

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052518\
 Data File : VW002866.D
 Acq On : 25 May 2018 01:52
 Operator : JC/SY
 Sample : J3024-03RE
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 25 08:53:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	21607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	31004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	28123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	12079	50.00	ug/l	0.00

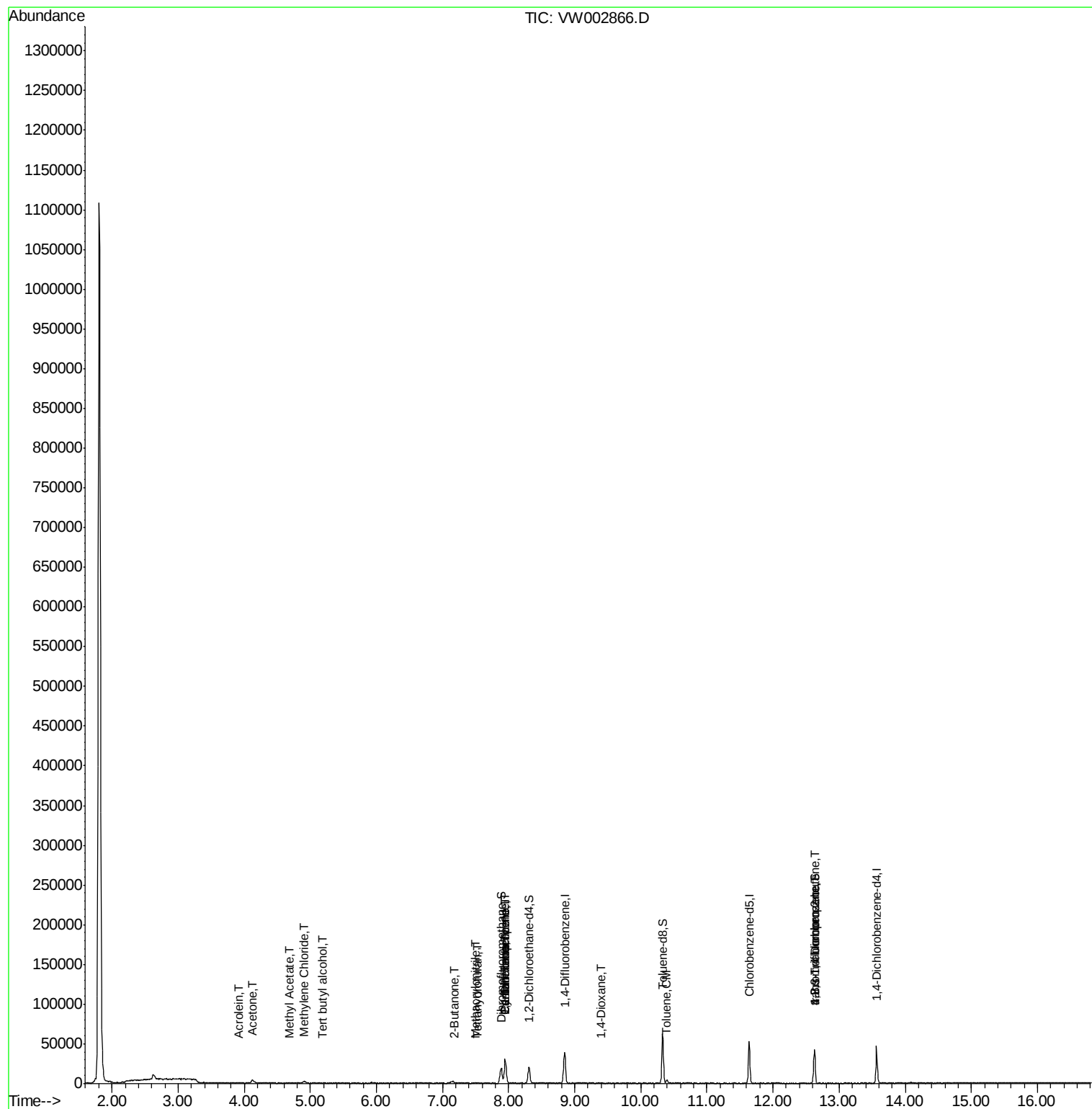
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	15293	68.49	ug/l	0.00
Spiked Amount			Recovery	=	136.98%	
35) Dibromofluoromethane	7.88	113	13472	68.49	ug/l	0.00
Spiked Amount			Recovery	=	136.98%	
50) Toluene-d8	10.33	98	40027	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.63	95	12044	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	

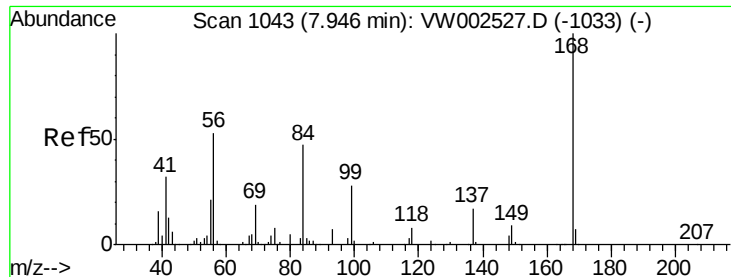
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	54	3.15	ug/l #	72
13) Acrolein	3.91	56	19	1.12	ug/l #	14
16) Acetone	4.12	43	6647	141.01	ug/l	96
18) Methyl Acetate	4.68	43	368	2.68	ug/l #	51
20) Methylene Chloride	4.91	84	1407	5.03	ug/l #	69
25) 2-Butanone	7.18	43	93	1.40	ug/l #	49
29) Tetrahydrofuran	7.53	42	212	5.09	ug/l #	74
31) Cyclohexane	7.95	56	596	1.88	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	1932	7.06	ug/l #	45
38) Carbon Tetrachloride	7.95	117	2175	8.12	ug/l #	18
41) Methacrylonitrile	7.50	41	137	1.80	ug/l #	20
49) 1,4-Dioxane	9.39	88	22	11.59	ug/l #	23
52) Toluene	10.40	92	1690	3.40	ug/l	94
76) 1,2,3-Trichloropropane	12.63	75	6256	54.79	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	6256	149.39	ug/l #	8

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

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052518\
Data File : VW002866.D
Acq On : 25 May 2018 01:52
Operator : JC/SY
Sample : J3024-03RE
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Quant Time: May 25 08:53:11 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002866.D

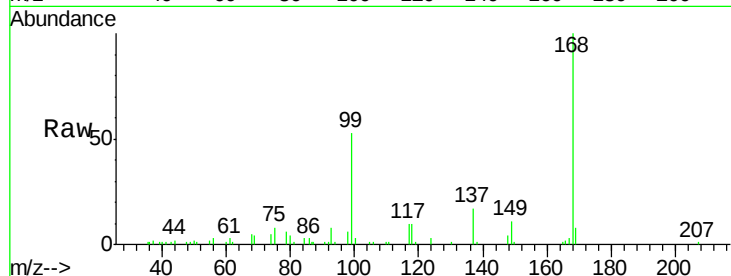
Acq: 25 May 2018 01:52

Tot Ion:168 Resp: 21607

Ion Ratio Lower Upper

168 100

99 52.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

10000

8000

6000

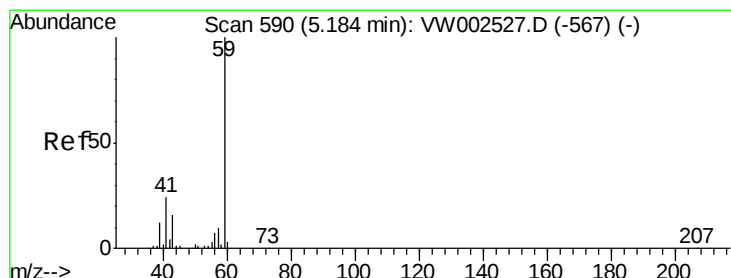
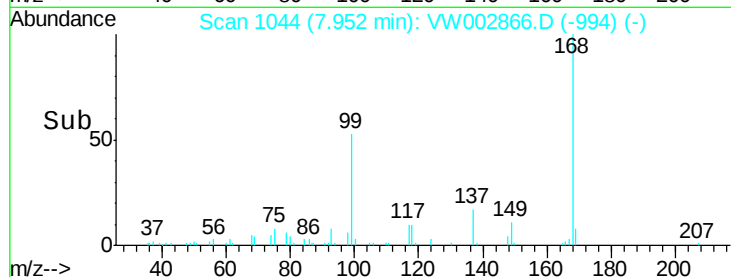
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 3.15 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002866.D

