

Data File : VW002783.D
Acq On : 22 May 2018 10:41
Operator : JC/SY
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:01:10 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:01:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	312849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	168854	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	104632	20.83	ug/L	0.00
7) Chloroethane-d5	2.89	69	88835	19.61	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	181972	21.44	ug/L	0.00
20) 2-Butanone-d5	7.08	46	74266	44.34	ug/L	0.00
24) Chloroform-d	7.65	84	199640	22.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	118796	22.97	ug/L	0.00
29) Benzene-d6	8.27	84	379180	21.84	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	120168	22.40	ug/L	0.00
37) Toluene-d8	10.33	98	373799	22.06	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	58716	23.04	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	62779	46.58	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	124835	23.30	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	154443	22.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45546	22.11	ug/L	86
3) Chloromethane	2.21	50	81769	26.01	ug/L	97
5) Vinyl chloride	2.36	62	137583	25.82	ug/L	98
6) Bromomethane	2.78	94	91967	24.51	ug/L	99
8) Chloroethane	2.92	64	85089	24.12	ug/L	99
9) Trichlorofluoromethane	3.25	101	57620	18.49	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	99815	24.19	ug/L	# 68
12) 1,1-Dichloroethene	4.03	96	93094	24.55	ug/L	99
13) Acetone	4.12	43	55932	34.12	ug/L	99
14) Carbon disulfide	4.37	76	290821	28.85	ug/L	99
15) Methyl Acetate	4.66	43	56840	22.53	ug/L	99
16) Methylene chloride	4.90	84	96615	23.11	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	174257	23.98	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	96653	24.62	ug/L	98
19) 1,1-Dichloroethane	6.21	63	173870	24.14	ug/L	99
21) 2-Butanone	7.18	43	79543	41.25	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	107366	24.07	ug/L	99
23) Bromochloromethane	7.51	128	52009	24.66	ug/L	96
25) Chloroform	7.67	83	186297	23.91	ug/L	98
27) 1,2-Dichloroethane	8.40	62	136449	25.23	ug/L	98
30) Cyclohexane	7.96	56	161656	25.26	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	141828	22.31	ug/L	99
32) Carbon tetrachloride	8.07	117	143107	23.24	ug/L	100
34) Benzene	8.32	78	406386	24.52	ug/L	100
35) Trichloroethene	9.09	95	108193	23.95	ug/L	99
36) Methylcyclohexane	9.34	83	185893	25.25	ug/L	99
40) 1,2-Dichloropropane	9.37	63	103668	23.52	ug/L	100
41) Bromodichloromethane	9.65	83	135936	23.58	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	162607	23.80	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	169278	45.41	ug/L	99

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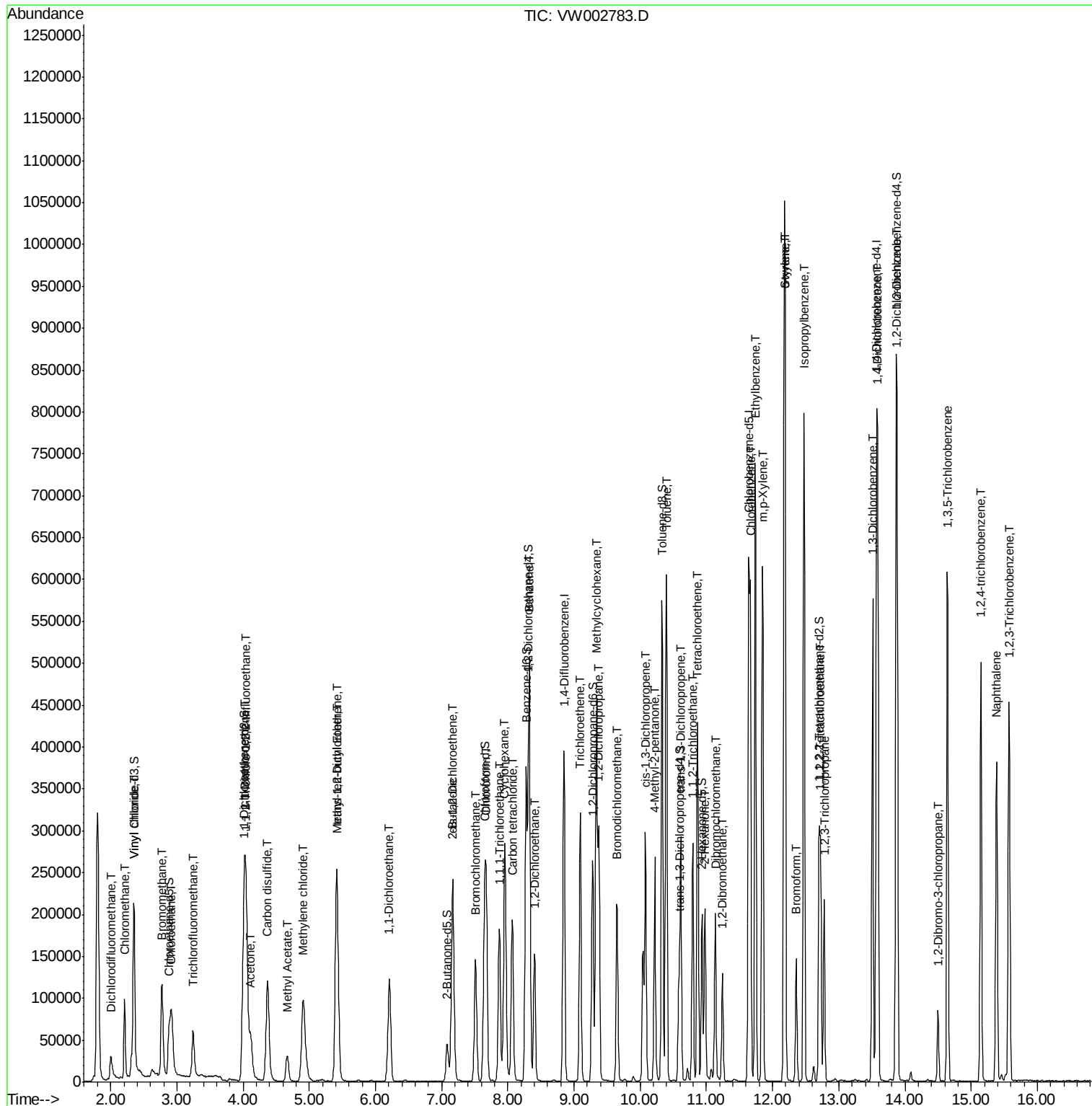
Quant Time: May 22 11:01:10 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:01:15 2018
Response via : Initial Calibration

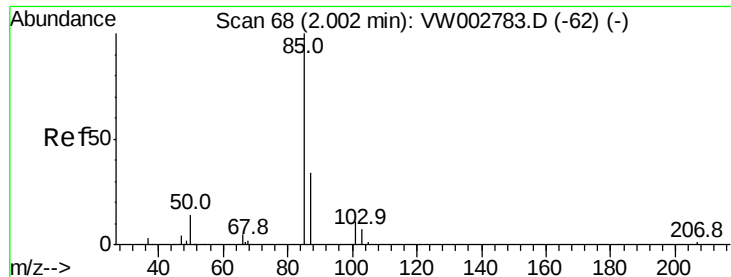
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	445488	24.17	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	148695	24.19	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	84349	23.02	ug/L	98
47) Tetrachloroethene	10.87	164	94564	24.24	ug/L	99
49) 2-Hexanone	10.98	43	126560	45.78	ug/L	97
50) Dibromochloromethane	11.13	129	103078	23.36	ug/L	99
51) 1,2-Dibromoethane	11.24	107	84949	23.83	ug/L	100
52) Chlorobenzene	11.66	112	291298	23.64	ug/L	96
53) Ethylbenzene	11.74	91	501622	23.83	ug/L	99
54) m,p-Xylene	11.85	106	189571	23.78	ug/L	96
55) o-xylene	12.18	106	181460	23.37	ug/L	100
56) Styrene	12.19	104	318801	24.01	ug/L	98
57) Isopropylbenzene	12.48	105	498694	23.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	113955	22.65	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	84573	22.19	ug/L	100
62) Bromoform	12.35	173	66424	22.94	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	236410	22.80	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	246767	23.05	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	228005	23.11	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.50	75	19147	21.13	ug/L	91
67) 1,3,5-Trichlorobenzene	14.64	180	192114	22.91	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	163682	22.89	ug/L	99
69) Naphthalene	15.38	128	320186	21.57	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	153844	23.22	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 22.11 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.01 min

Lab File: VW002783.D

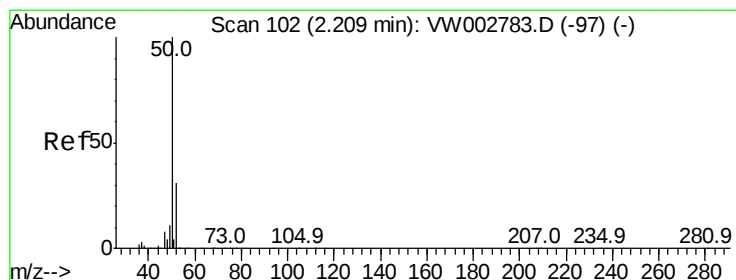
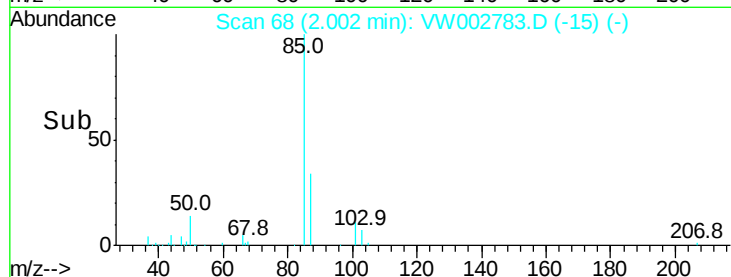
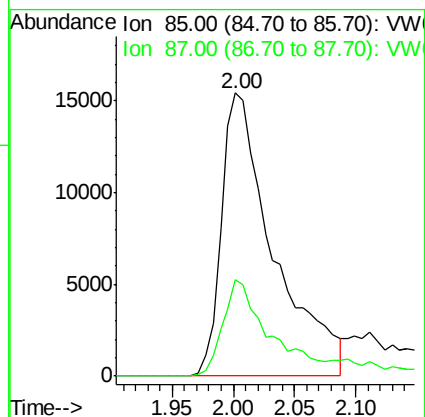
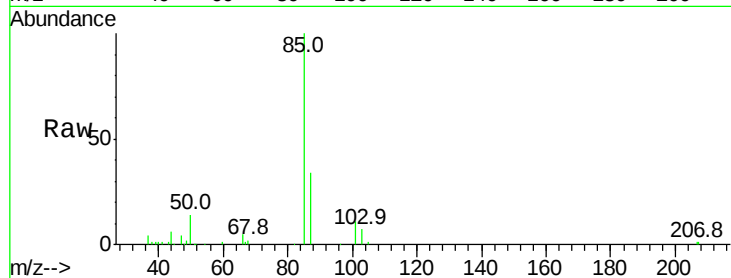
Acq: 22 May 2018 10:41

Tgt Ion: 85 Resp: 45546

Ion Ratio Lower Upper

85 100

87 21.7 20.3 37.7



#3

Chloromethane

Concen: 26.01 ug/L

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002783.D

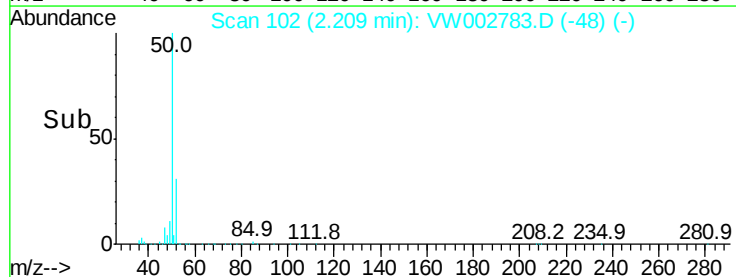
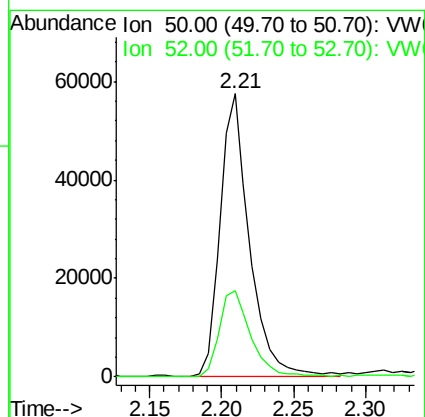
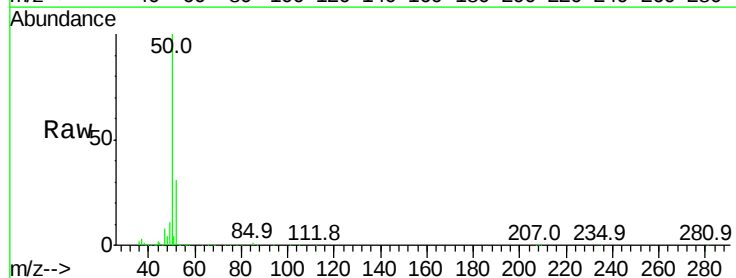
Acq: 22 May 2018 10:41

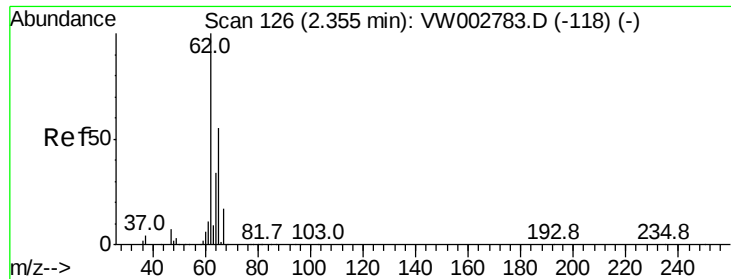
Tgt Ion: 50 Resp: 81769

Ion Ratio Lower Upper

50 100

52 30.6 22.5 41.7





#5

Vinyl chloride

Concen: 25.82 ug/L

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002783.D

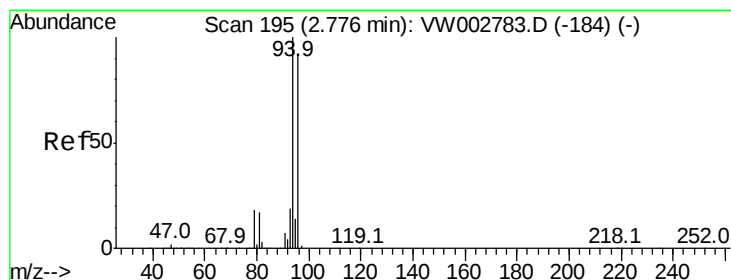
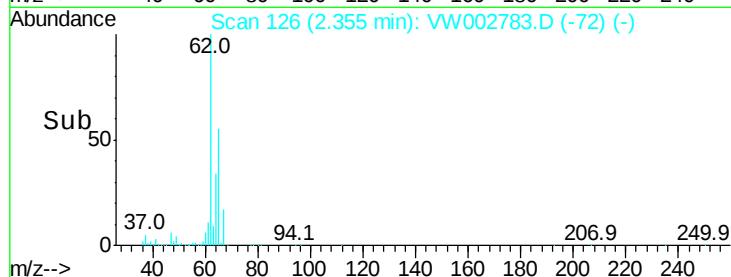
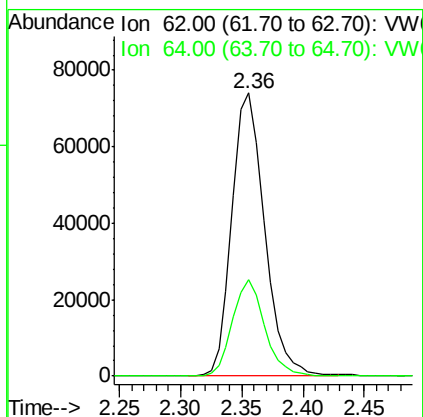
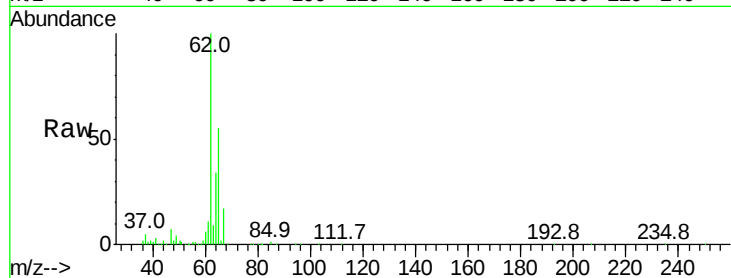
Acq: 22 May 2018 10:41

Tgt Ion: 62 Resp: 137583

Ion Ratio Lower Upper

62 100

64 34.3 23.2 43.2



#6

Bromomethane

Concen: 24.51 ug/L

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW002783.D

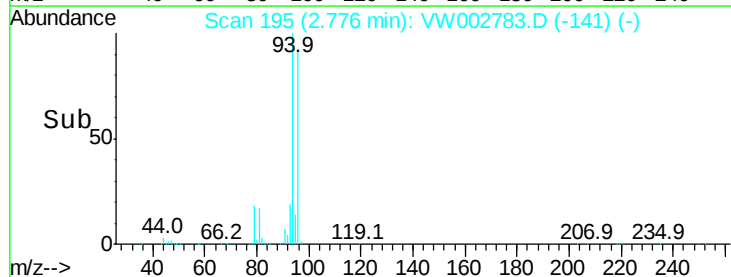
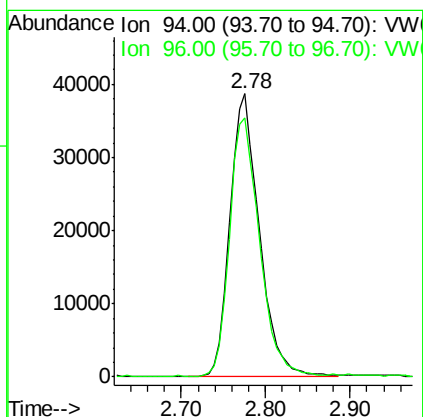
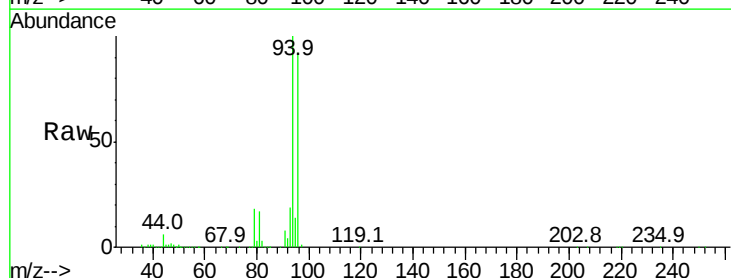
Acq: 22 May 2018 10:41

