

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022219\
 Data File : VW008793.D
 Acq On : 22 Feb 2019 16:58
 Operator : SY/VA
 Sample : K1592-01RE
 Misc : 6.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 23 03:26:20 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	357332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	550067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	480984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226798	50.00	ug/l	0.00

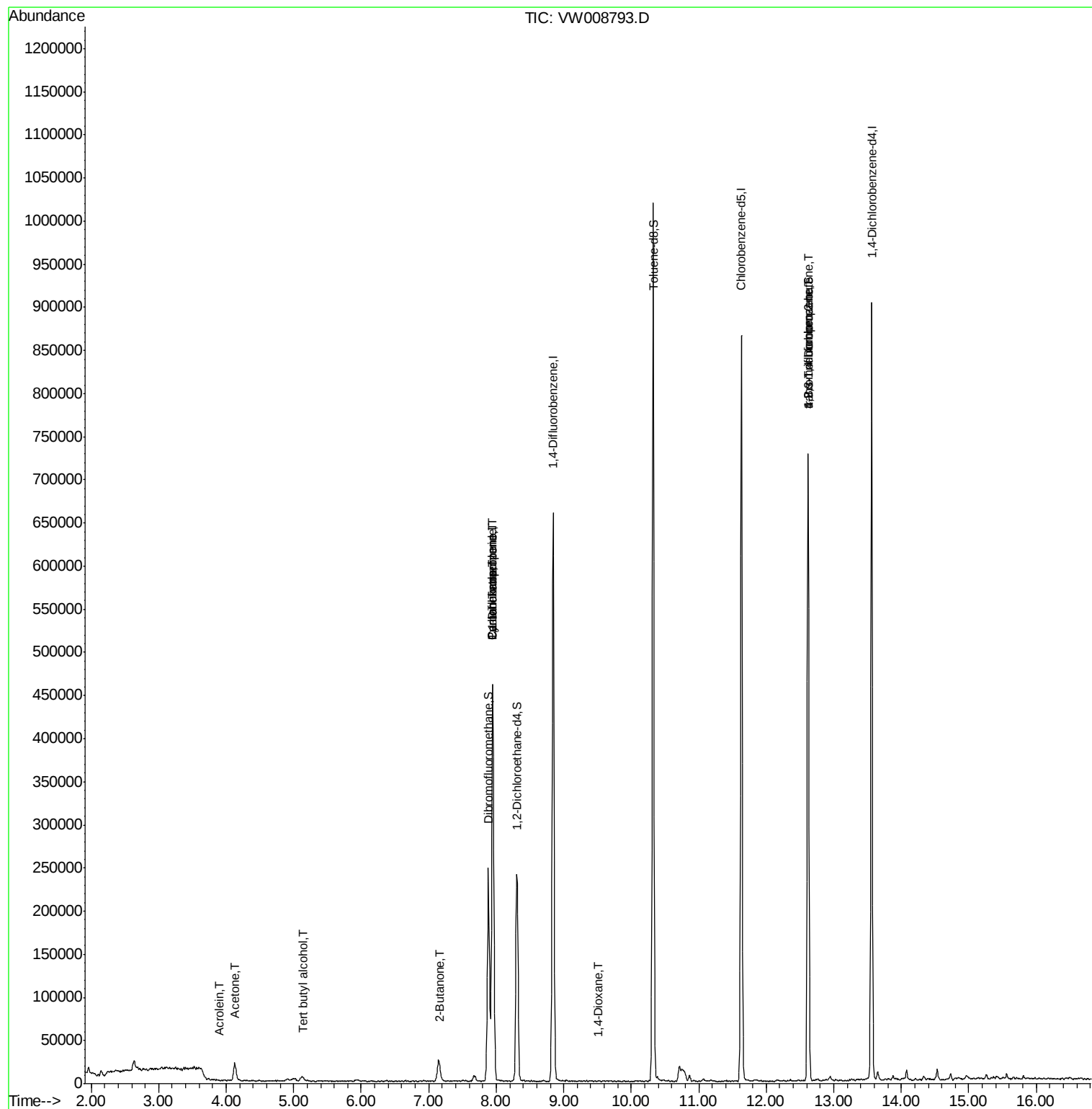
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	191184	57.05	ug/l	0.00
Spiked Amount			Recovery	=	114.10%	
35) Dibromofluoromethane	7.88	113	168185	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	651209	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.62	95	218248	43.72	ug/l	0.00
Spiked Amount			Recovery	=	87.44%	

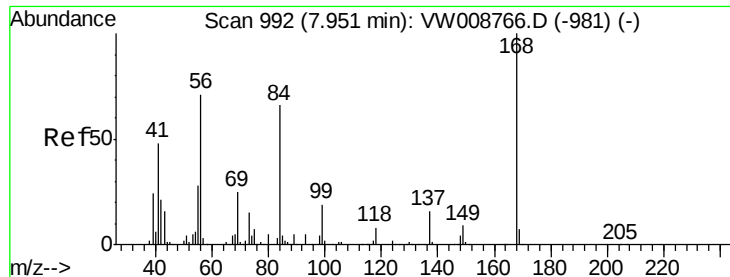
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	4526	15.169	ug/l #	70
13) Acrolein	3.90	56	87	20.034	ug/l #	37
16) Acetone	4.13	43	35988	46.326	ug/l	94
20) Methylene Chloride	4.90	84	587	Below Cal	#	48
25) 2-Butanone	7.17	43	1945	1.791	ug/l #	47
31) Cyclohexane	7.95	56	7750	1.227	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	26206	4.894	ug/l #	51
38) Carbon Tetrachloride	7.95	117	34527	6.114	ug/l #	17
49) 1,4-Dioxane	9.51	88	80	2.486	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	115087	61.461	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	115087	149.417	ug/l #	6

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

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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: VW008793.D