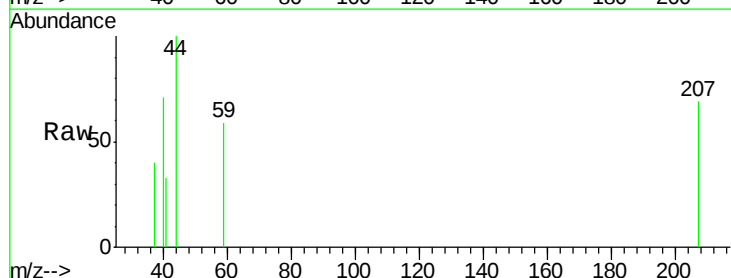
Acq: 25 May 2018 01:52

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

100

80

60

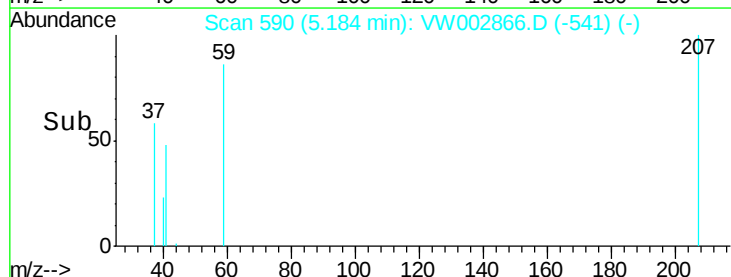
40

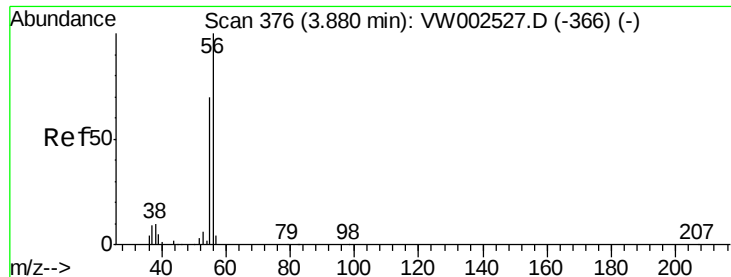
20

0

Time-->

5.17 5.18 5.19 5.20 5.21





#13

Acrolein

Concen: 1.12 ug/l

RT: 3.91 min Scan# 381

Delta R.T. 0.03 min

Lab File: VW002866.D

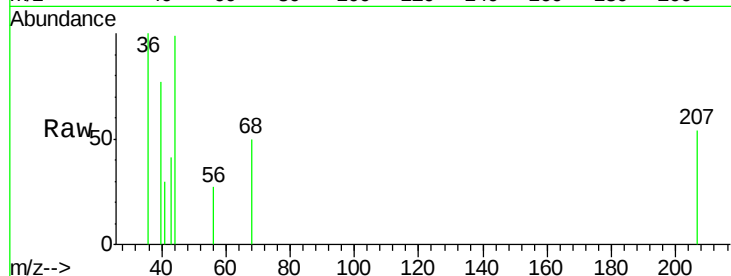
Acq: 25 May 2018 01:52

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

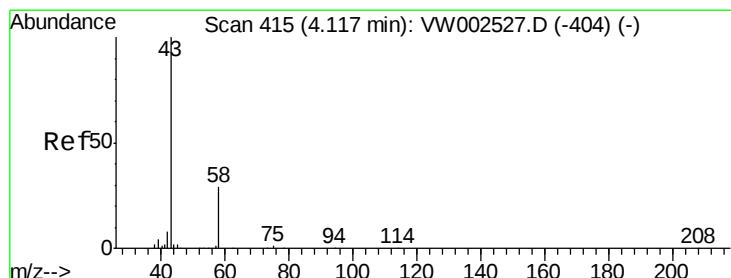
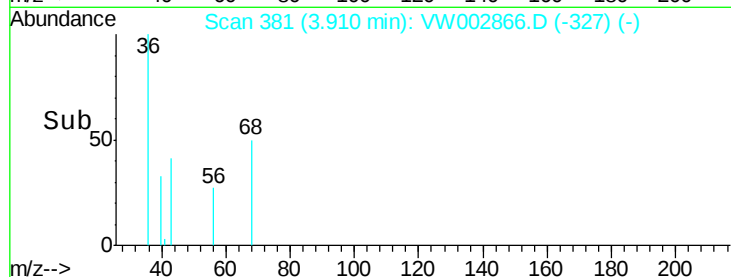
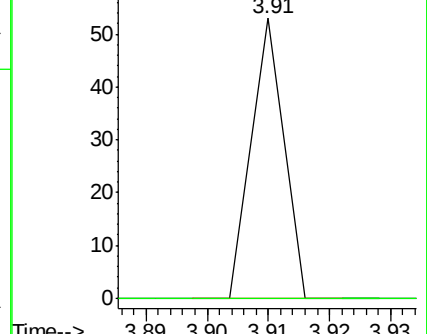
56 100

55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 141.01 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002866.D

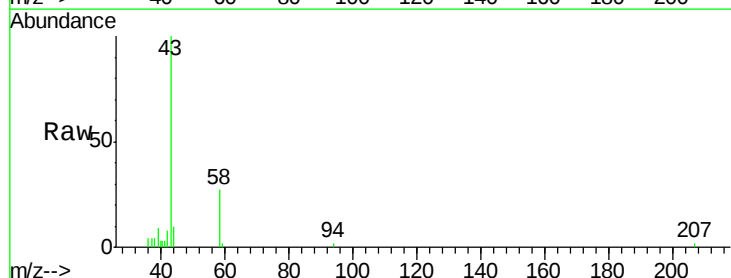
Acq: 25 May 2018 01:52

Tgt Ion: 43 Resp: 6647

Ion Ratio Lower Upper

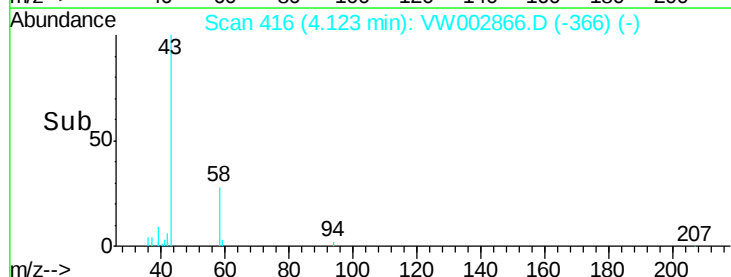
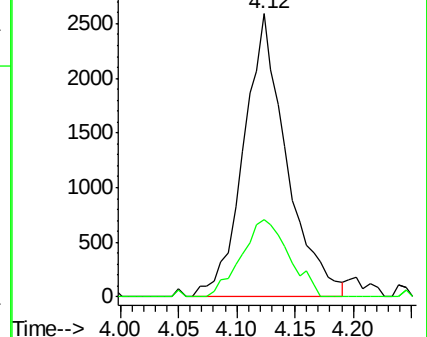
43 100

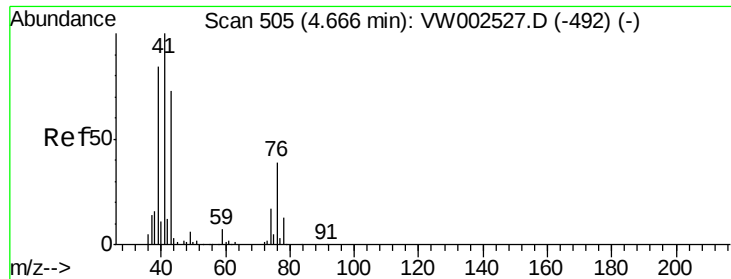
58 27.2 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 2.68 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.02 min

