

Data File : VW002784.D
Acq On : 22 May 2018 11:07
Operator : JC/SY
Sample : VSTD05084
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:33:06 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324565	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	306920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	167493	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	207660	42.10	ug/L	0.00
7) Chloroethane-d5	2.89	69	193313	43.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	362944	43.55	ug/L	0.00
20) 2-Butanone-d5	7.08	46	178299	108.41	ug/L	0.00
24) Chloroform-d	7.65	84	399357	46.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	242297	47.70	ug/L	0.00
29) Benzene-d6	8.27	84	753422	44.24	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	242442	46.07	ug/L	0.00
37) Toluene-d8	10.33	98	751949	45.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	122686	49.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	153601	116.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	272998	51.93	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	315433	47.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	93868	46.41	ug/L	91
3) Chloromethane	2.21	50	155600	50.40	ug/L	98
5) Vinyl chloride	2.36	62	267052	51.04	ug/L	96
6) Bromomethane	2.78	94	195466	53.04	ug/L	99
8) Chloroethane	2.92	64	179350	51.78	ug/L	96
9) Trichlorofluoromethane	3.25	101	115483	37.73	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	193209	47.68	ug/L	99
12) 1,1-Dichloroethene	4.03	96	187010	50.22	ug/L	99
13) Acetone	4.12	43	143921	89.40	ug/L	99
14) Carbon disulfide	4.37	76	577669	58.35	ug/L	100
15) Methyl Acetate	4.67	43	135994	54.90	ug/L	100
16) Methylene chloride	4.91	84	192192	46.81	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	370315	51.90	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	199629	51.77	ug/L	99
19) 1,1-Dichloroethane	6.21	63	351239	49.67	ug/L	98
21) 2-Butanone	7.18	43	197973	104.55	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	223045	50.91	ug/L	98
23) Bromochloromethane	7.51	128	106217	51.28	ug/L	97
25) Chloroform	7.68	83	377564	49.34	ug/L	99
27) 1,2-Dichloroethane	8.40	62	280265	52.77	ug/L	100
30) Cyclohexane	7.95	56	329503	52.49	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	288042	46.18	ug/L	100
32) Carbon tetrachloride	8.07	117	295683	48.94	ug/L	99
34) Benzene	8.32	78	822850	50.60	ug/L	100
35) Trichloroethene	9.10	95	220098	49.66	ug/L	99
36) Methylcyclohexane	9.34	83	381428	52.81	ug/L	99
40) 1,2-Dichloropropane	9.37	63	213350	49.34	ug/L	100
41) Bromodichloromethane	9.65	83	287150	50.77	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	345881	51.61	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	406022	111.02	ug/L	99

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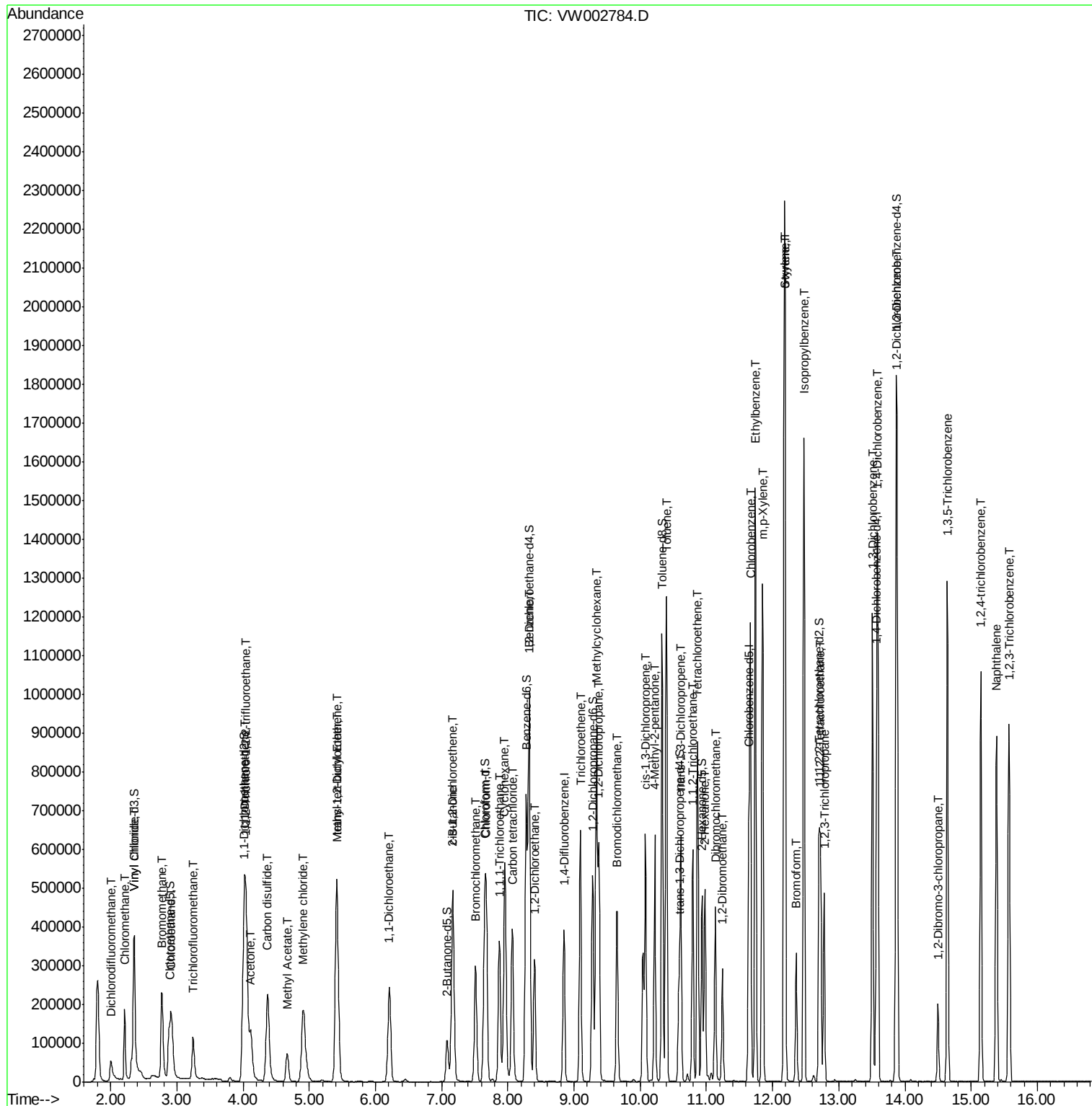
Quant Time: May 22 11:33:06 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:04:19 2018
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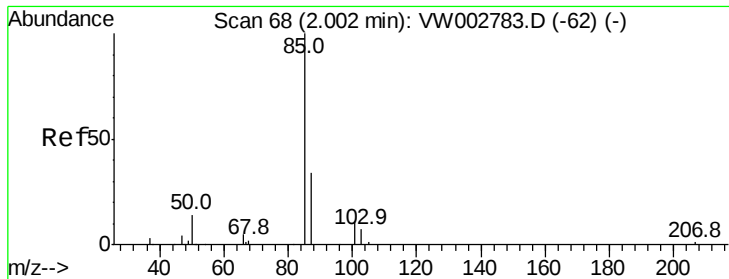
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	910051	50.34	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	320209	53.09	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	179159	49.85	ug/L	99
47) Tetrachloroethene	10.87	164	193717	50.61	ug/L	99
49) 2-Hexanone	10.98	43	308148	113.63	ug/L	100
50) Dibromochloromethane	11.13	129	224429	51.83	ug/L	98
51) 1,2-Dibromoethane	11.24	107	186576	53.34	ug/L	100
52) Chlorobenzene	11.66	112	598293	49.48	ug/L	98
53) Ethylbenzene	11.74	91	1047081	50.71	ug/L	99
54) m,p-Xylene	11.85	106	400724	51.25	ug/L	96
55) o-xylene	12.18	106	383597	50.37	ug/L	99
56) Styrene	12.19	104	679930	52.20	ug/L	99
57) Isopropylbenzene	12.48	105	1045371	49.62	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	255509	51.77	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	193173	51.65	ug/L	98
62) Bromoform	12.36	173	150755	52.49	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	488700	47.51	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	508596	47.89	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	477753	48.81	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.50	75	47179	52.49	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	392972	47.24	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	337515	47.58	ug/L	98
69) Naphthalene	15.38	128	746654	50.70	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	316803	48.20	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 46.41 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002784.D

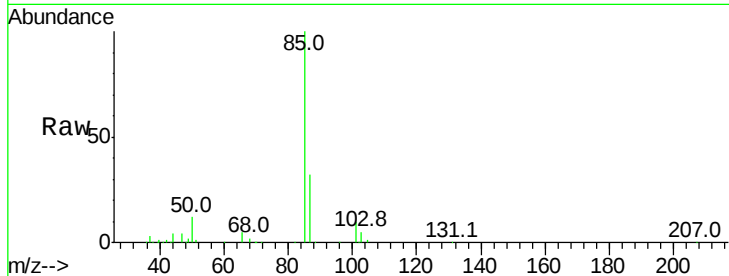
Acq: 22 May 2018 11:07

Tgt Ion: 85 Resp: 93868

Ion Ratio Lower Upper

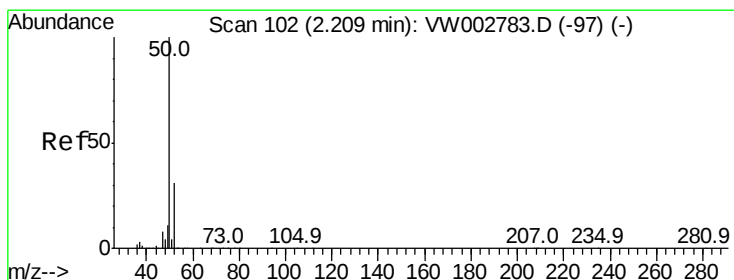
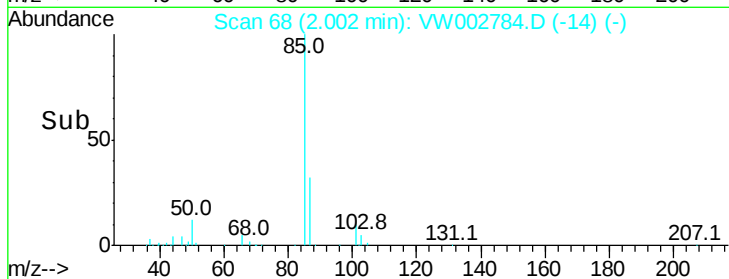
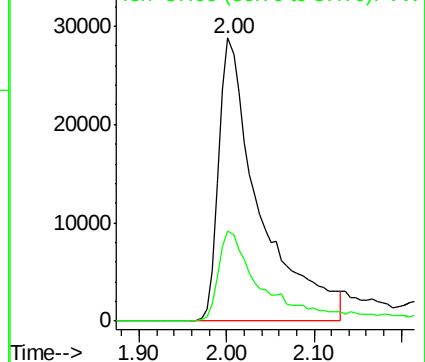
85 100

87 25.9 15.2 28.2



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 50.40 ug/L

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002784.D

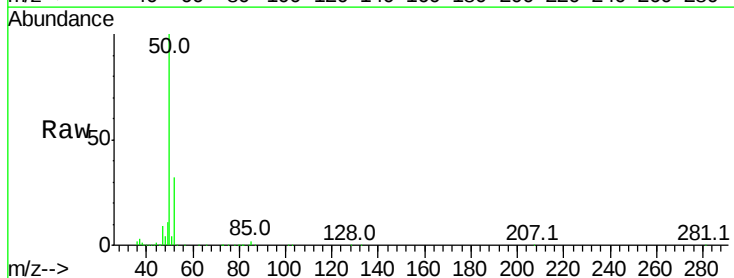
Acq: 22 May 2018 11:07

Tgt Ion: 50 Resp: 155600

Ion Ratio Lower Upper

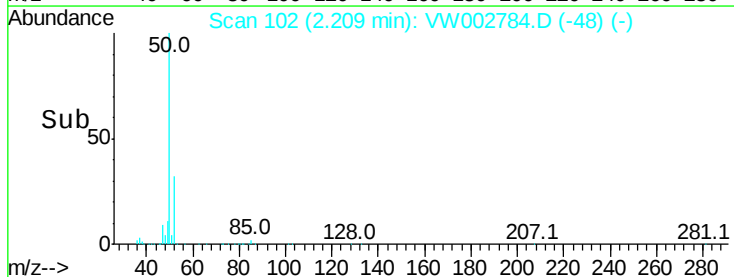
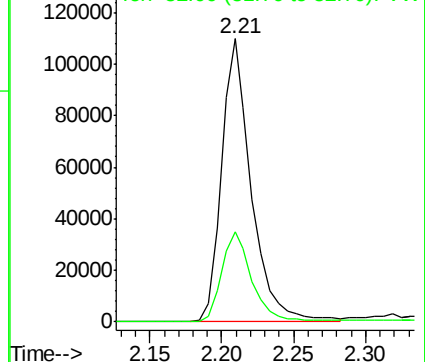
50 100

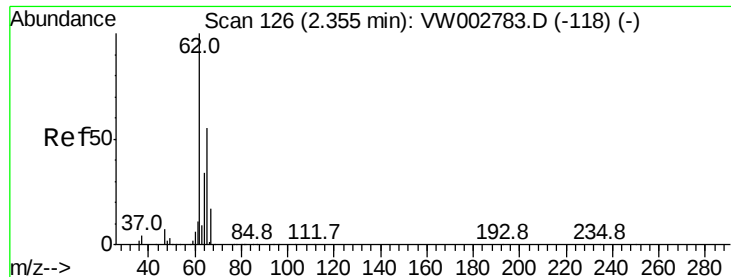
52 31.7 21.4 39.8



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 51.04 ug/L

RT: 2.36 min Scan# 126

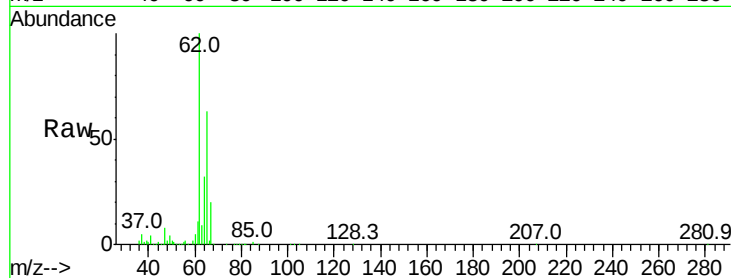
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion: 62 Resp: 267052

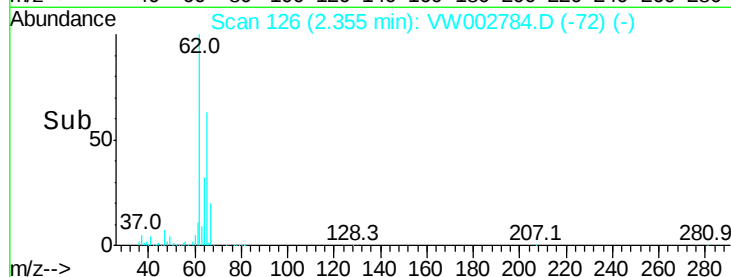
Ion	Ratio	Lower	Upper
62	100		
64	32.3	24.0	44.6



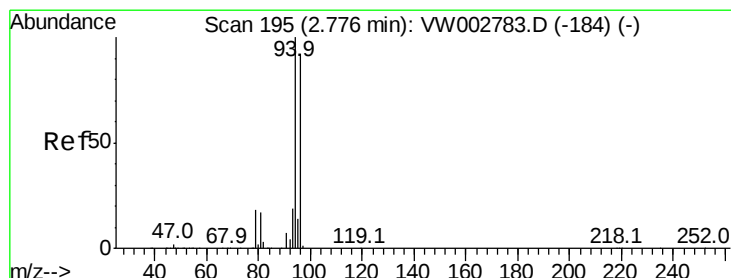
Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2.36



Time-->



#6

Bromomethane

Concen: 53.04 ug/L

RT: 2.78 min Scan# 195

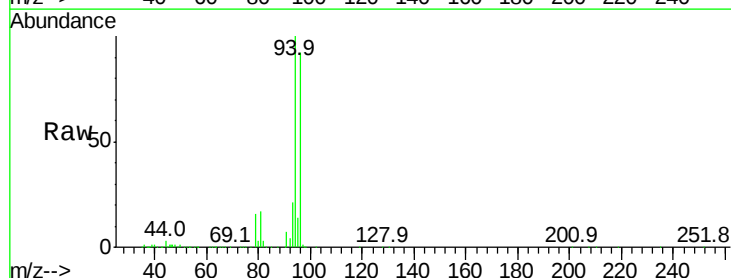
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion: 94 Resp: 195466

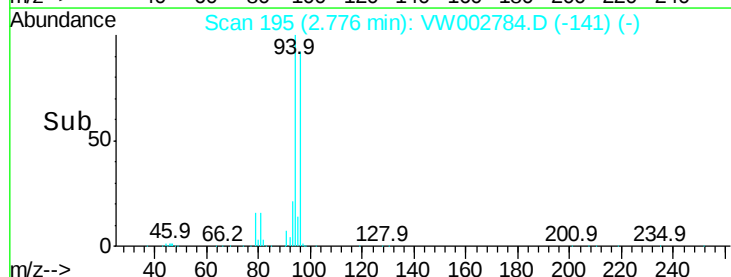
Ion	Ratio	Lower	Upper
94	100		
96	92.2	9.3	177.7



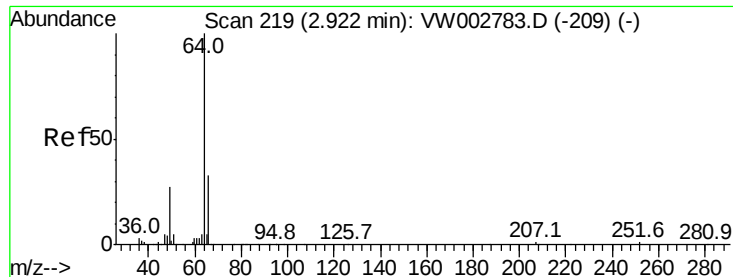
Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