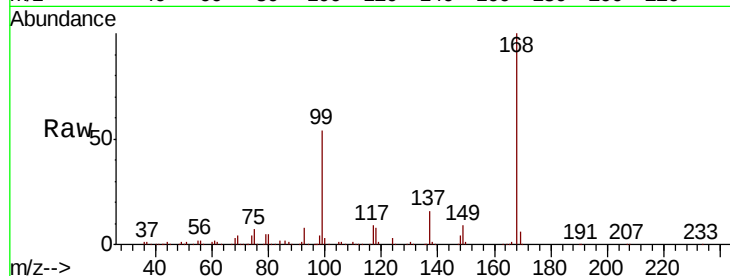
Acq: 22 Feb 2019 16:58

Tgt Ion: 168 Resp: 357332

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

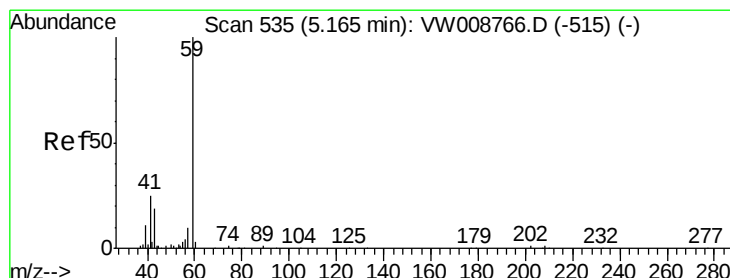
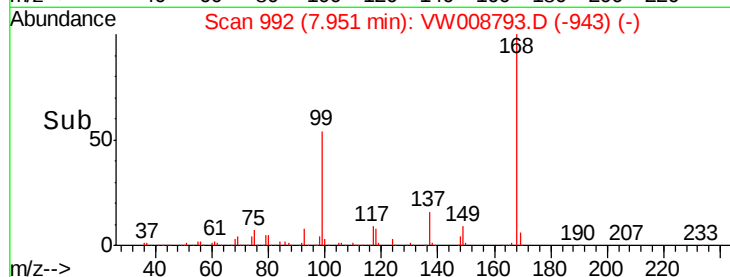
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 15.169 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.03 min

Lab File: VW008793.D

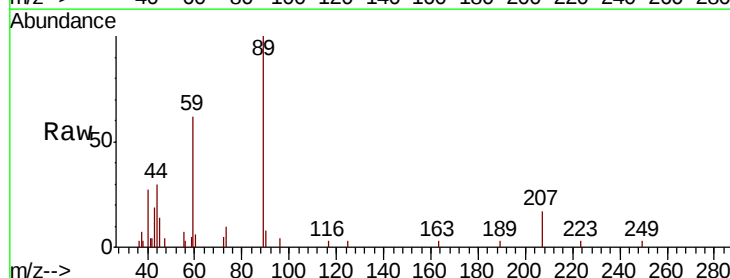
Acq: 22 Feb 2019 16:58

Tgt Ion: 59 Resp: 4526

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

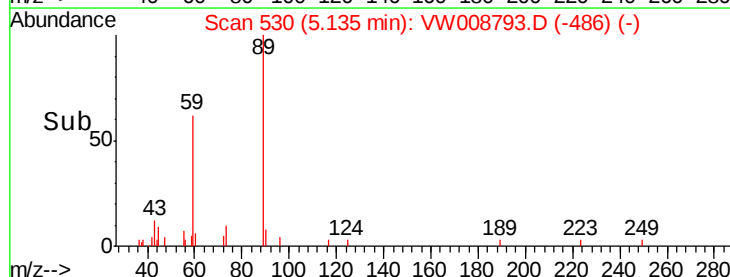
1500

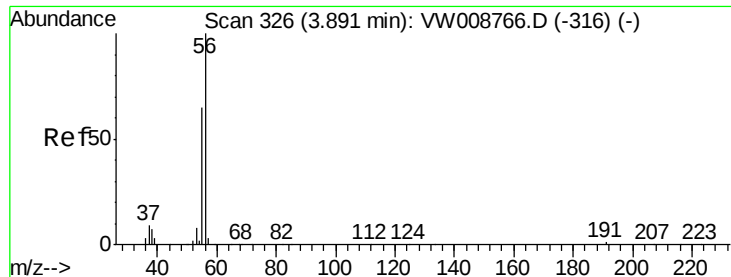
1000

500

0

Time-->





#13

Acrolein

Concen: 20.034 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008793.D

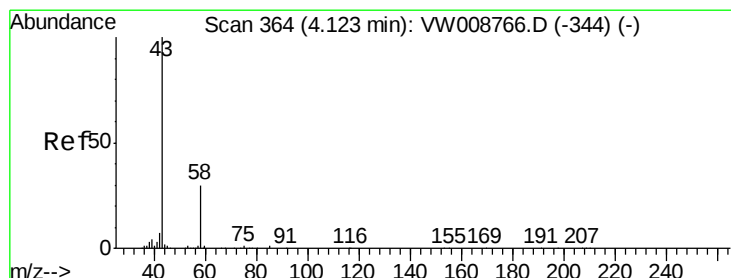
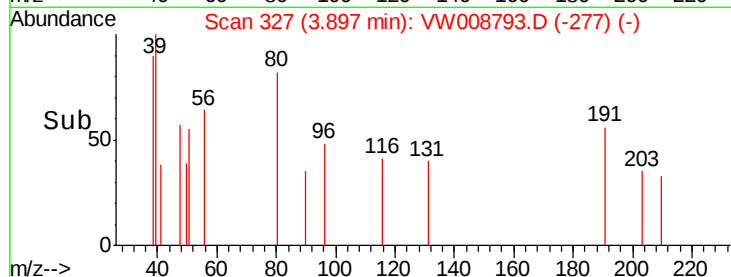
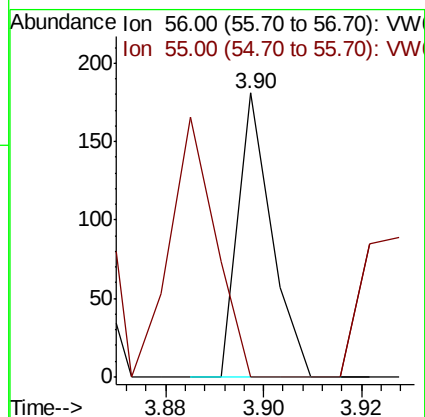
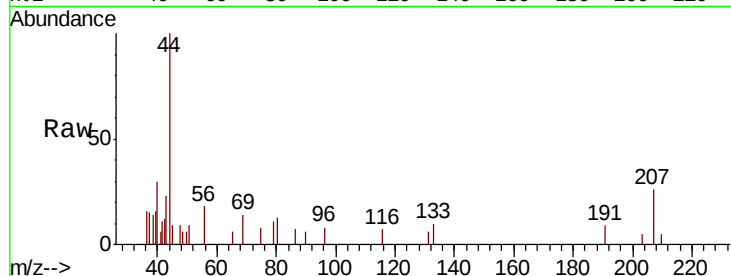
Acq: 22 Feb 2019 16:58