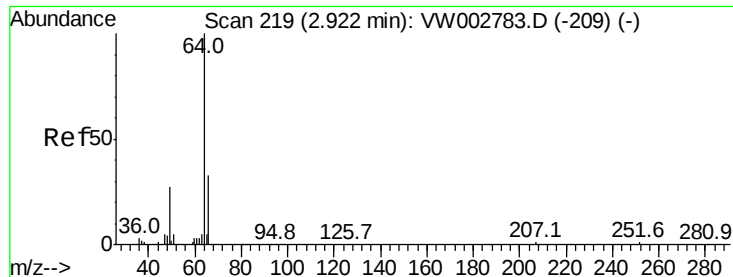
Tgt Ion: 94 Resp: 91967

Ion Ratio Lower Upper

94 100

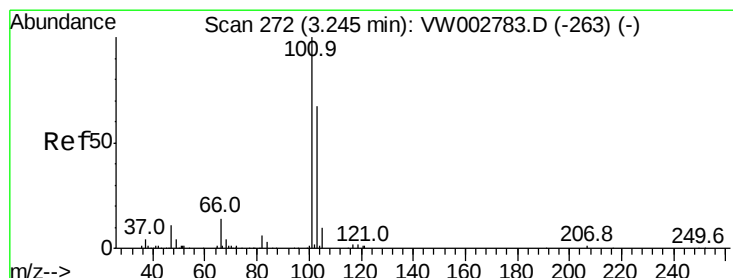
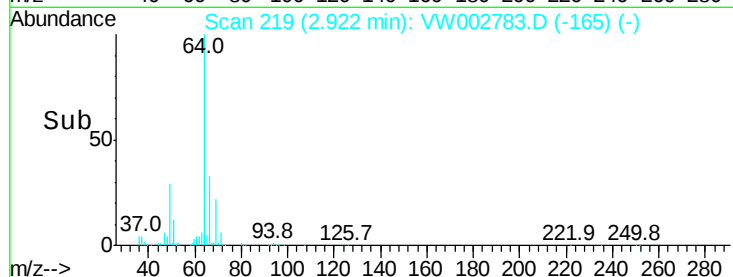
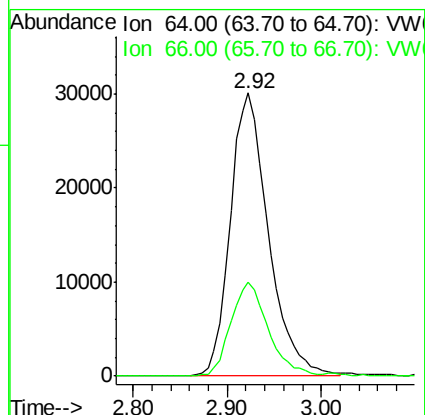
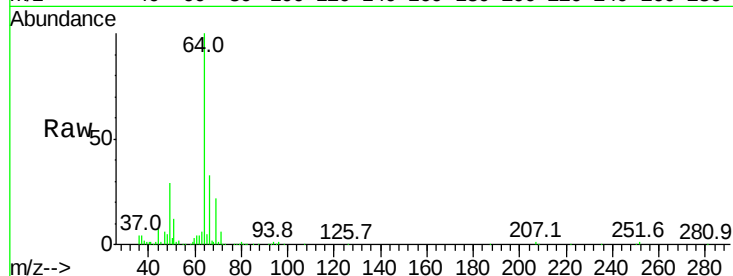
96 93.5 9.4 178.6





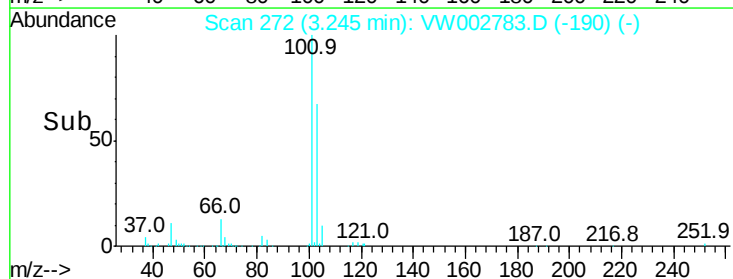
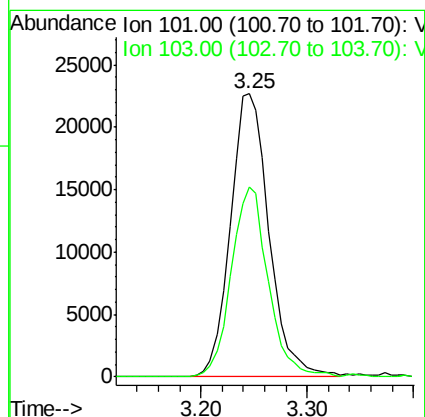
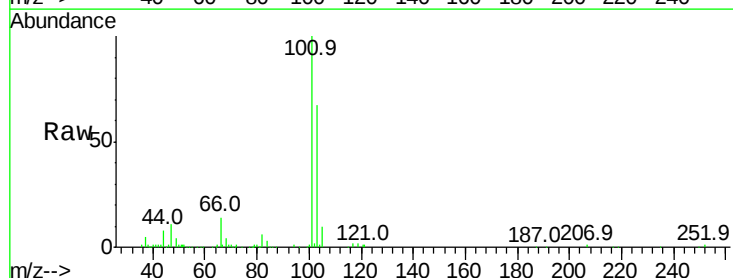
#8
Chloroethane
Concen: 24.12 ug/L
RT: 2.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

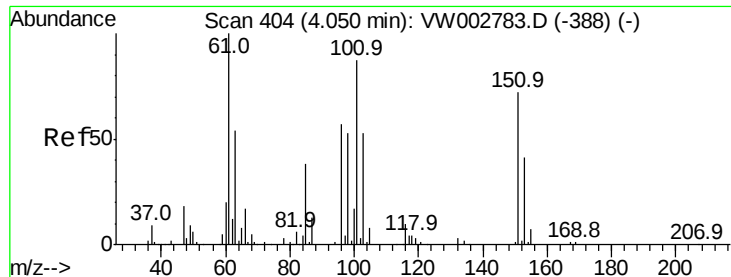
Tgt Ion: 64 Resp: 85089
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 18.49 ug/L
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion: 101 Resp: 57620
Ion Ratio Lower Upper
101 100
103 64.3 45.4 84.4





#11

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

Concen: 24.19 ug/L

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

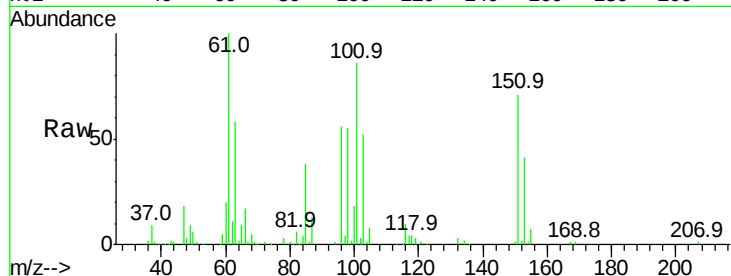
Tgt Ion: 101 Resp: 99815

Ion Ratio Lower Upper

101 100

85 42.3 34.8 52.2

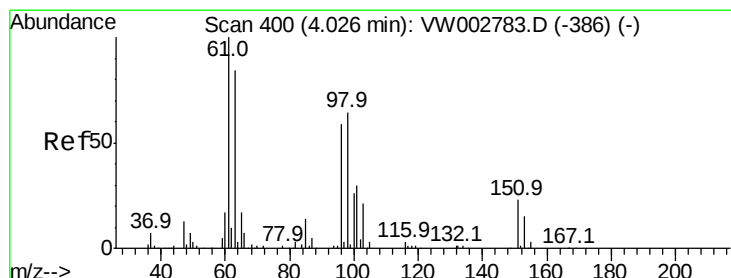
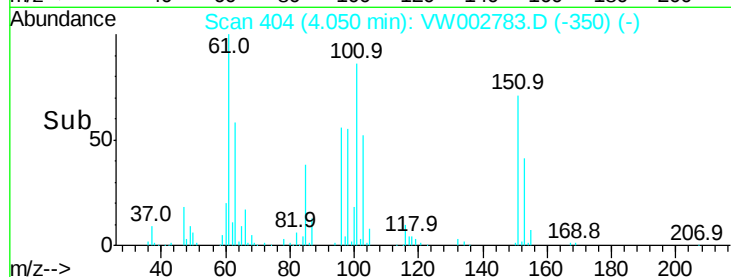
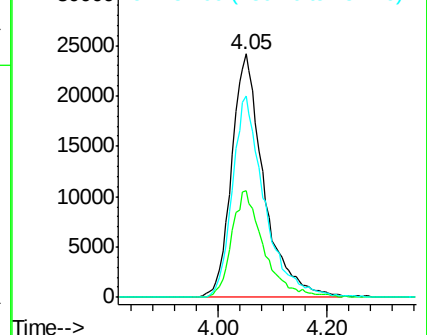
151 82.2 34.2 51.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.55 ug/L

RT: 4.03 min Scan# 400

Delta R.T. 0.01 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

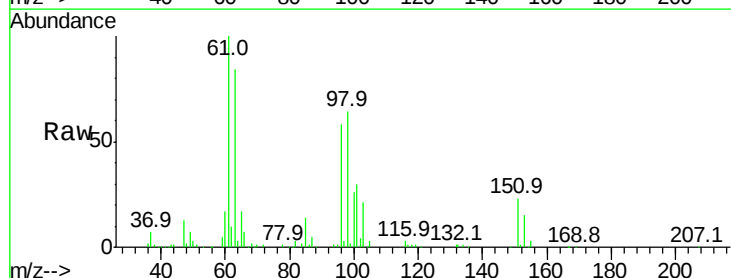
Tgt Ion: 96 Resp: 93094

Ion Ratio Lower Upper

96 100

61 171.3 118.9 220.9

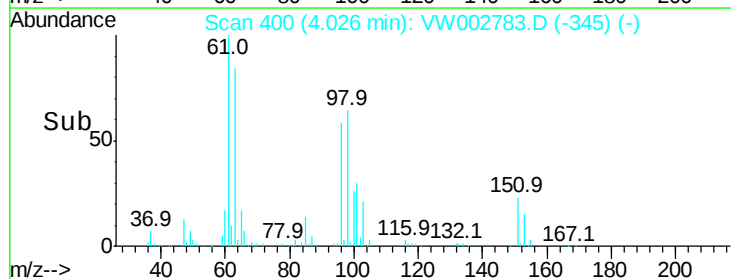
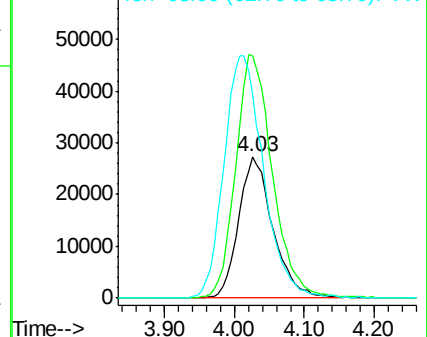
63 143.9 100.4 186.4

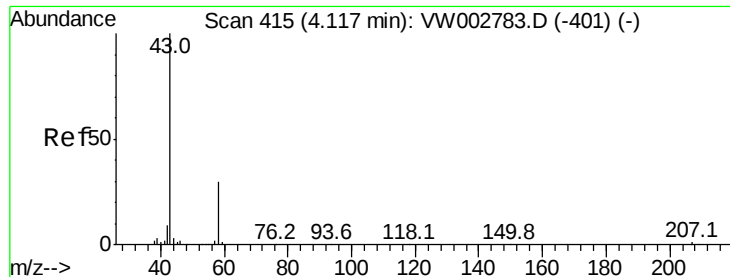


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 34.12 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002783.D

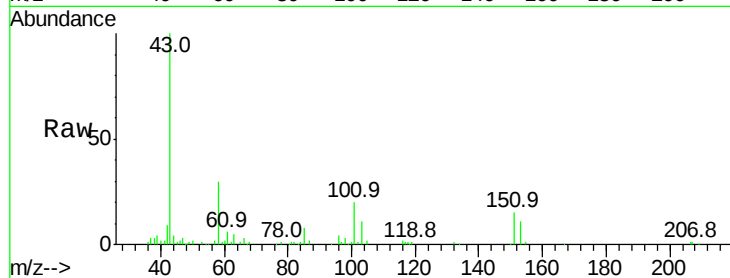
Acq: 22 May 2018 10:41

Tgt Ion: 43 Resp: 55932

Ion Ratio Lower Upper

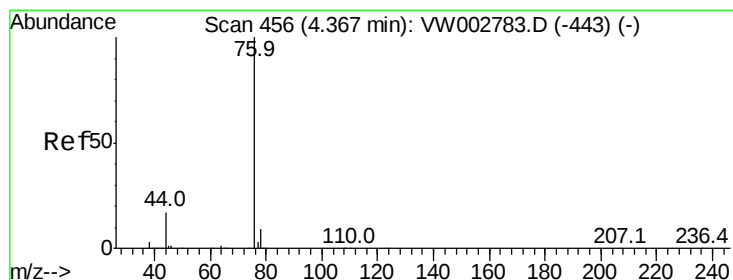
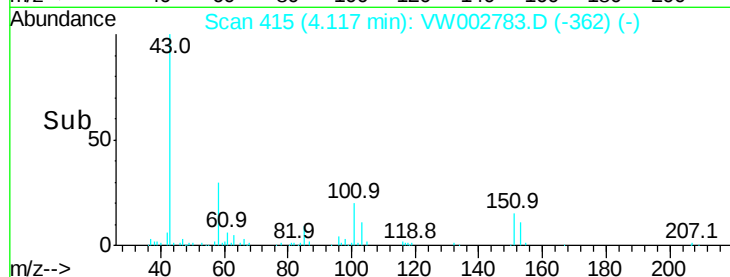
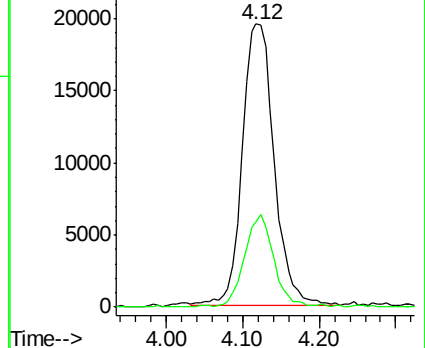
43 100

58 30.3 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 28.85 ug/L

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002783.D

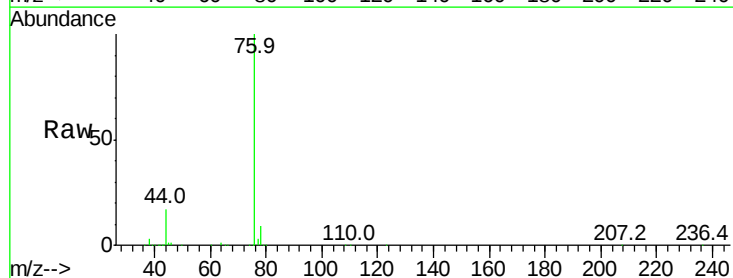
Acq: 22 May 2018 10:41

Tgt Ion: 76 Resp: 290821

Ion Ratio Lower Upper

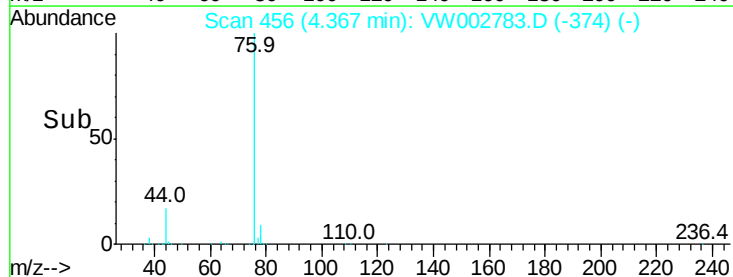
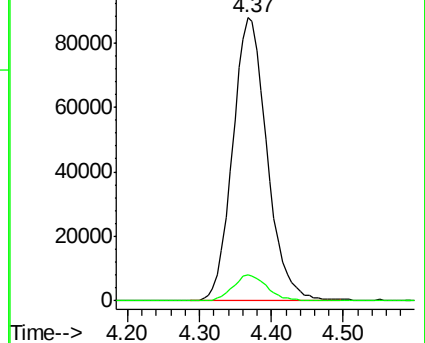
76 100

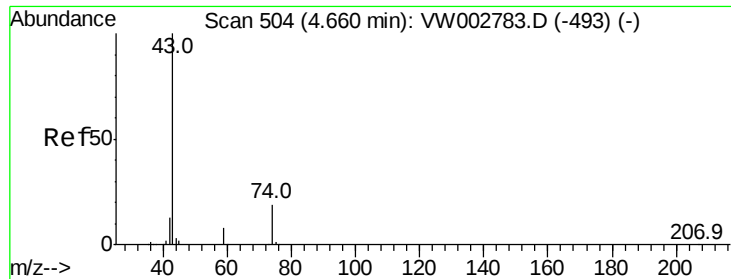
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

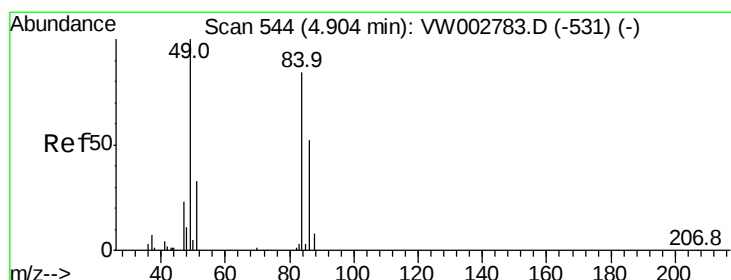
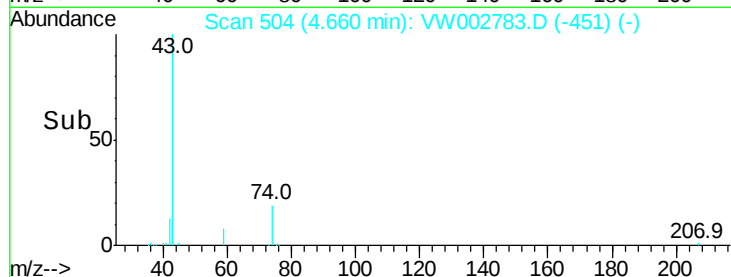
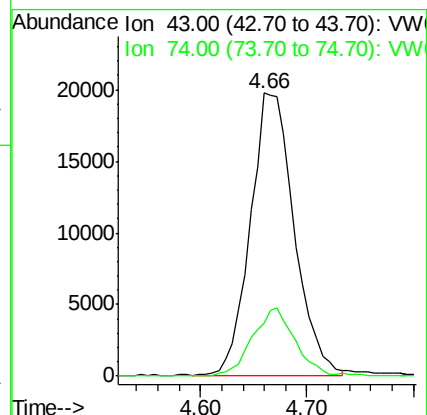
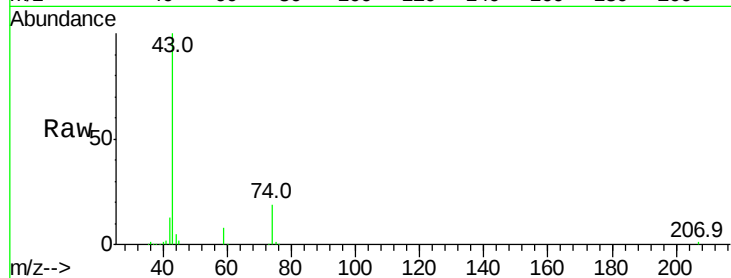
Ion 78.00 (77.70 to 78.70): VW