2.78



Time-->



#8

Chloroethane

Concen: 51.78 ug/L

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002784.D

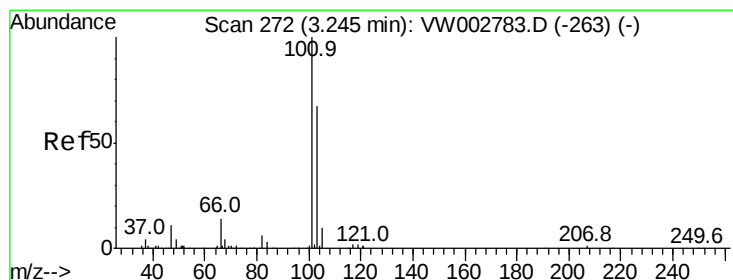
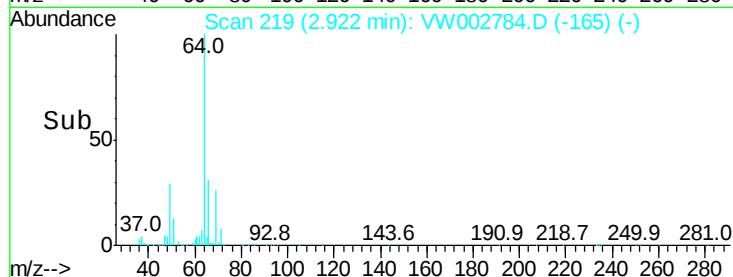
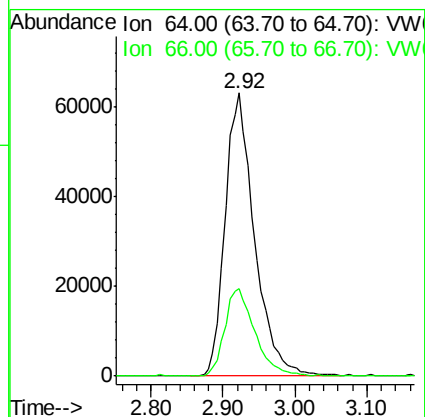
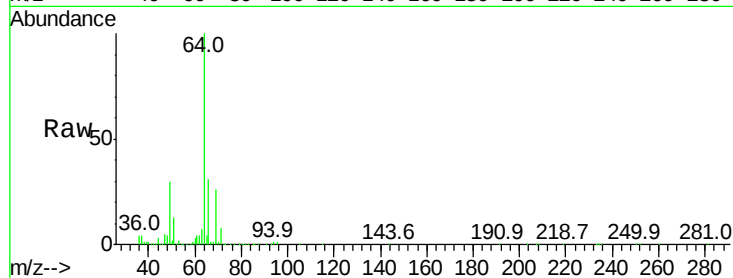
Acq: 22 May 2018 11:07

Tgt Ion: 64 Resp: 179350

Ion Ratio Lower Upper

64 100

66 31.1 23.2 43.2



#9

Trichlorofluoromethane

Concen: 37.73 ug/L

RT: 3.25 min Scan# 272

Delta R.T. -0.00 min

Lab File: VW002784.D

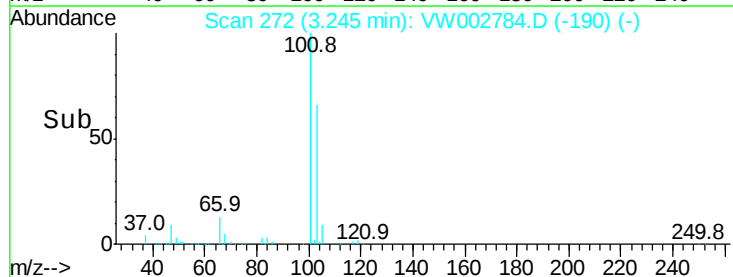
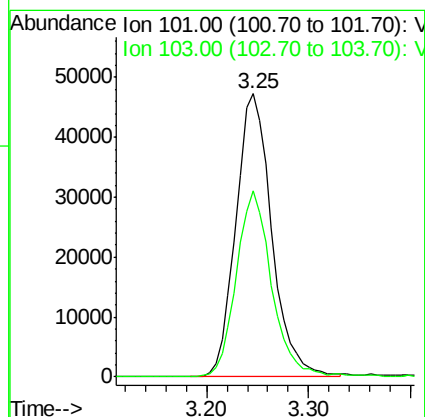
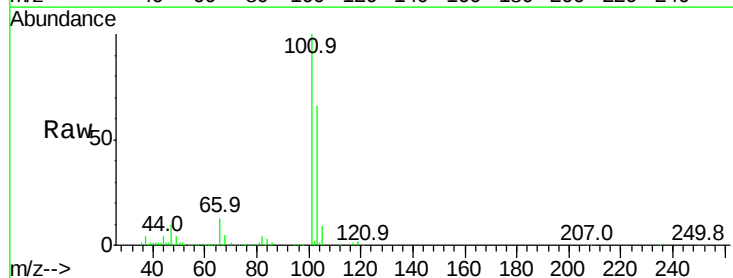
Acq: 22 May 2018 11:07

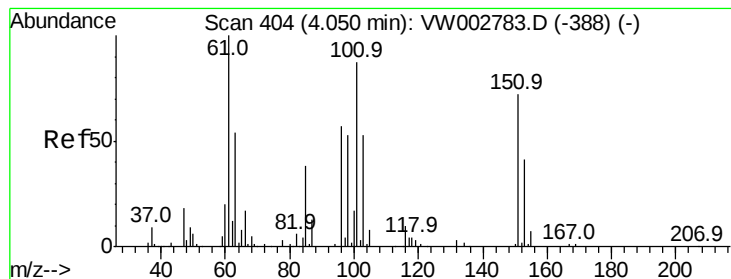
Tgt Ion: 101 Resp: 115483

Ion Ratio Lower Upper

101 100

103 64.2 45.0 83.6





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.68 ug/L

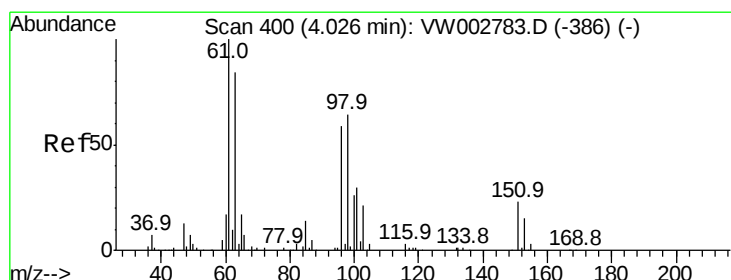
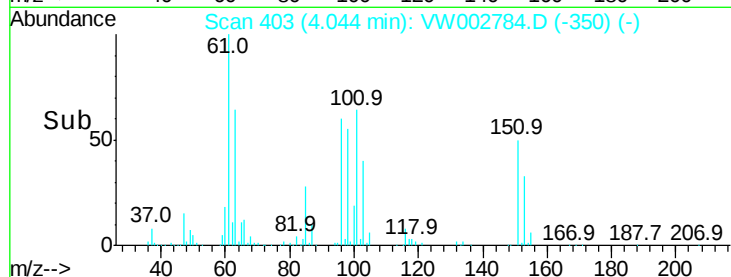
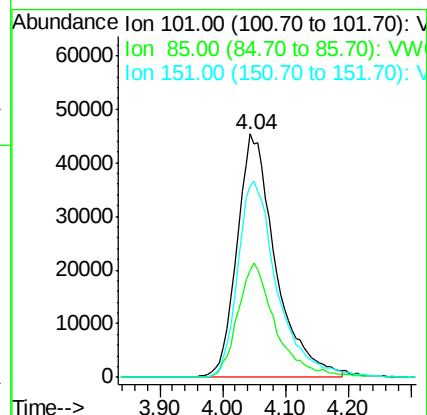
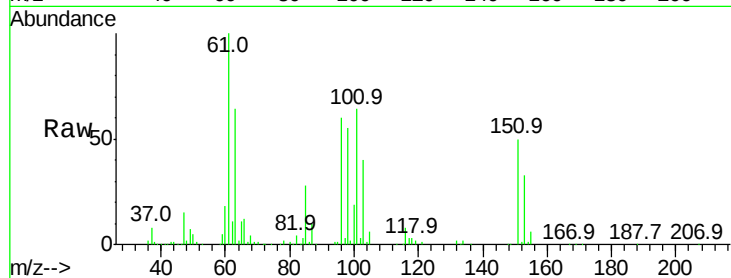
RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	101	Resp:	193209
Ion	Ratio	Lower	Upper
101	100		
85	44.5	33.8	50.8
151	82.2	65.8	98.6



#12

1,1-Dichloroethene

Concen: 50.22 ug/L

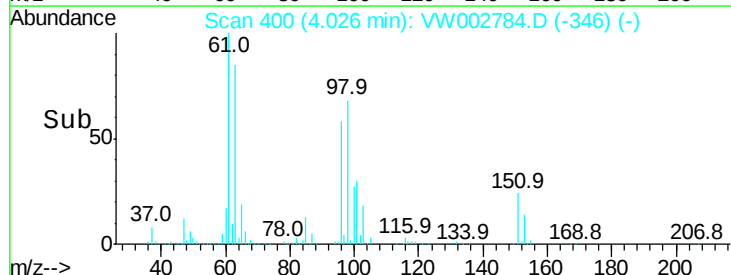
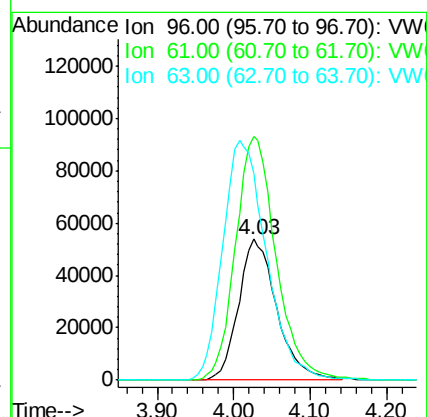
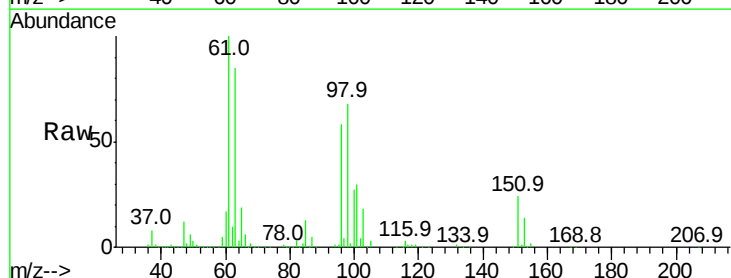
RT: 4.03 min Scan# 400

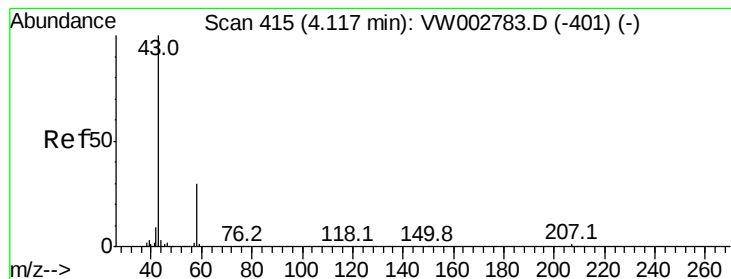
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	96	Resp:	187010
Ion	Ratio	Lower	Upper
96	100		
61	172.6	119.9	222.7
63	146.2	100.7	187.1





#13

Acetone

Concen: 89.40 ug/L

RT: 4.12 min Scan# 415

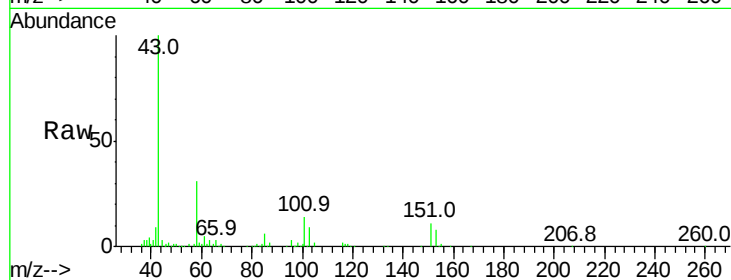
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion: 43 Resp: 143921

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	60.6

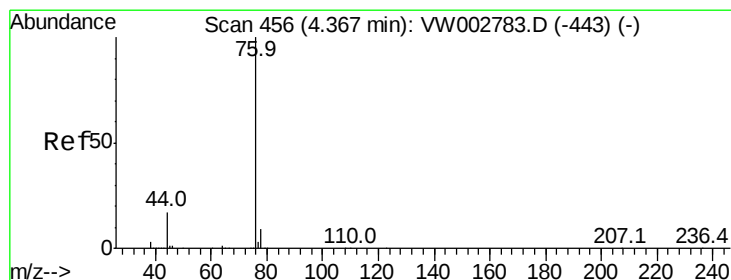
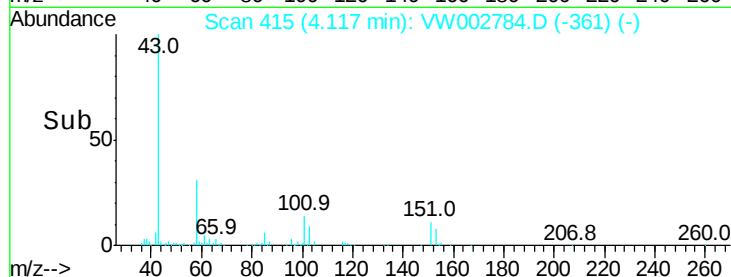


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->



#14

Carbon disulfide

Concen: 58.35 ug/L

RT: 4.37 min Scan# 456

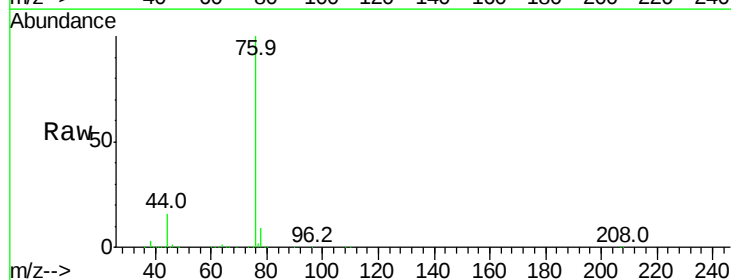
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion: 76 Resp: 577669

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

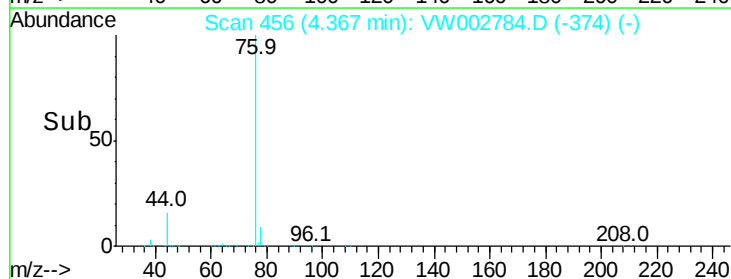


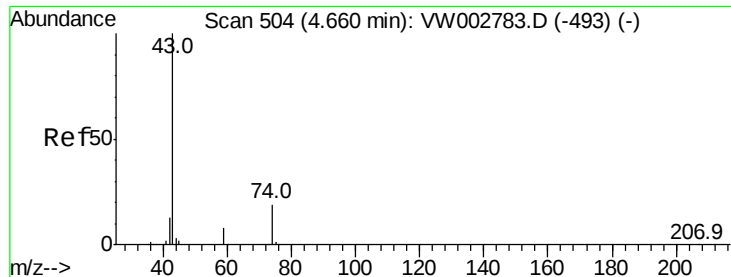
Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.37

Time-->





#15

Methyl Acetate

Concen: 54.90 ug/L

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW002784.D

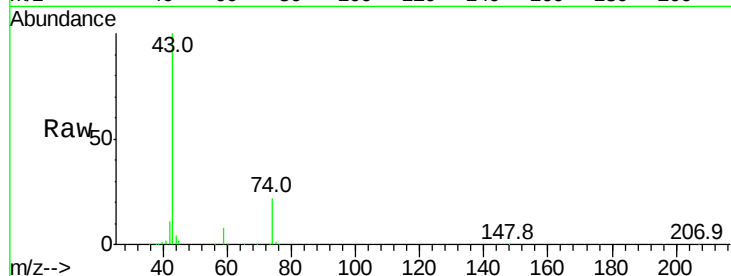
Acq: 22 May 2018 11:07

Tgt Ion: 43 Resp: 135994

Ion Ratio Lower Upper

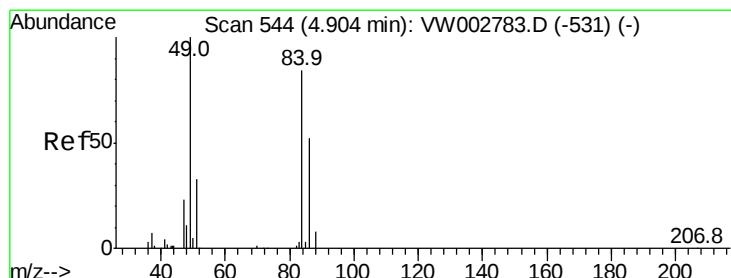
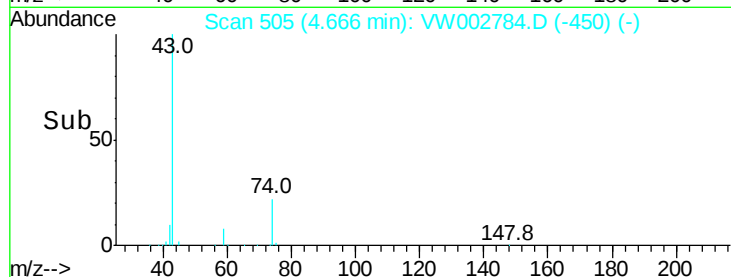
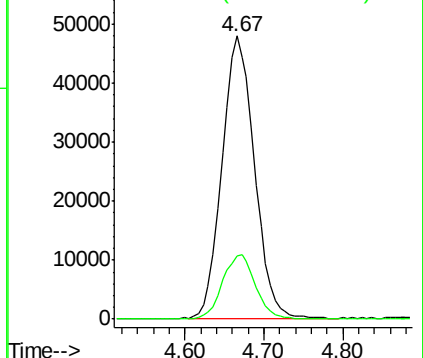
43 100

74 23.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 46.81 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