Tgt Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 123.0 56.9 85.3#



#16

Acetone

Concen: 46.326 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008793.D

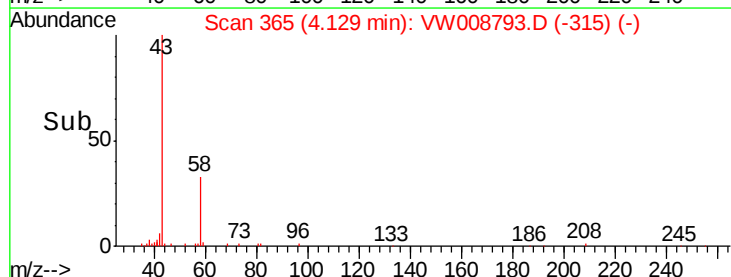
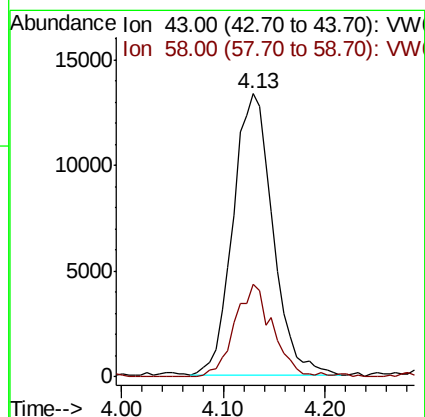
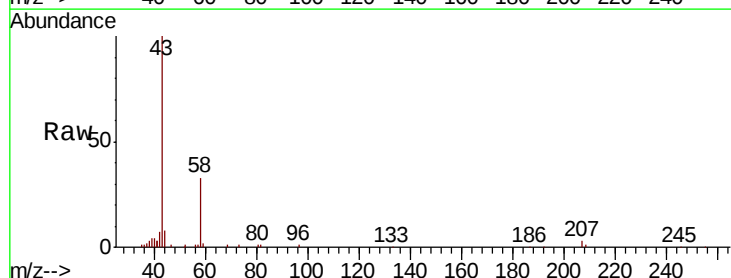
Acq: 22 Feb 2019 16:58

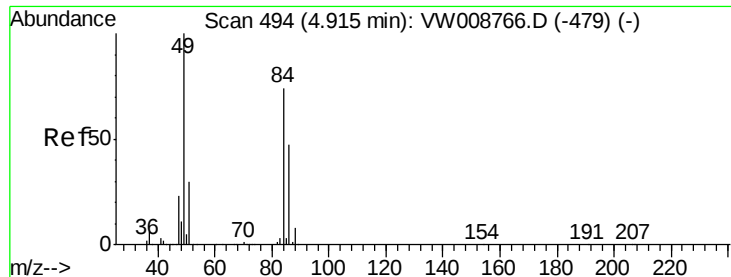
Tgt Ion: 43 Resp: 35988

Ion Ratio Lower Upper

43 100

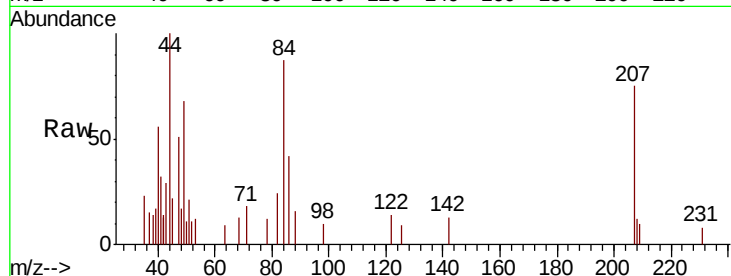
58 32.8 23.8 35.6



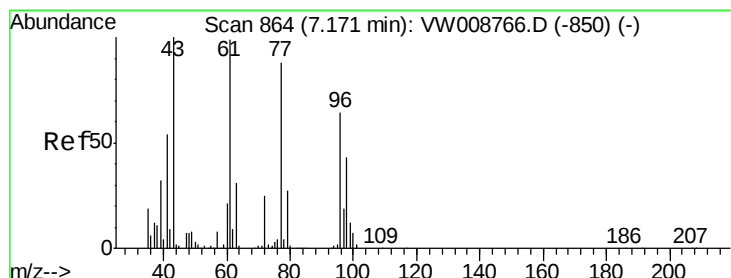
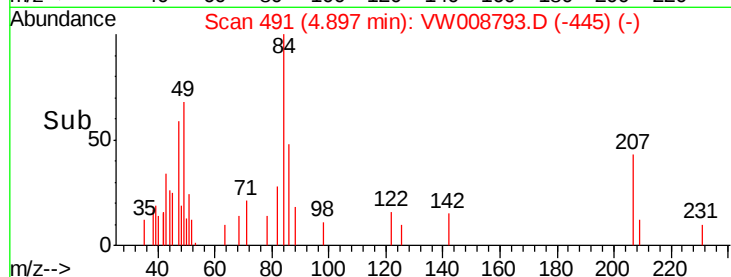
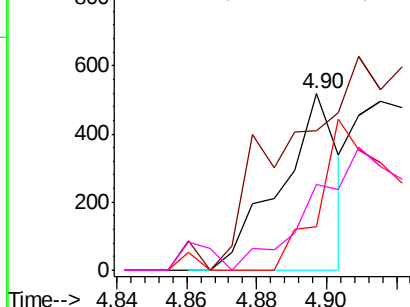


#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion: 84 Resp: 587
Ion Ratio Lower Upper
84 100
49 62.5 108.2 162.2#
51 14.3 32.7 49.1#
86 32.4 50.3 75.5#

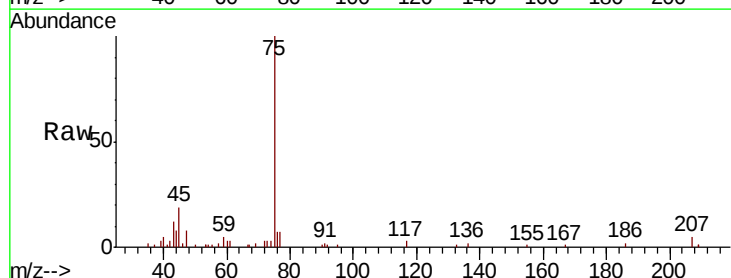


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

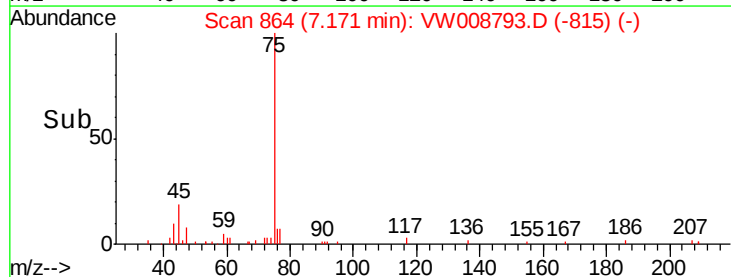
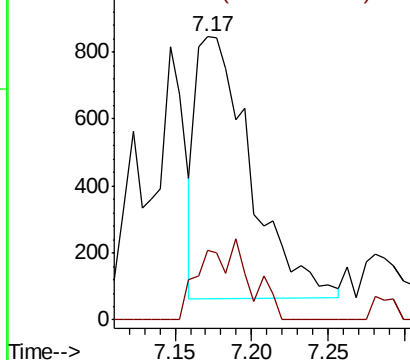


