

Data File : VW002782.D
Acq On : 22 May 2018 10:15
Operator : JC/SY
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:05:42 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	324236	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	300910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156370	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	20718	4.20	ug/L	0.00
7) Chloroethane-d5	2.88	69	18760	4.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	36764	4.42	ug/L	0.00
20) 2-Butanone-d5	7.09	46	15166	9.23	ug/L	0.00
24) Chloroform-d	7.65	84	38808	4.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23692	4.67	ug/L	0.00
29) Benzene-d6	8.27	84	71098	4.26	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	23331	4.52	ug/L	0.00
37) Toluene-d8	10.33	98	69823	4.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	10600	4.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10848	8.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	24627	4.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	28665	4.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	7618	3.77	ug/L	# 78
3) Chloromethane	2.21	50	18219	5.91	ug/L	99
5) Vinyl chloride	2.36	62	30929	5.92	ug/L	94
6) Bromomethane	2.77	94	20341	5.53	ug/L	96
8) Chloroethane	2.92	64	18652	5.39	ug/L	98
9) Trichlorofluoromethane	3.25	101	12786	4.18	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	20324	5.02	ug/L	98
12) 1,1-Dichloroethene	4.02	96	20507	5.51	ug/L	96
13) Acetone	4.12	43	14812	9.21	ug/L	98
14) Carbon disulfide	4.37	76	62686	6.34	ug/L	99
15) Methyl Acetate	4.67	43	14320	5.79	ug/L	98
16) Methylene chloride	4.92	84	22091	5.39	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	36058	5.06	ug/L	# 86
18) trans-1,2-Dichloroethene	5.40	96	21254	5.52	ug/L	89
19) 1,1-Dichloroethane	6.21	63	37329	5.28	ug/L	94
21) 2-Butanone	7.18	43	18492	9.78	ug/L	81
22) cis-1,2-Dichloroethene	7.17	96	22966	5.25	ug/L	94
23) Bromochloromethane	7.51	128	11877	5.74	ug/L	91
25) Chloroform	7.67	83	40287	5.27	ug/L	98
27) 1,2-Dichloroethane	8.40	62	29887	5.63	ug/L	95
30) Cyclohexane	7.95	56	31338	5.09	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	30817	5.04	ug/L	99
32) Carbon tetrachloride	8.06	117	29811	5.03	ug/L	99
34) Benzene	8.32	78	86260	5.41	ug/L	100
35) Trichloroethene	9.09	95	23983	5.52	ug/L	97
36) Methylcyclohexane	9.34	83	36523	5.16	ug/L	96
40) 1,2-Dichloropropane	9.38	63	22929	5.41	ug/L	98
41) Bromodichloromethane	9.65	83	28254	5.10	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	32700	4.98	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	36767	10.25	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