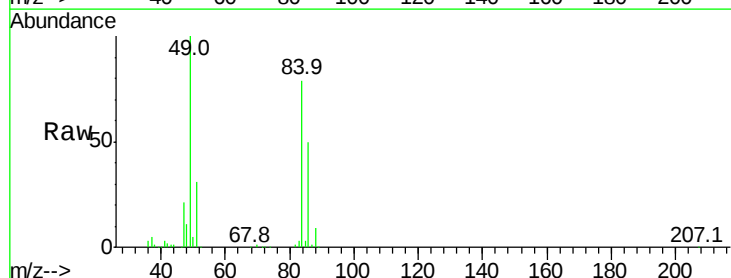
Tgt Ion: 84 Resp: 192192

Ion Ratio Lower Upper

84 100

49 126.8 83.0 154.1

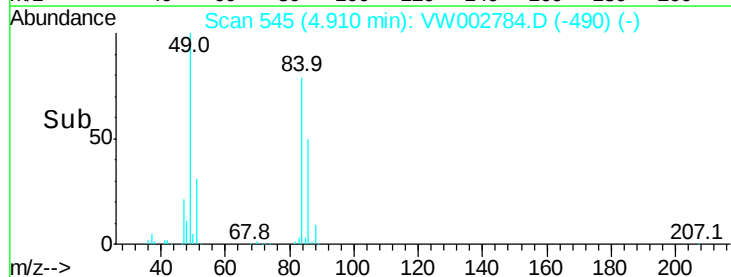
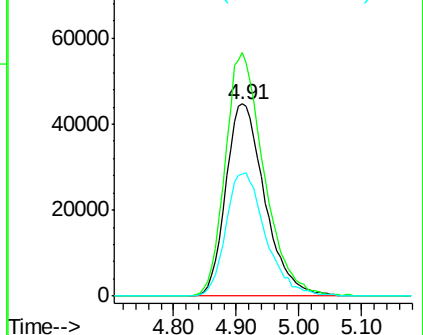
86 63.5 43.3 80.3

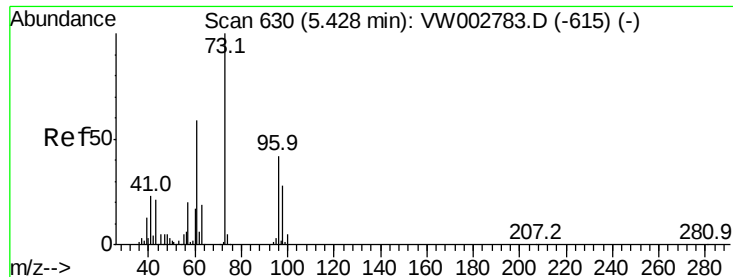


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

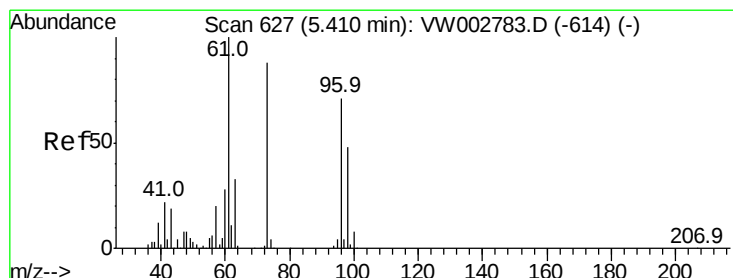
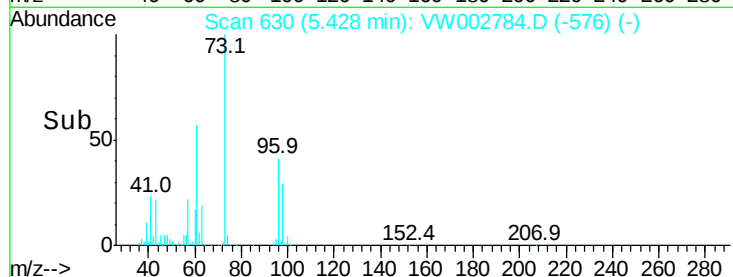
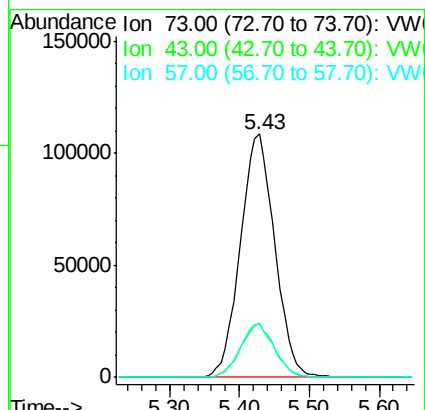
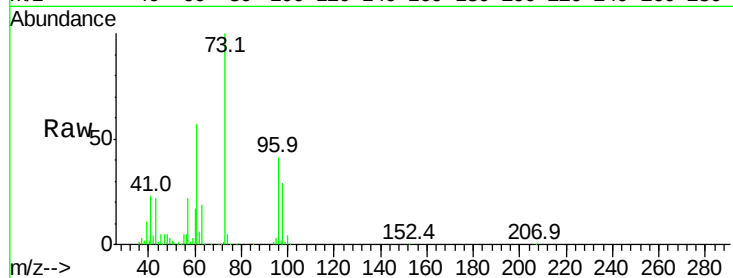
Ion 86.00 (85.70 to 86.70): VW





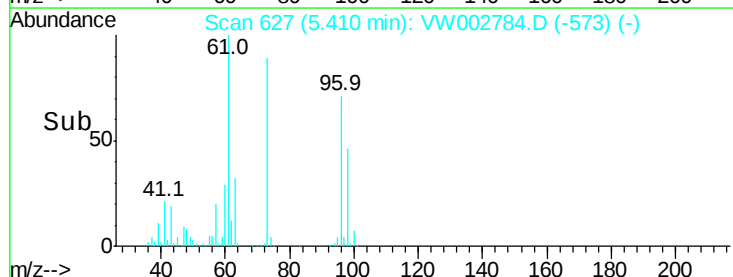
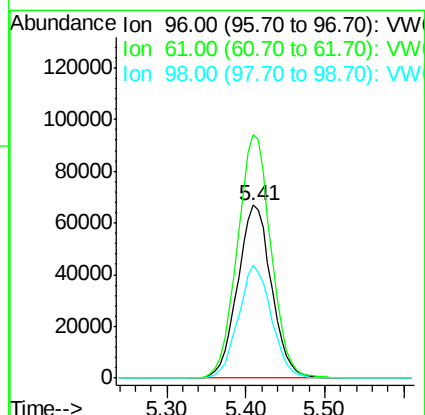
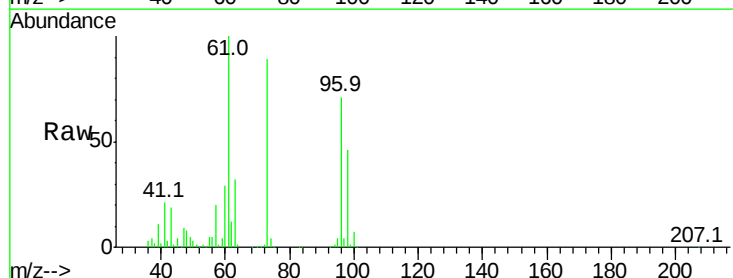
#17
Methyl tert-butyl Ether
Concen: 51.90 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

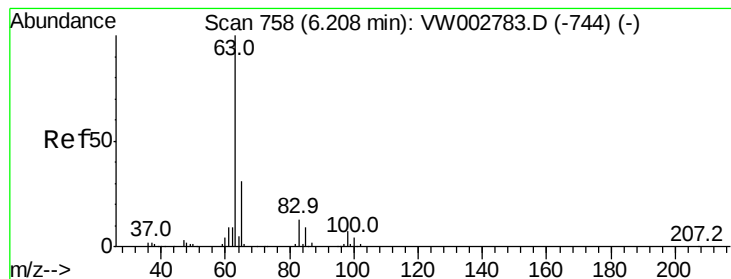
Tgt Ion:	73	Resp:	370315
Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.6	26.4
57	21.8	17.4	26.0



#18
trans-1,2-Dichloroethene
Concen: 51.77 ug/L
RT: 5.41 min Scan# 627
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion:	96	Resp:	199629
Ion	Ratio	Lower	Upper
96	100		
61	140.6	97.9	181.9
98	65.1	46.5	86.5





#19

1,1-Dichloroethane

Concen: 49.67 ug/L

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

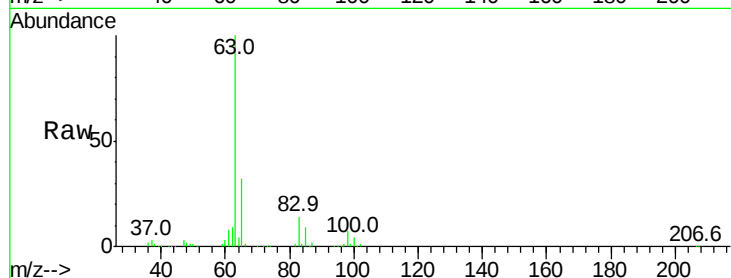
Tgt Ion: 63 Resp: 351239

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.4

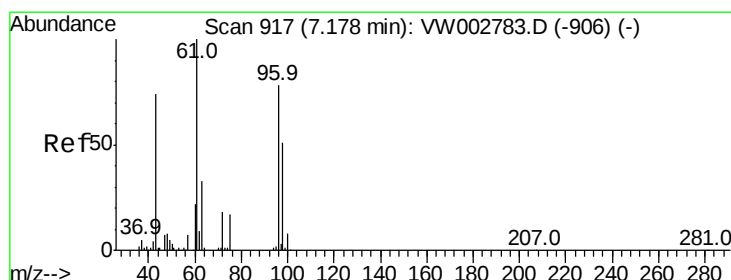
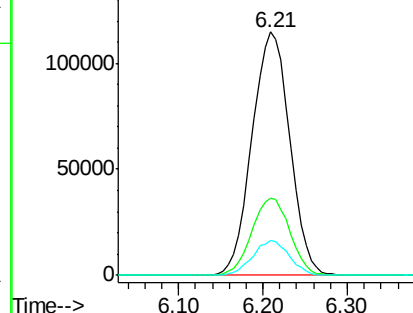
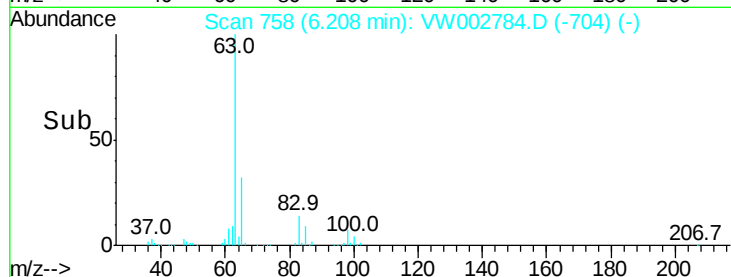
83 14.2 9.0 16.8



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 104.55 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW002784.D

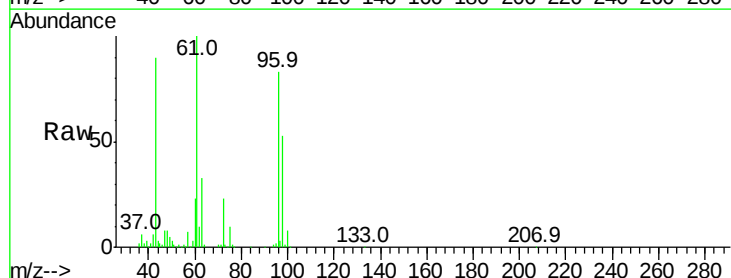
Acq: 22 May 2018 11:07

Tgt Ion: 43 Resp: 197973

Ion Ratio Lower Upper

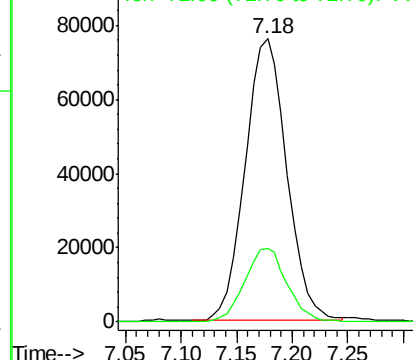
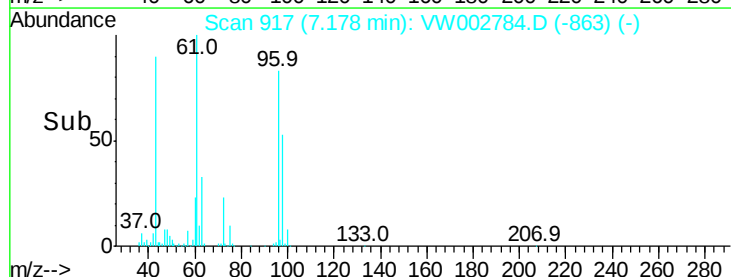
43 100

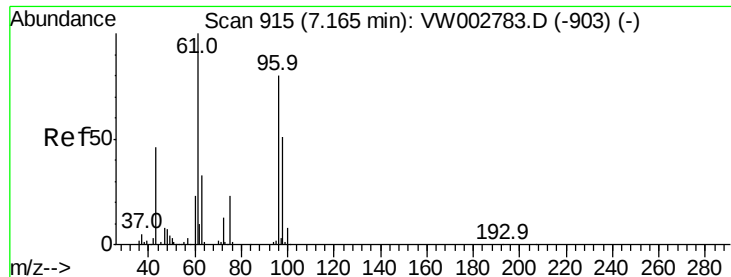
72 26.5 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

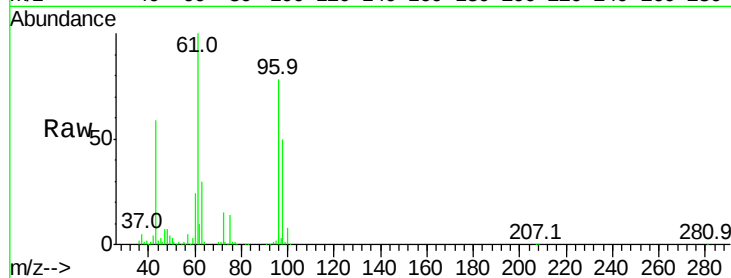




#22

cis-1,2-Dichloroethene
Concen: 50.91 ug/L
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.7	88.0	163.4
98	64.0	44.8	83.2

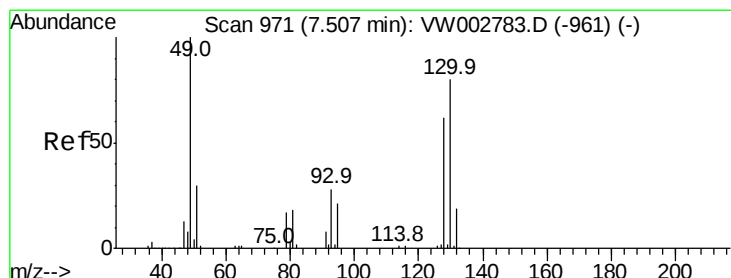
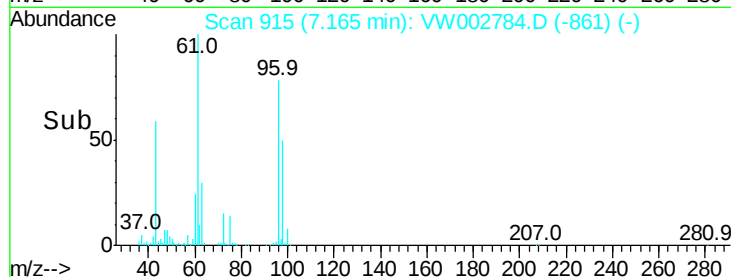
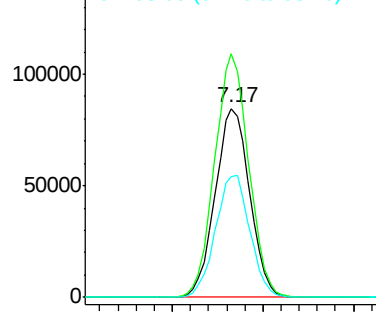


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

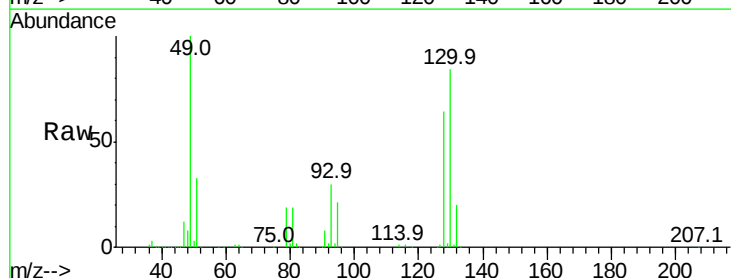
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 51.28 ug/L
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion	Ratio	Lower	Upper
128	100		
49	156.2	112.2	208.4
130	130.6	89.5	166.3
51	50.8	39.0	58.6



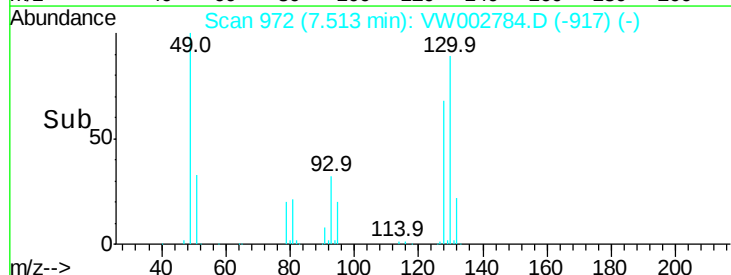
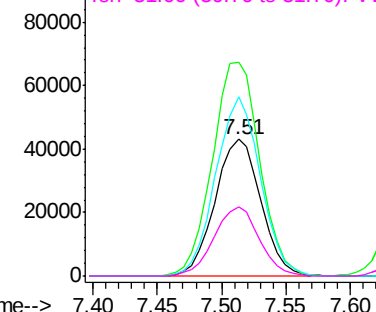
Abundance

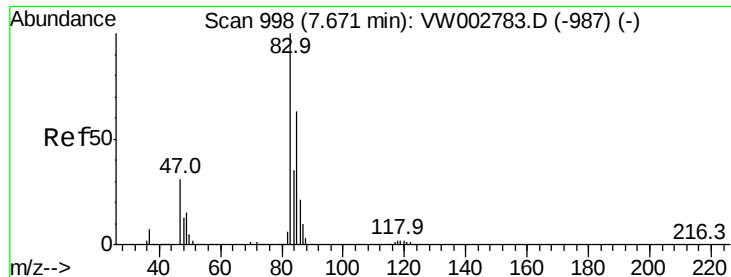
Ion 128.00 (127.70 to 128.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): VW