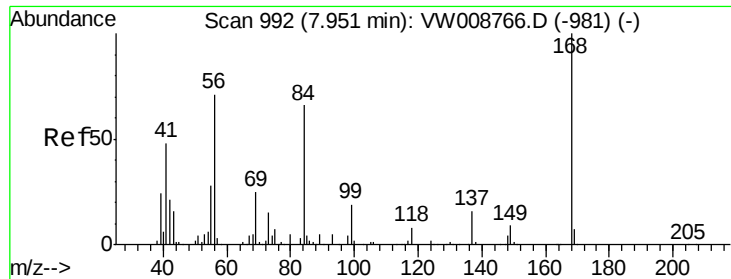
#25
2-Butanone
Concen: 1.791 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
72 51.0 19.7 29.5#



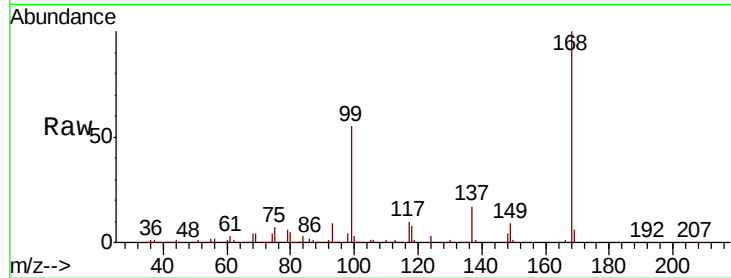
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



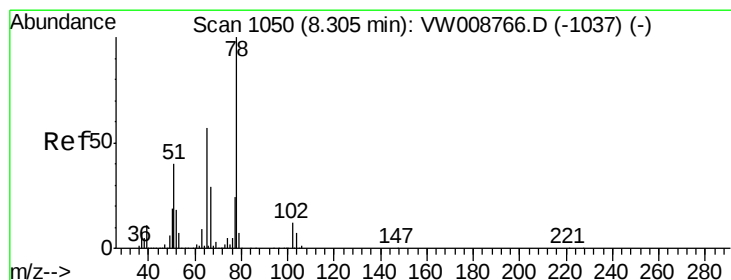
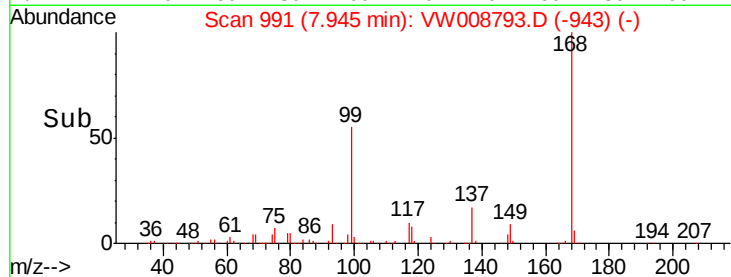
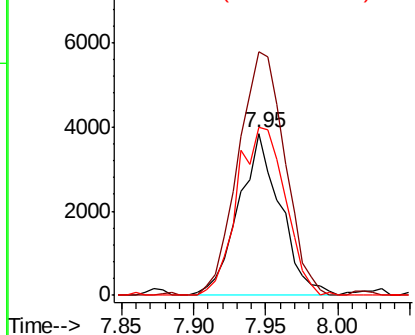


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion: 56 Resp: 7750
Ion Ratio Lower Upper
56 100
69 150.2 28.2 42.4#
84 103.6 74.1 111.1

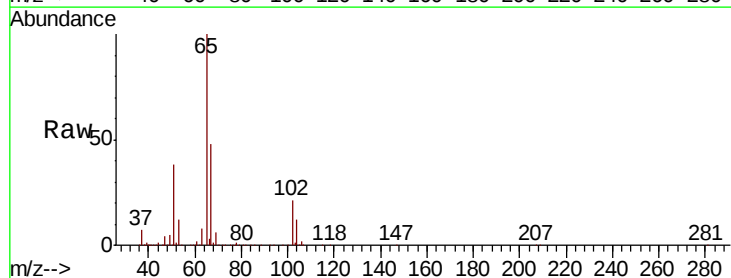


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

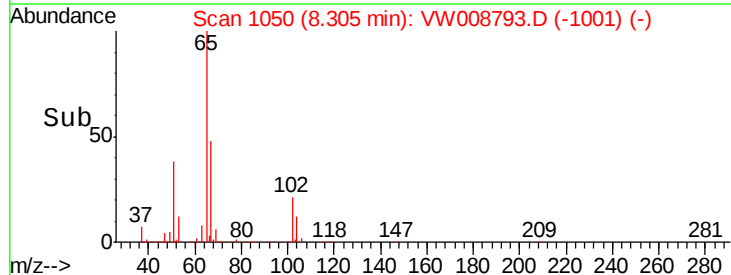
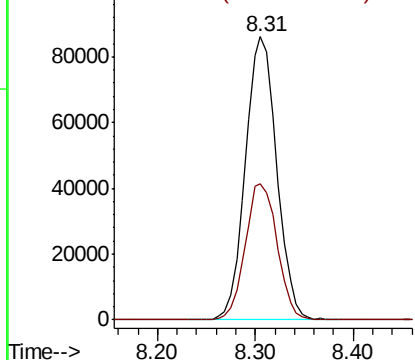


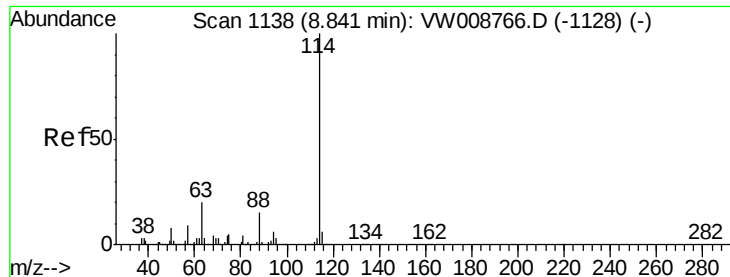
#33
1,2-Dichloroethane-d4
Concen: 57.045 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion: 65 Resp: 191184
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.4



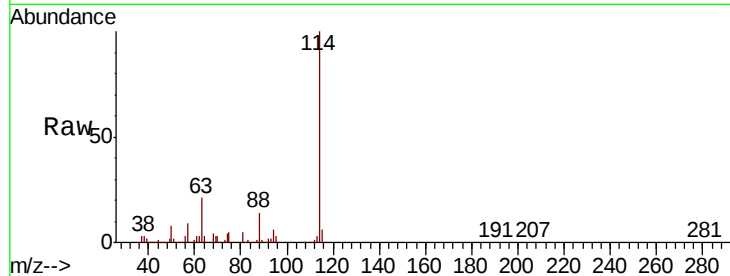
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