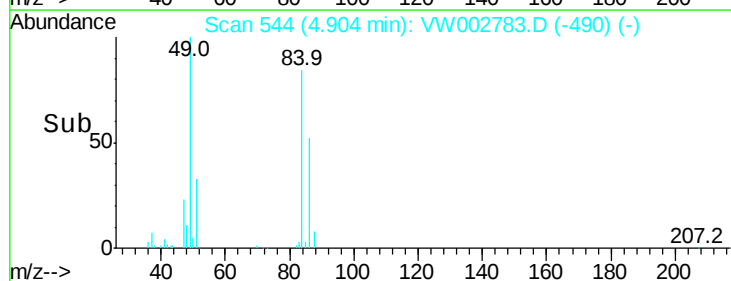
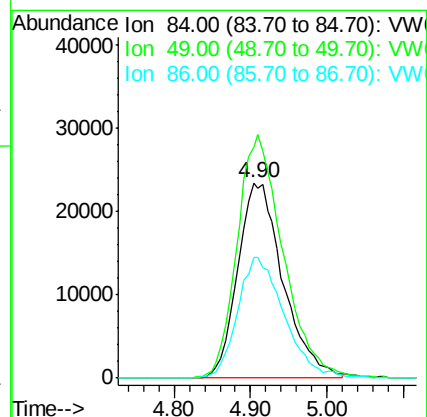
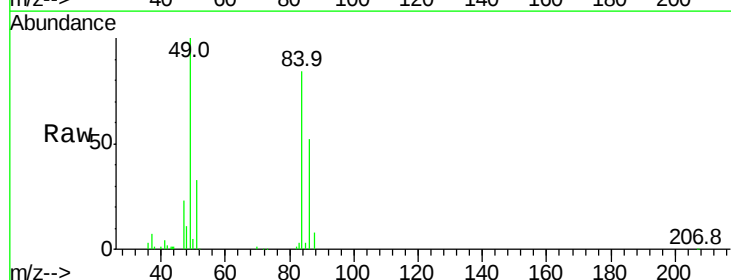
#15
Methyl Acetate
Concen: 22.53 ug/L
RT: 4.66 min Scan# 504
Delta R.T. -0.01 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

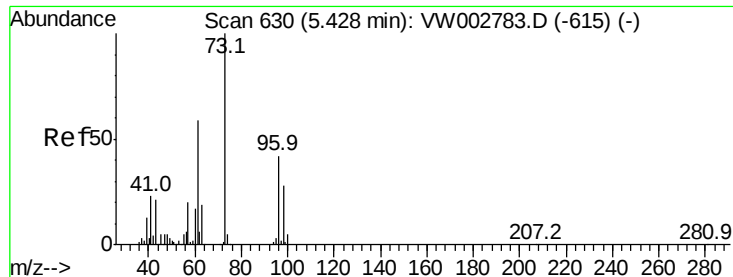
Tgt Ion: 43 Resp: 56840
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2



#16
Methylene chloride
Concen: 23.11 ug/L
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion: 84 Resp: 96615
Ion Ratio Lower Upper
84 100
49 118.5 89.2 165.6
86 61.8 46.3 86.1





#17

Methyl tert-butyl Ether

Concen: 23.98 ug/L

RT: 5.43 min Scan# 630

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

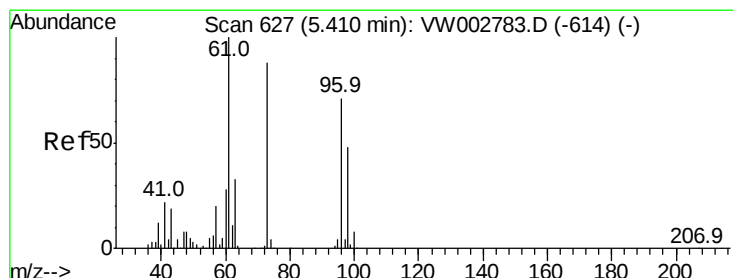
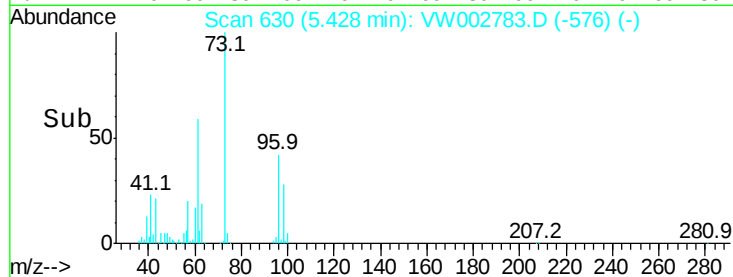
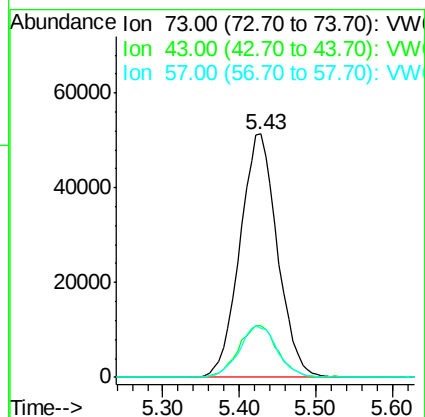
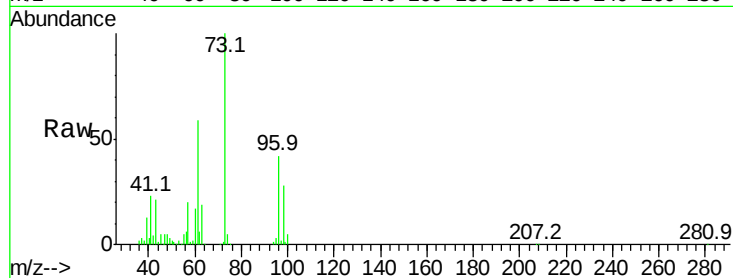
Tgt Ion: 73 Resp: 174257

Ion Ratio Lower Upper

73 100

43 22.0 17.3 25.9

57 21.7 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 24.62 ug/L

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

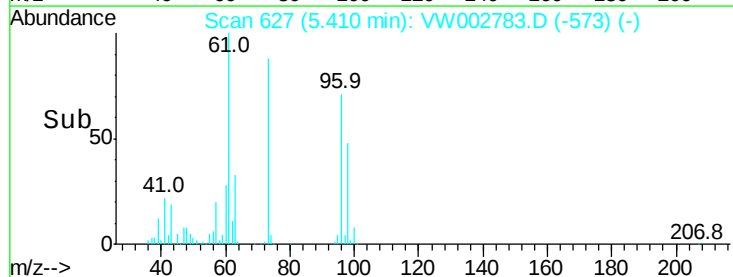
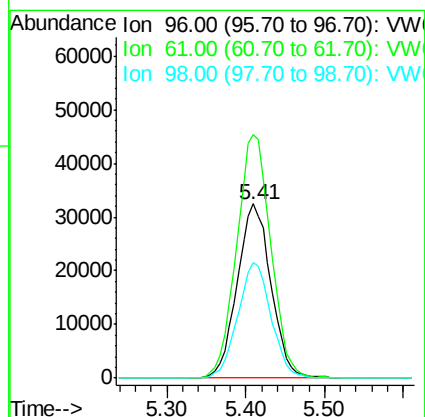
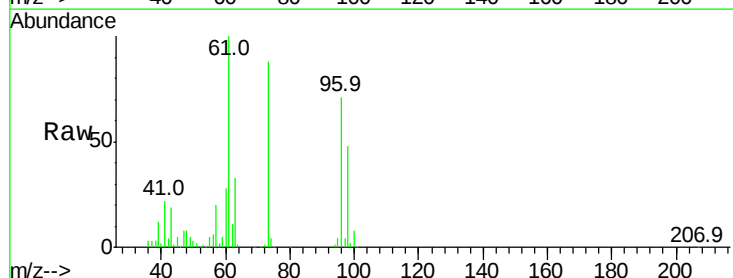
Tgt Ion: 96 Resp: 96653

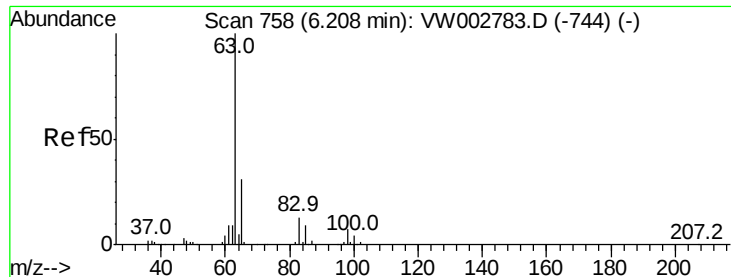
Ion Ratio Lower Upper

96 100

61 139.9 100.0 185.8

98 66.5 45.6 84.8





#19

1,1-Dichloroethane

Concen: 24.14 ug/L

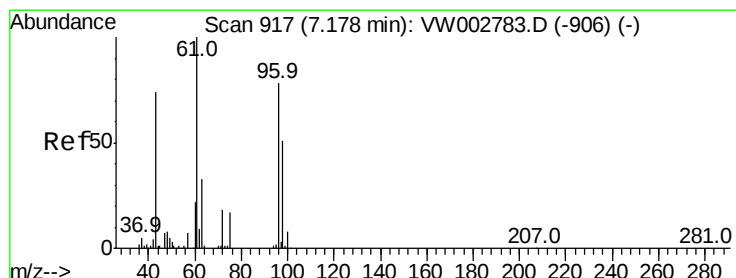
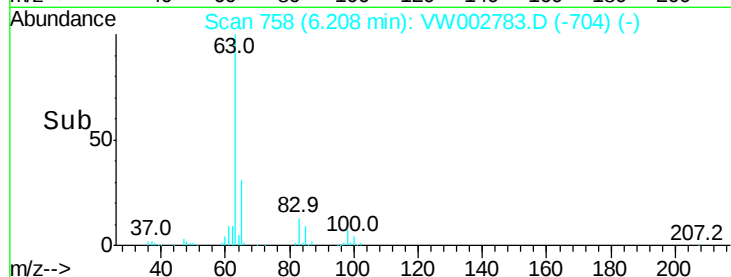
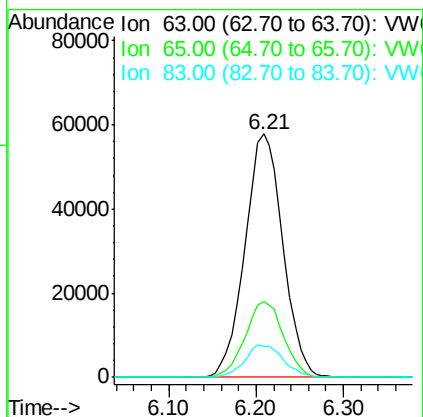
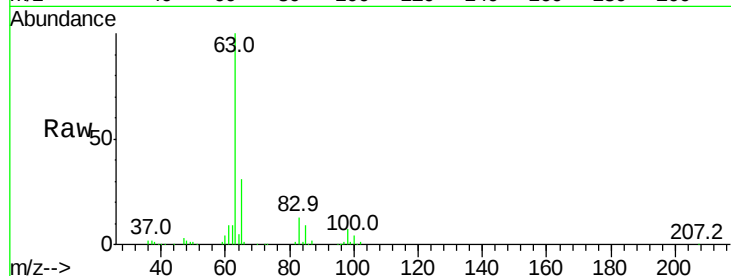
RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

Tgt Ion:	63	Resp:	173870
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.4
83	12.9	10.1	18.9



#21

2-Butanone

Concen: 41.25 ug/L

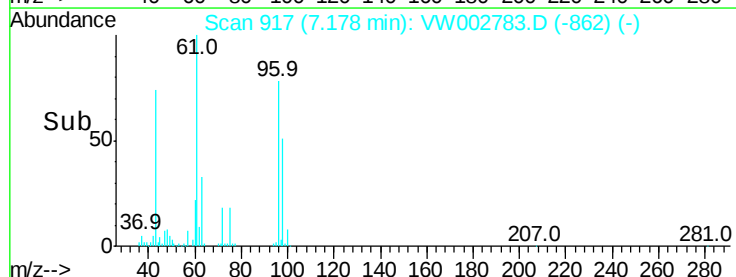
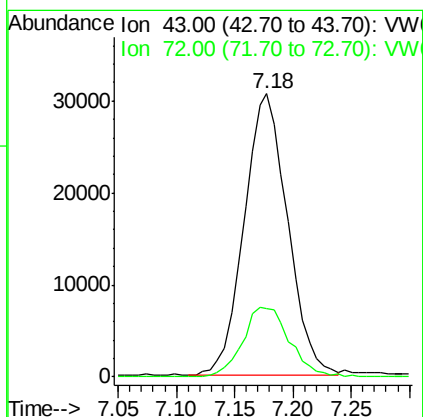
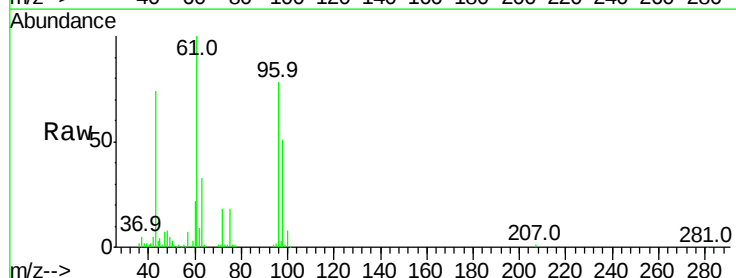
RT: 7.18 min Scan# 917

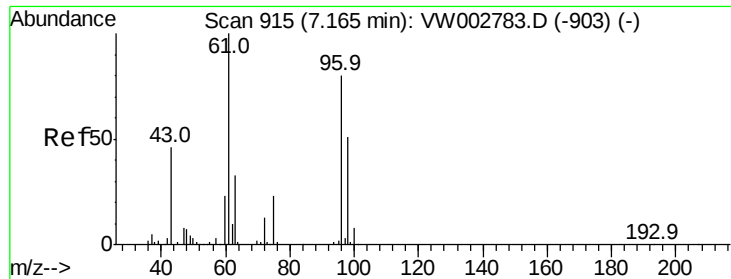
Delta R.T. 0.01 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

Tgt Ion:	43	Resp:	79543
Ion	Ratio	Lower	Upper
43	100		
72	26.7	13.7	41.1

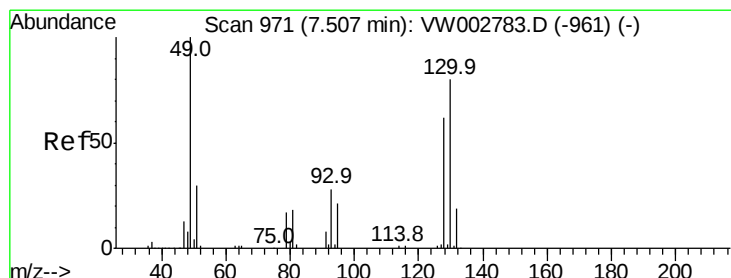
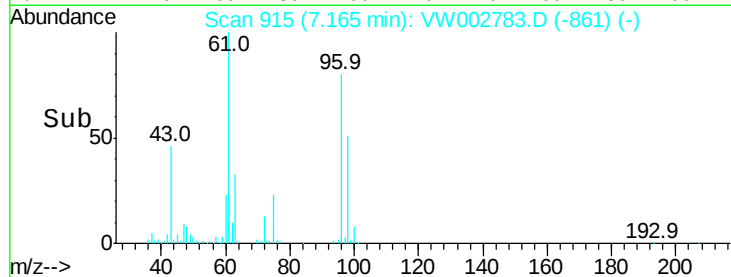
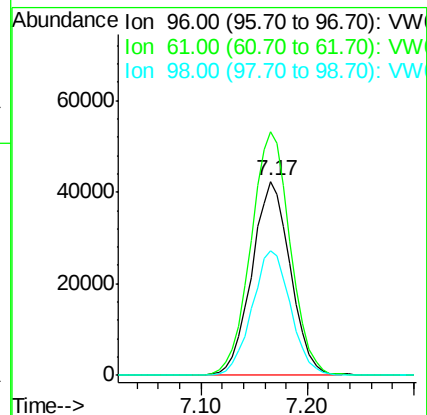
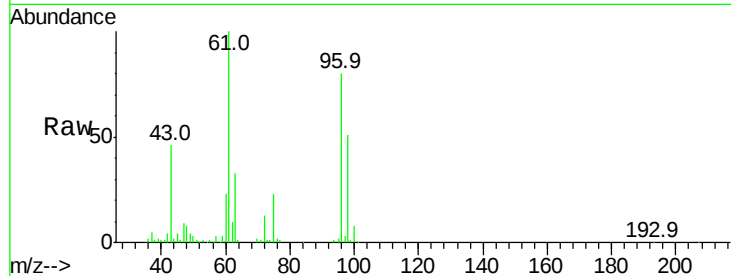




#22

cis-1,2-Dichloroethene
Concen: 24.07 ug/L
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

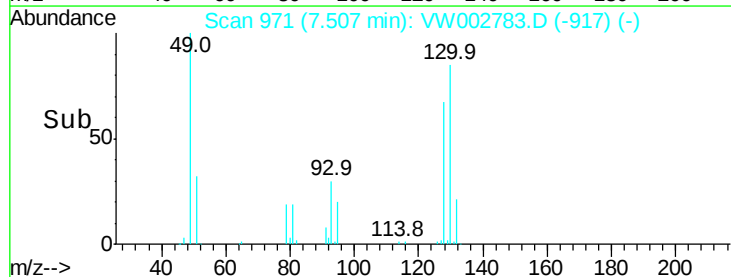
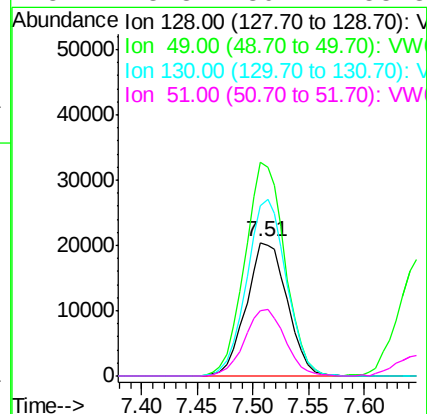
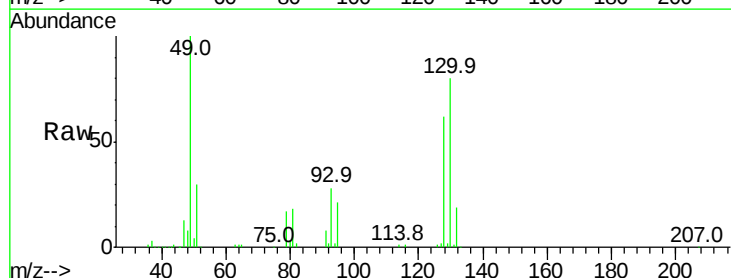
Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.7	88.1	163.7
98	64.0	43.9	81.5