Ion 51.00 (50.70 to 51.70): VW





#25

Chloroform

Concen: 49.34 ug/L

RT: 7.68 min Scan# 999

Delta R.T. 0.01 min

Lab File: VW002784.D

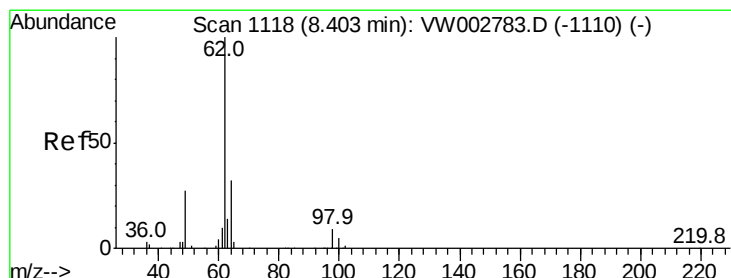
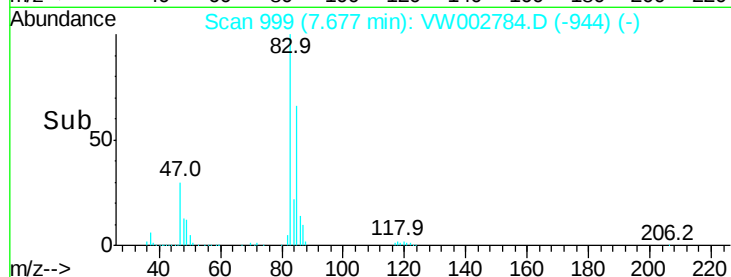
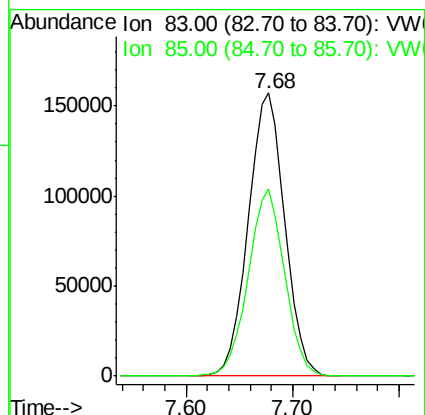
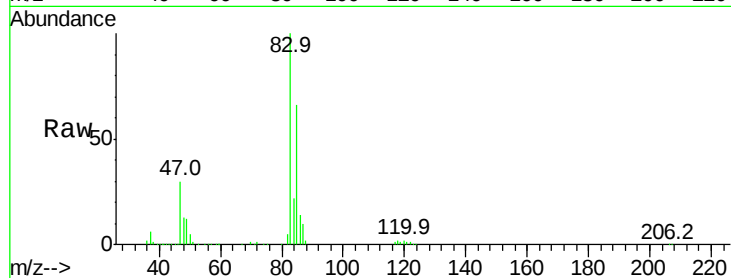
Acq: 22 May 2018 11:07

Tgt Ion: 83 Resp: 377564

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.77 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW002784.D

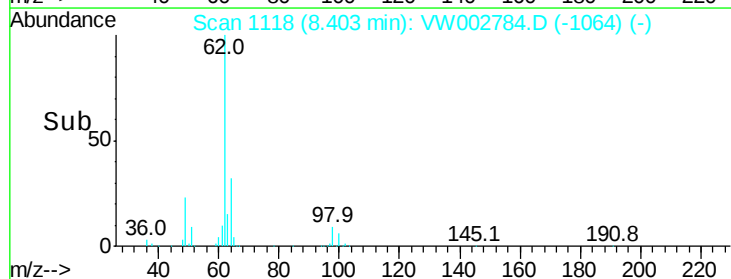
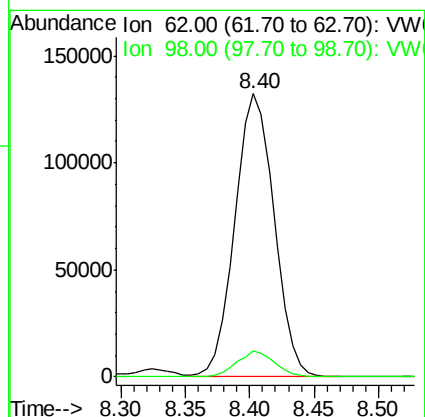
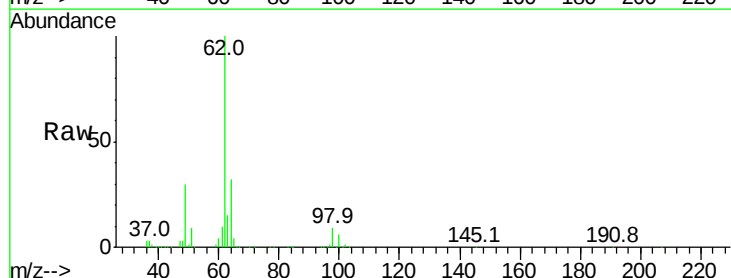
Acq: 22 May 2018 11:07

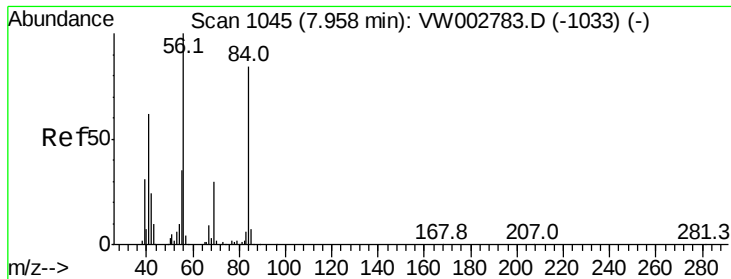
Tgt Ion: 62 Resp: 280265

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#30

Cyclohexane

Concen: 52.49 ug/L

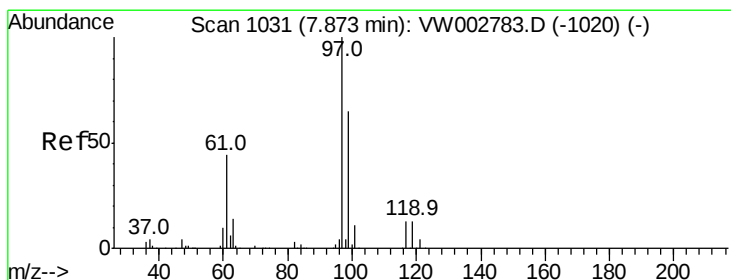
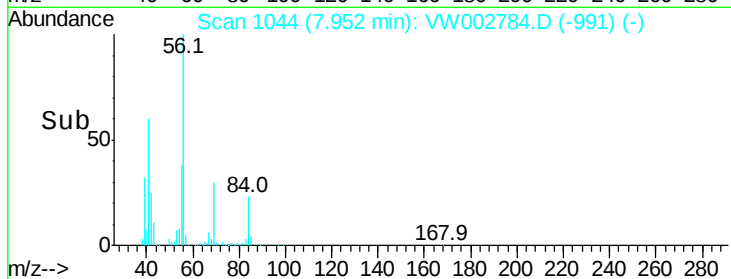
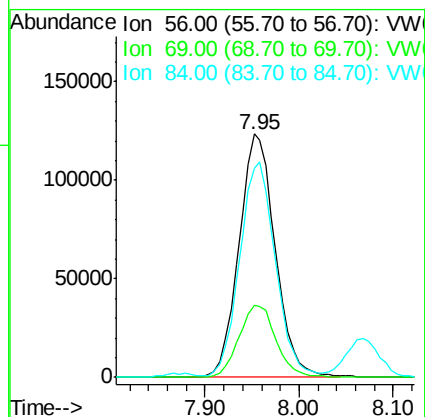
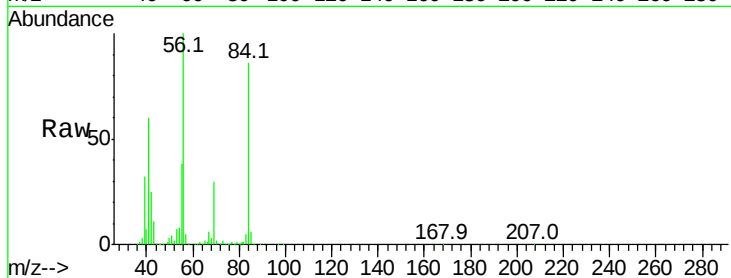
RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	56	Resp:	329503
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.4	36.6
84	88.1	69.9	104.9



#31

1,1,1-Trichloroethane

Concen: 46.18 ug/L

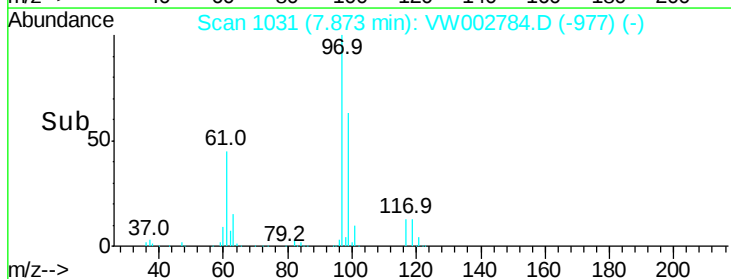
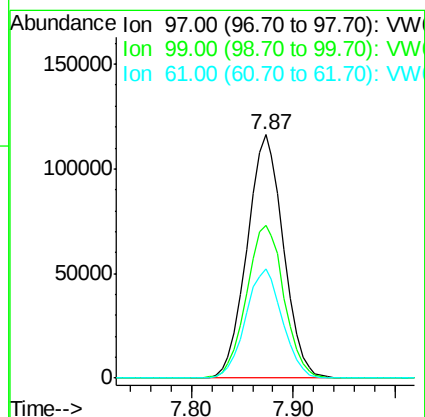
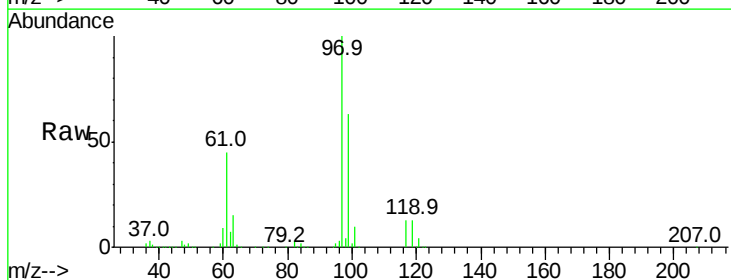
RT: 7.87 min Scan# 1031

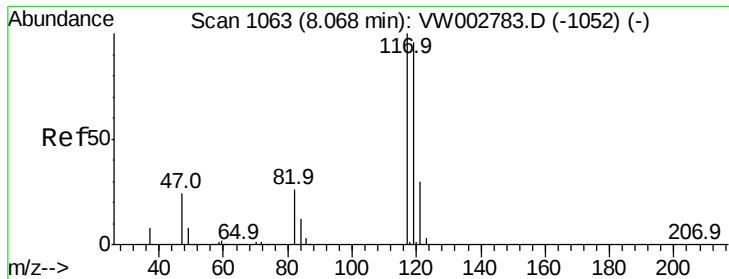
Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	97	Resp:	288042
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	45.4	36.6	55.0





#32

Carbon tetrachloride

Concen: 48.94 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW002784.D

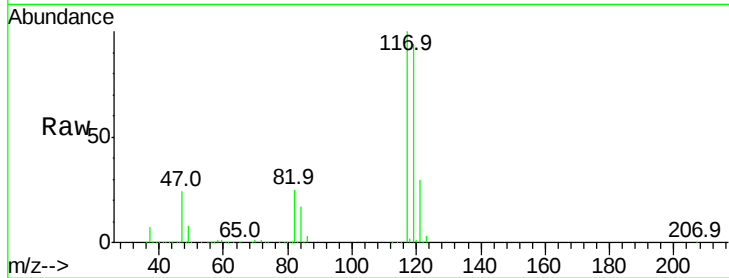
Acq: 22 May 2018 11:07

Tgt Ion: 117 Resp: 295683

Ion Ratio Lower Upper

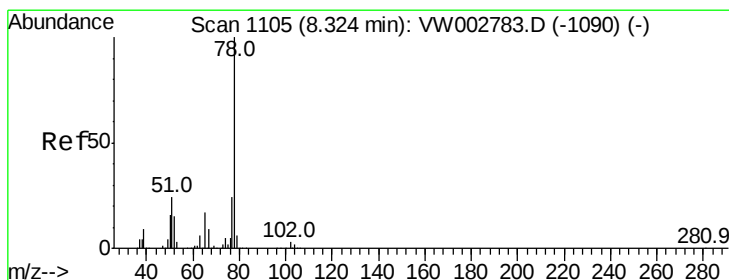
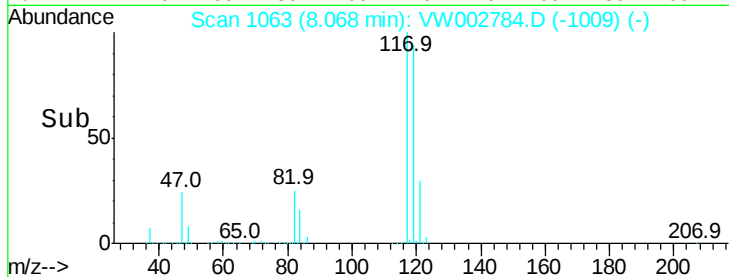
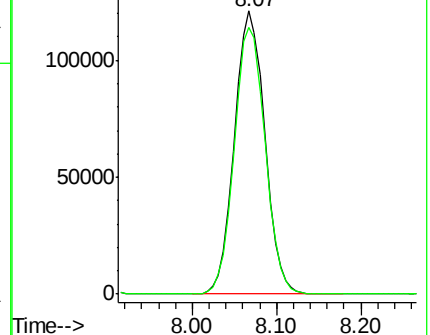
117 100

119 95.8 76.0 114.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 50.60 ug/L

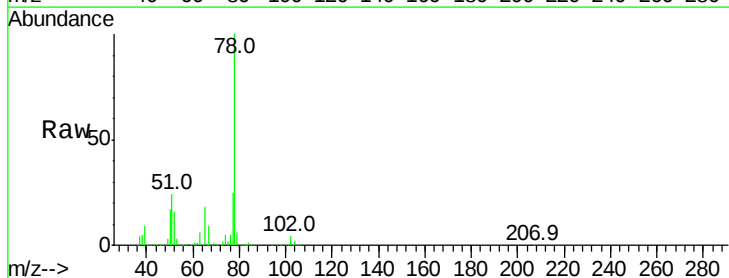
RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

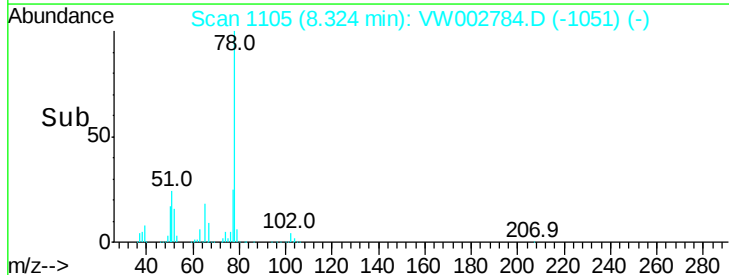
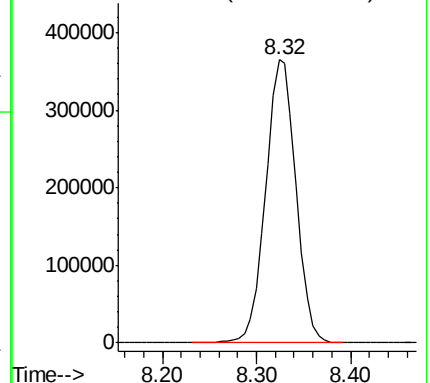
Lab File: VW002784.D

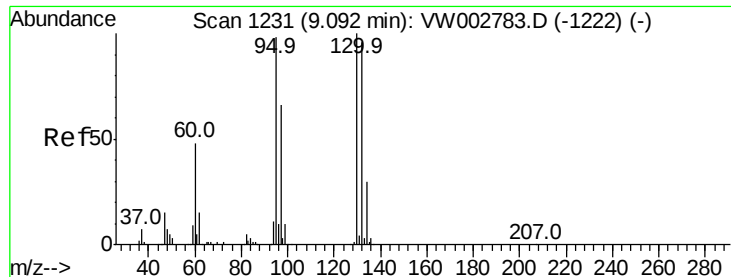
Acq: 22 May 2018 11:07

Tgt Ion: 78 Resp: 822850



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 49.66 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion: 95 Resp: 220098

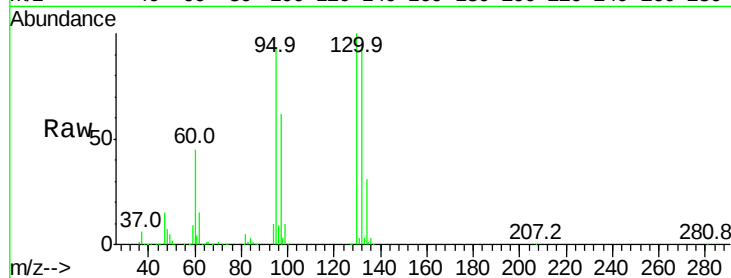
Ion Ratio Lower Upper

95 100

97 64.6 45.4 84.2

132 99.8 69.7 129.5

130 103.5 73.4 136.2

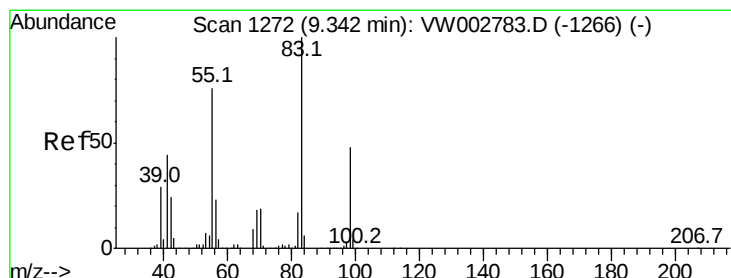
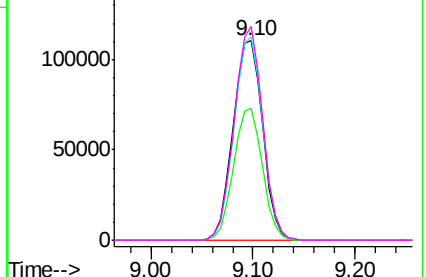
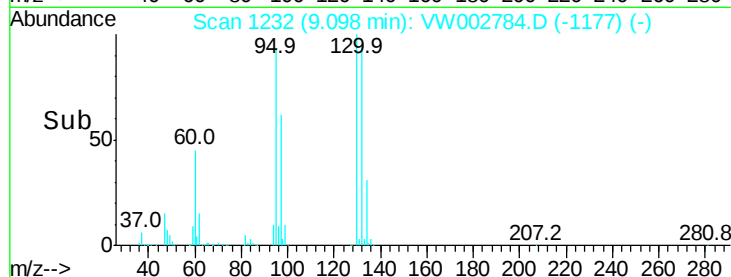