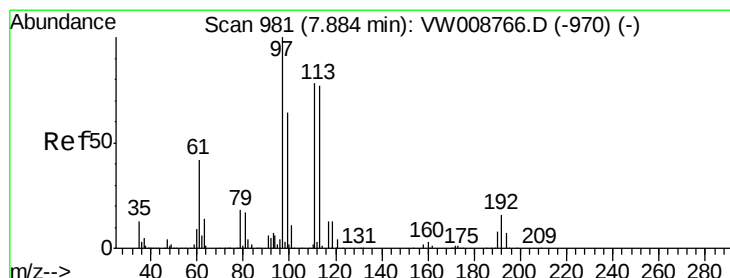
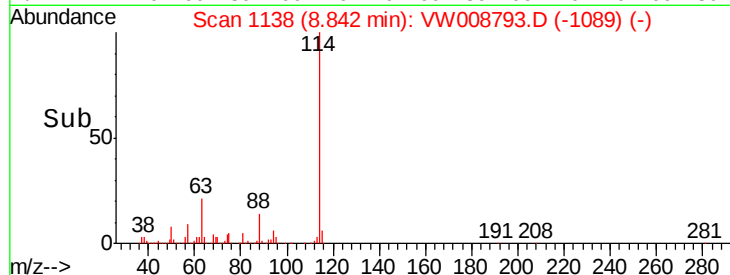
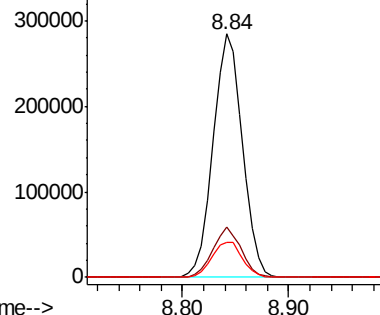


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion:	114	Resp:	550067
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.2	0.0	30.4

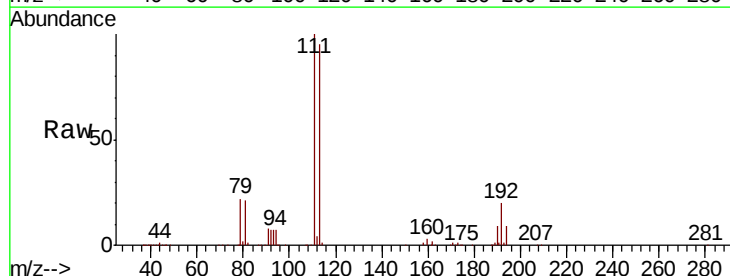


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

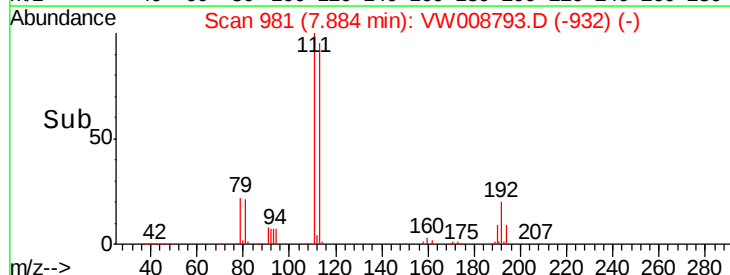
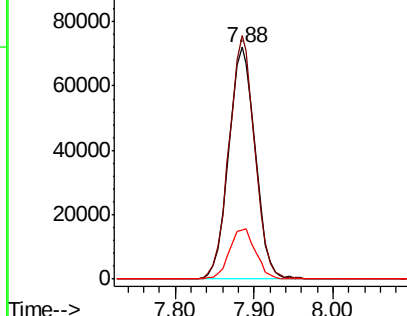


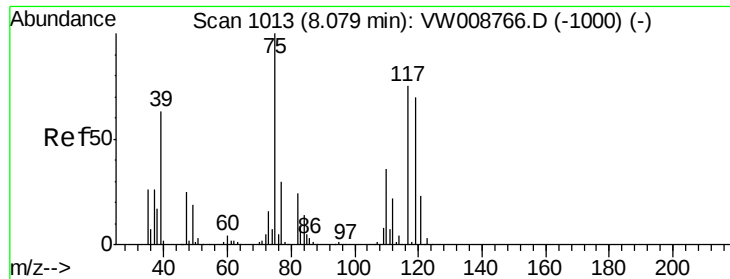
#35
Dibromofluoromethane
Concen: 50.924 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion:	113	Resp:	168185
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.5	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: 4.894 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

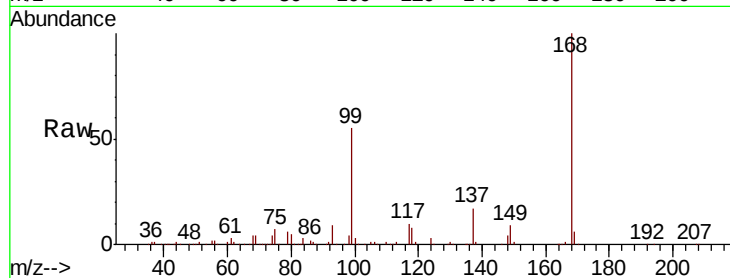
Tgt Ion: 75 Resp: 26206

Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.6#

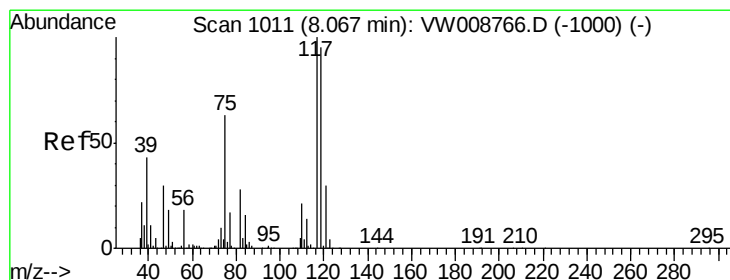
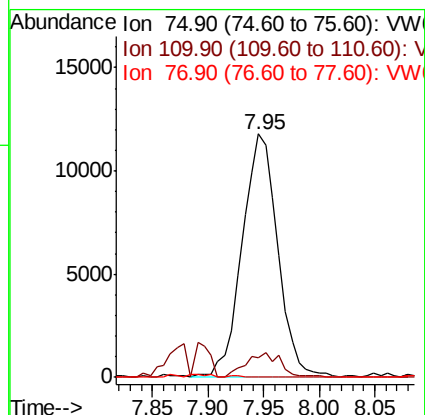
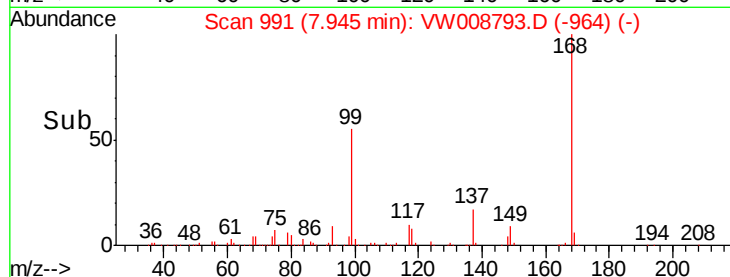
77 0.0 24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.114 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