Lab File: VW002866.D

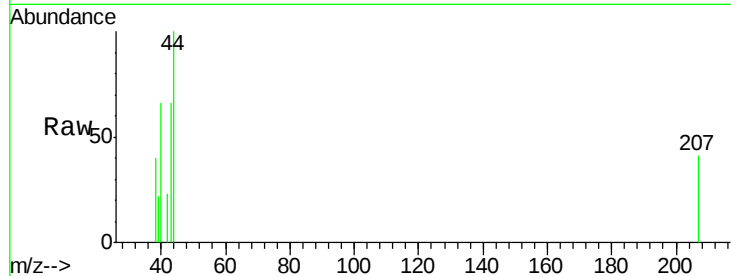
Acq: 25 May 2018 01:52

Tot Ion: 43 Resp: 368

Ion Ratio Lower Upper

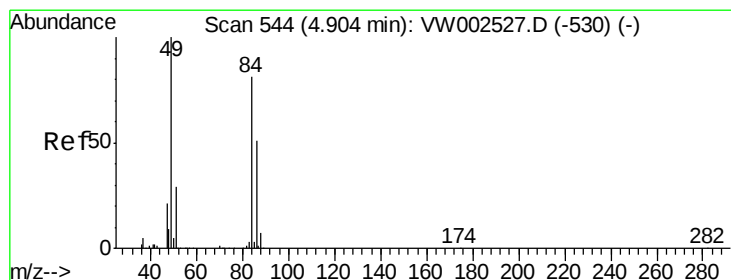
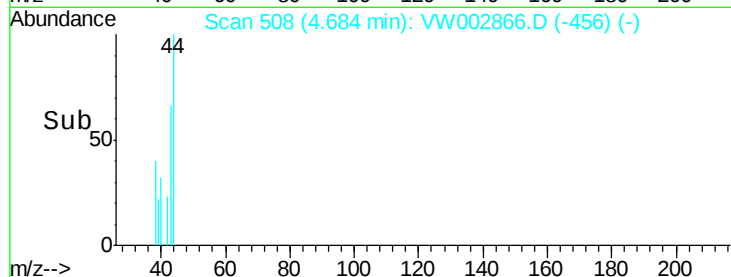
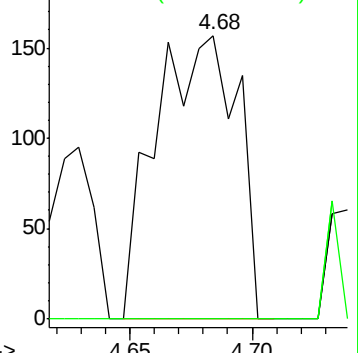
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#20

Methylene Chloride

Concen: 5.03 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

Tgt Ion: 84 Resp: 1407

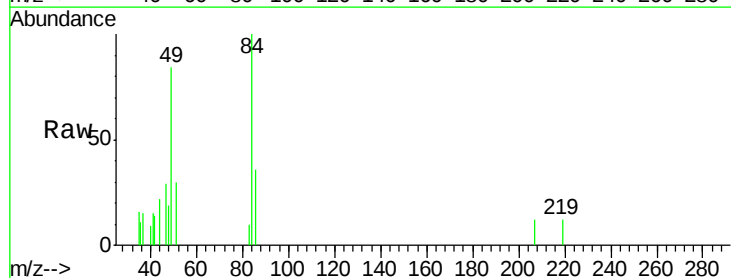
Ion Ratio Lower Upper

84 100

49 84.5 99.4 149.0#

51 29.6 29.0 43.6

86 36.4 50.3 75.5#

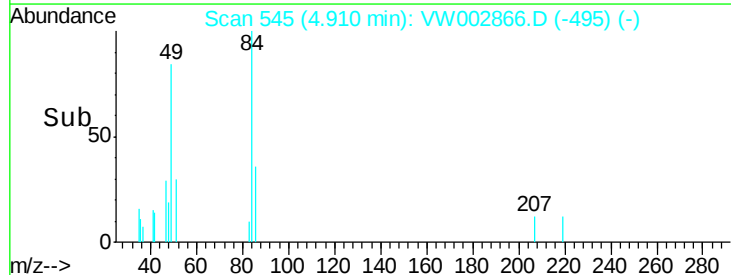
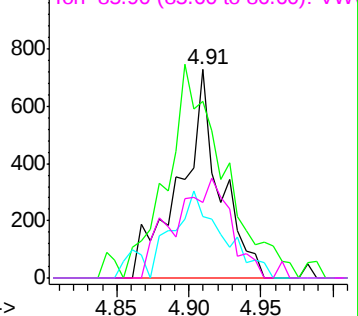


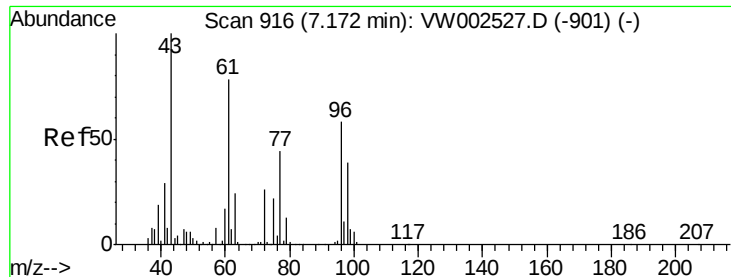
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.40 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002866.D

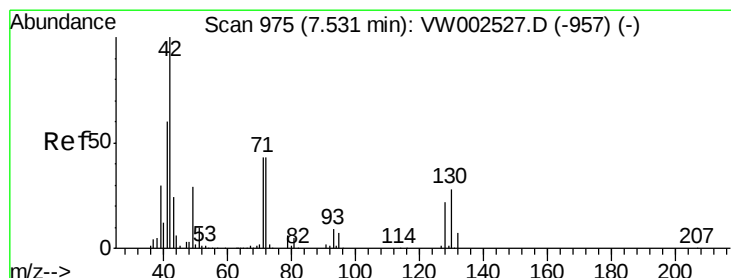
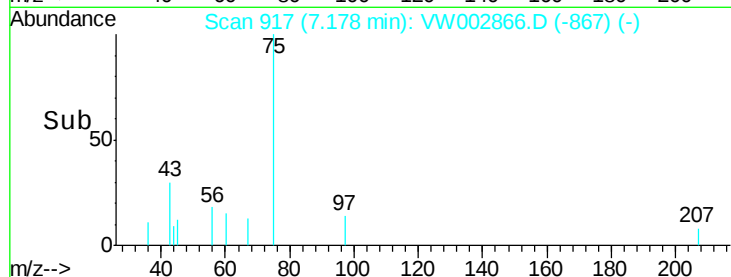
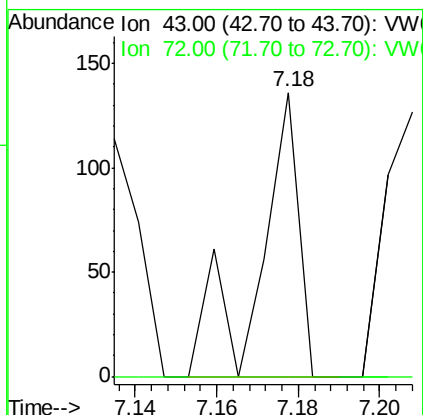
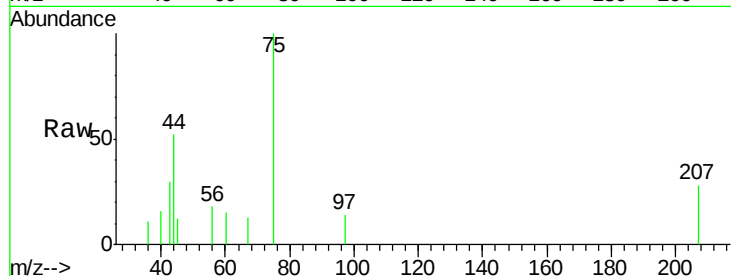
Acq: 25 May 2018 01:52