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 52.81 ug/L

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

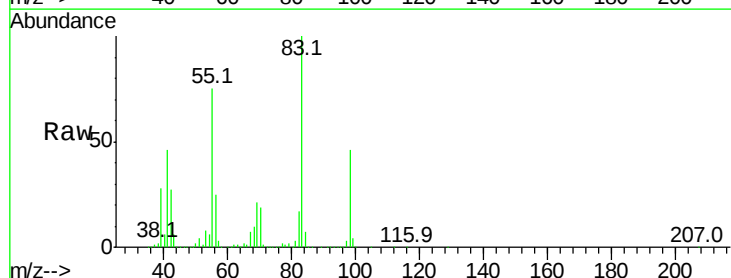
Tgt Ion: 83 Resp: 381428

Ion Ratio Lower Upper

83 100

55 76.1 61.1 91.7

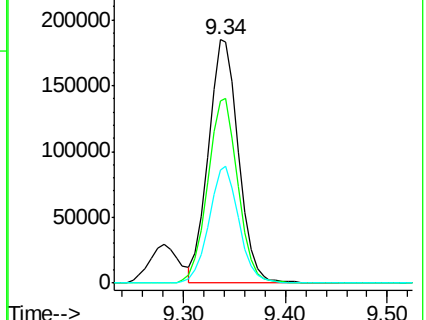
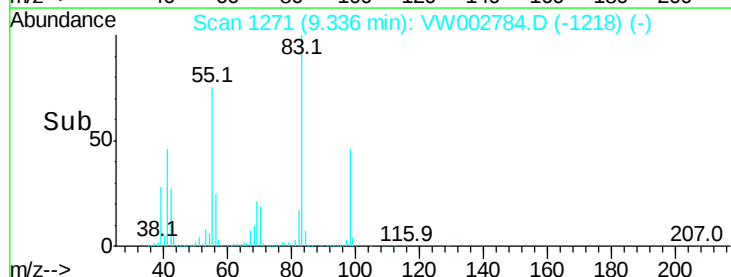
98 47.6 38.8 58.2

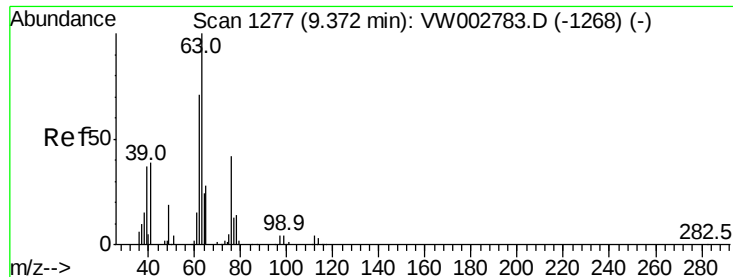


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 49.34 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002784.D

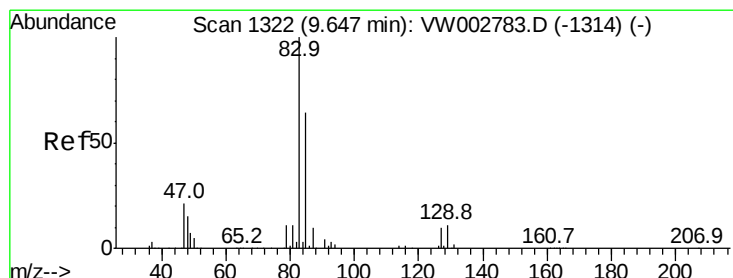
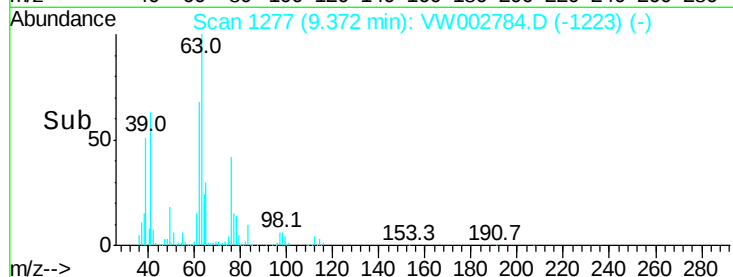
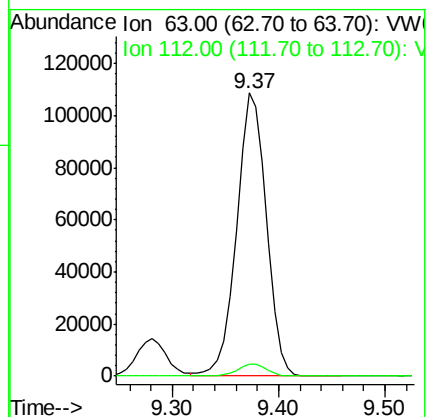
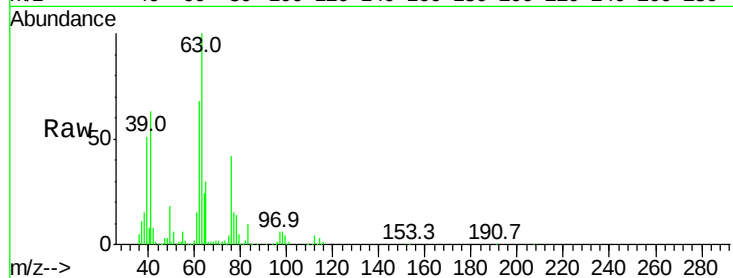
Acq: 22 May 2018 11:07

Tgt Ion: 63 Resp: 213350

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#41

Bromodichloromethane

Concen: 50.77 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

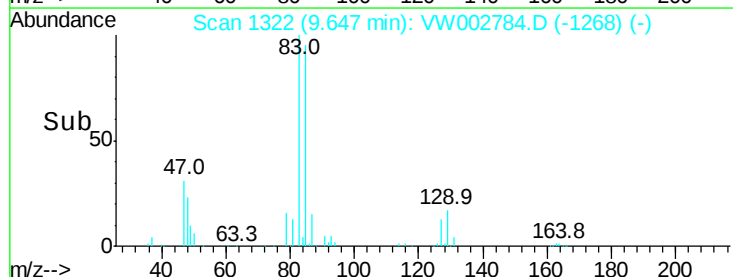
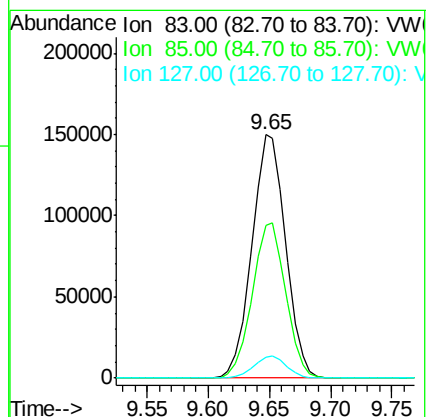
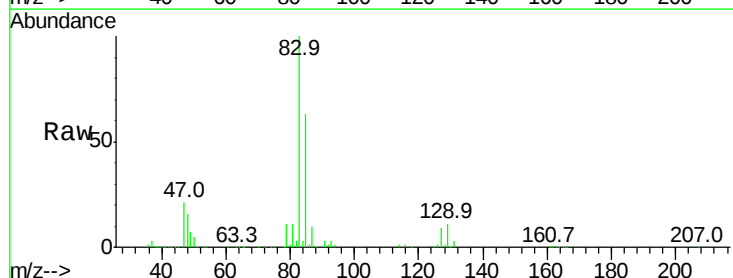
Tgt Ion: 83 Resp: 287150

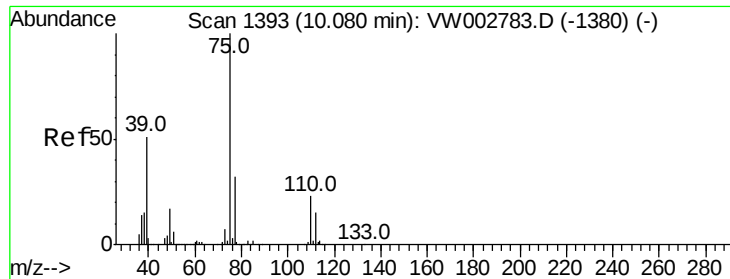
Ion Ratio Lower Upper

83 100

85 62.8 44.5 82.7

127 8.8 7.8 11.6





#42

cis-1,3-Dichloropropene

Concen: 51.61 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002784.D

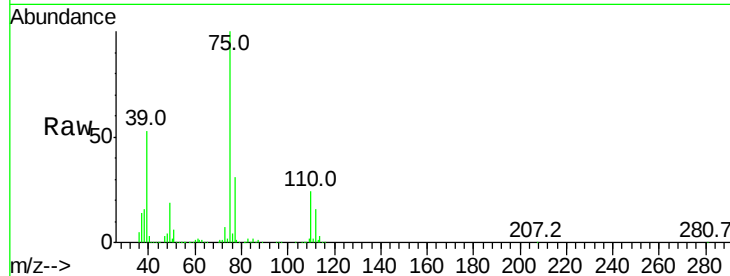
Acq: 22 May 2018 11:07

Tgt Ion: 75 Resp: 345881

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.08

200000

150000

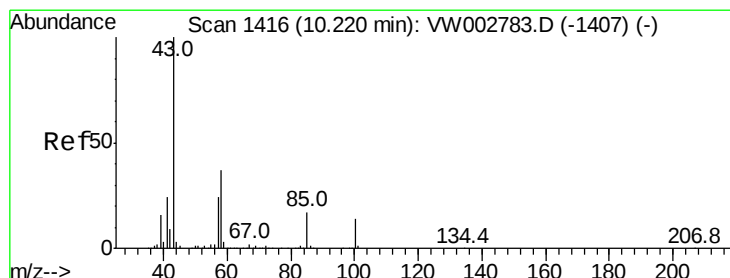
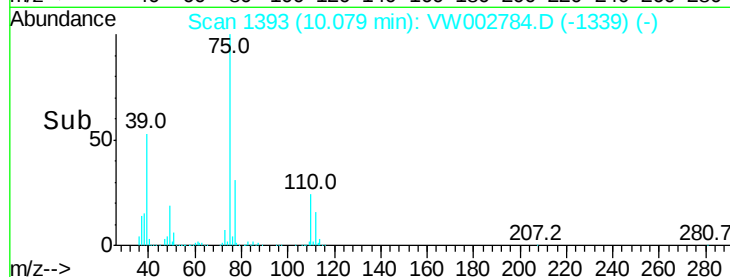
100000

50000

0

Time-->

10.00 10.10



#43

4-Methyl-2-pentanone

Concen: 111.02 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

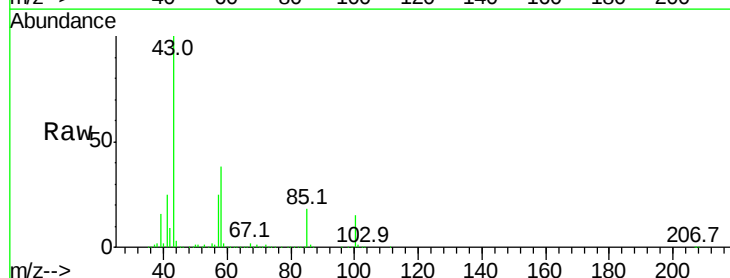
Tgt Ion: 43 Resp: 406022

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5

100 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

300000

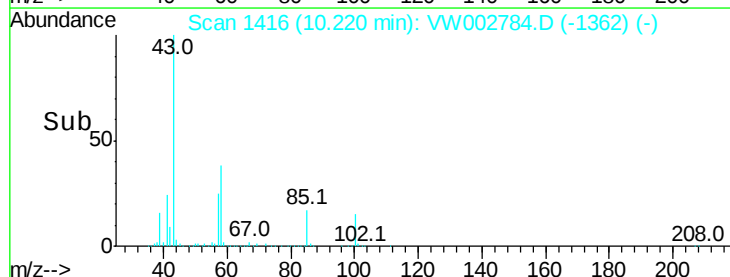
200000

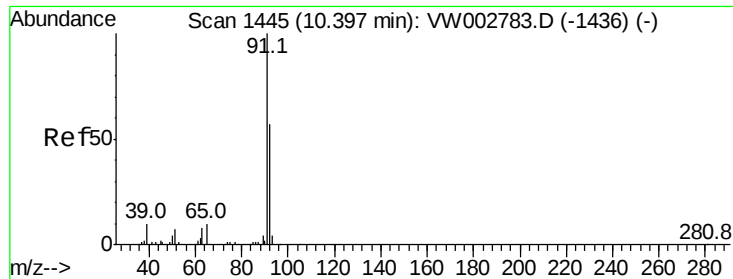
100000

0

Time-->

10.10 10.20 10.30





#44

Toluene

Concen: 50.34 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002784.D

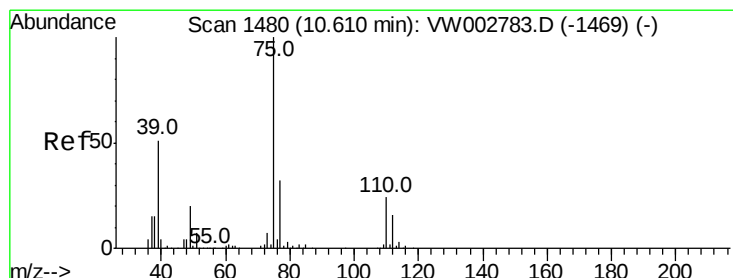
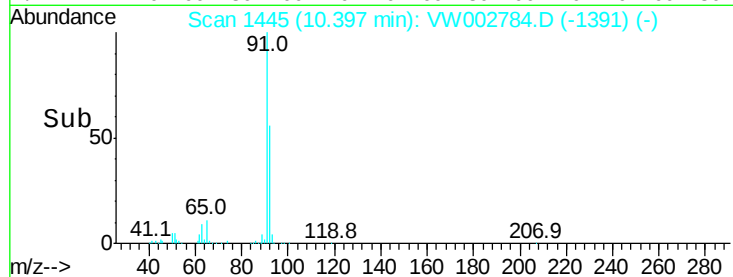
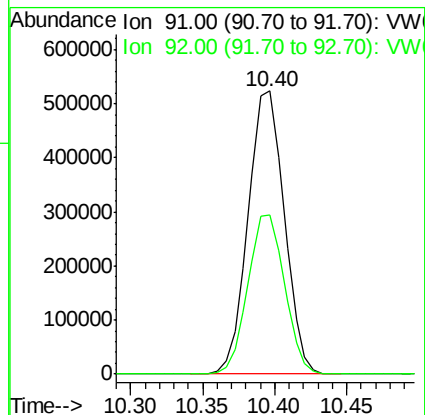
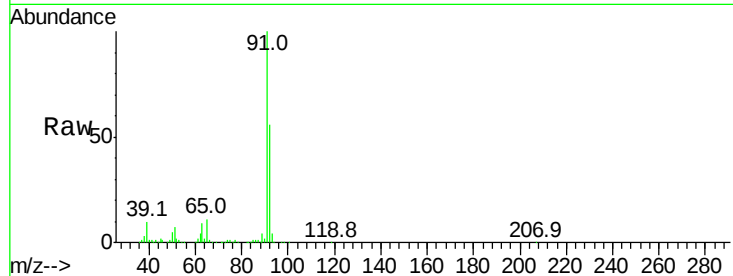
Acq: 22 May 2018 11:07

Tgt Ion: 91 Resp: 910051

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.4



#45

trans-1,3-Dichloropropene

Concen: 53.09 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002784.D

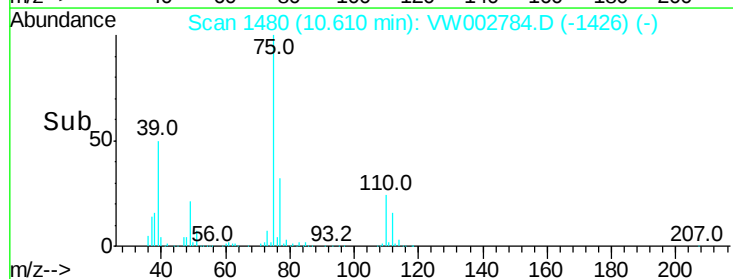
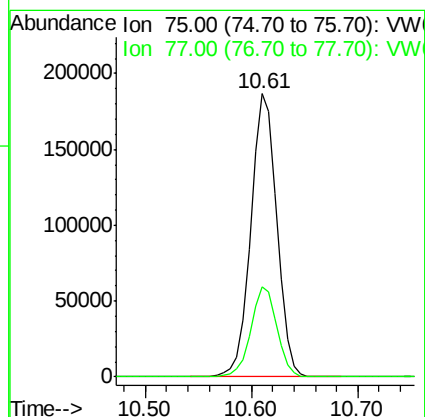
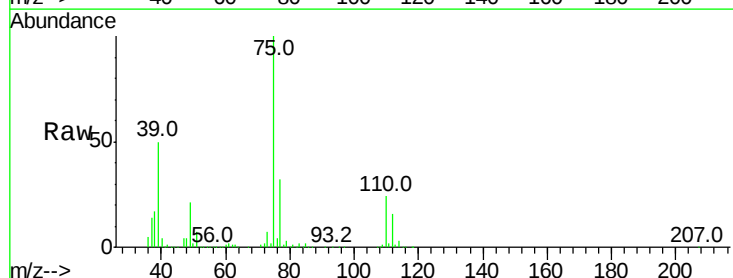
Acq: 22 May 2018 11:07

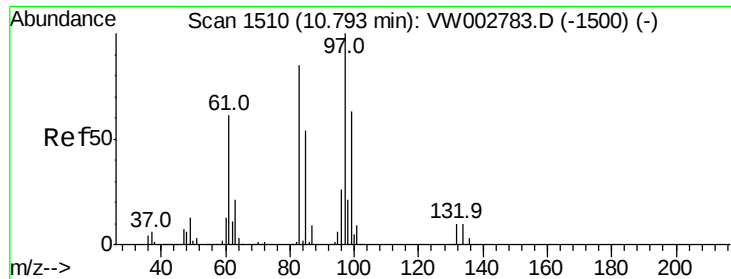
Tgt Ion: 75 Resp: 320209

Ion Ratio Lower Upper

75 100

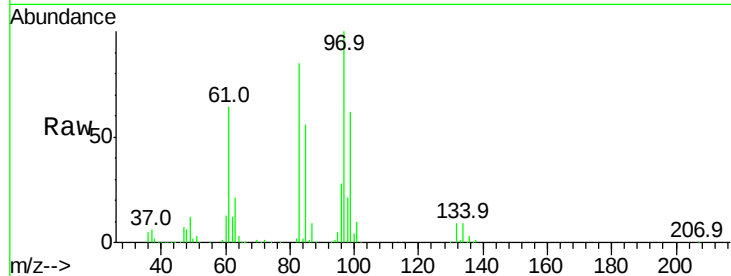
77 31.9 22.3 41.3





#46
 1,1,2-Trichloroethane
 Concen: 49.85 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

Tgt Ion:	97	Resp:	179159
Ion	Ratio	Lower	Upper
97	100		
83	84.8	59.5	110.5
85	55.8	37.7	69.9
99	62.1	44.1	81.9