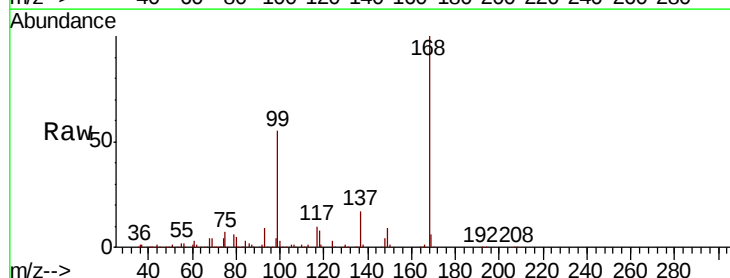
Tgt Ion: 117 Resp: 34527

Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

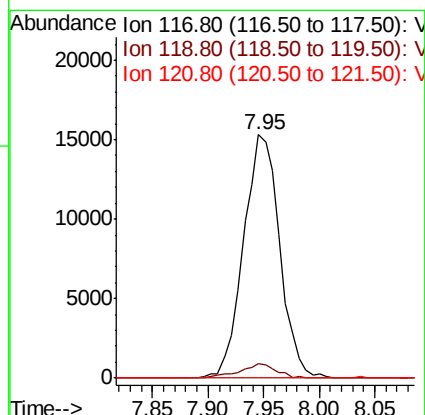
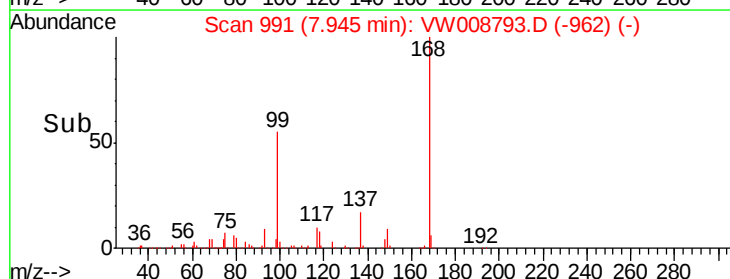
121 0.0 24.0 36.0#

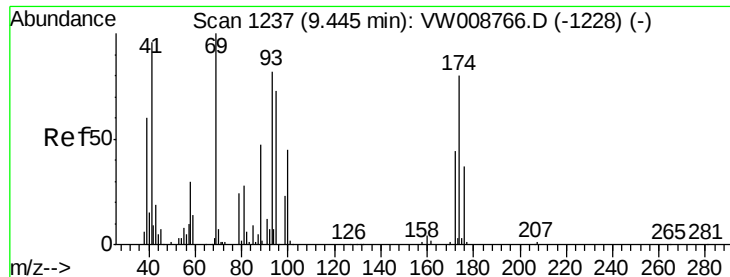


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 2.486 ug/l

RT: 9.51 min Scan# 1248

Delta R.T. 0.07 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

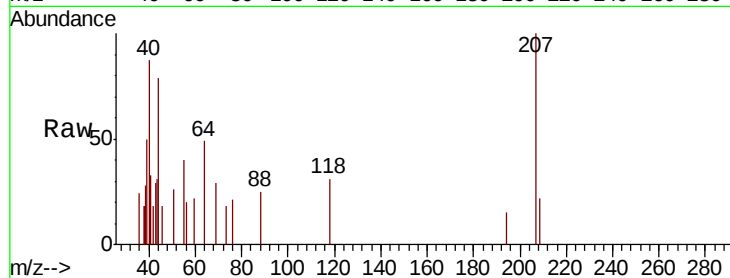
Tgt Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

43 261.3 29.0 43.4#

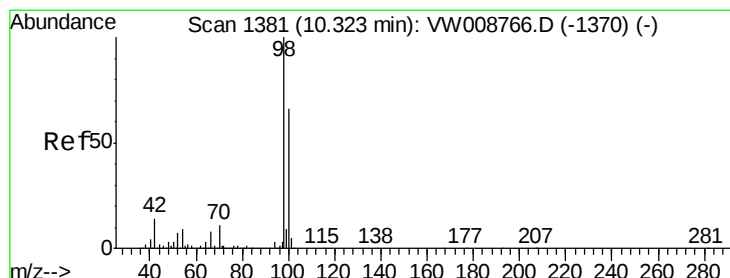
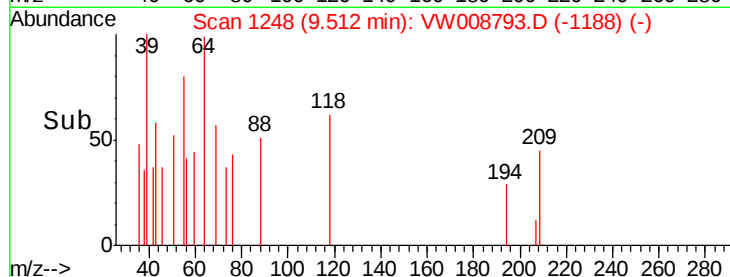
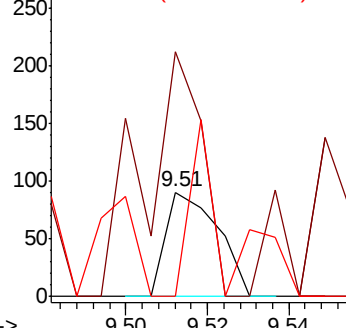
58 118.8 52.0 78.0#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.078 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008793.D