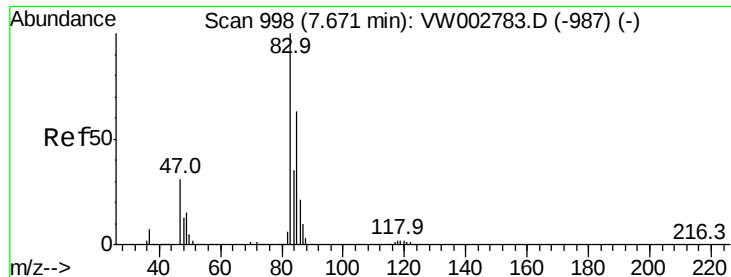


#23

Bromochloromethane
Concen: 24.66 ug/L
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

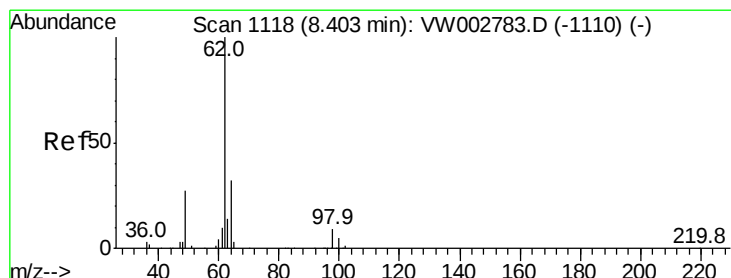
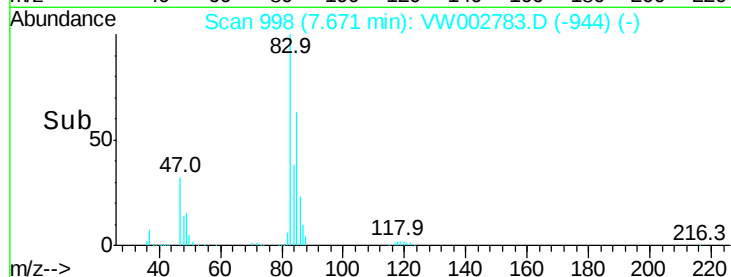
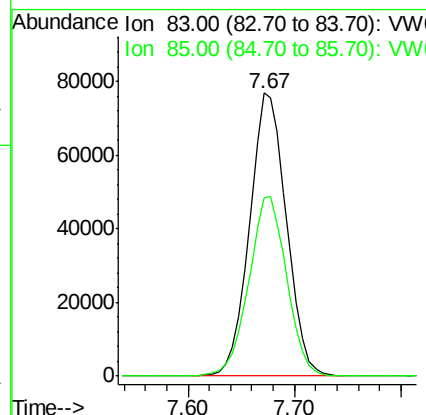
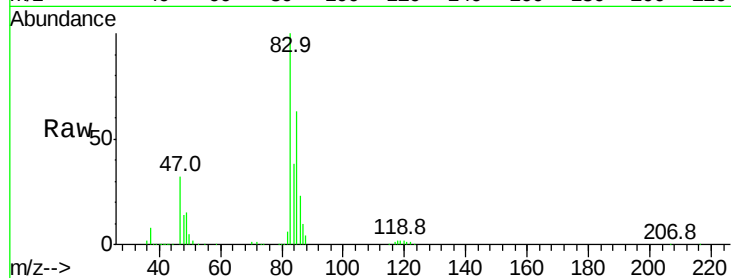
Tgt Ion	Ratio	Lower	Upper
128	100		
49	160.3	107.7	199.9
130	127.9	86.5	160.7
51	48.8	39.2	58.8





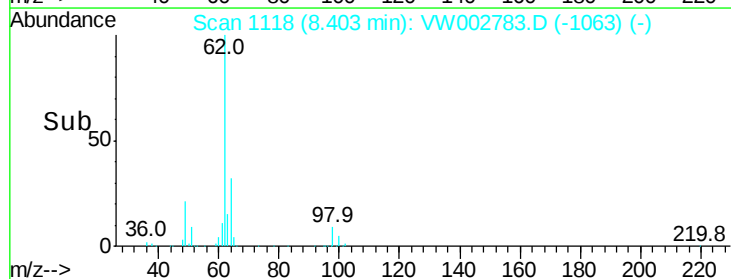
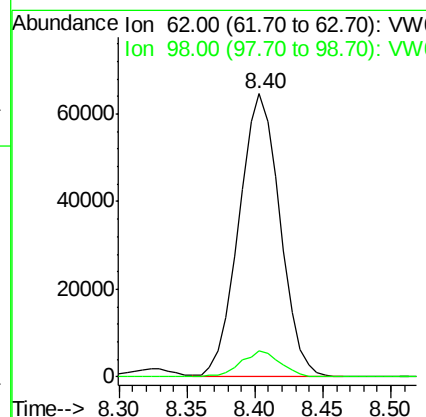
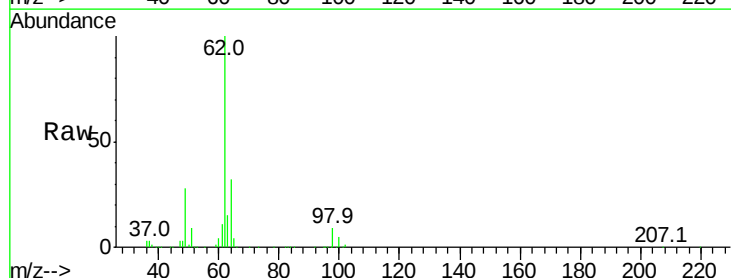
#25
Chloroform
Concen: 23.91 ug/L
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

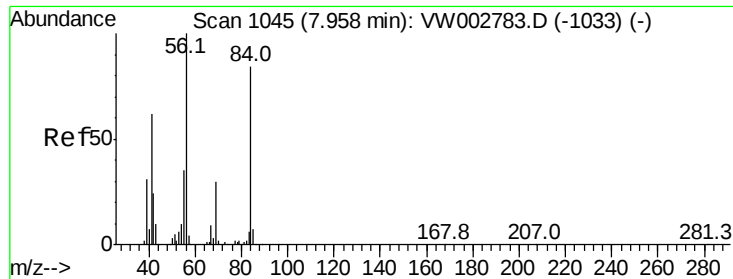
Tgt Ion: 83 Resp: 186297
Ion Ratio Lower Upper
83 100
85 65.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.23 ug/L
RT: 8.40 min Scan# 1118
Delta R.T. 0.01 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion: 62 Resp: 136449
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3





#30

Cyclohexane

Concen: 25.26 ug/L

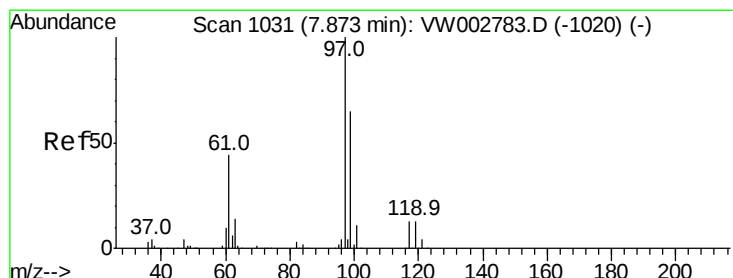
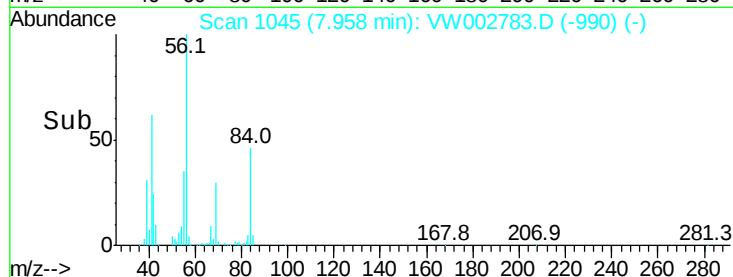
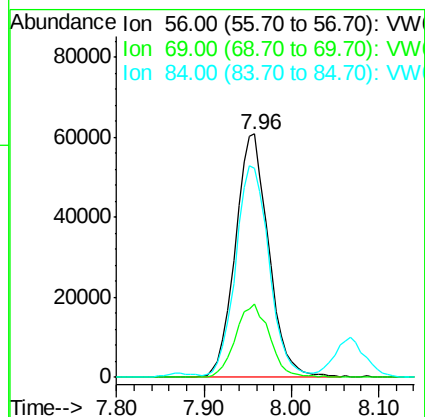
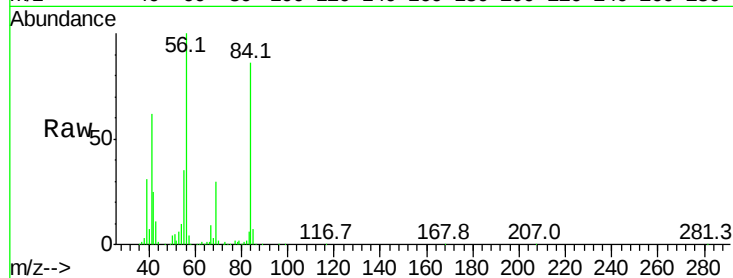
RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

Tgt Ion:	56	Resp:	161656
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	87.4	70.2	105.2



#31

1,1,1-Trichloroethane

Concen: 22.31 ug/L

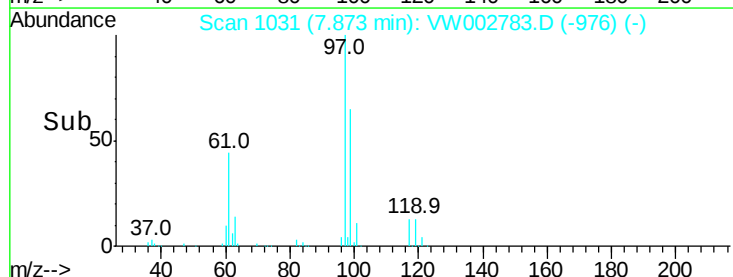
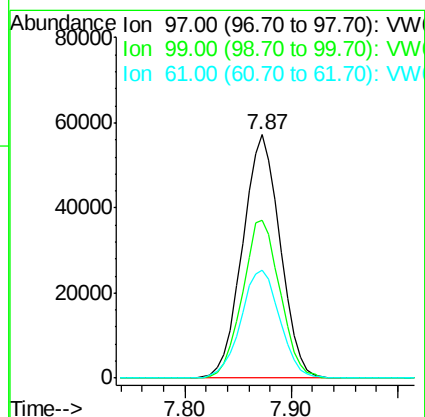
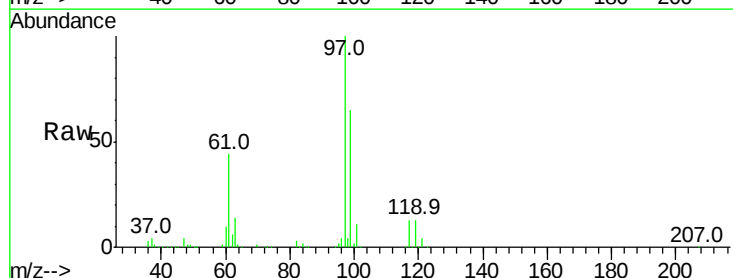
RT: 7.87 min Scan# 1031

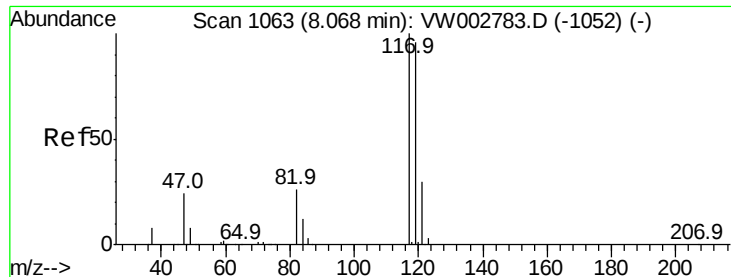
Delta R.T. 0.01 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

Tgt Ion:	97	Resp:	141828
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.1	78.1
61	45.8	35.0	52.4





#32

Carbon tetrachloride

Concen: 23.24 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW002783.D

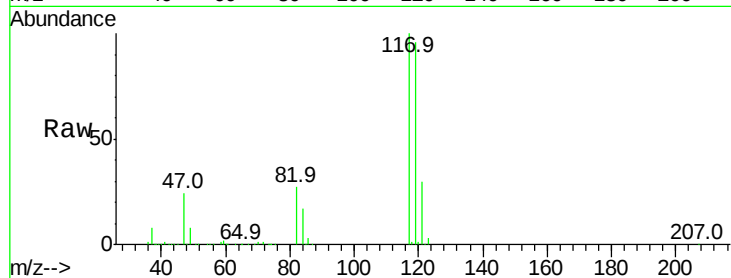
Acq: 22 May 2018 10:41

Tgt Ion: 117 Resp: 143107

Ion Ratio Lower Upper

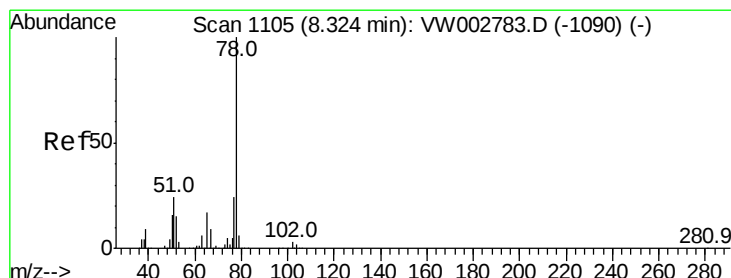
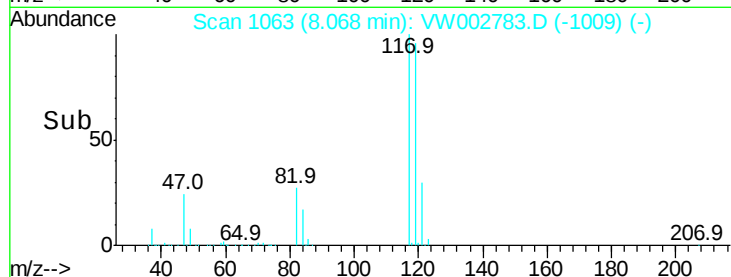
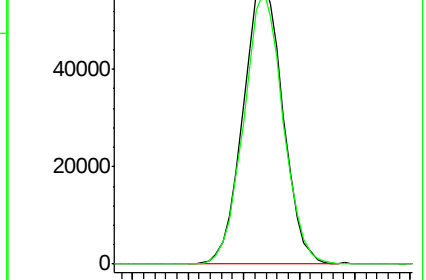
117 100

119 95.0 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.52 ug/L

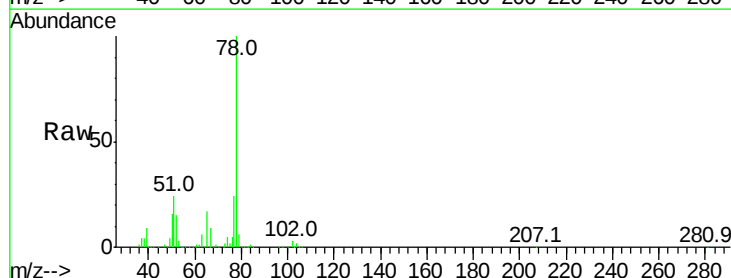
RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

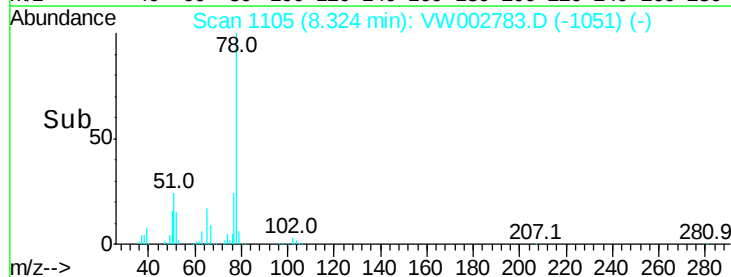
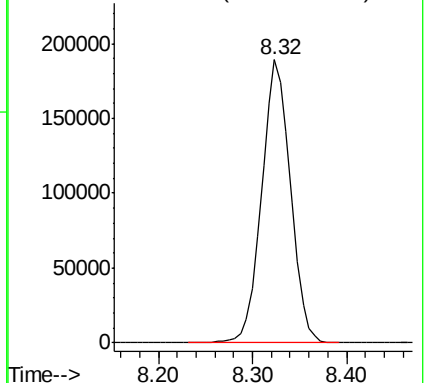
Lab File: VW002783.D

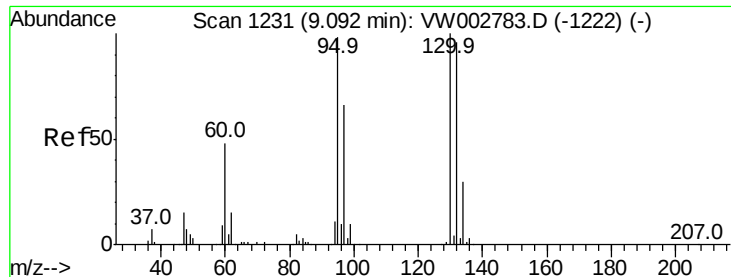
Acq: 22 May 2018 10:41

Tgt Ion: 78 Resp: 406386



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 23.95 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

Tgt Ion: 95 Resp: 108193

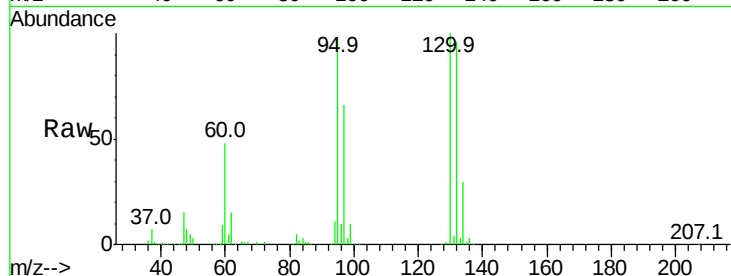
Ion Ratio Lower Upper

95 100

97 64.8 45.3 84.1

132 99.6 71.4 132.6

130 104.8 72.5 134.7

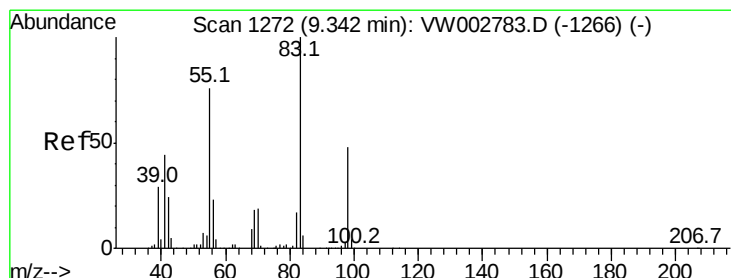
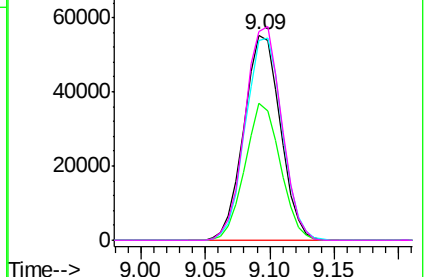
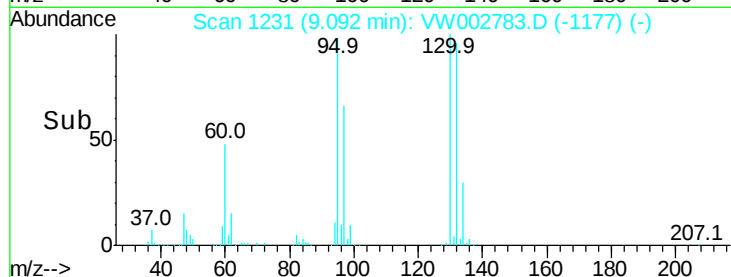