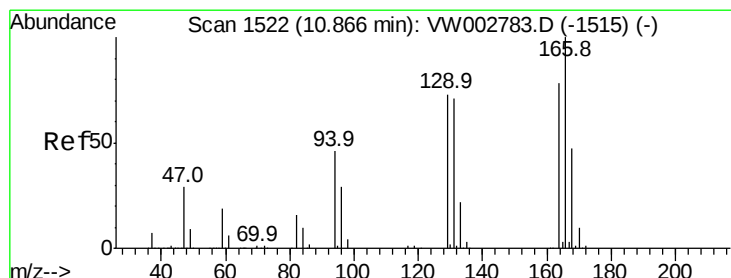
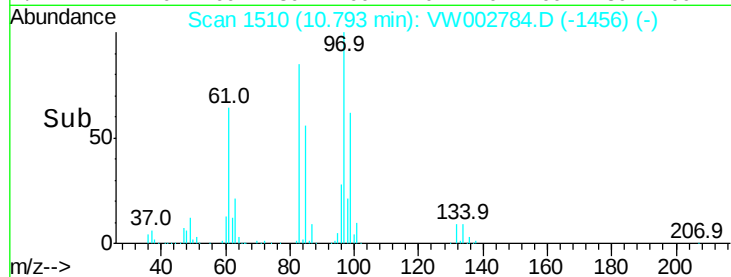
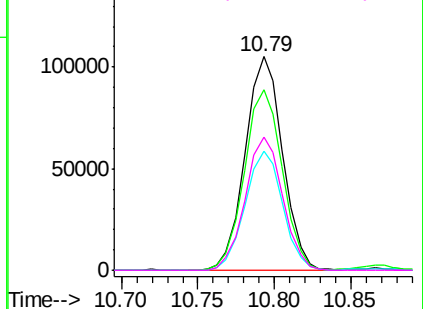


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

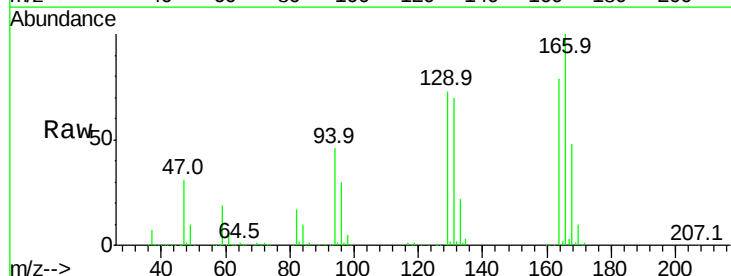
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 50.61 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

Tgt Ion:	164	Resp:	193717
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.9	122.3
131	88.7	63.5	117.9
166	127.4	90.0	167.2

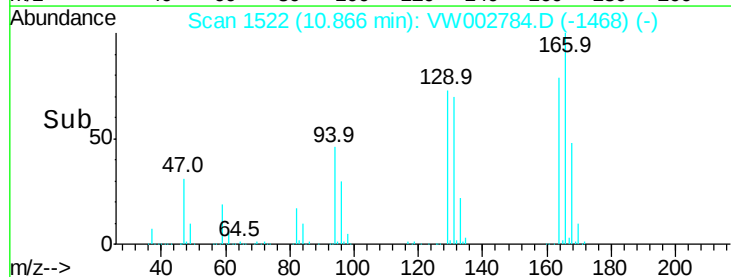
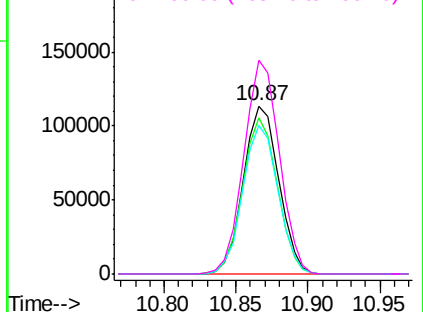


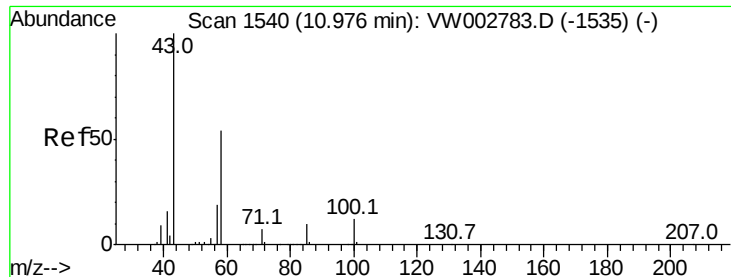
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

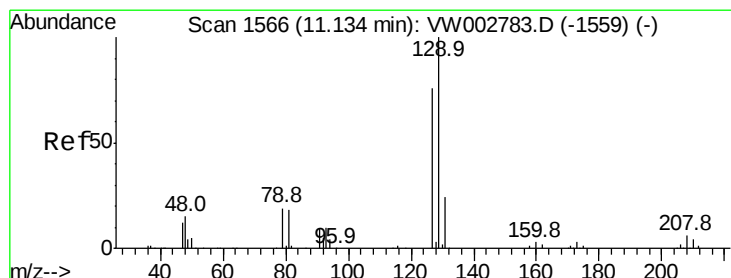
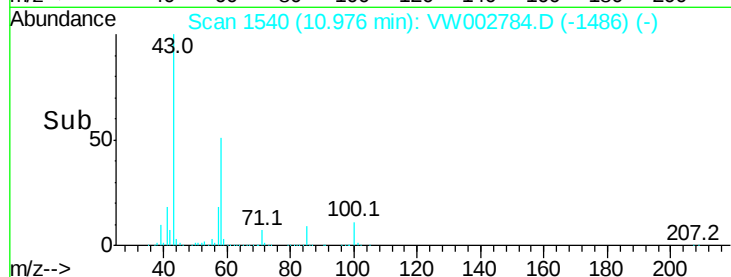
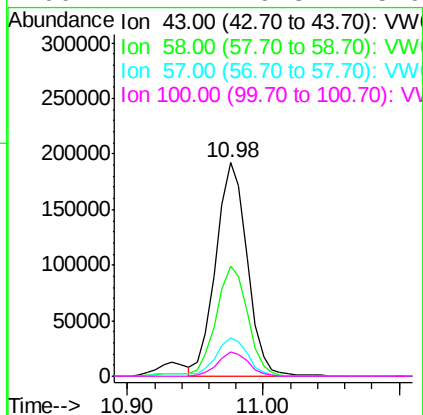
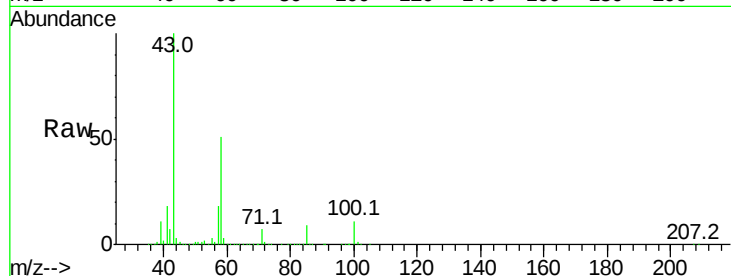
Ion 166.00 (165.70 to 166.70): V





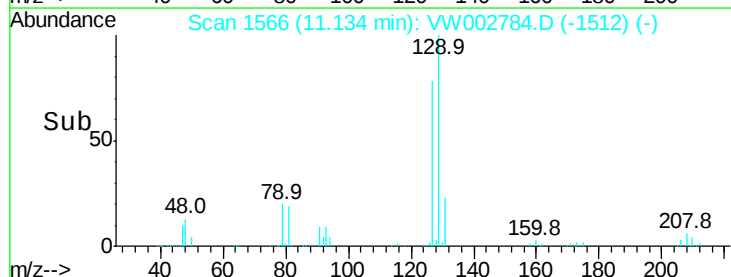
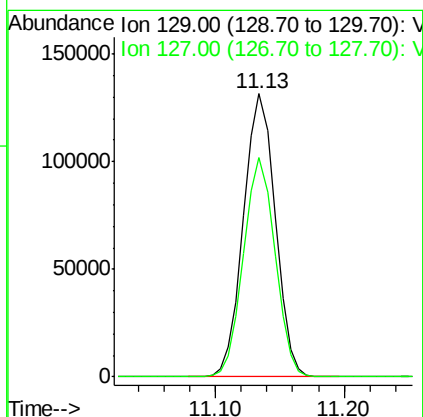
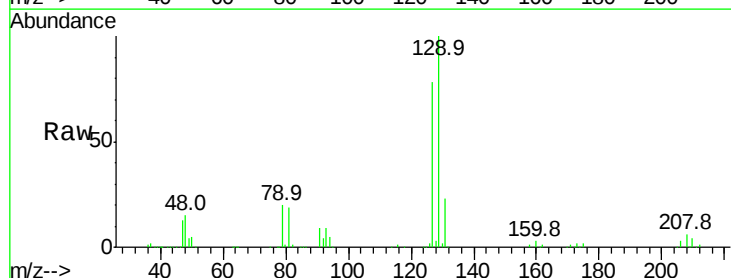
#49
2-Hexanone
Concen: 113.63 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

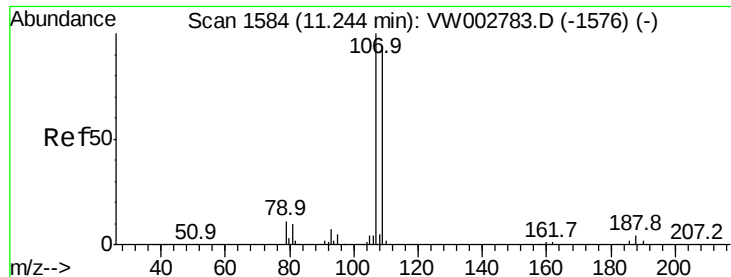
Tgt Ion:	43	Resp:	308148
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.2	61.8
57	18.2	14.8	22.2
100	11.2	9.3	13.9



#50
Dibromochloromethane
Concen: 51.83 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

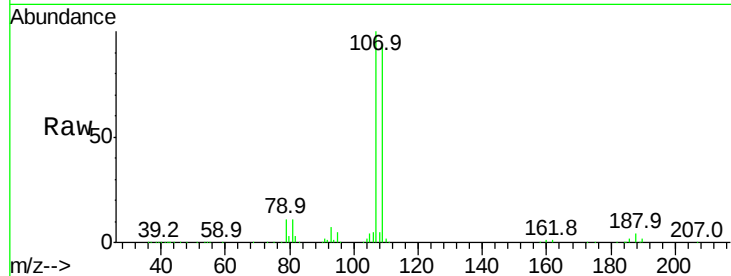
Tgt Ion:	129	Resp:	224429
Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.0	98.4



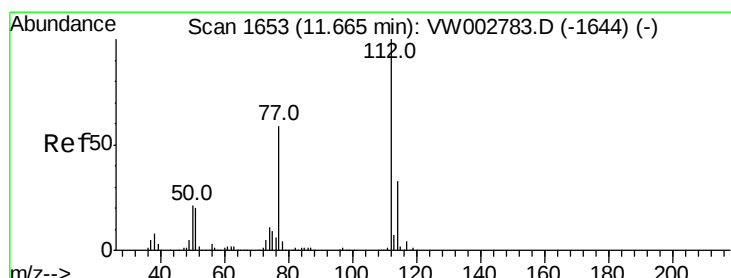
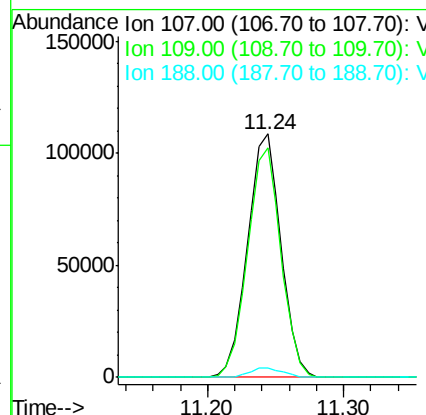
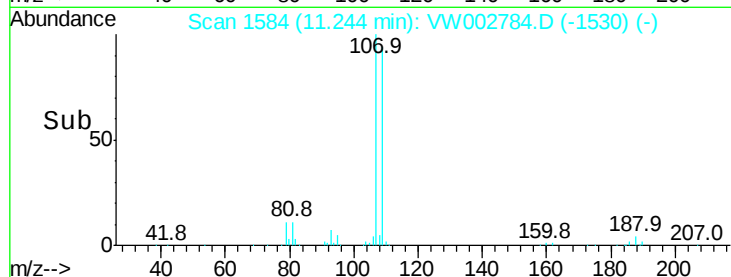


#51
1,2-Dibromoethane
Concen: 53.34 ug/L
RT: 11.24 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	186576		
109	94.2	65.6	121.8	
188	3.9	3.1	4.7	

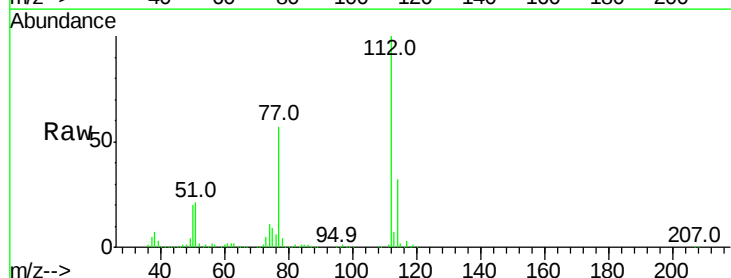


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

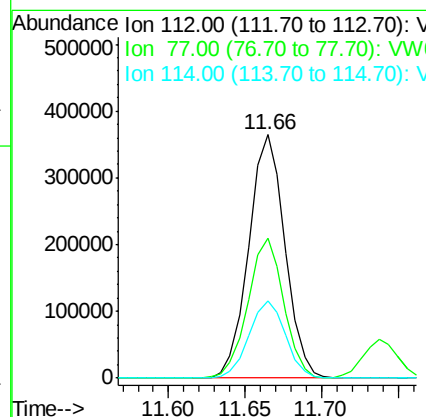
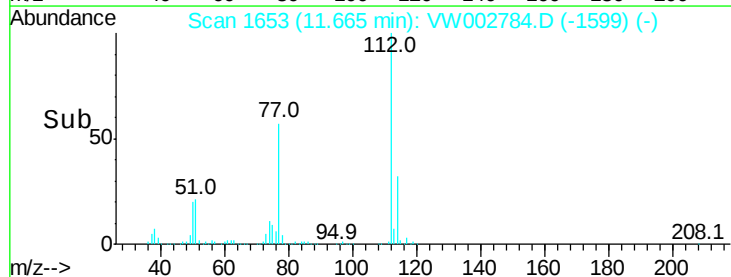


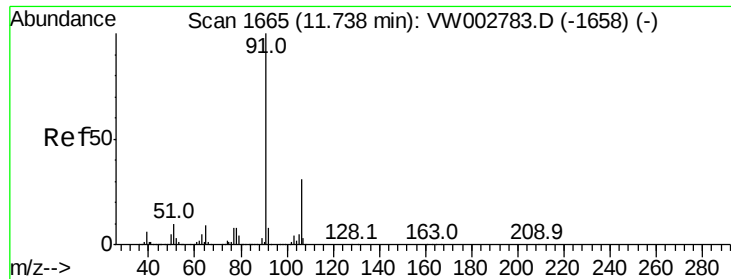
#52
Chlorobenzene
Concen: 49.48 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	598293		
77	57.2	47.0	70.4	
114	31.8	23.2	43.0	



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 50.71 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002784.D

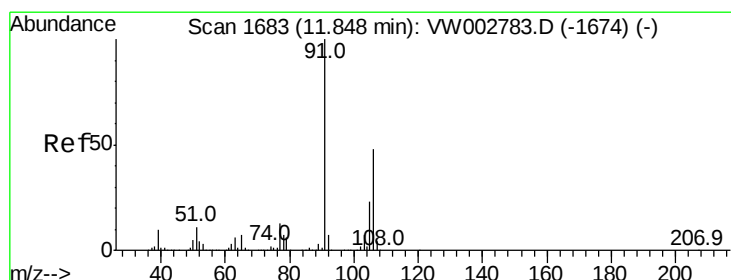
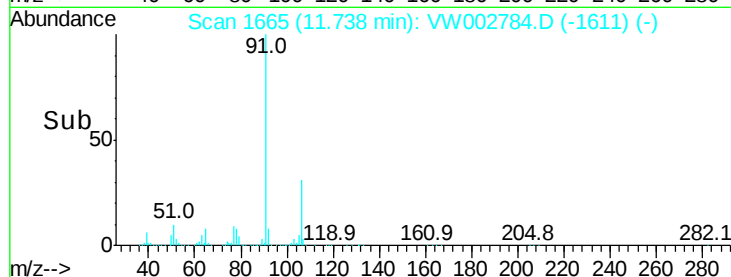
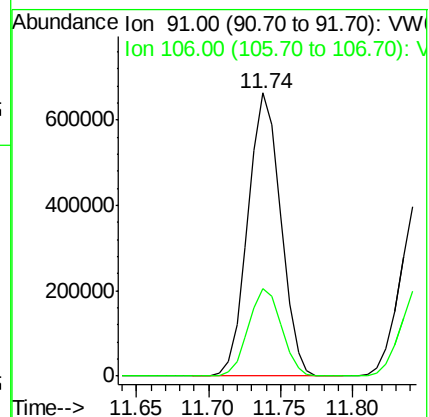
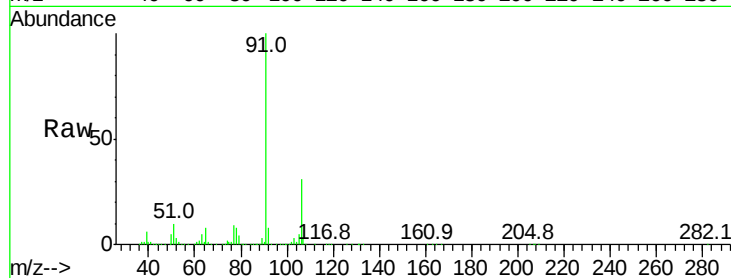
Acq: 22 May 2018 11:07