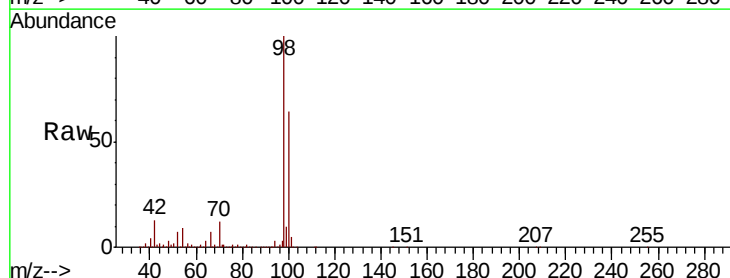
Acq: 22 Feb 2019 16:58

Tgt Ion: 98 Resp: 651209

Ion Ratio Lower Upper

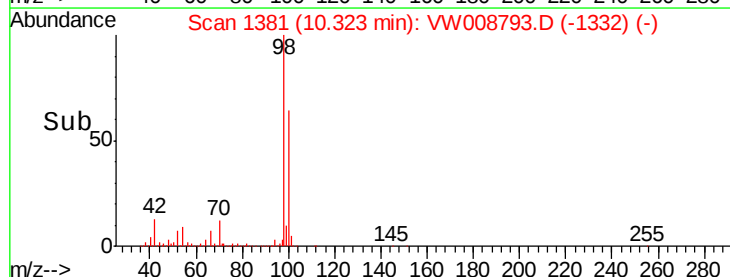
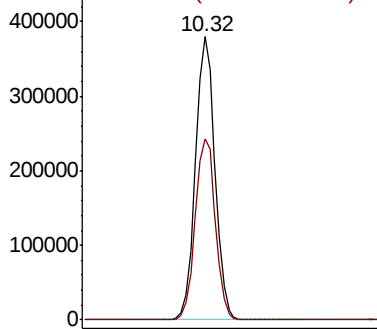
98 100

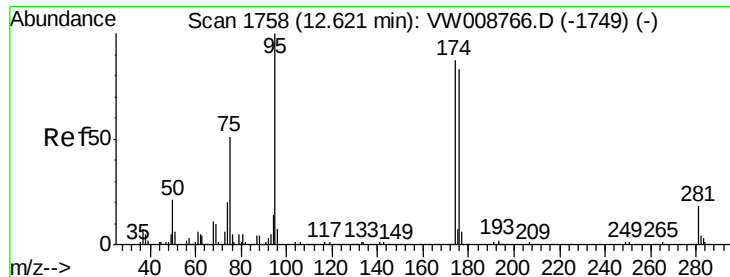
100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.721 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

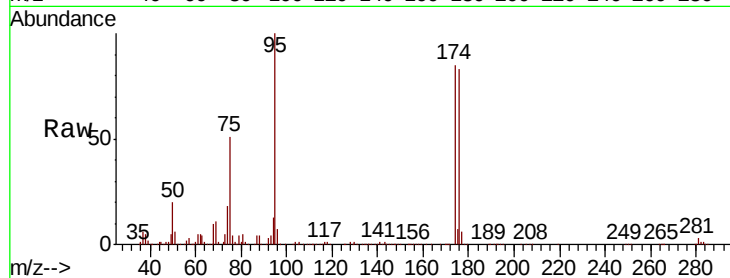
Tgt Ion: 95 Resp: 218248

Ion Ratio Lower Upper

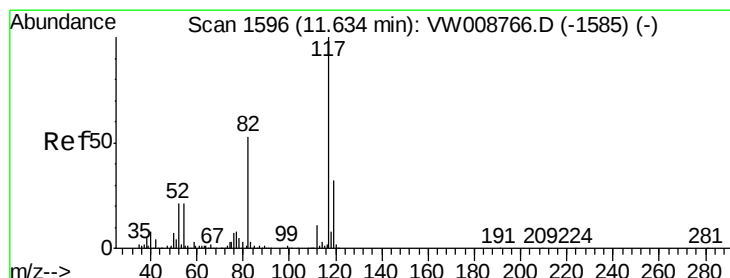
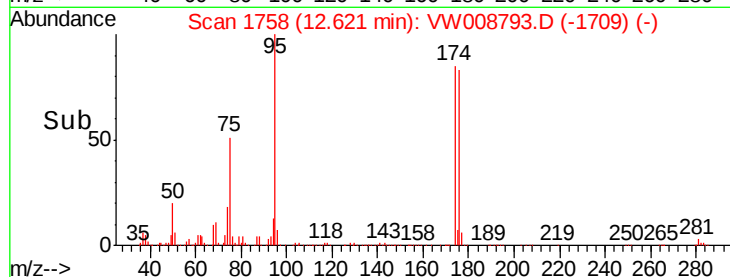
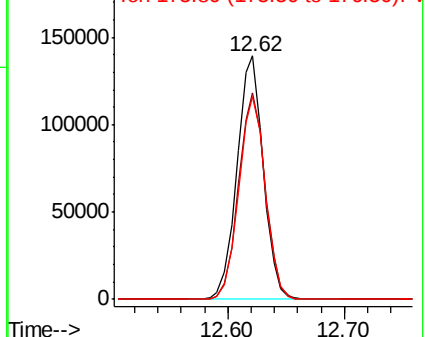
95 100

174 86.4 0.0 169.2

176 84.2 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008793.D

Acq: 22 Feb 2019 16:58

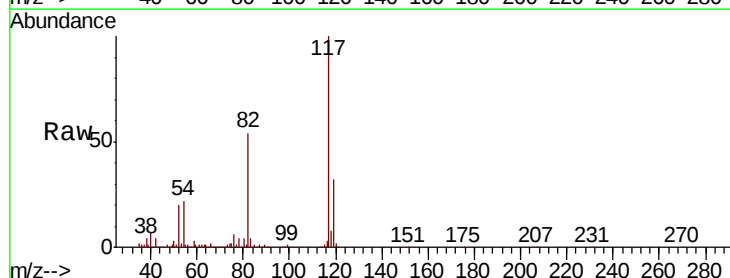
Tgt Ion: 117 Resp: 480984

Ion Ratio Lower Upper

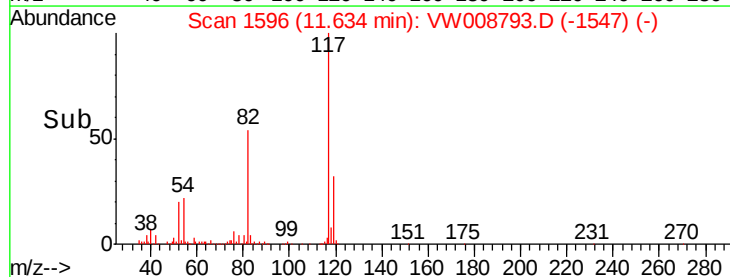
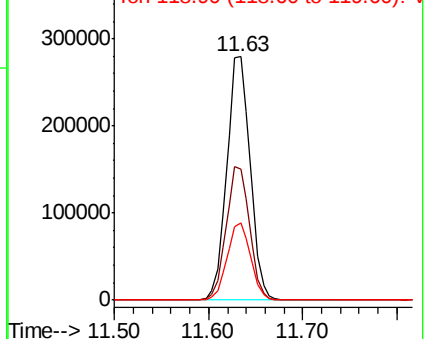
117 100

