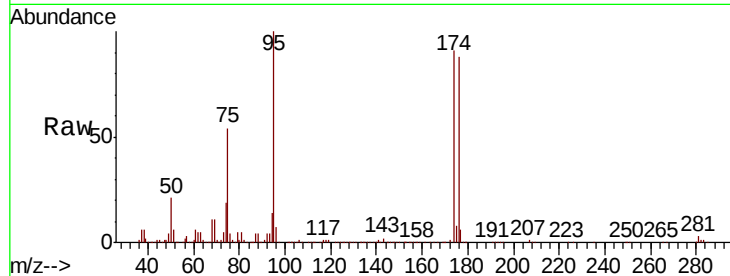


#76

1,2,3-Trichloropropane
 Concen: 60.518 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 116916
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
 Concen: 147.124 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008859.D
 Acq: 27 Feb 2019 17:15

Tgt Ion: 75 Resp: 116916
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.2 132.2#
 89 0.2 39.5 59.3#