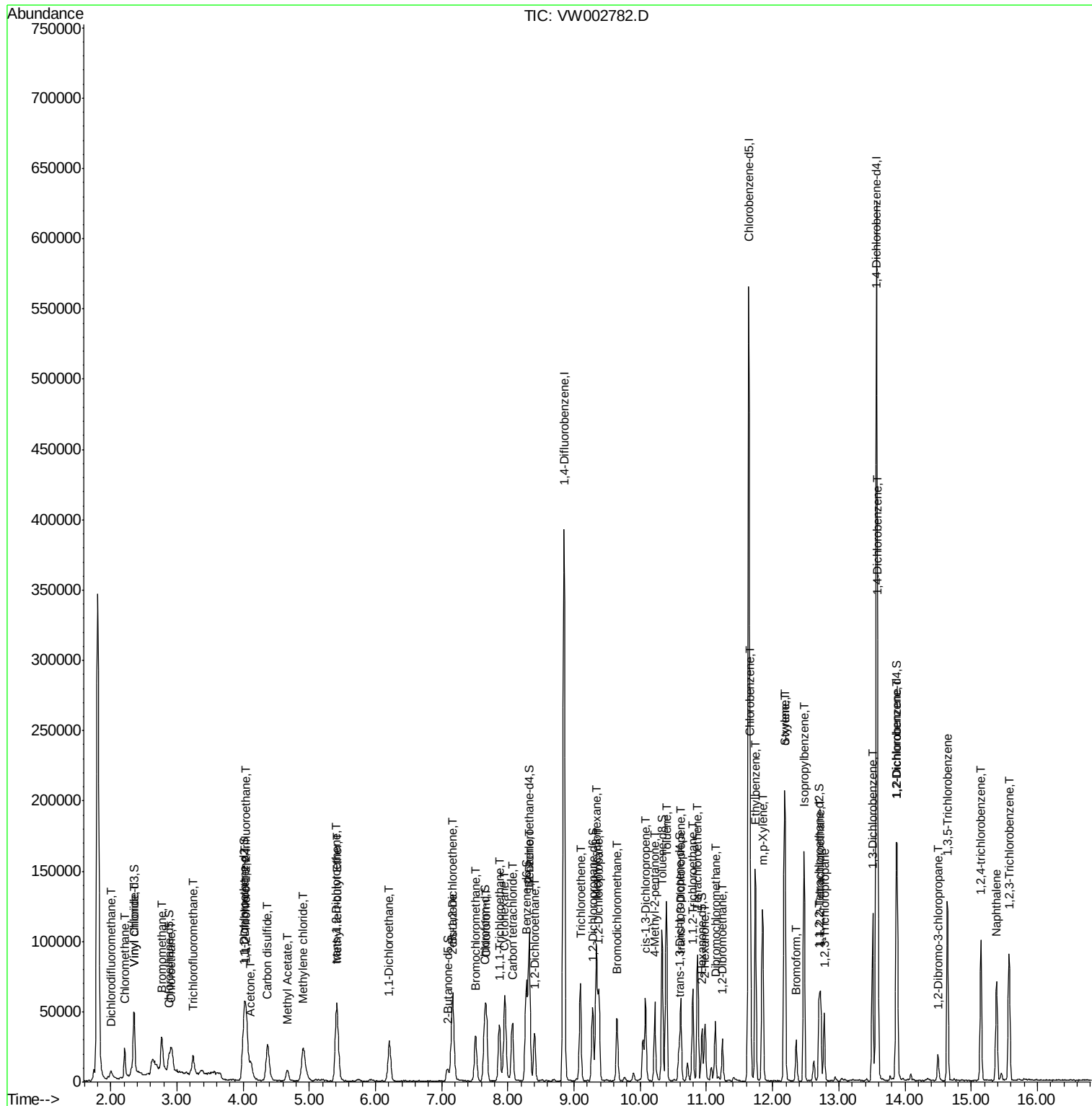
44) Toluene	10.40	91	91624	5.17	ug/L	97
45) trans-1,3-Dichloropropene	10.62	75	28846	4.88	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	18544	5.26	ug/L	95
47) Tetrachloroethene	10.87	164	20242	5.39	ug/L	97
49) 2-Hexanone	10.98	43	26484	9.96	ug/L	99
50) Dibromochloromethane	11.13	129	21323	5.02	ug/L	100
51) 1,2-Dibromoethane	11.24	107	18259	5.32	ug/L	99
52) Chlorobenzene	11.66	112	61541	5.19	ug/L	98
53) Ethylbenzene	11.74	91	99726	4.93	ug/L	99
54) m,p-Xylene	11.85	106	38974	5.08	ug/L	88
55) o-xylene	12.18	106	35542	4.76	ug/L	94
56) Styrene	12.19	104	62448	4.89	ug/L	98
57) Isopropylbenzene	12.48	105	97076	4.70	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	24979	5.16	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	18843	5.14	ug/L	100
62) Bromoform	12.35	173	13679	5.10	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	48401	5.04	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	51959	5.24	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	48258	5.28	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.50	75	4384	5.22	ug/L	91
67) 1,3,5-Trichlorobenzene	14.65	180	39631	5.10	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	31776	4.80	ug/L	97
69) Naphthalene	15.38	128	58798	4.28	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	30968	5.05	ug/L	99