Tot Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



#29

Tetrahydrofuran

Concen: 5.09 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

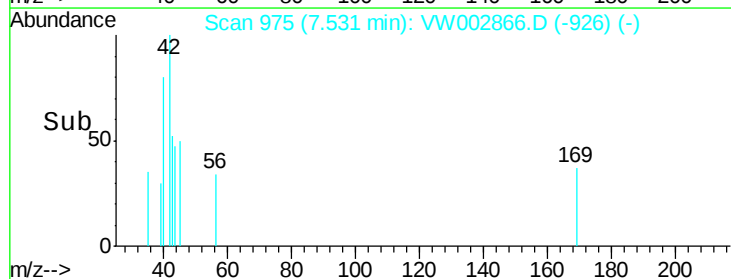
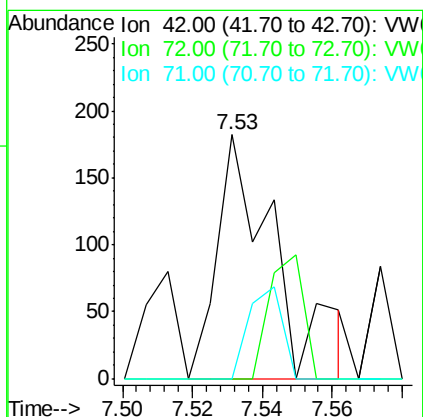
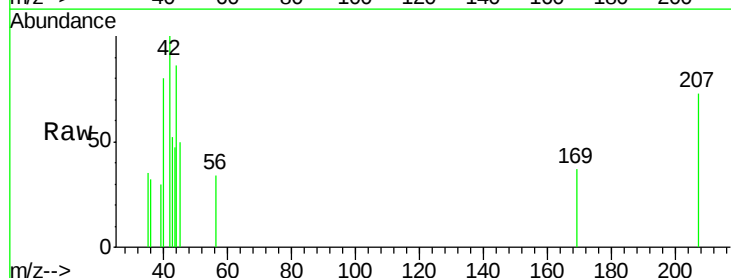
Tgt Ion: 42 Resp: 212

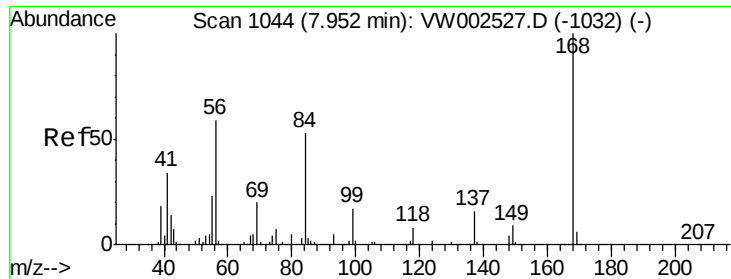
Ion Ratio Lower Upper

42 100

72 29.7 35.0 52.4#

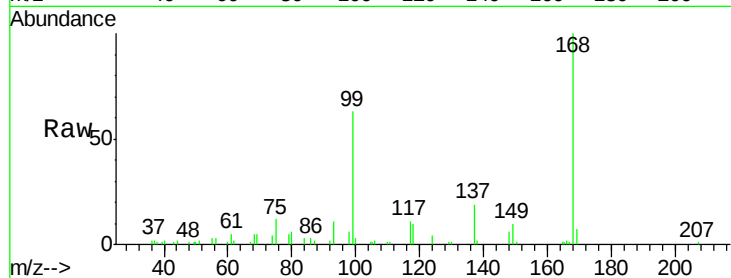
71 21.7 33.0 49.6#



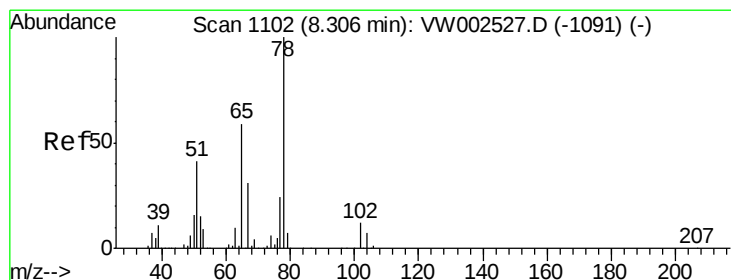
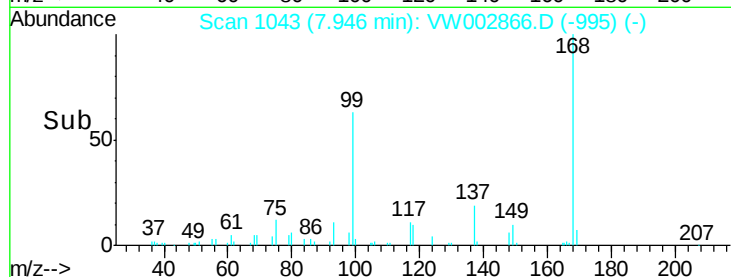
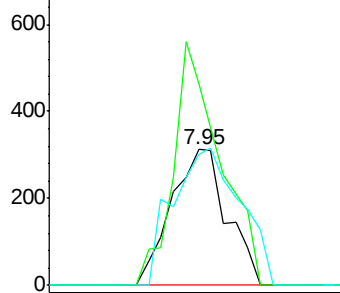


#31
Cyclohexane
Concen: 1.88 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

Tot Ion: 56 Resp: 596
Ion Ratio Lower Upper
56 100
69 148.1 27.0 40.4#
84 96.8 72.2 108.2

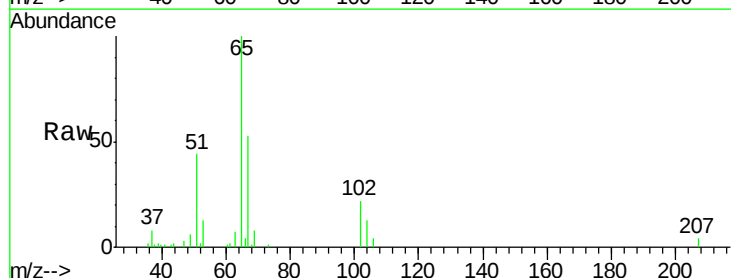


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

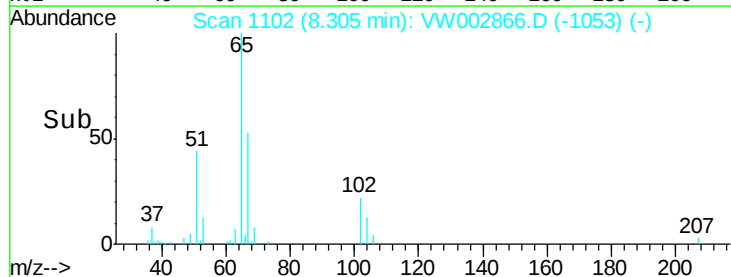
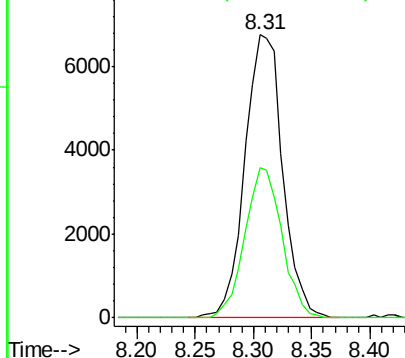


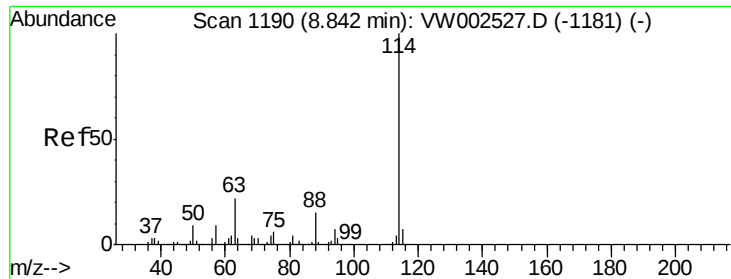
#33
1,2-Dichloroethane-d4
Concen: 68.49 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

Tgt Ion: 65 Resp: 15293
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4



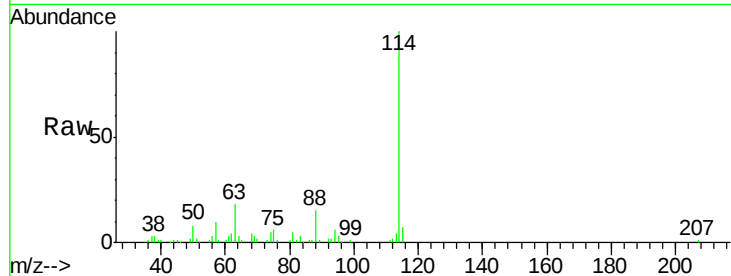
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