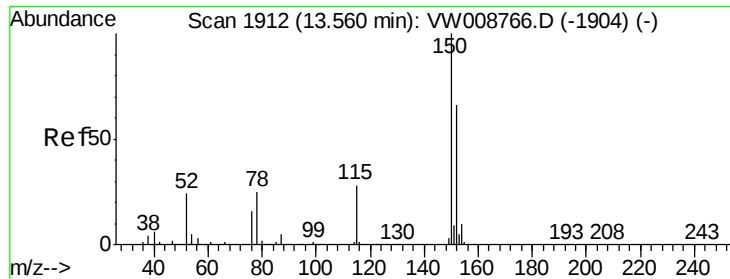
82 54.0 42.2 63.4

119 31.6 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

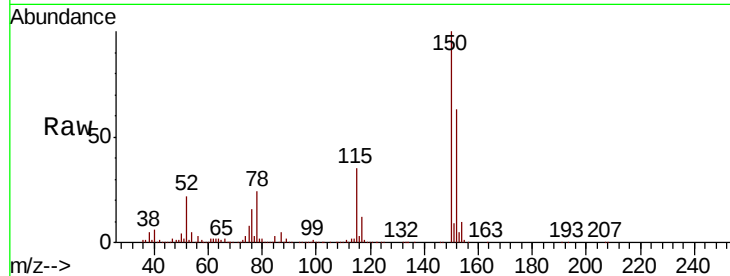




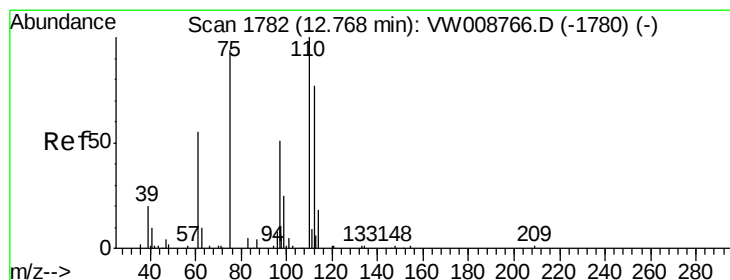
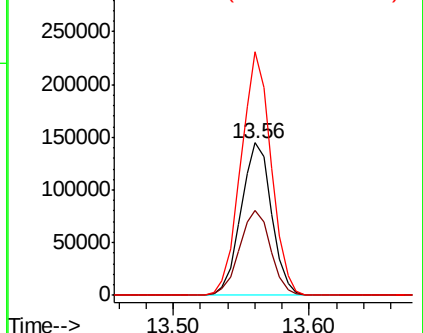
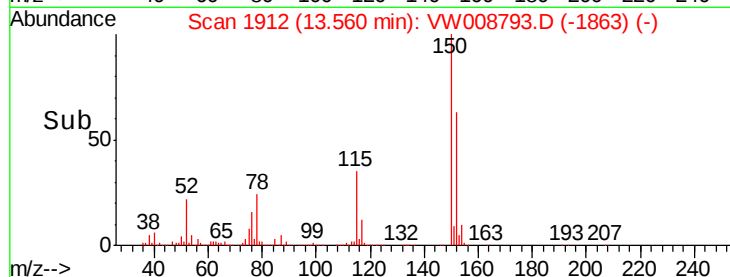
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.6	85.8
150	157.7	0.0	348.0



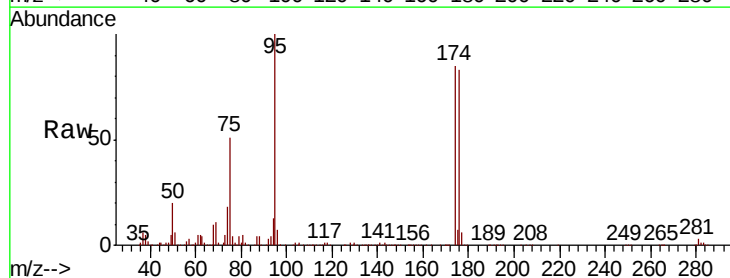
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



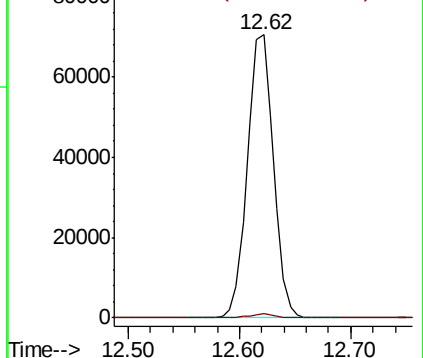
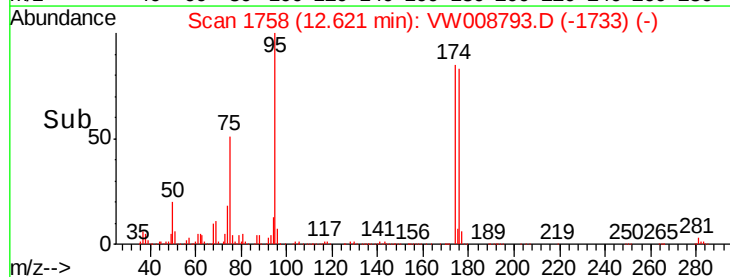
#76

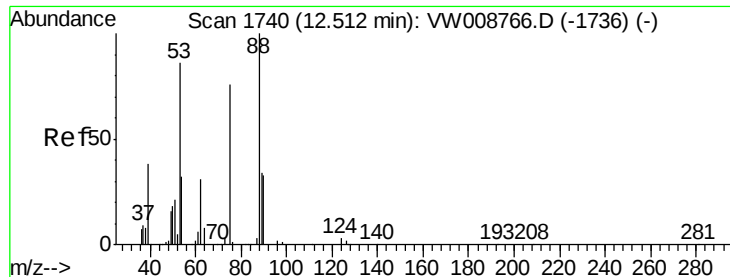
1,2,3-Trichloropropane
Concen: 61.461 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008793.D
Acq: 22 Feb 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



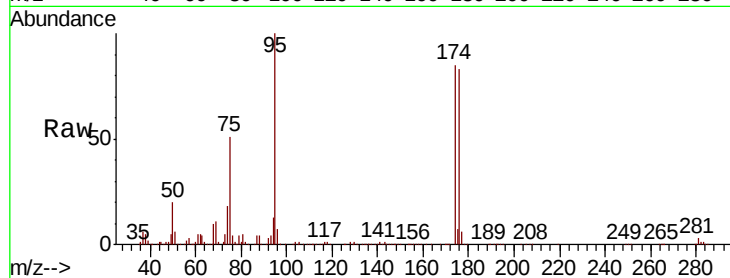
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.417 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008793.D
 Acq: 22 Feb 2019 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.2	132.2#
89	0.0	39.5	59.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 53.00 (52.70 to 53.70): VW
 Ion 88.90 (88.60 to 89.60): VW