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 25.25 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

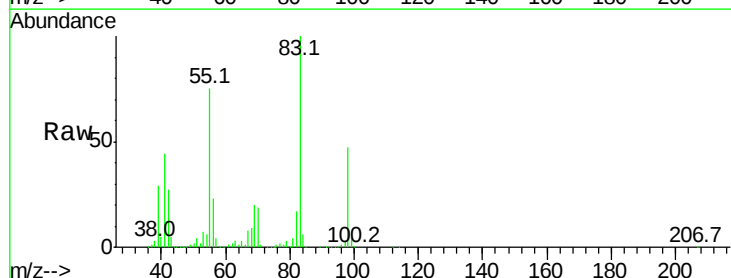
Tgt Ion: 83 Resp: 185893

Ion Ratio Lower Upper

83 100

55 76.4 60.5 90.7

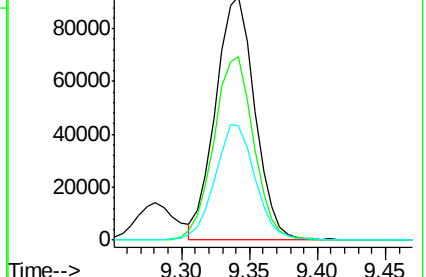
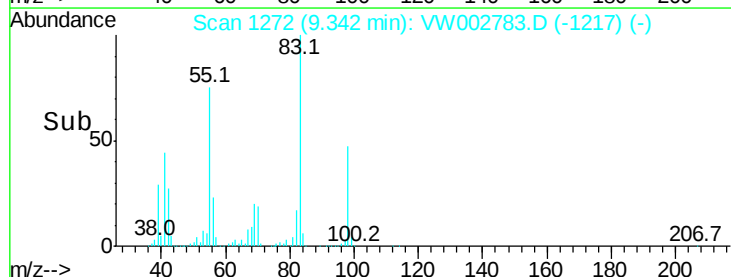
98 48.5 38.3 57.5

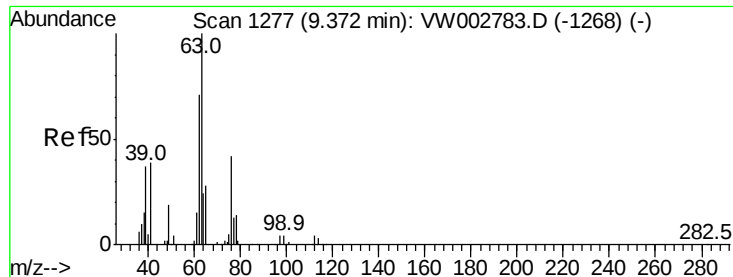


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 23.52 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW002783.D

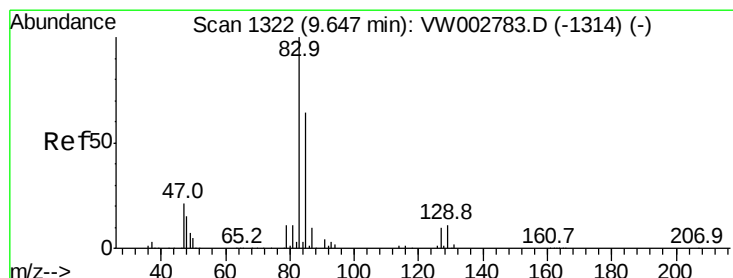
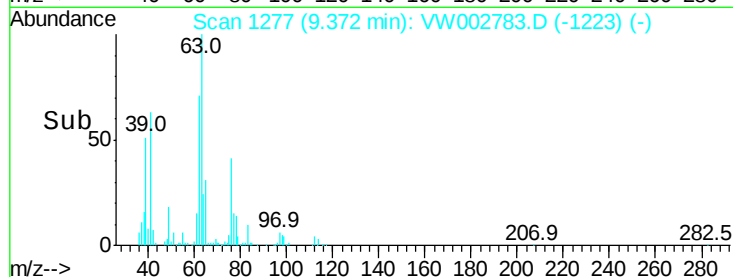
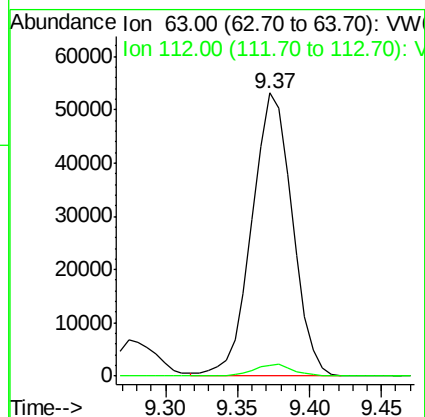
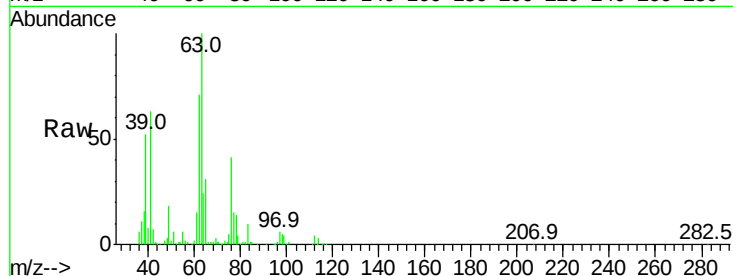
Acq: 22 May 2018 10:41

Tgt Ion: 63 Resp: 103668

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#41

Bromodichloromethane

Concen: 23.58 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

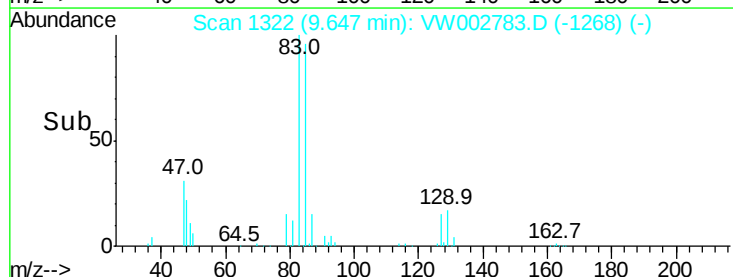
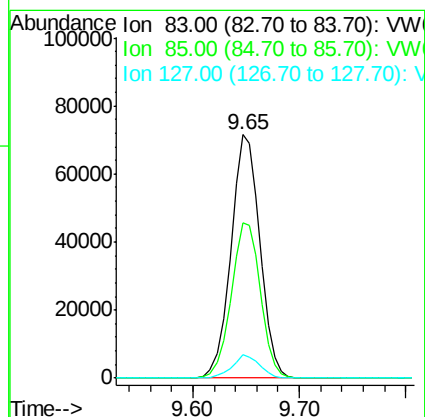
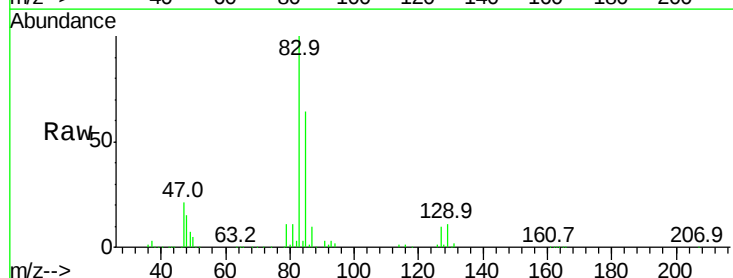
Tgt Ion: 83 Resp: 135936

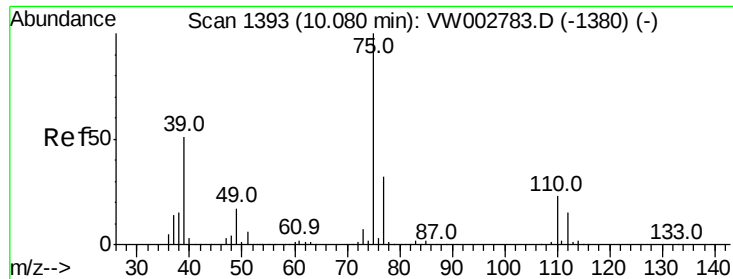
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.9

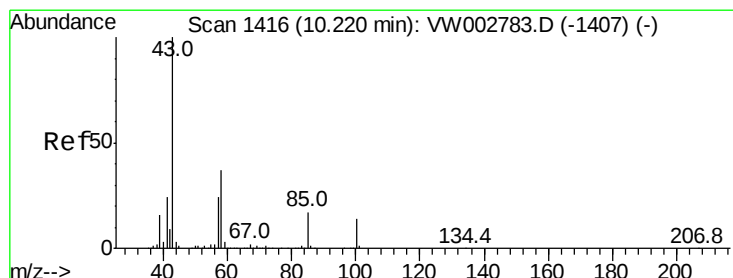
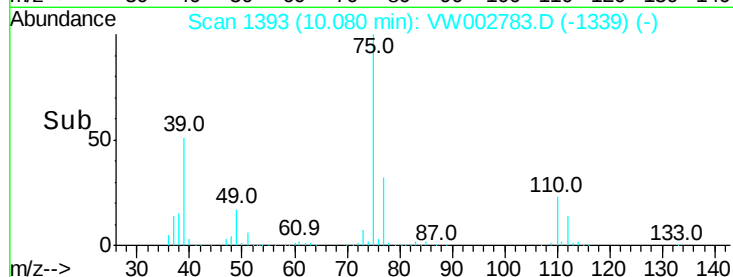
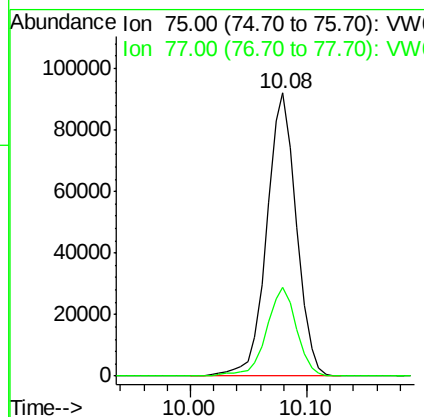
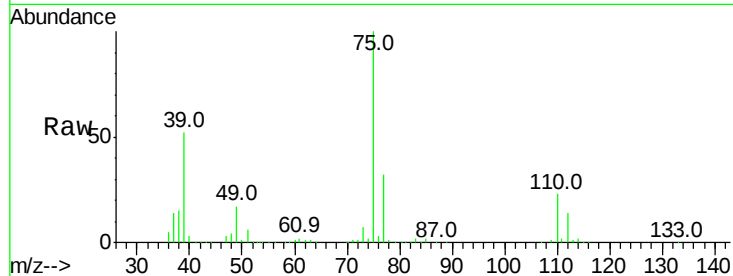
127 9.7 7.2 10.8





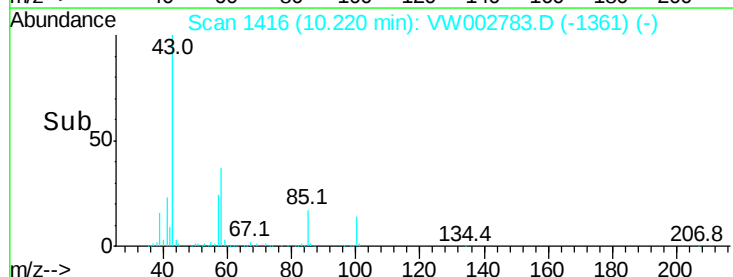
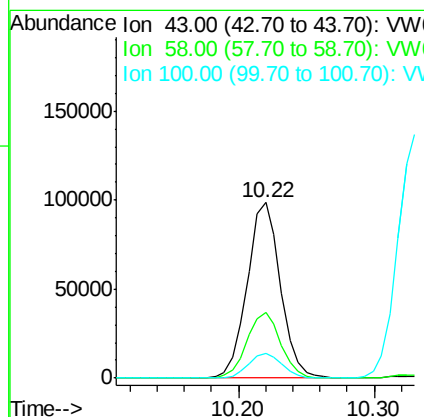
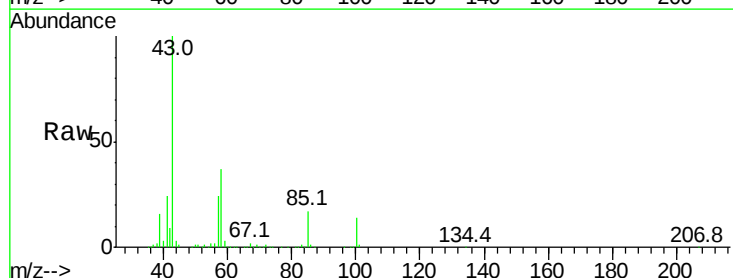
#42
 cis-1,3-Dichloropropene
 Concen: 23.80 ug/L
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

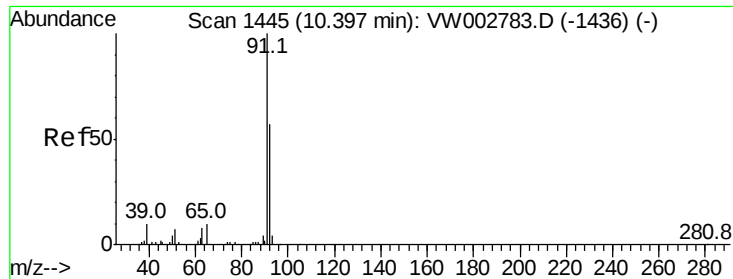
Tgt Ion: 75 Resp: 162607
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.0 40.8



#43
 4-Methyl-2-pentanone
 Concen: 45.41 ug/L
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

Tgt Ion: 43 Resp: 169278
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.2 45.2
 100 14.3 12.1 18.1





#44

Toluene

Concen: 24.17 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002783.D

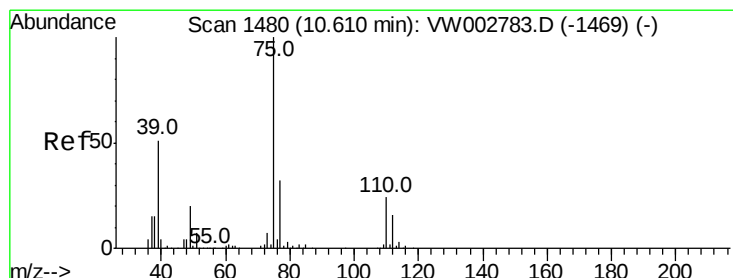
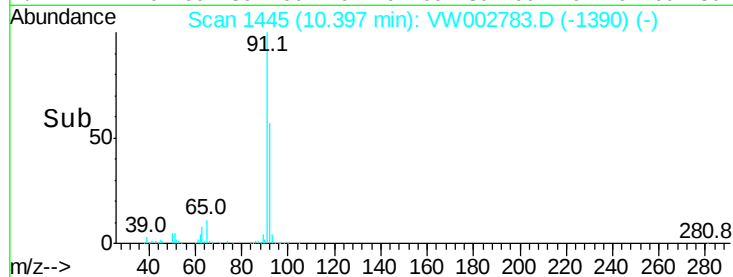
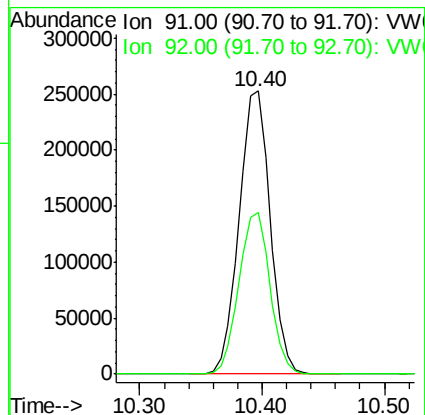
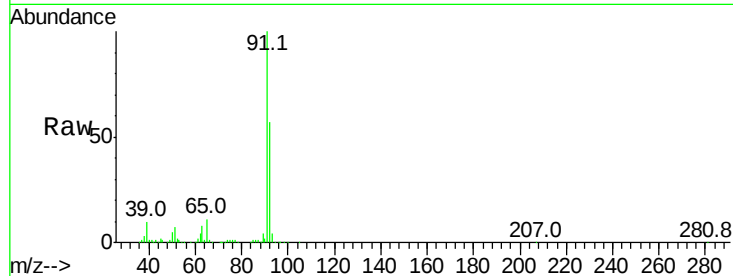
Acq: 22 May 2018 10:41

Tgt Ion: 91 Resp: 445488

Ion Ratio Lower Upper

91 100

92 57.2 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 24.19 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002783.D

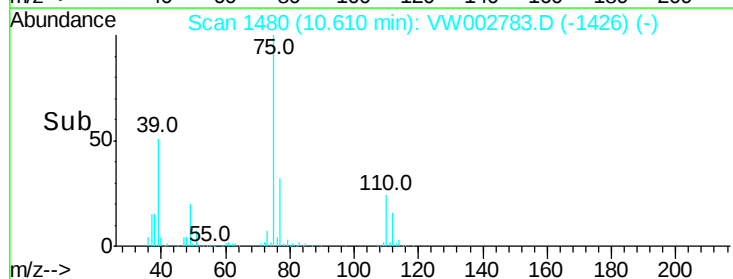
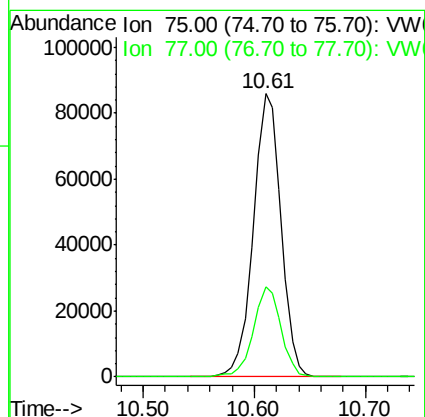
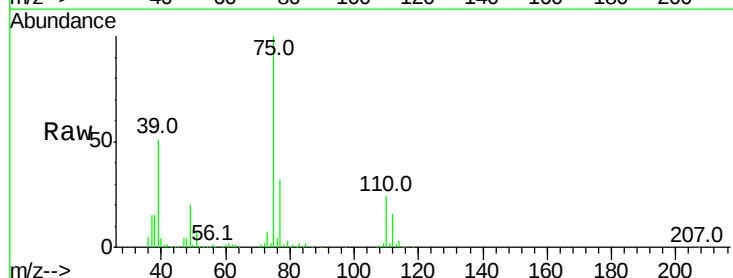
Acq: 22 May 2018 10:41