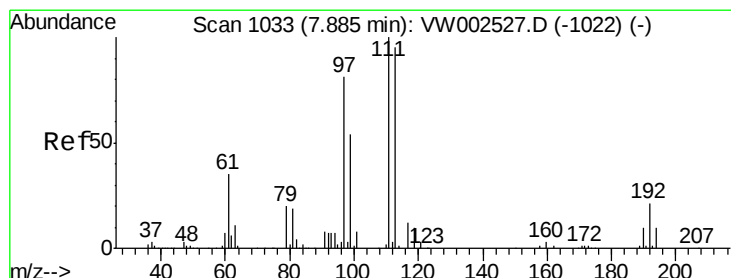
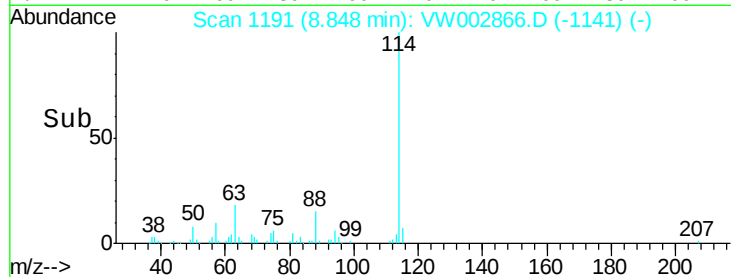
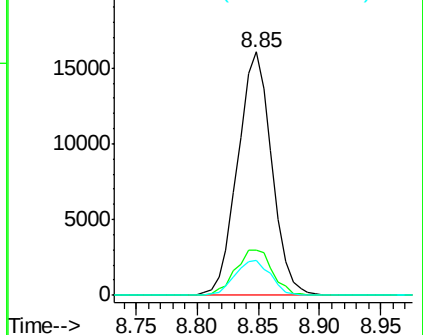


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tot Ion:114 Resp: 31004
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.2
 88 14.5 0.0 29.2

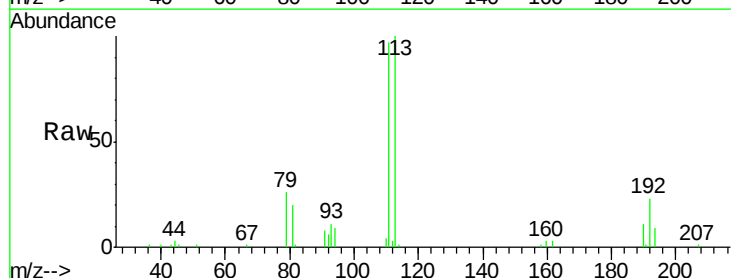


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

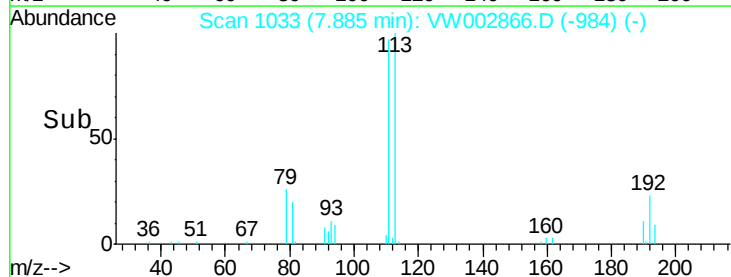
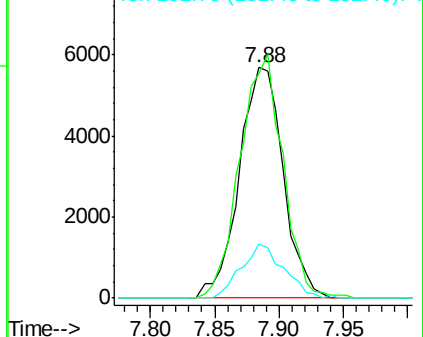


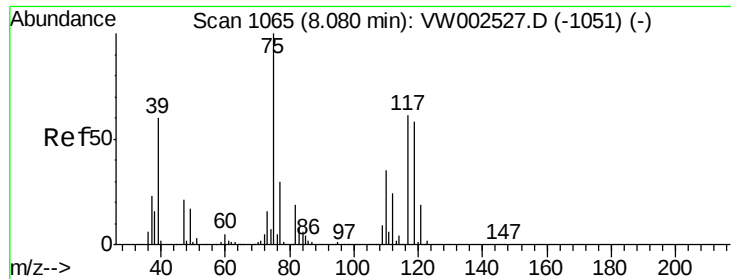
#35
 Dibromofluoromethane
 Concen: 68.49 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tgt Ion:113 Resp: 13472
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 22.7 17.5 26.3



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: 7.06 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

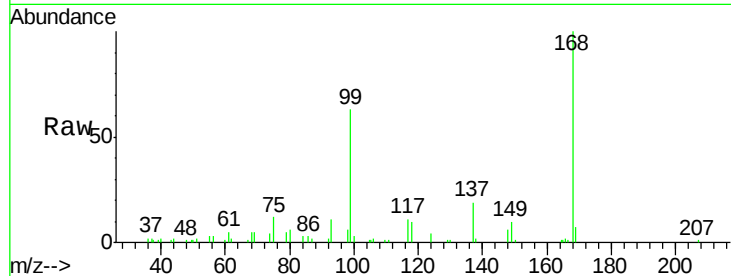
Tot Ion: 75 Resp: 1932

Ion Ratio Lower Upper

75 100

110 4.2 17.8 53.5#

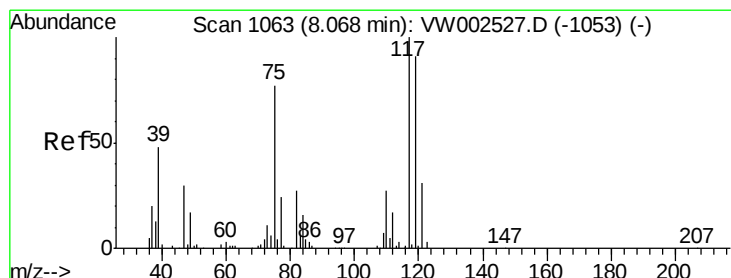
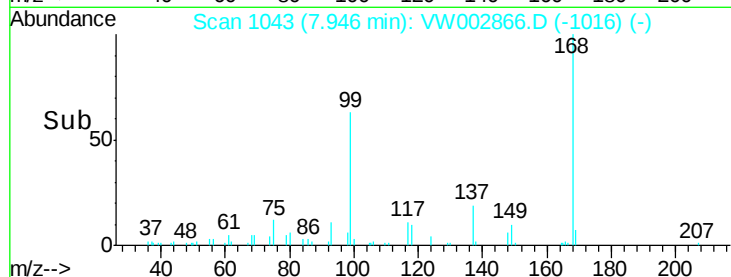
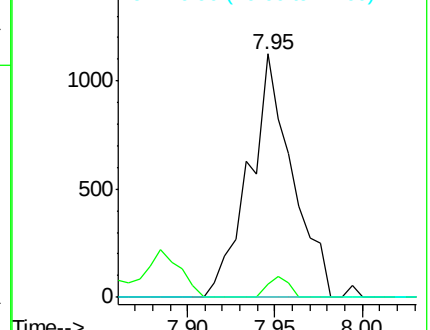
77 0.0 24.5 36.7#



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: 8.12 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