Tgt Ion: 91 Resp: 1047081

Ion Ratio Lower Upper

91 100

106 30.7 21.8 40.6



#54

m,p-Xylene

Concen: 51.25 ug/L

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW002784.D

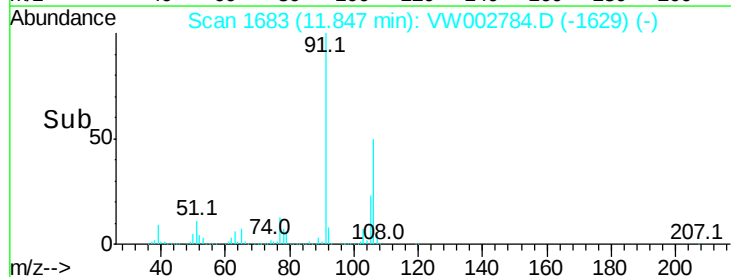
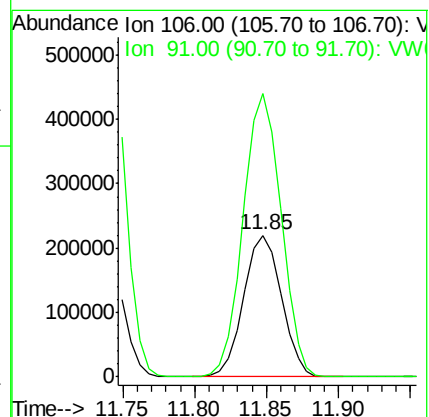
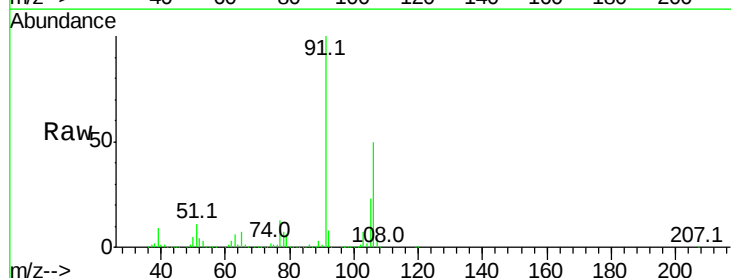
Acq: 22 May 2018 11:07

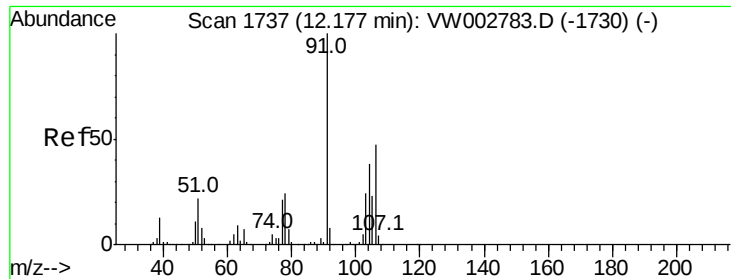
Tgt Ion: 106 Resp: 400724

Ion Ratio Lower Upper

106 100

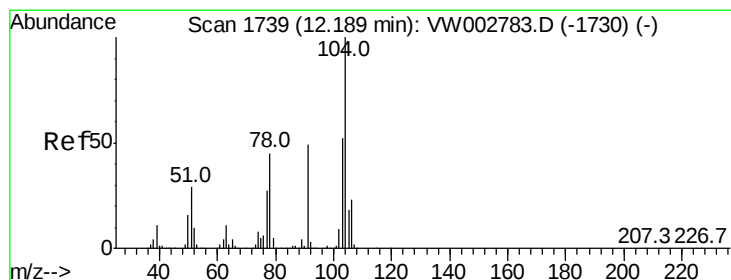
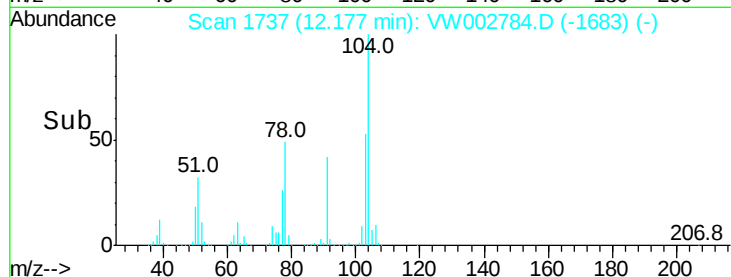
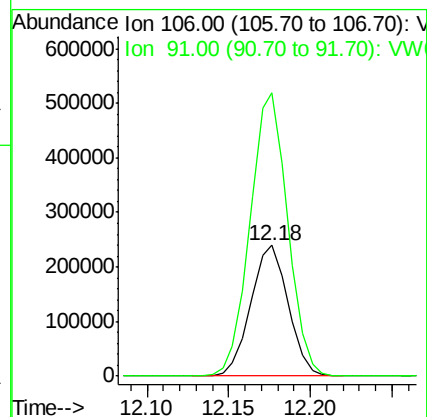
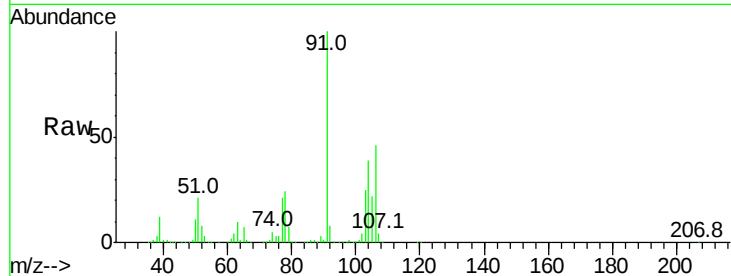
91 199.7 144.5 268.3





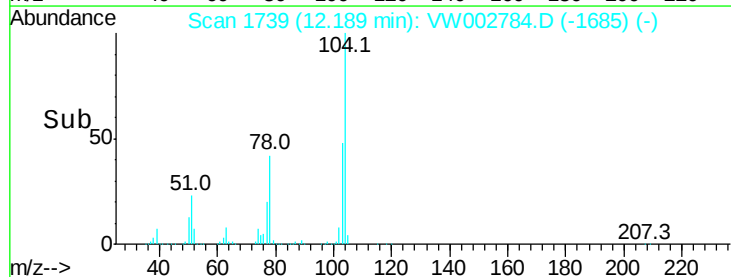
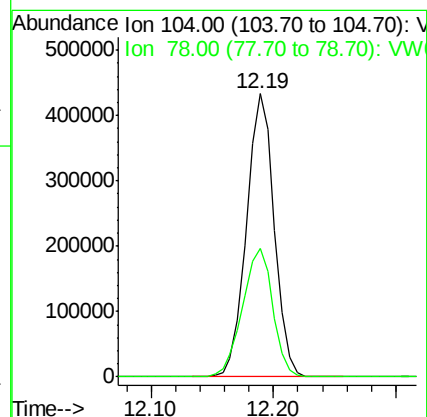
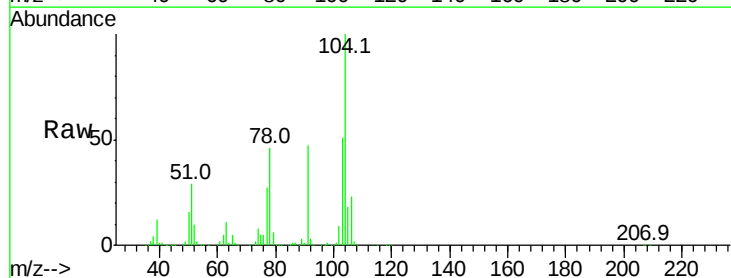
#55
o-xylene
Concen: 50.37 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

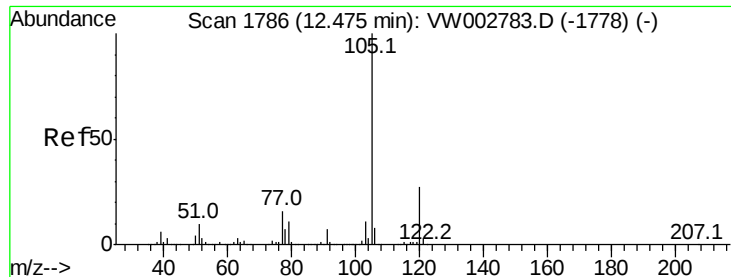
Tgt Ion:106 Resp: 383597
Ion Ratio Lower Upper
106 100
91 216.6 150.1 278.9



#56
Styrene
Concen: 52.20 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002784.D
Acq: 22 May 2018 11:07

Tgt Ion:104 Resp: 679930
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.4





#57

Isopropylbenzene

Concen: 49.62 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

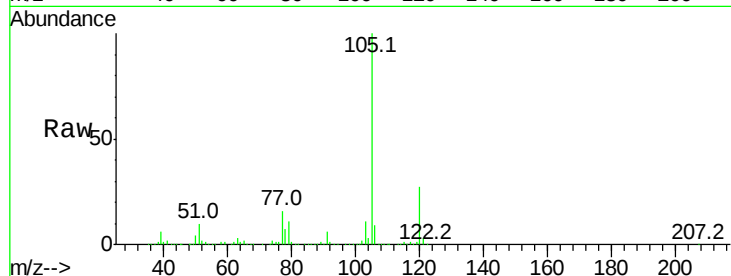
Tgt Ion: 105 Resp: 1045371

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

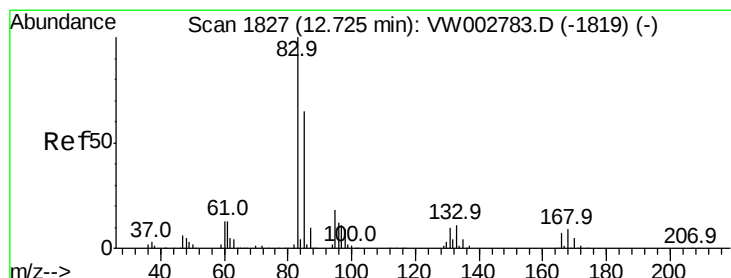
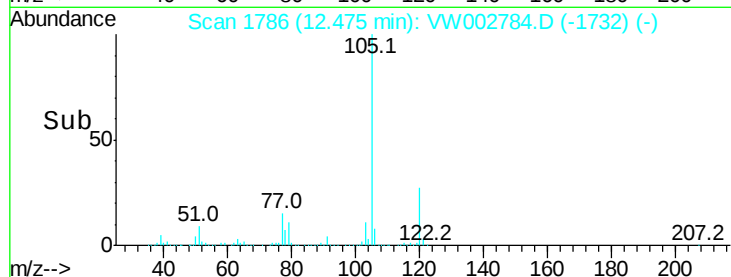
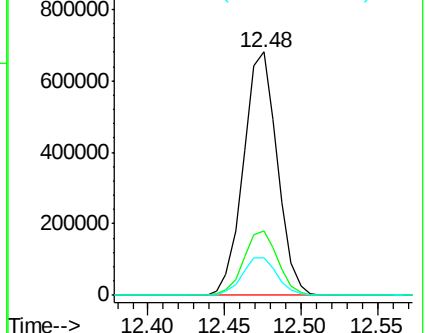
77 16.0 12.6 19.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 51.77 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

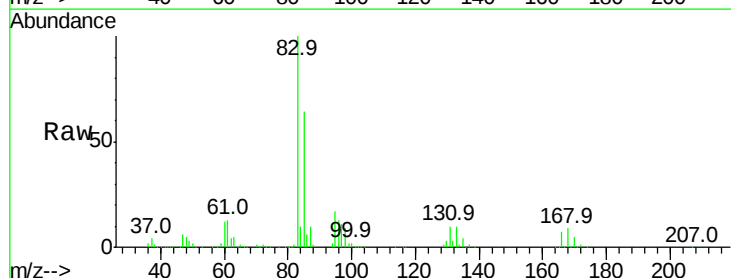
Tgt Ion: 83 Resp: 255509

Ion Ratio Lower Upper

83 100

85 64.4 45.9 85.3

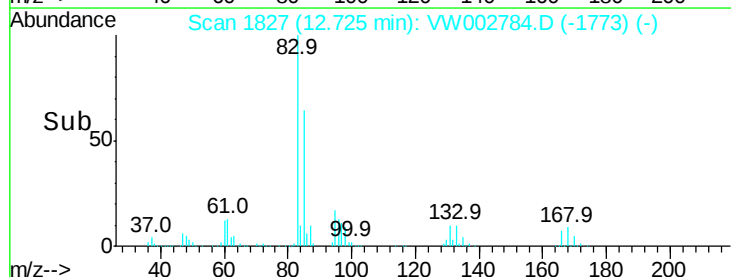
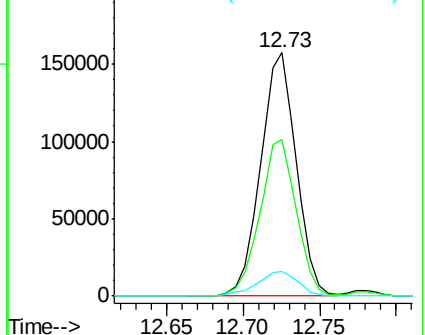
131 10.0 8.2 12.4

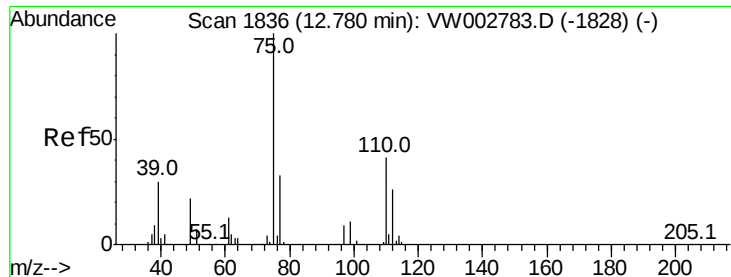


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

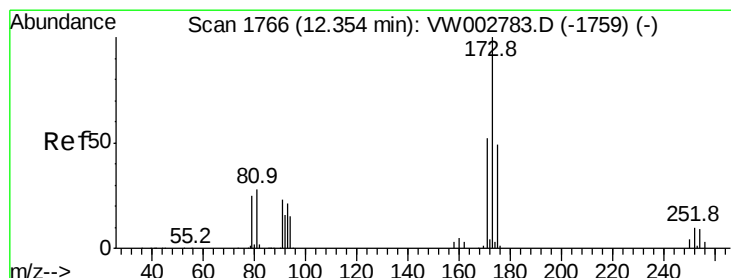
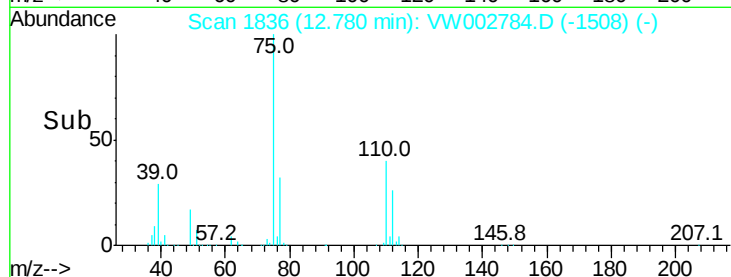
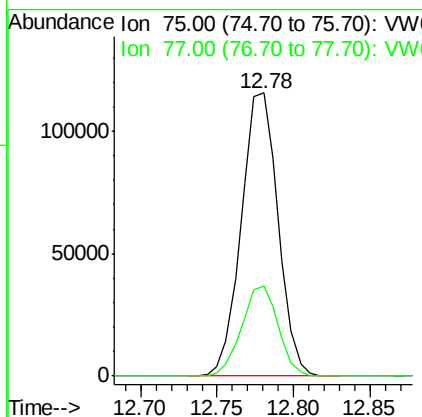
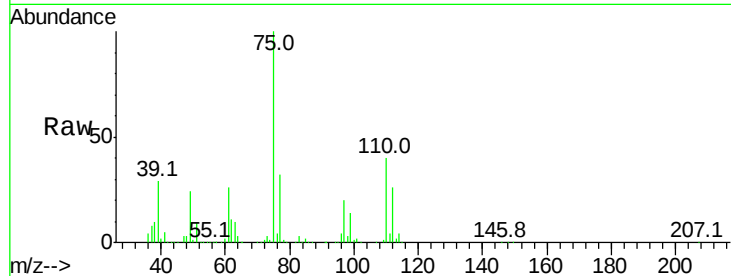
Ion 131.00 (130.70 to 131.70): V





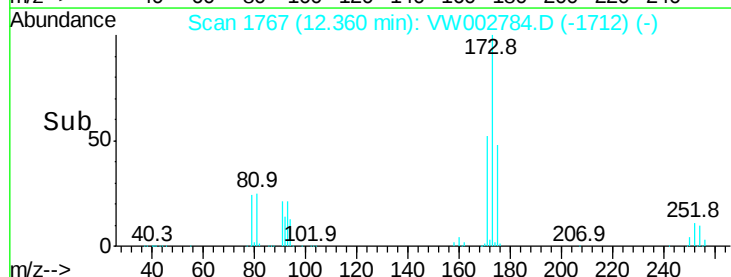
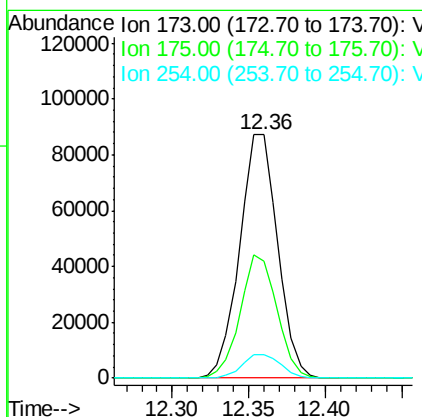
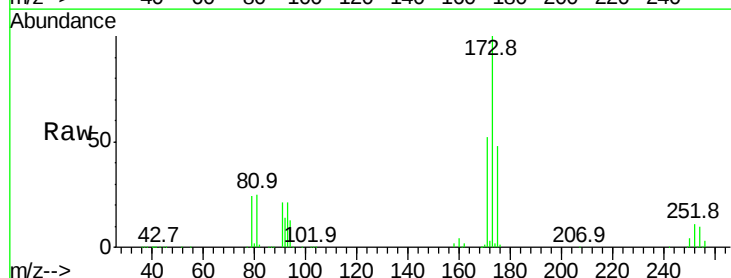
#59
 1,2,3-Trichloropropane
 Concen: 51.65 ug/L
 RT: 12.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

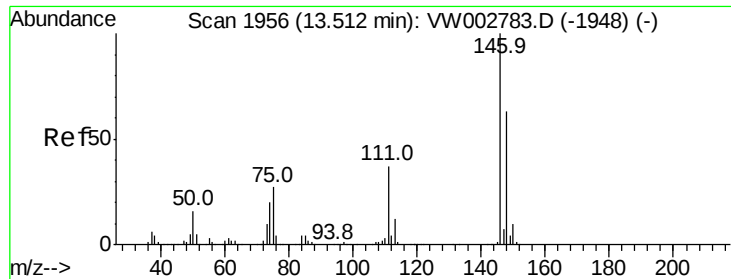
Tgt Ion: 75 Resp: 193173
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1



#62
 Bromoform
 Concen: 52.49 ug/L
 RT: 12.36 min Scan# 1767
 Delta R.T. 0.01 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