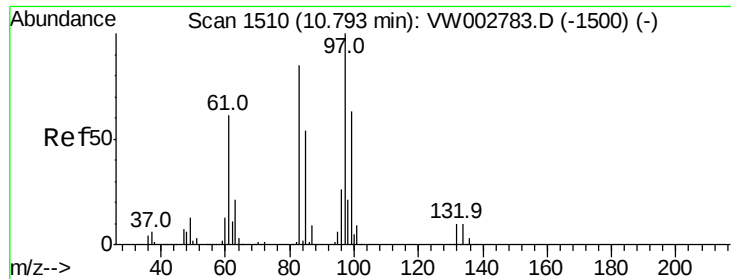
Tgt Ion: 75 Resp: 148695

Ion Ratio Lower Upper

75 100

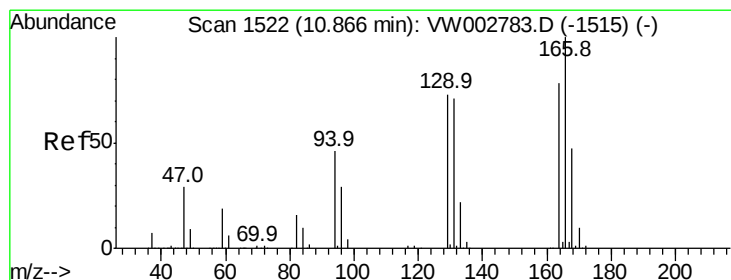
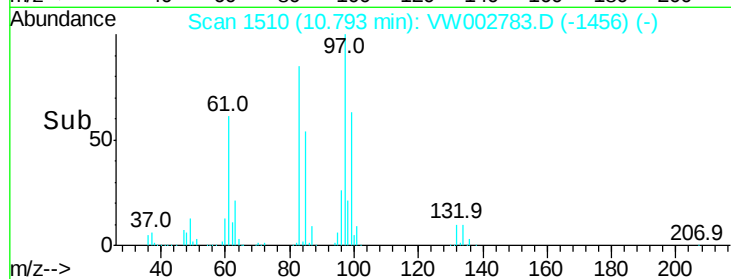
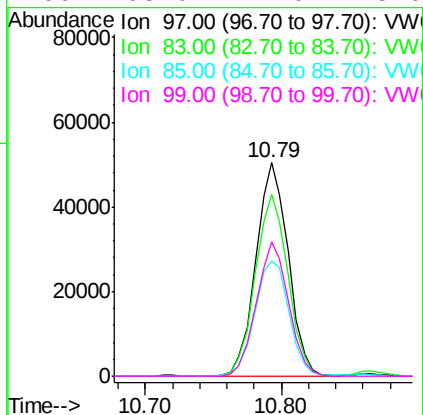
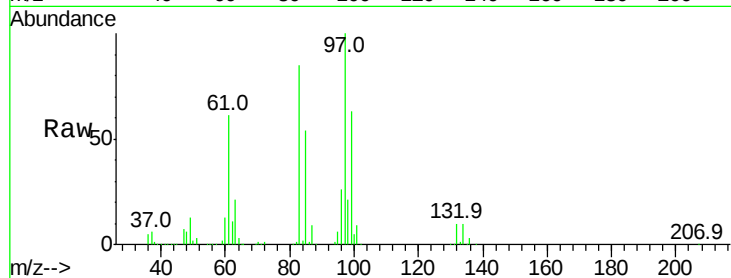
77 31.8 21.7 40.3





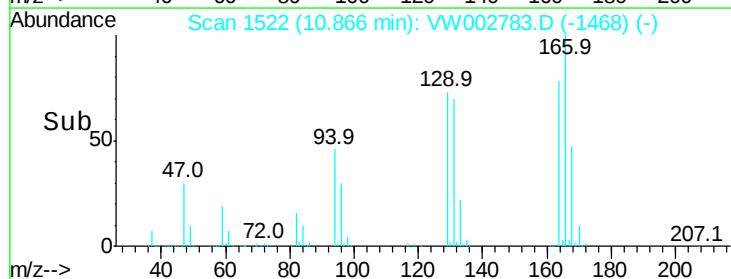
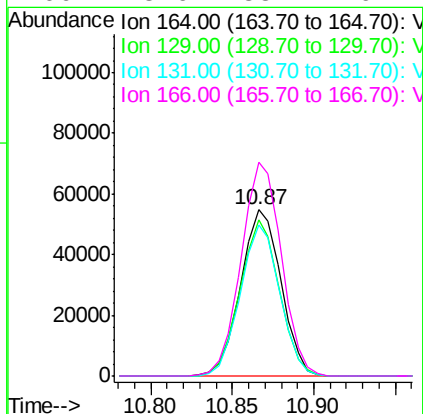
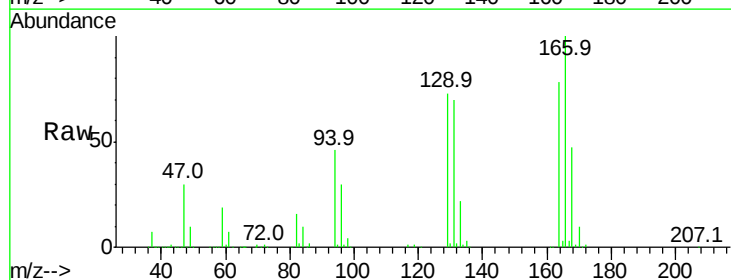
#46
 1,1,2-Trichloroethane
 Concen: 23.02 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

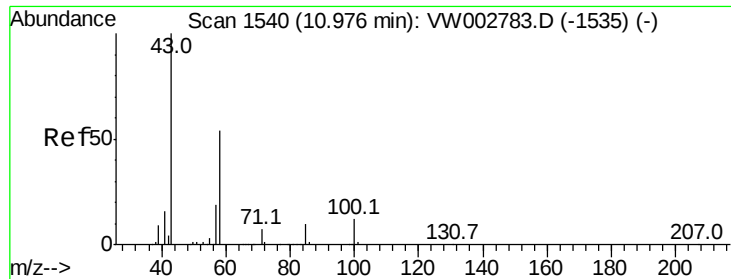
Tgt Ion:	97	Resp:	84349
Ion	Ratio	Lower	Upper
97	100		
83	85.0	60.6	112.6
85	53.8	37.9	70.3
99	63.0	42.0	78.0



#47
 Tetrachloroethene
 Concen: 24.24 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

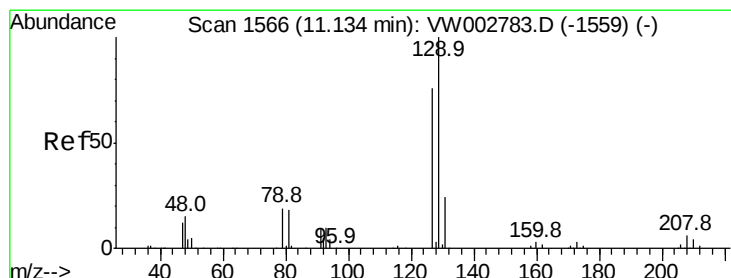
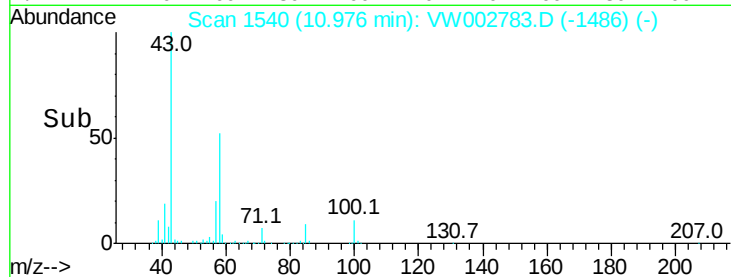
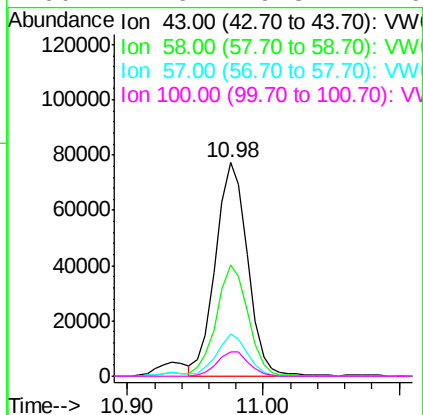
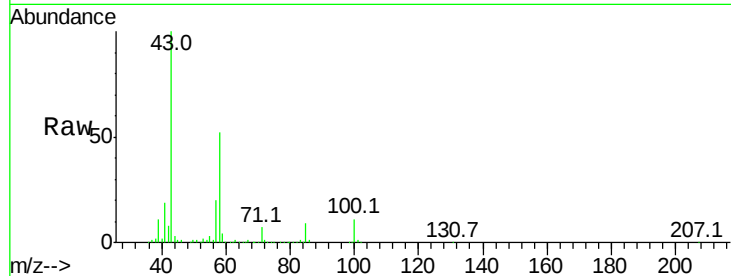
Tgt Ion:	164	Resp:	94564
Ion	Ratio	Lower	Upper
164	100		
129	94.1	64.4	119.6
131	90.7	63.2	117.4
166	128.6	88.7	164.7





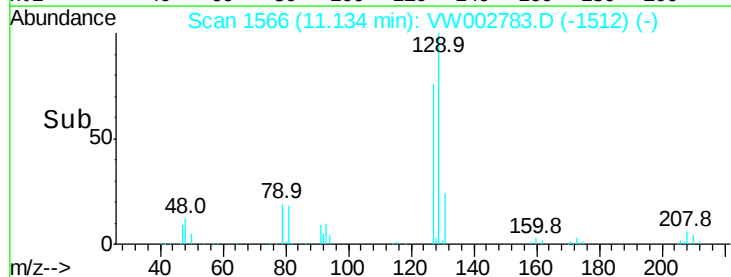
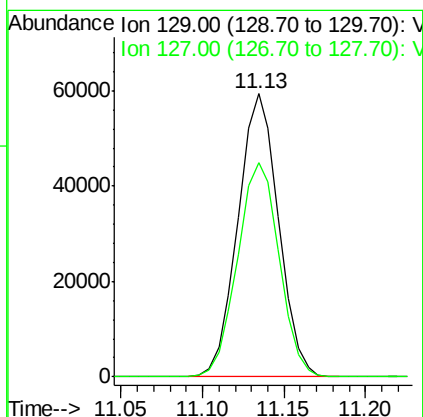
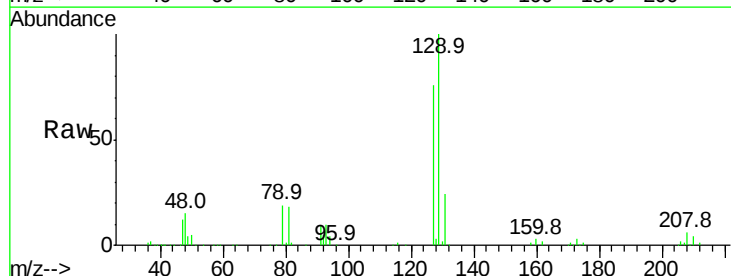
#49
2-Hexanone
Concen: 45.78 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

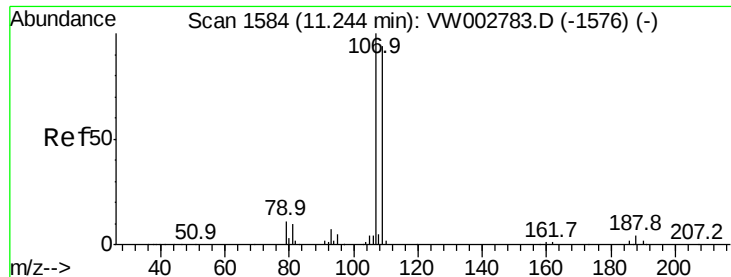
Tgt Ion:	43	Resp:	126560
Ion	Ratio	Lower	Upper
43	100		
58	51.5	42.8	64.2
57	18.5	15.9	23.9
100	11.6	9.8	14.6



#50
Dibromochloromethane
Concen: 23.36 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

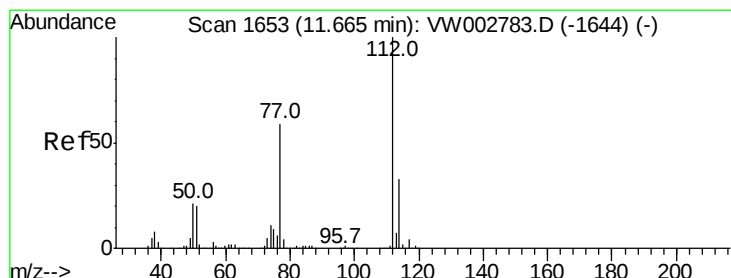
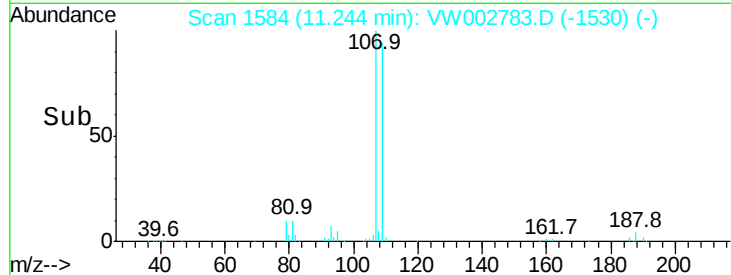
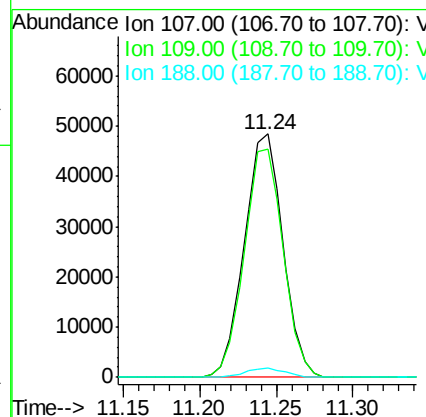
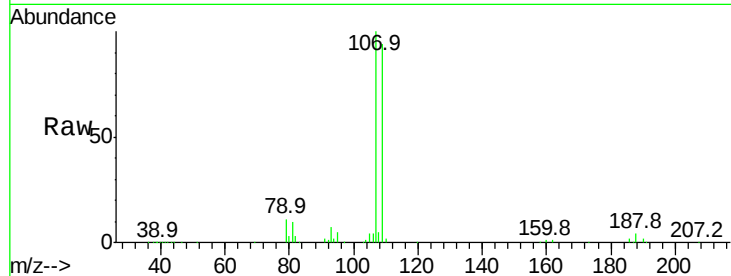
Tgt Ion:	129	Resp:	103078
Ion	Ratio	Lower	Upper
129	100		
127	75.7	52.6	97.8





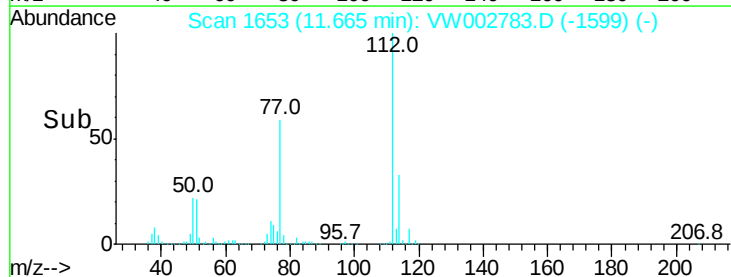
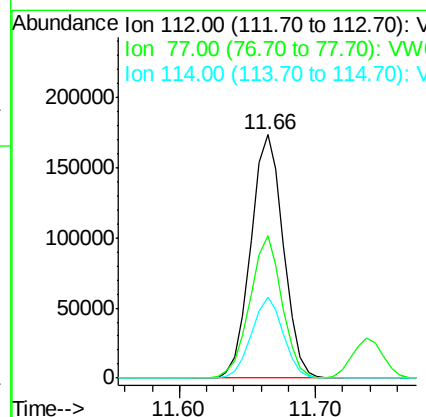
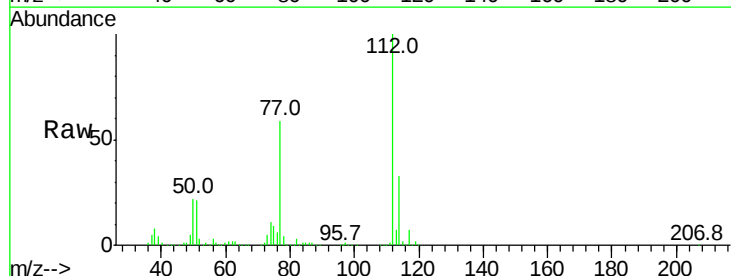
#51
 1,2-Dibromoethane
 Concen: 23.83 ug/L
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

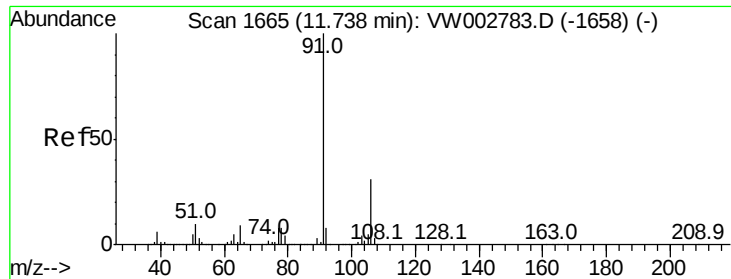
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.7	65.5	121.6
188	3.9	3.3	4.9



#52
 Chlorobenzene
 Concen: 23.64 ug/L
 RT: 11.66 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

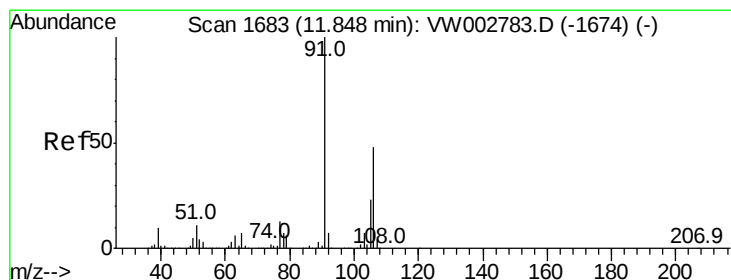
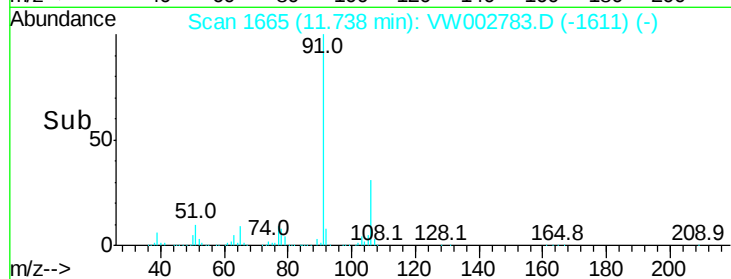
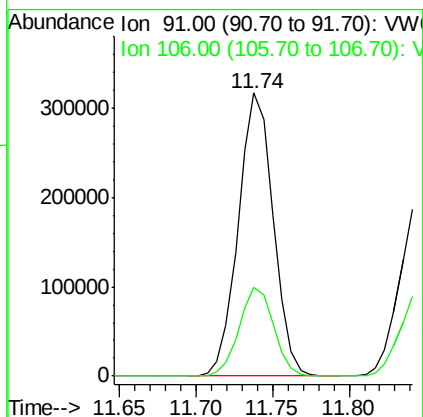
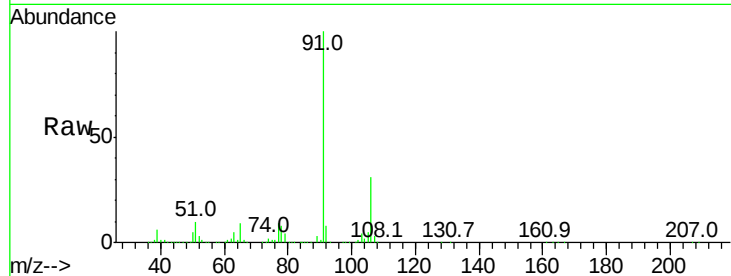
Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.7	44.7	67.1
114	33.1	21.8	40.6