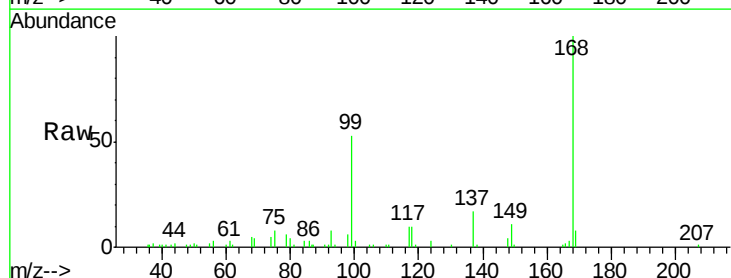
Tgt Ion: 117 Resp: 2175

Ion Ratio Lower Upper

117 100

119 5.1 73.1 109.7#

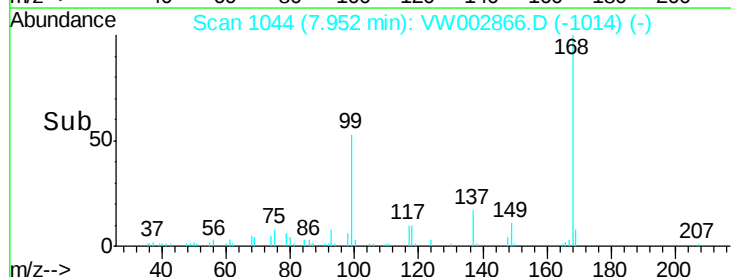
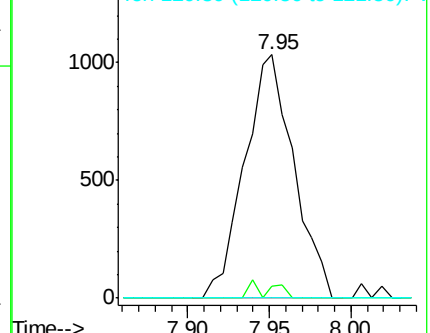
121 0.0 24.4 36.6#

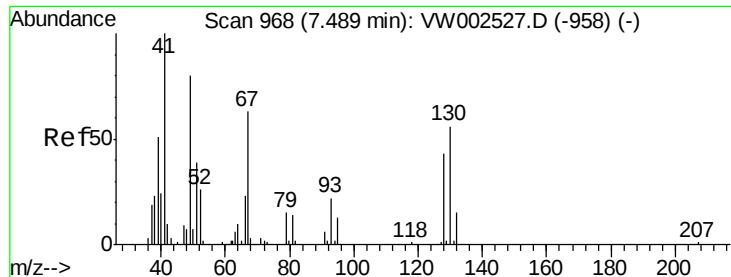


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

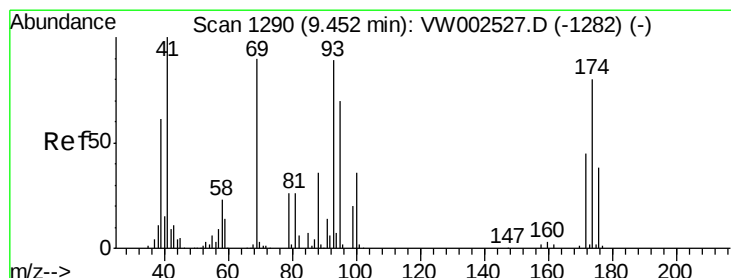
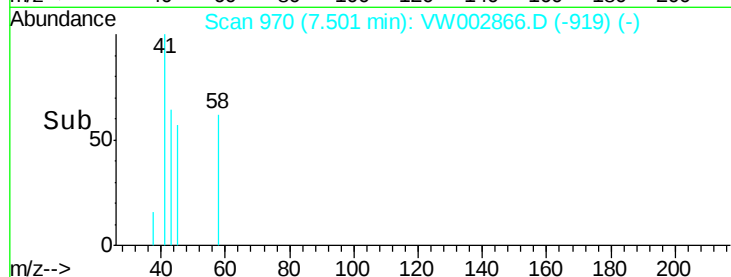
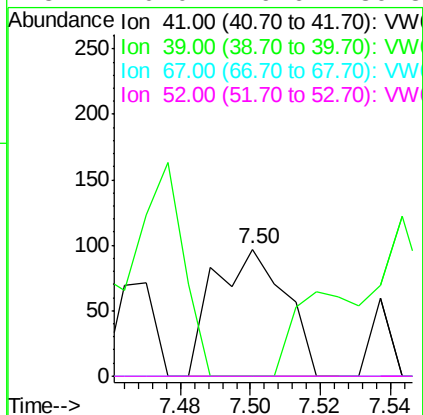
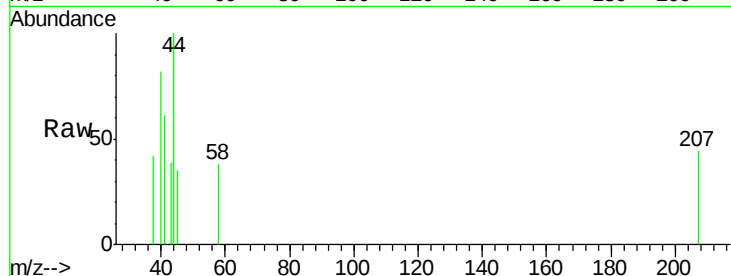
Ion 120.80 (120.50 to 121.50): V





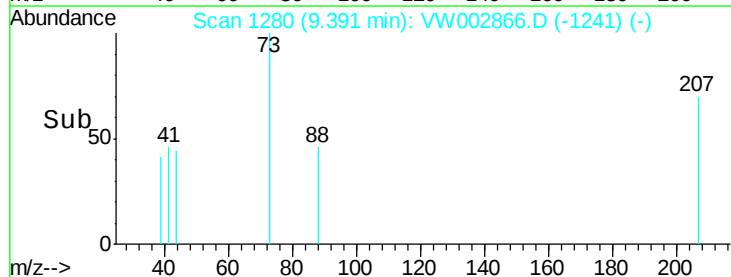
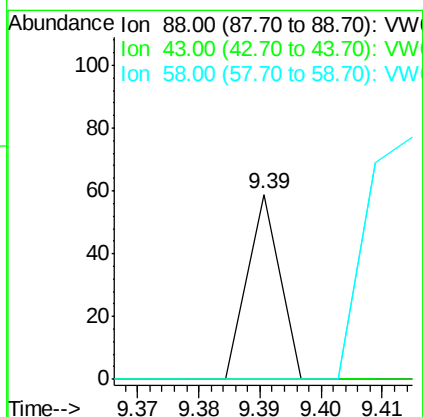
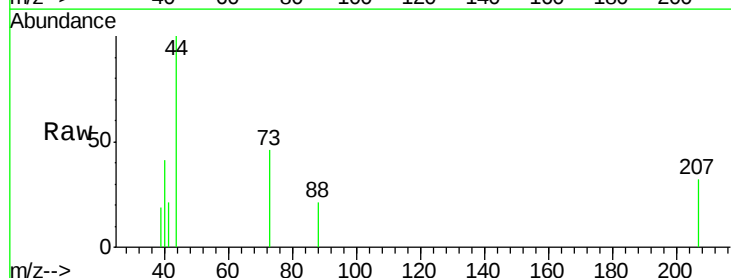
#41
Methacrylonitrile
Concen: 1.80 ug/l
RT: 7.50 min Scan# 970
Delta R.T. 0.01 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

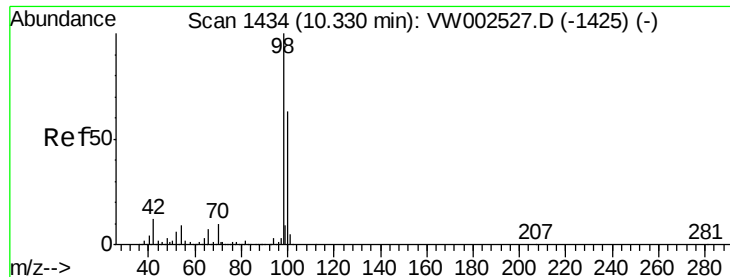
Tot Ion:	41	Resp:	137
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
67	0.0	59.9	89.9#
52	0.0	26.6	39.8#



#49
1,4-Dioxane
Concen: 11.59 ug/l
RT: 9.39 min Scan# 1280
Delta R.T. -0.06 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

Tgt Ion:	88	Resp:	22
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	0.0	56.9	85.3#