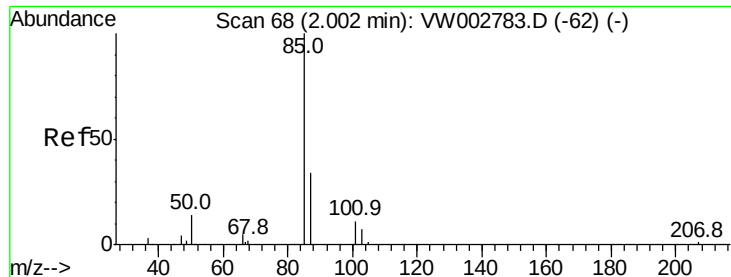
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 3.77 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002782.D

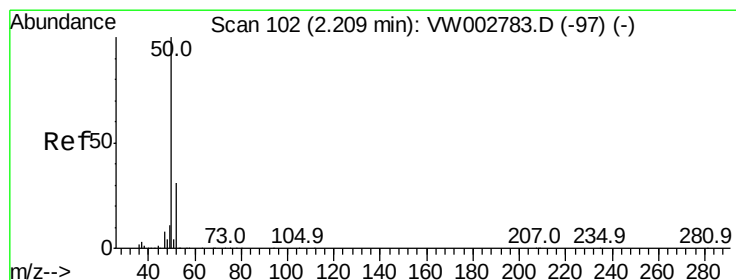
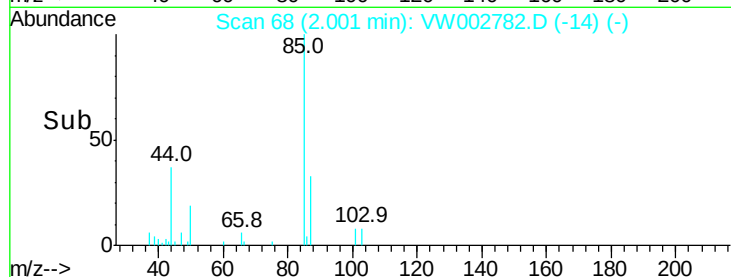
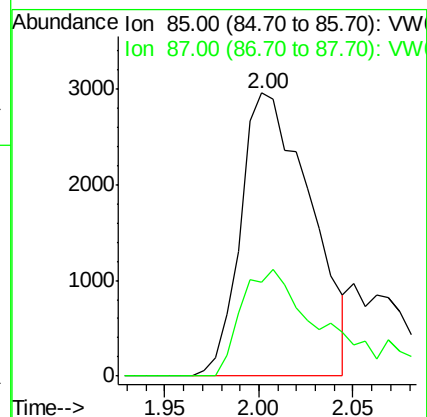
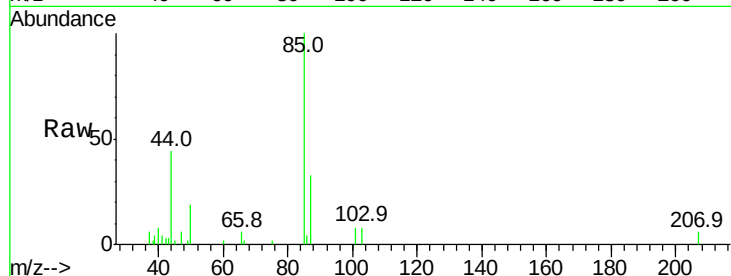
Acq: 22 May 2018 10:15