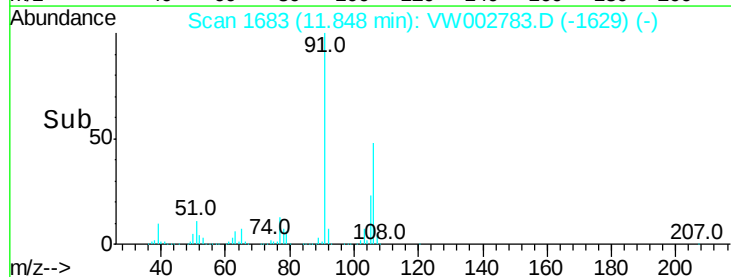
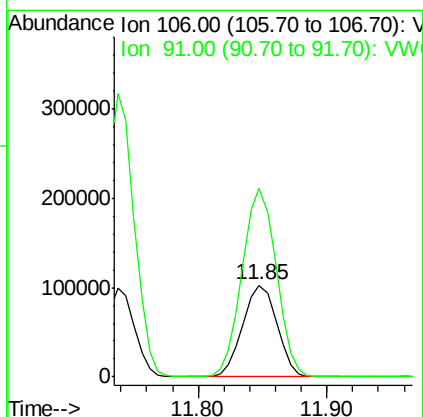
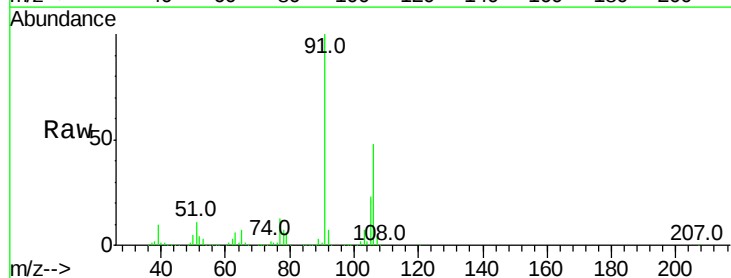
#53
Ethylbenzene
Concen: 23.83 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

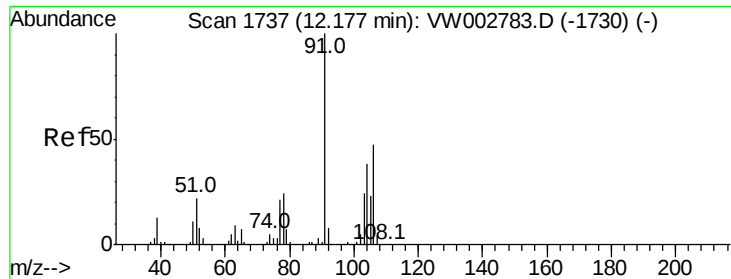
Tgt Ion: 91 Resp: 501622
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8



#54
m,p-Xylene
Concen: 23.78 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

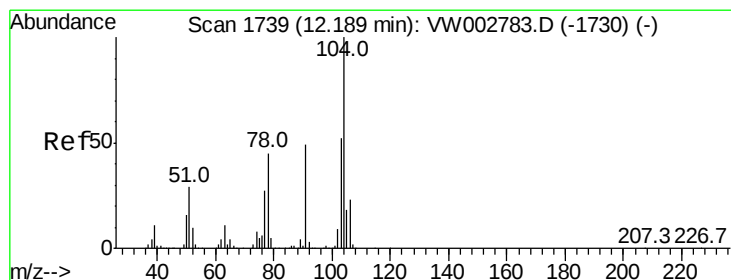
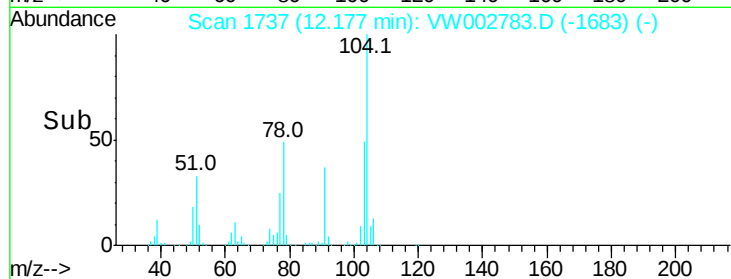
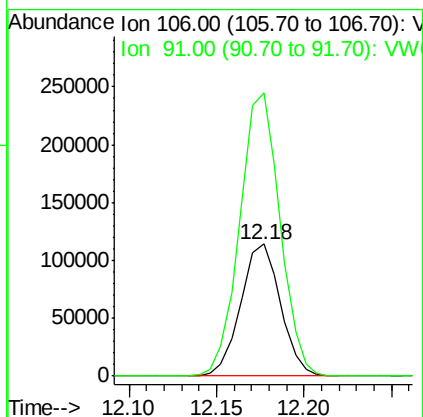
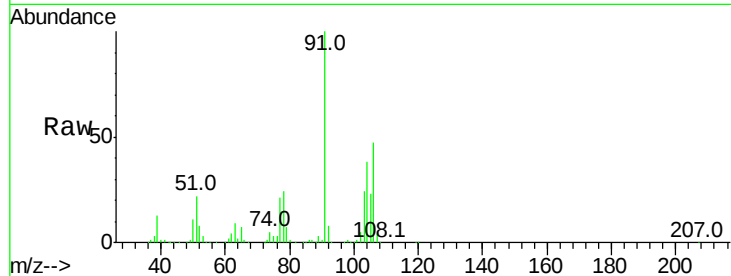
Tgt Ion: 106 Resp: 189571
Ion Ratio Lower Upper
106 100
91 206.4 140.6 261.0





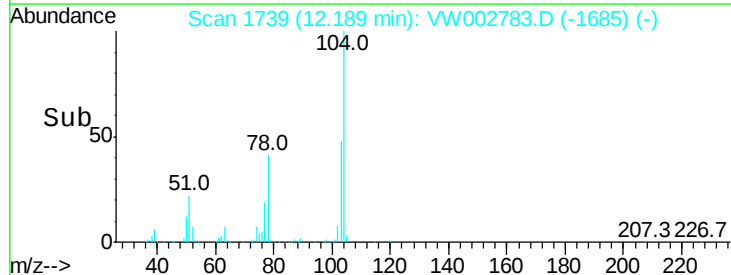
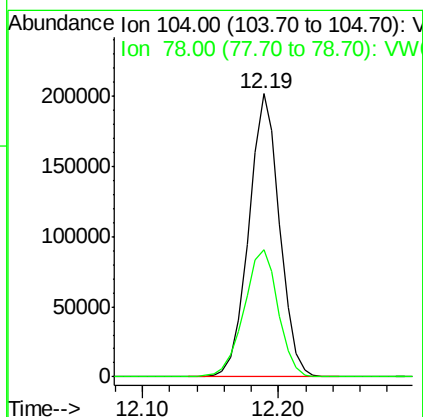
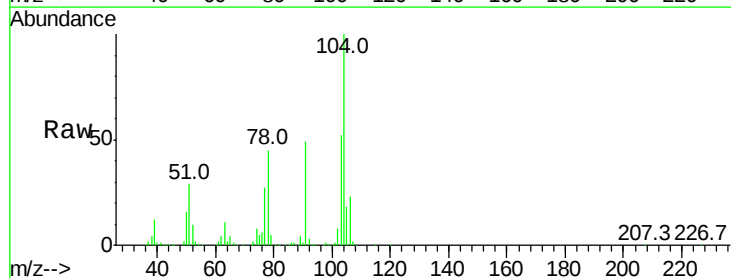
#55
o-xylene
Concen: 23.37 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

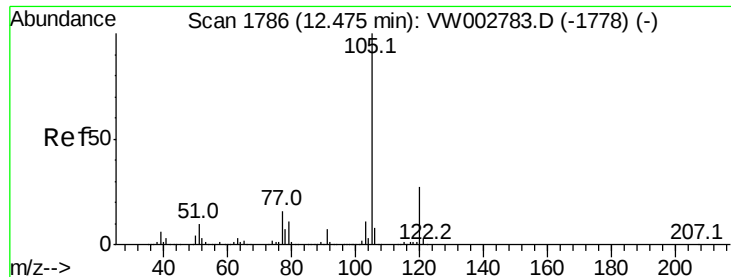
Tgt Ion:106 Resp: 181460
Ion Ratio Lower Upper
106 100
91 214.5 150.2 279.0



#56
Styrene
Concen: 24.01 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion:104 Resp: 318801
Ion Ratio Lower Upper
104 100
78 44.9 32.4 60.2





#57

Isopropylbenzene

Concen: 23.22 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

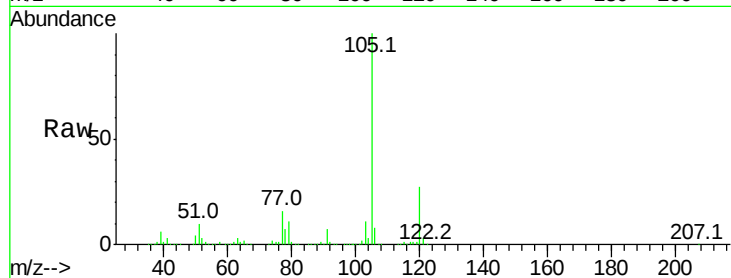
Tgt Ion: 105 Resp: 498694

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

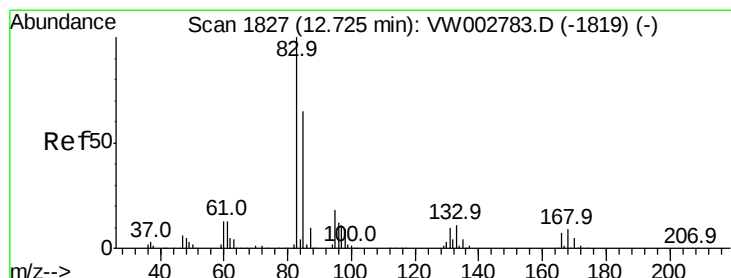
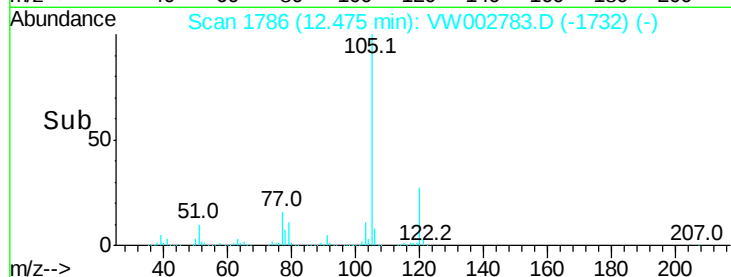
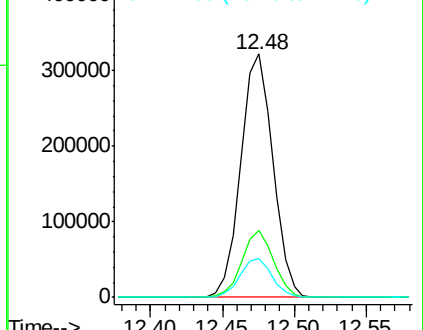
77 15.8 12.8 19.2



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: 22.65 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

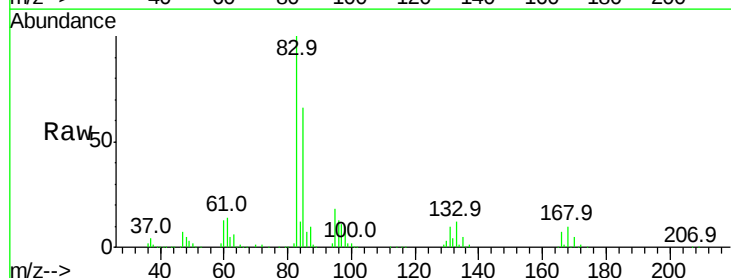
Tgt Ion: 83 Resp: 113955

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7

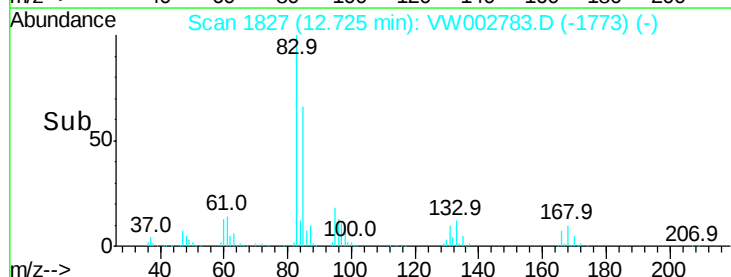
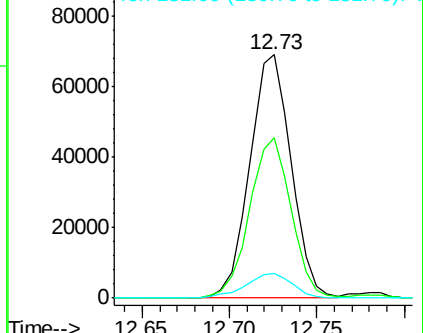
131 10.3 8.2 12.2

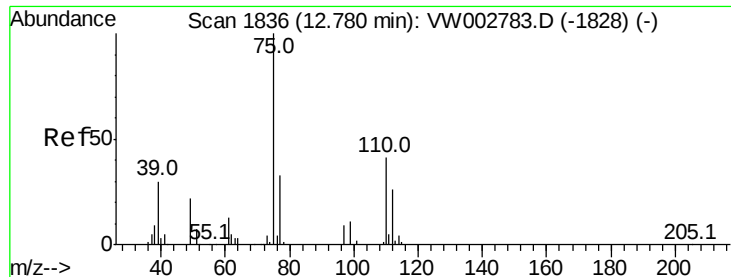


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 22.19 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002783.D

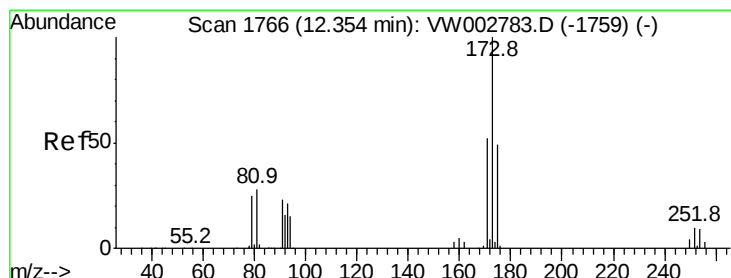
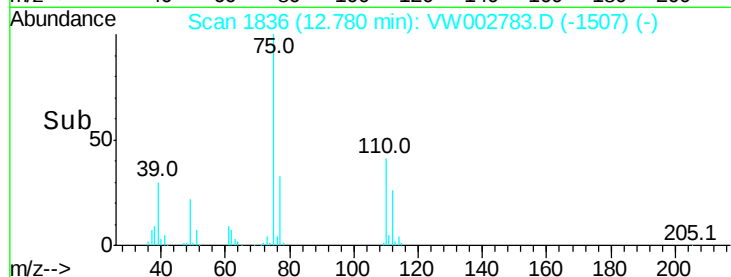
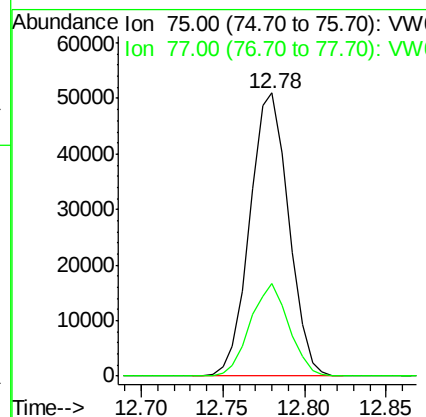
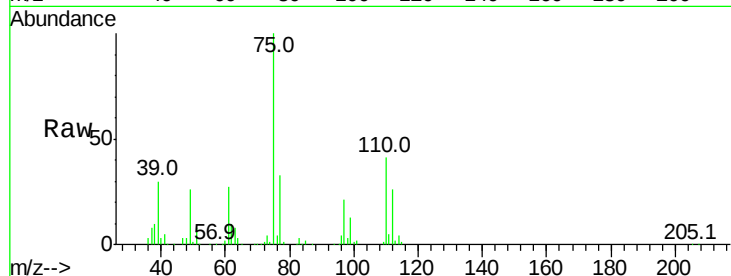
Acq: 22 May 2018 10:41

Tgt Ion: 75 Resp: 84573

Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9



#62

Bromoform

Concen: 22.94 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW002783.D

Acq: 22 May 2018 10:41

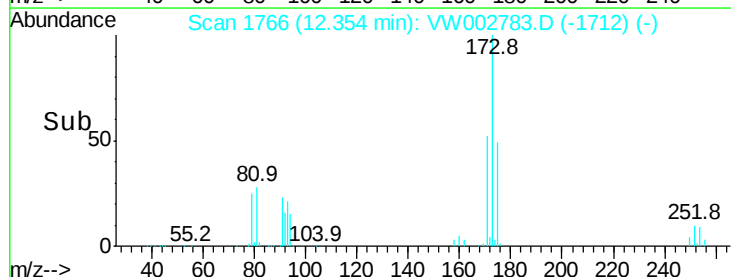
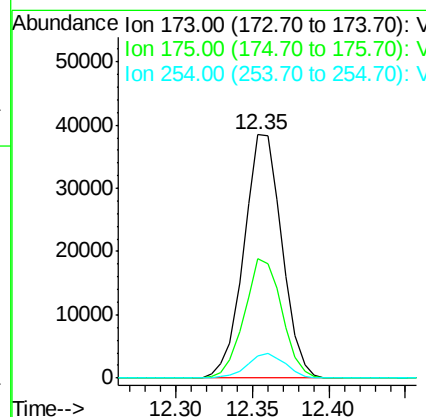
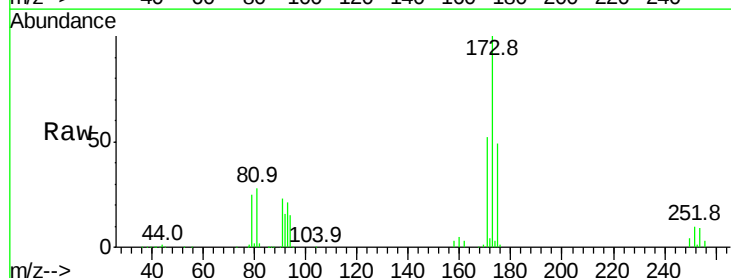
Tgt Ion: 173 Resp: 66424

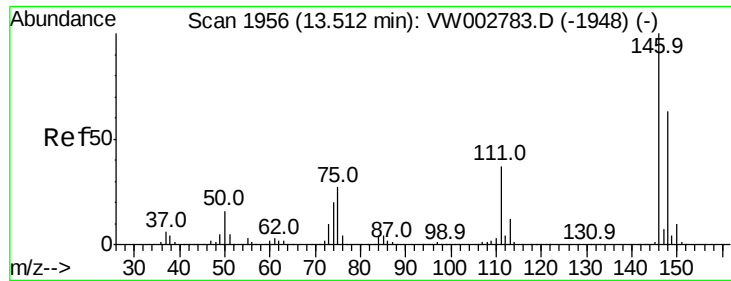
Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.0