#50

Toluene-d8

Concen: 53.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002866.D

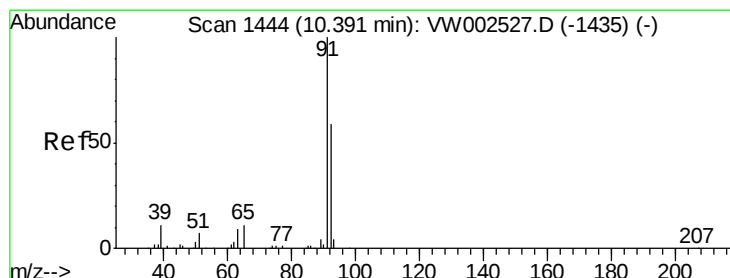
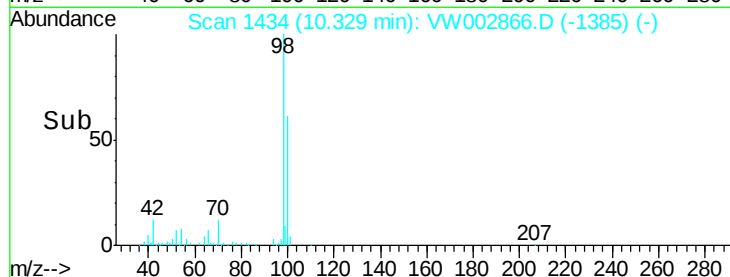
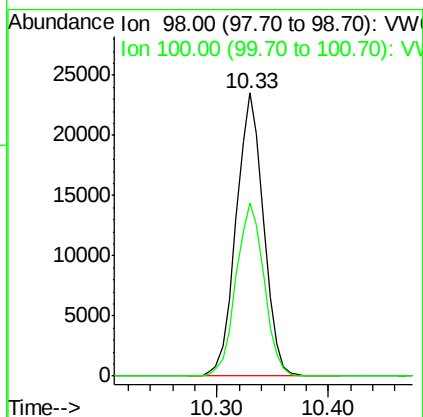
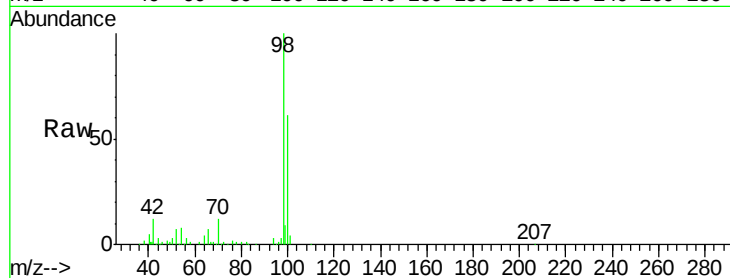
Acq: 25 May 2018 01:52

Tot Ion: 98 Resp: 40027

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.4



#52

Toluene

Concen: 3.40 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002866.D

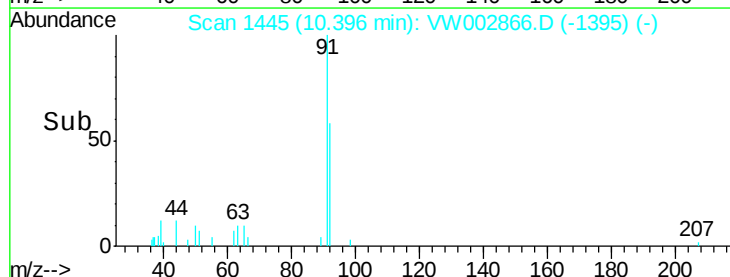
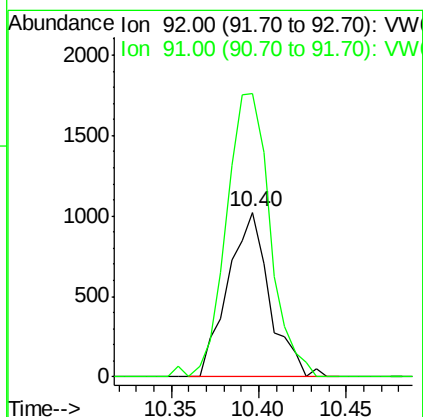
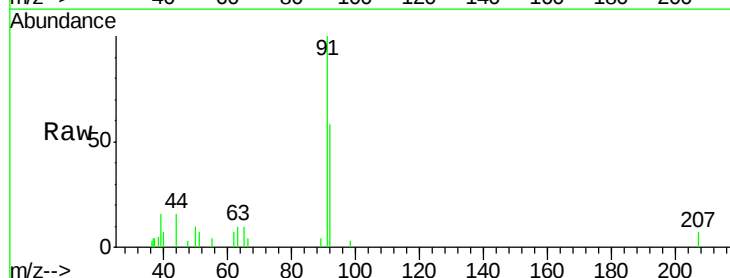
Acq: 25 May 2018 01:52

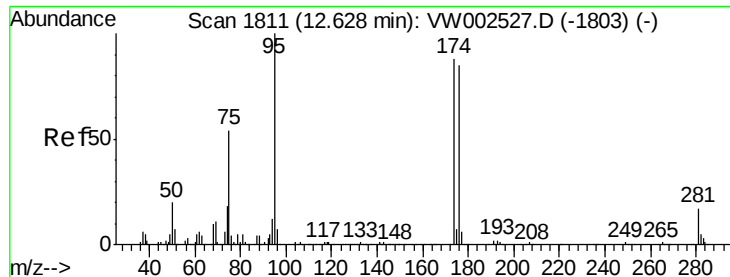
Tgt Ion: 92 Resp: 1690

Ion Ratio Lower Upper

92 100

91 181.9 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 44.02 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

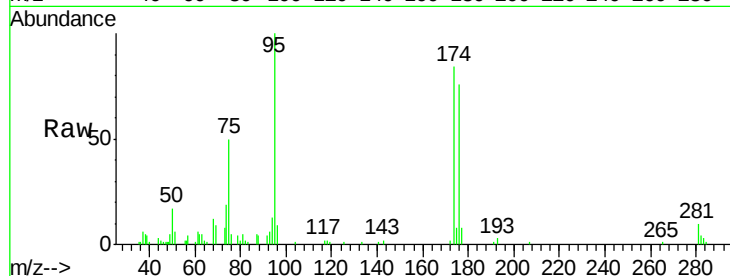
Tot Ion: 95 Resp: 12044

Ion Ratio Lower Upper

95 100

174 88.5 0.0 176.6

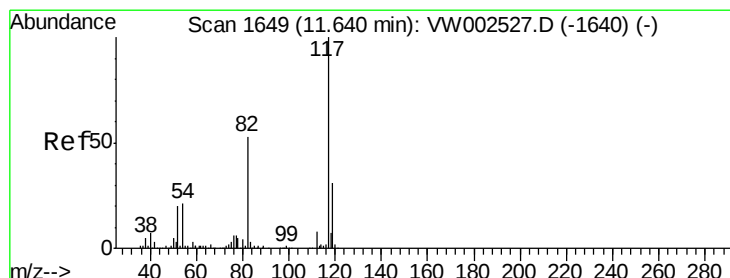
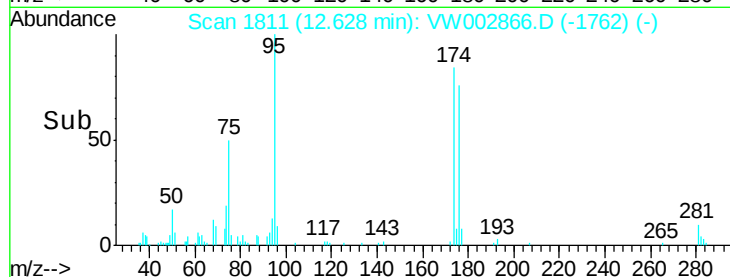
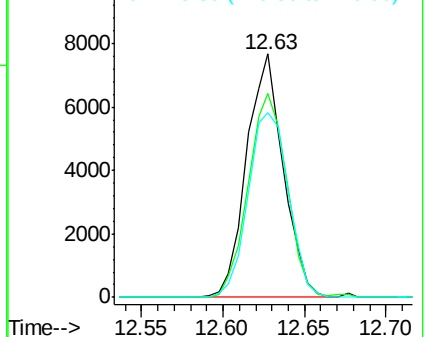
176 82.9 0.0 172.2