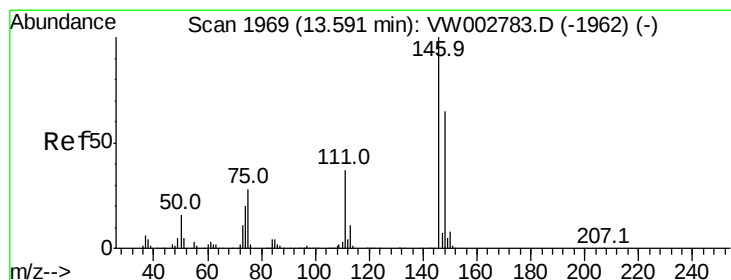
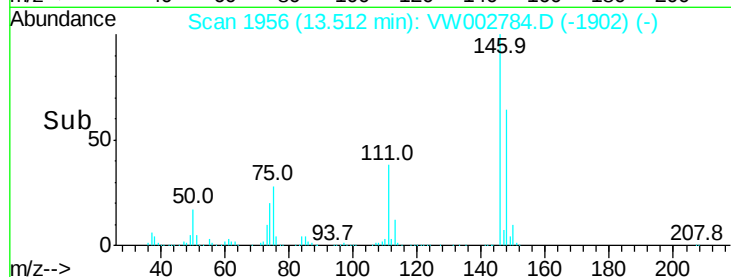
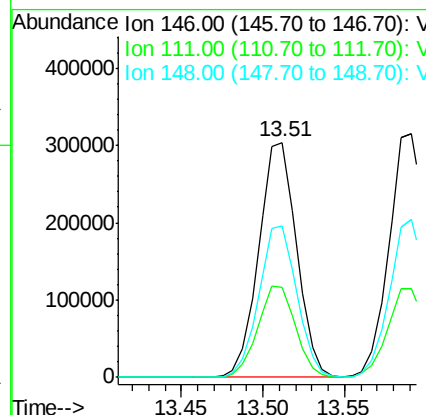
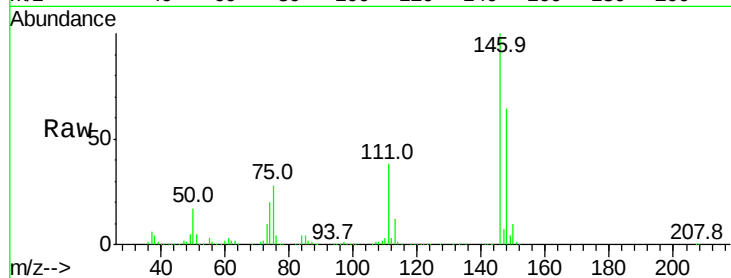
Tgt Ion: 173 Resp: 150755
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.7 58.1
 254 9.9 8.1 12.1





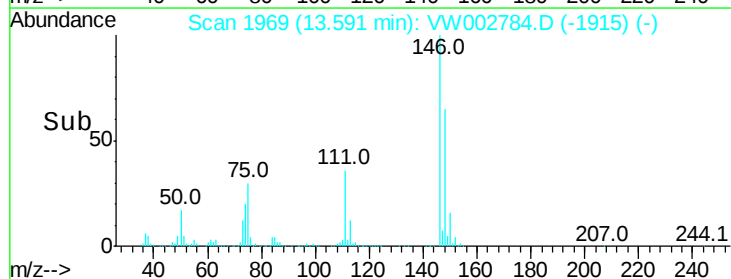
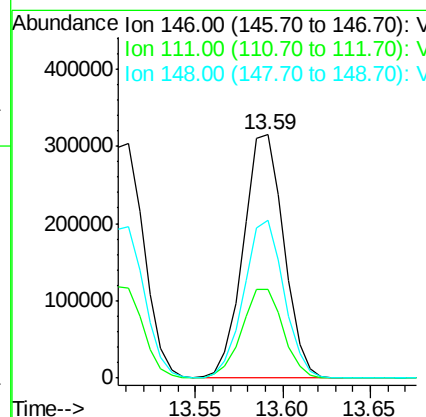
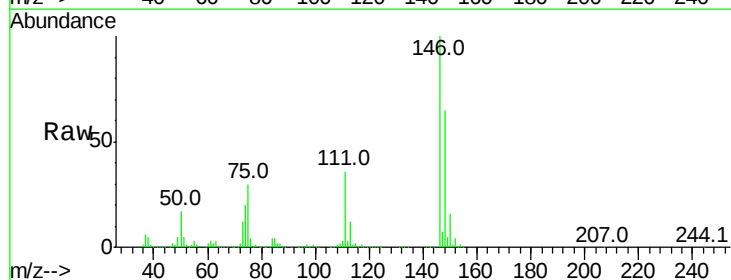
#63
 1,3-Dichlorobenzene
 Concen: 47.51 ug/L
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

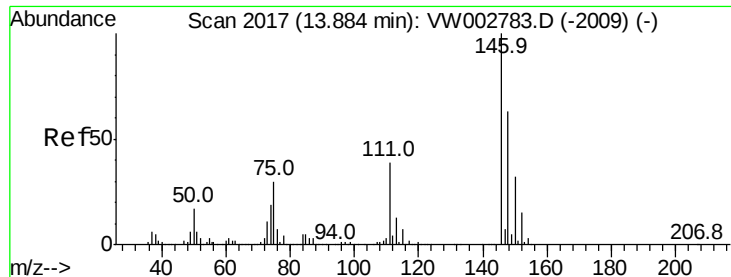
Tgt Ion:146 Resp: 488700
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.0 48.4
 148 64.5 44.1 81.9



#64
 1,4-Dichlorobenzene
 Concen: 47.89 ug/L
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

Tgt Ion:146 Resp: 508596
 Ion Ratio Lower Upper
 146 100
 111 36.3 26.0 48.4
 148 64.8 45.5 84.5





#65

1,2-Dichlorobenzene

Concen: 48.81 ug/L

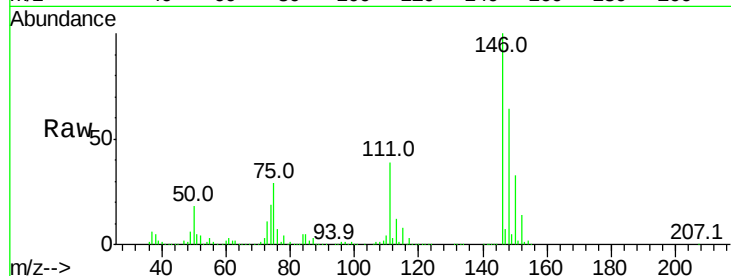
RT: 13.88 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

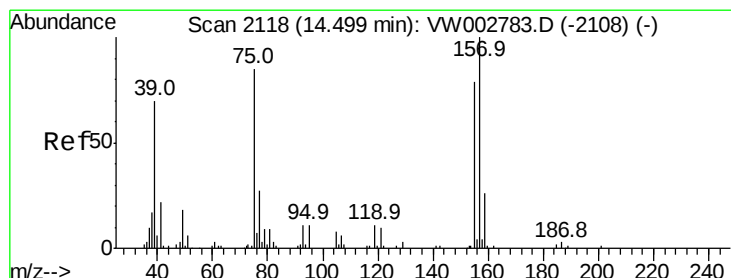
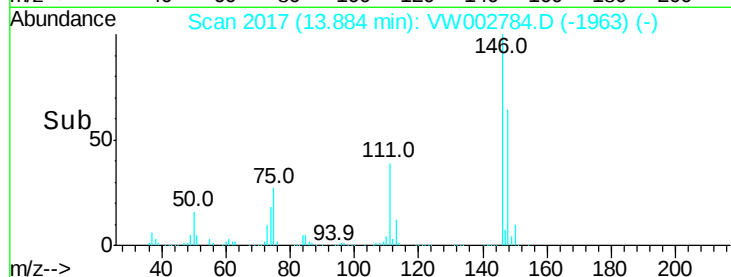
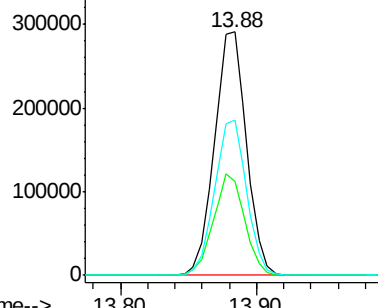
Tgt Ion:	146	Resp:	477753
Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.0	46.4
148	63.8	50.7	76.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 52.49 ug/L

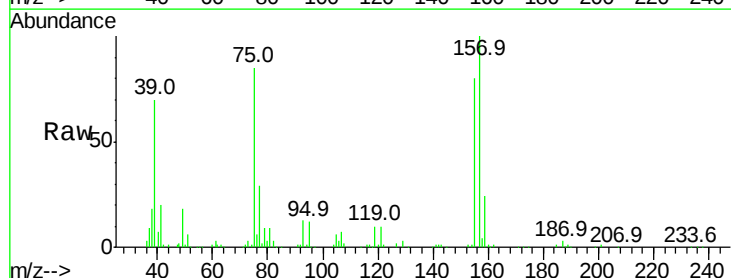
RT: 14.50 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

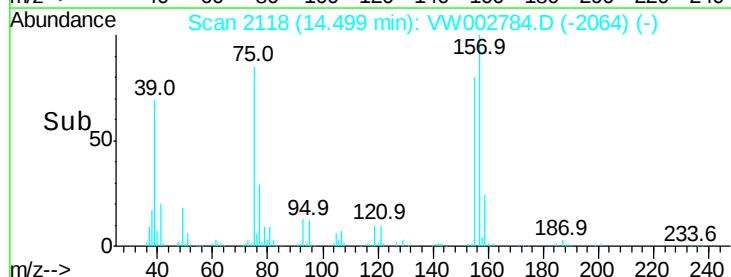
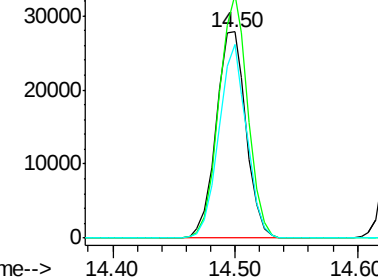
Tgt Ion:	75	Resp:	47179
Ion	Ratio	Lower	Upper
75	100		
157	118.2	93.8	140.6
155	94.0	74.3	111.5

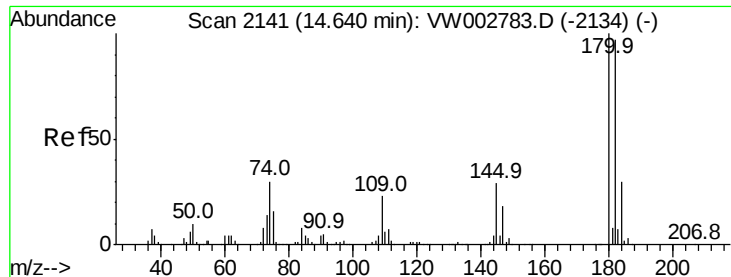


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

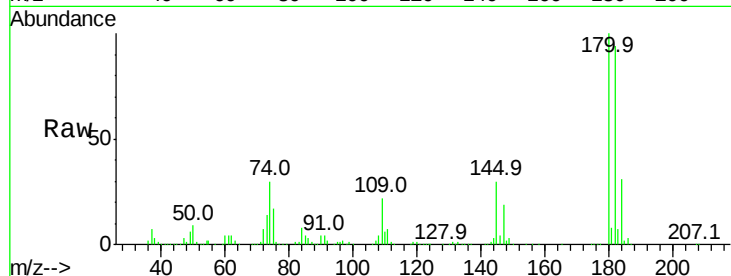
Ion 155.00 (154.70 to 155.70): V



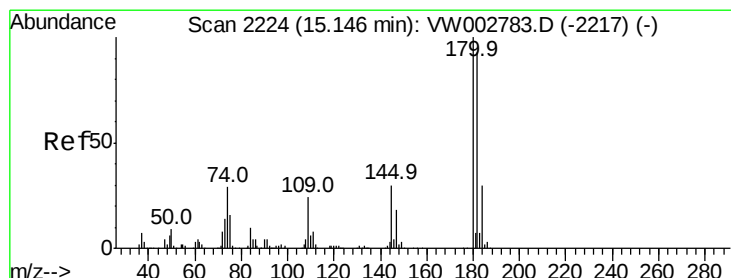
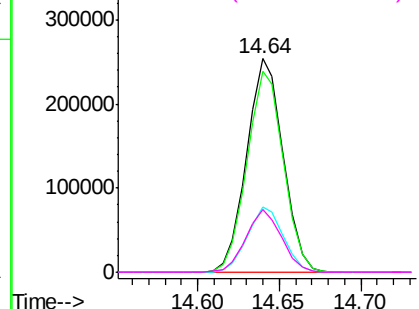
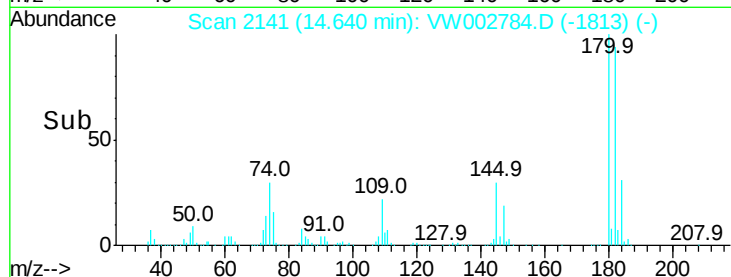


#67
 1,3,5-Trichlorobenzene
 Concen: 47.24 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

Tgt Ion:	180	Resp:	392972
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.3	112.9
184	30.4	24.2	36.4
145	28.6	22.6	33.8

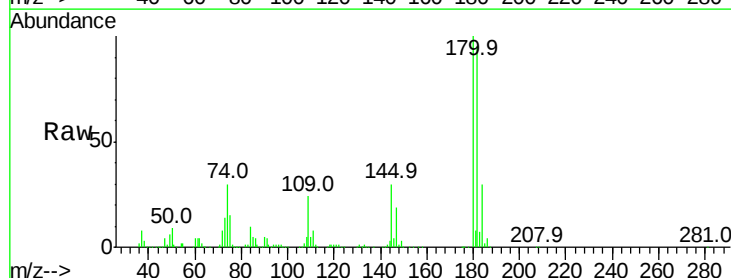


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

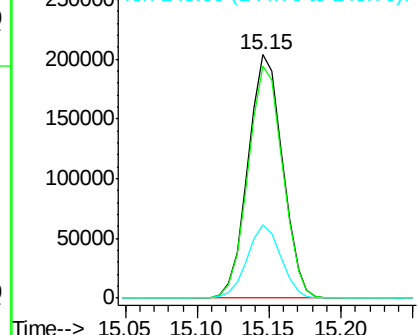
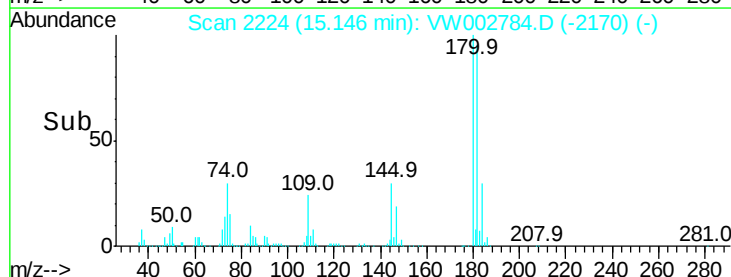


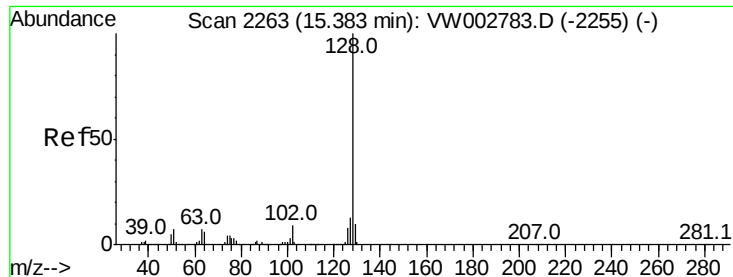
#68
 1,2,4-trichlorobenzene
 Concen: 47.58 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW002784.D
 Acq: 22 May 2018 11:07

Tgt Ion:	180	Resp:	337515
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.3	112.9
145	29.4	22.8	34.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 50.70 ug/L

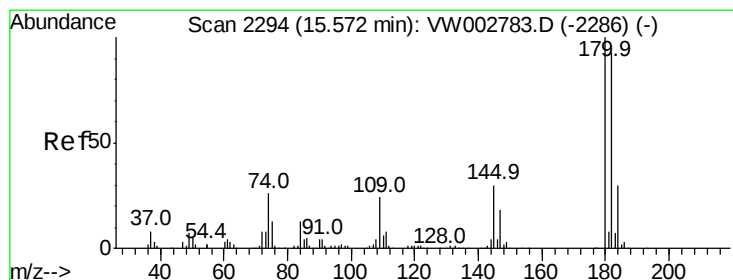
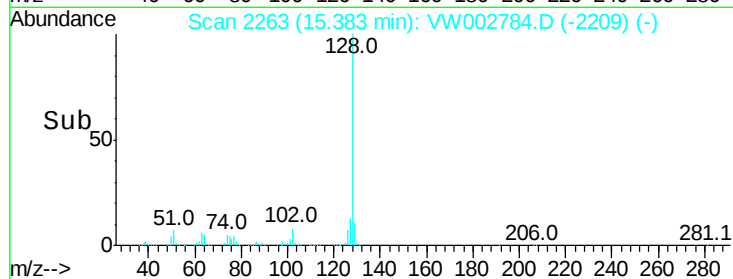
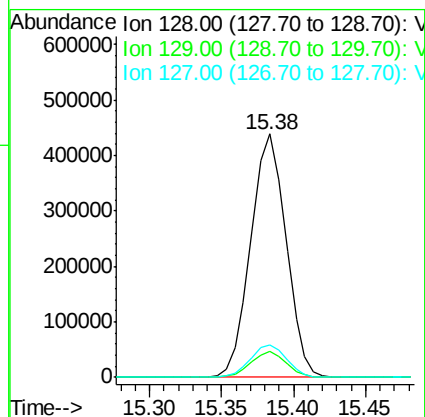
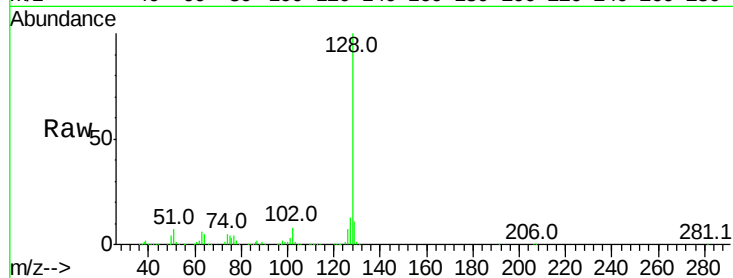
RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	128	Resp:	746654
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.6	16.0



#70

1,2,3-Trichlorobenzene

Concen: 48.20 ug/L

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002784.D

Acq: 22 May 2018 11:07

Tgt Ion:	180	Resp:	316803
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	31.5	24.5	36.7