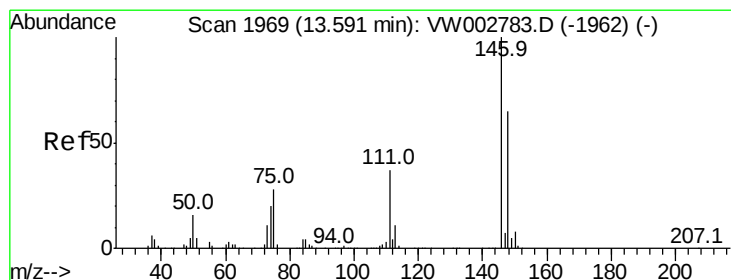
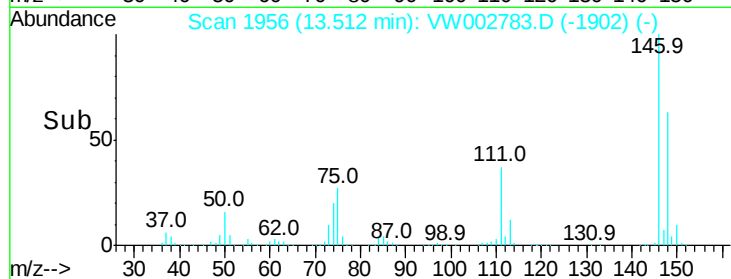
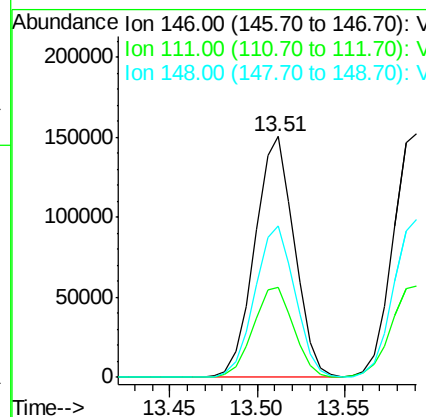
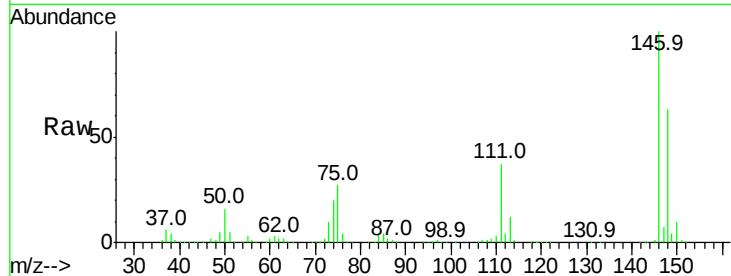
254 10.1 8.5 12.7





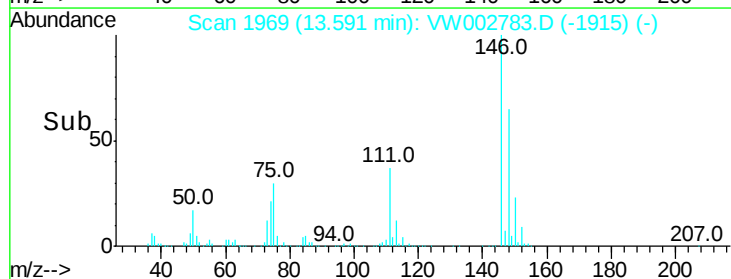
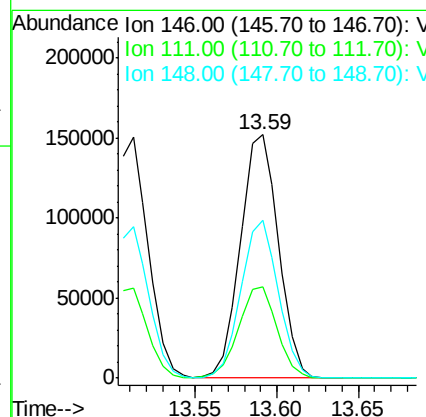
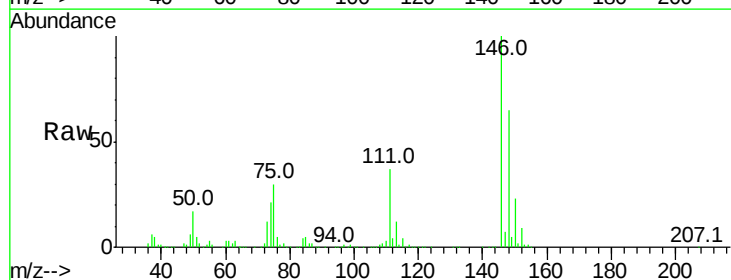
#63
 1,3-Dichlorobenzene
 Concen: 22.80 ug/L
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

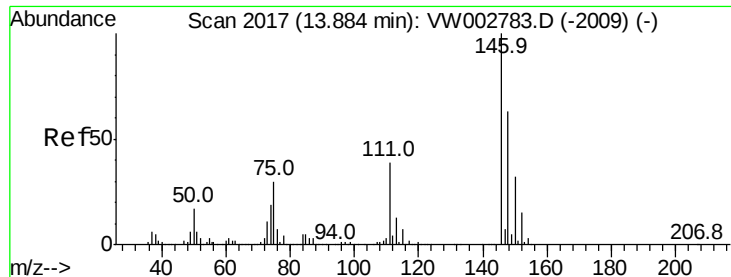
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.7	49.5
148	63.0	44.3	82.3



#64
 1,4-Dichlorobenzene
 Concen: 23.05 ug/L
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

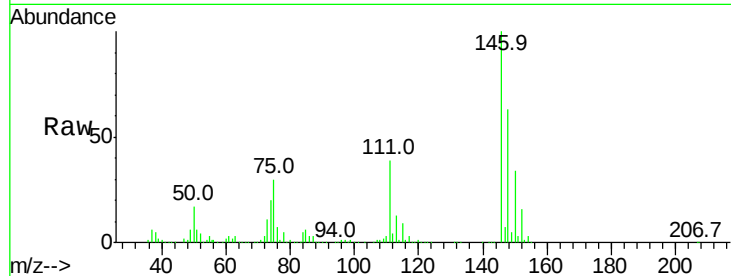
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	25.6	47.4
148	65.0	43.2	80.2



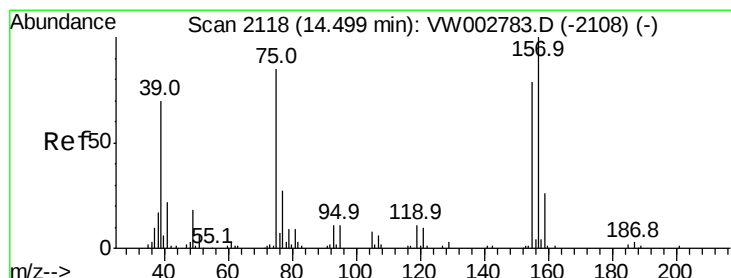
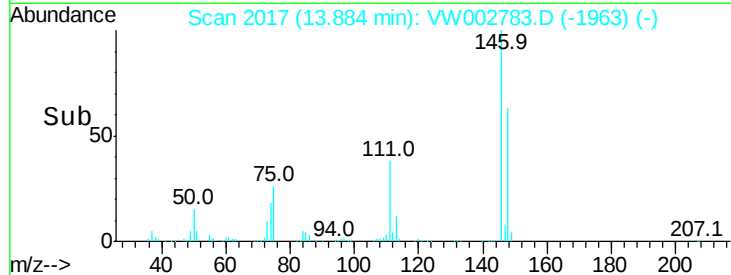
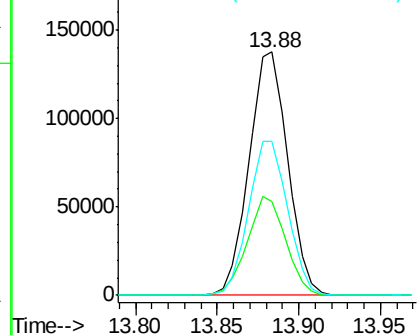


#65
 1,2-Dichlorobenzene
 Concen: 23.11 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.5	47.3
148	63.4	52.3	78.5

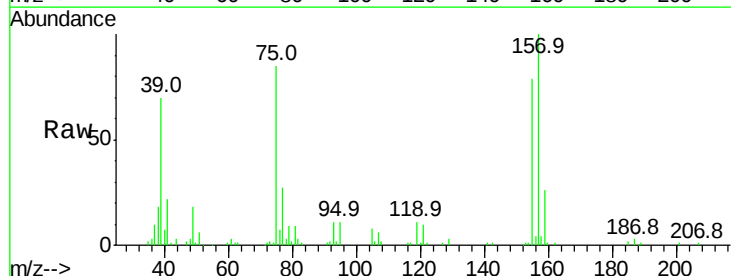


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

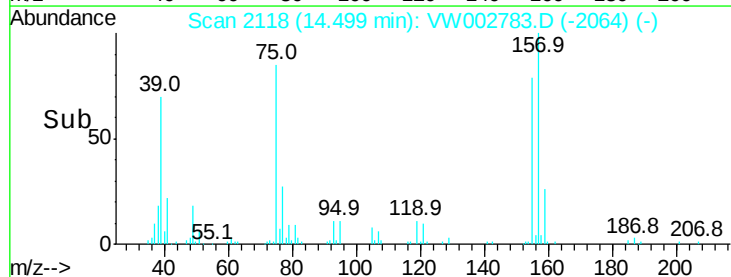
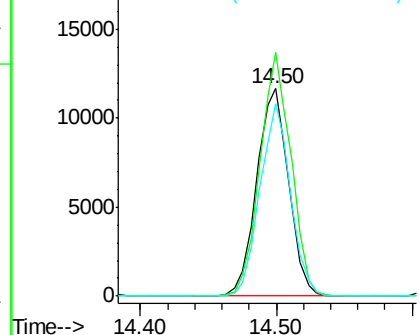


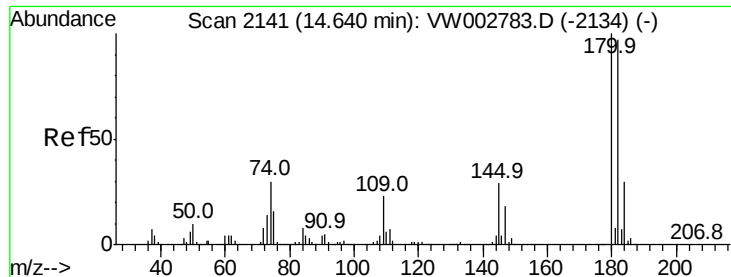
#66
 1,2-Dibromo-3-chloropropane
 Concen: 21.13 ug/L
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
157	117.2	87.6	131.4
155	92.9	66.2	99.4



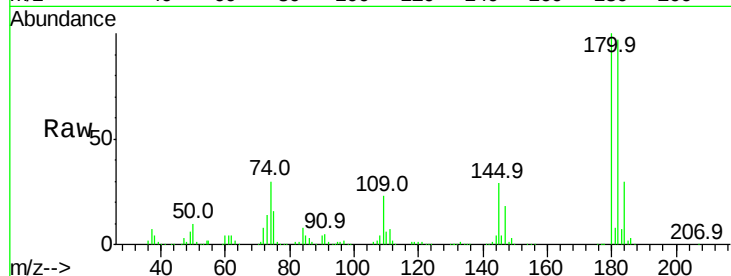
Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 157.00 (156.70 to 157.70): V
 Ion 155.00 (154.70 to 155.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 22.91 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

Tgt Ion:	180	Resp:	192114
Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.0	115.6
184	30.3	24.3	36.5
145	28.2	23.0	34.6

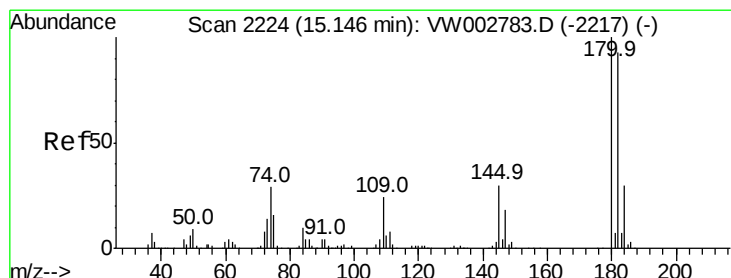
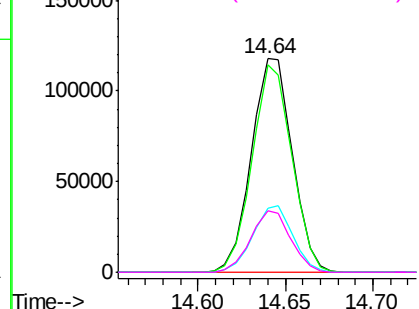
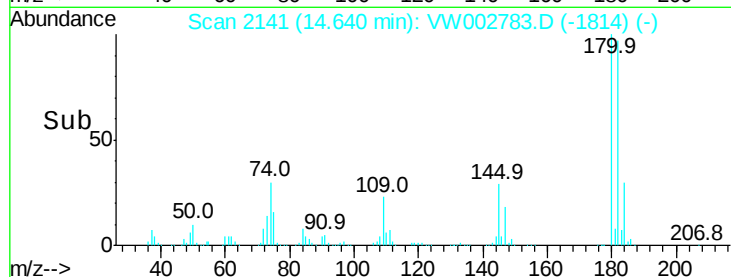


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

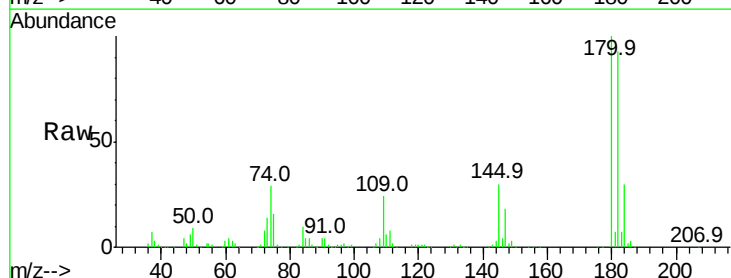
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 22.89 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002783.D
 Acq: 22 May 2018 10:41

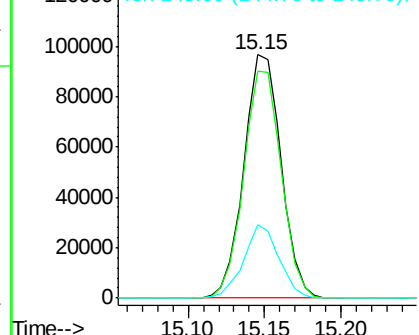
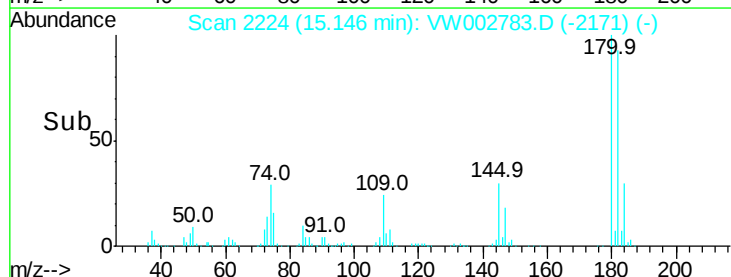
Tgt Ion:	180	Resp:	163682
Ion	Ratio	Lower	Upper
180	100		
182	94.1	74.6	112.0
145	28.5	23.1	34.7

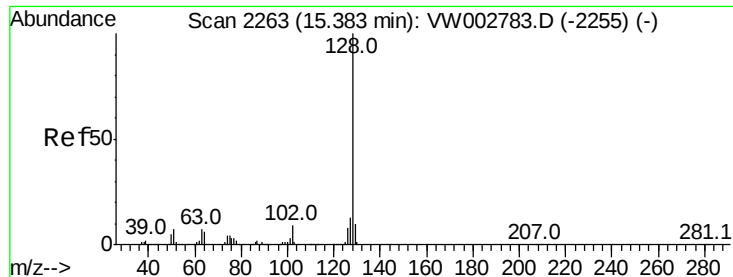


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

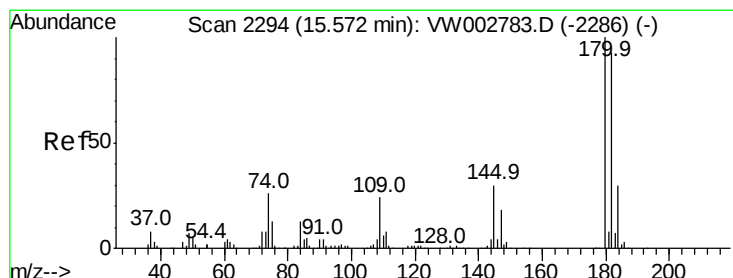
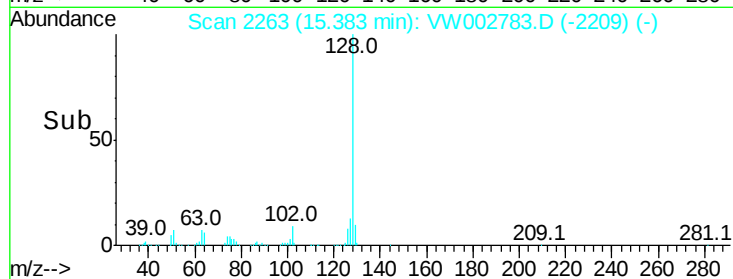
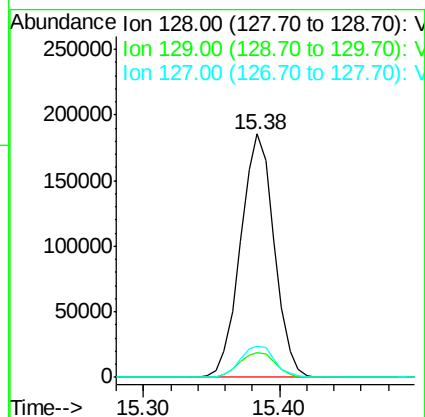
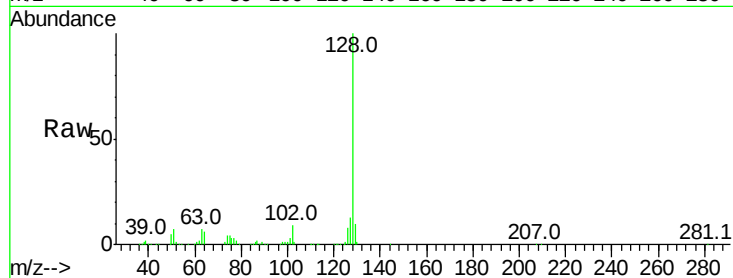
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 21.57 ug/L
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion:	128	Resp:	320186
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.3	10.6	16.0



#70
1,2,3-Trichlorobenzene
Concen: 23.22 ug/L
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW002783.D
Acq: 22 May 2018 10:41

Tgt Ion:	180	Resp:	153844
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.7	115.1
145	30.6	24.7	37.1