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: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW002866.D

Acq: 25 May 2018 01:52

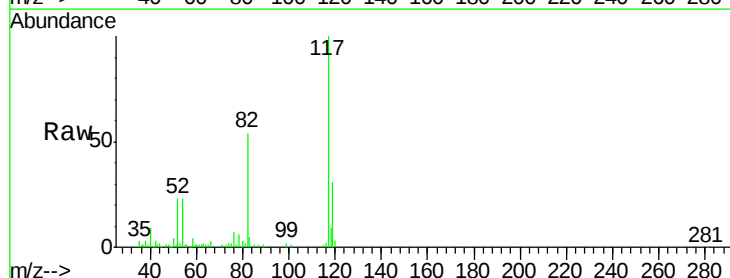
Tgt Ion: 117 Resp: 28123

Ion Ratio Lower Upper

117 100

82 54.4 42.6 64.0

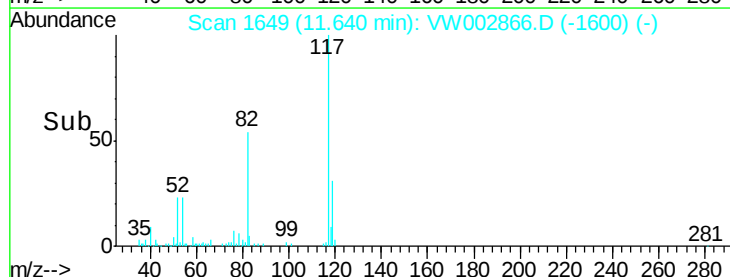
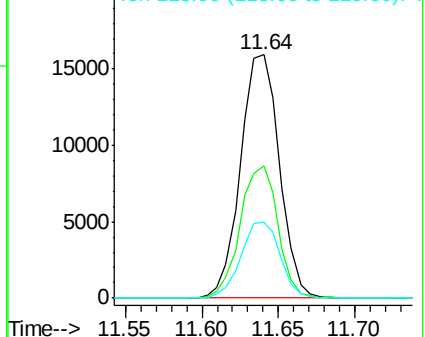
119 31.2 25.0 37.6

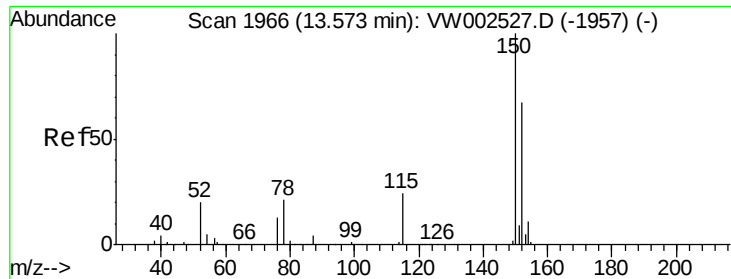


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

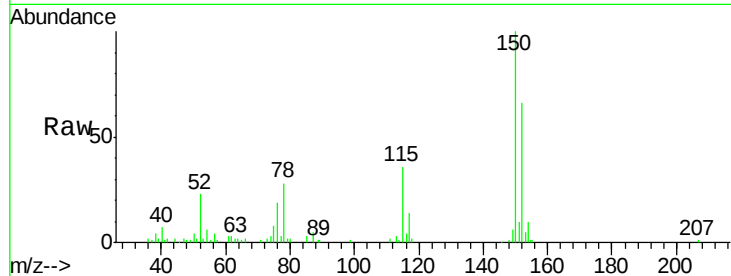




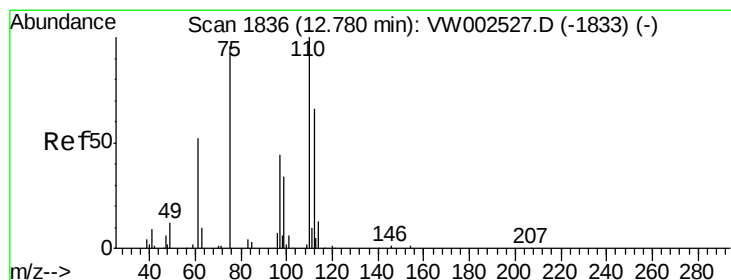
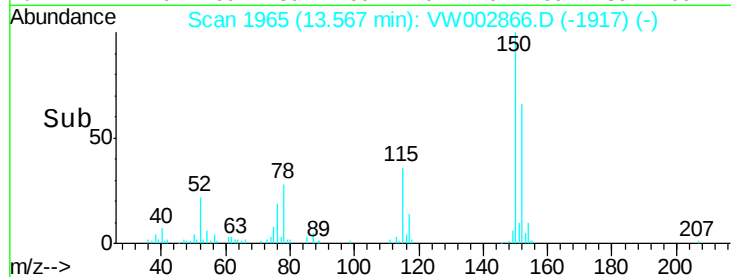
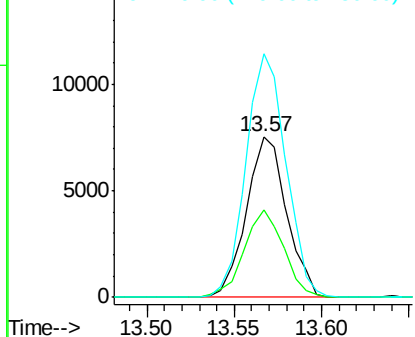
#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	28.0	84.0
150	150.4	0.0	345.4



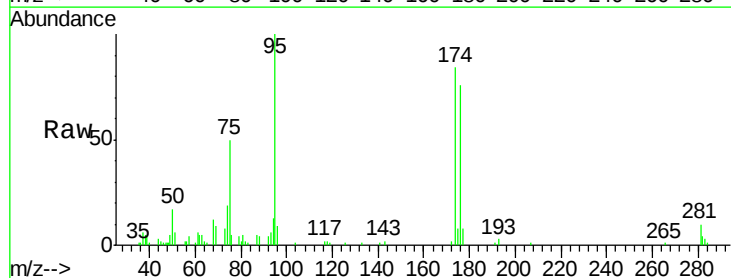
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



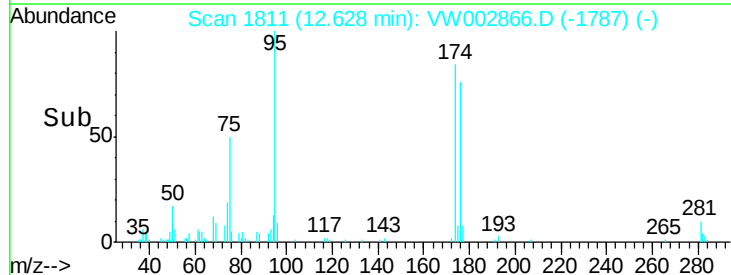
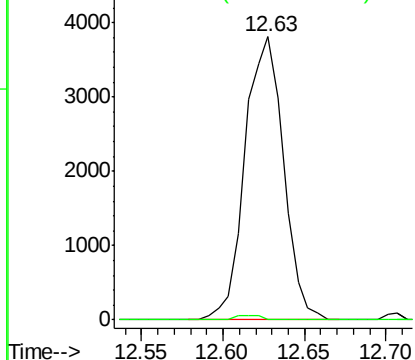
#76

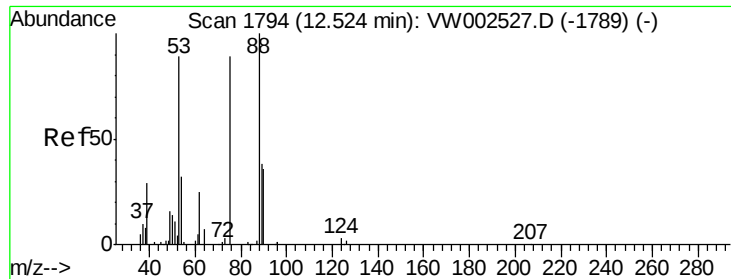
1,2,3-Trichloropropane
Concen: 54.79 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW002866.D
Acq: 25 May 2018 01:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 149.39 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002866.D
 Acq: 25 May 2018 01:52

Tot Ion: 75 Resp: 6256
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 39.2 58.8#