Tgt Ion: 85 Resp: 7618

Ion Ratio Lower Upper

85 100

87 32.2 15.2 28.2#



#3

Chloromethane

Concen: 5.91 ug/L

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002782.D

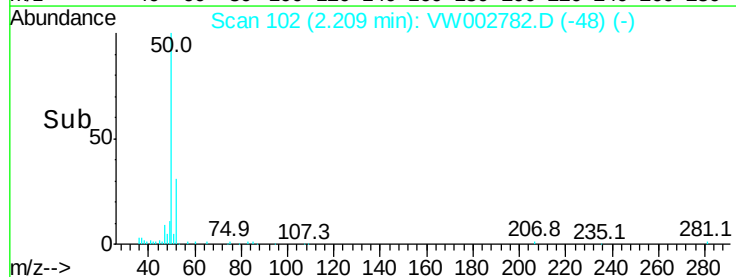
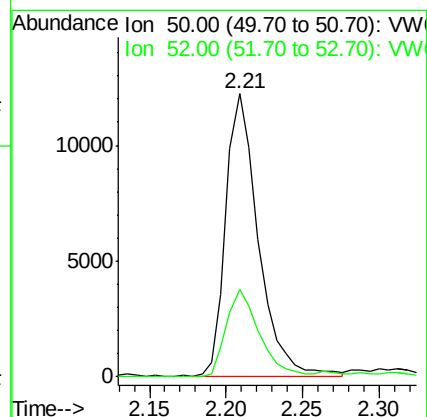
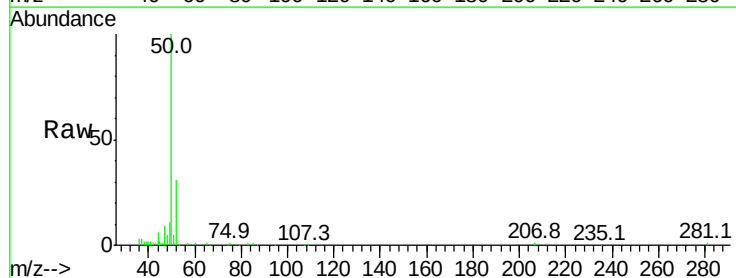
Acq: 22 May 2018 10:15

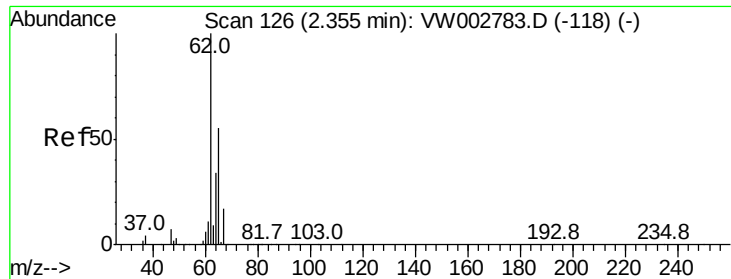
Tgt Ion: 50 Resp: 18219

Ion Ratio Lower Upper

50 100

52 31.0 21.4 39.8





#5

Vinyl chloride

Concen: 5.92 ug/L

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002782.D

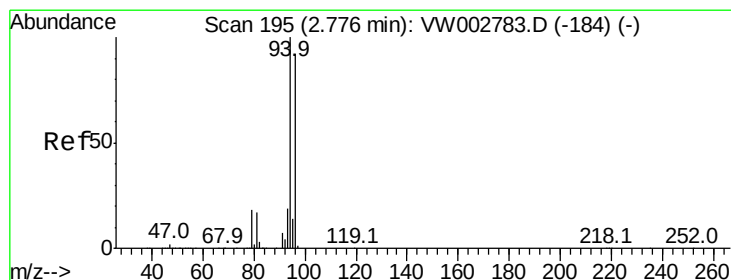
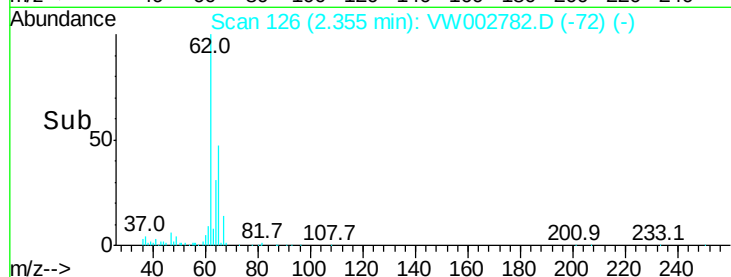
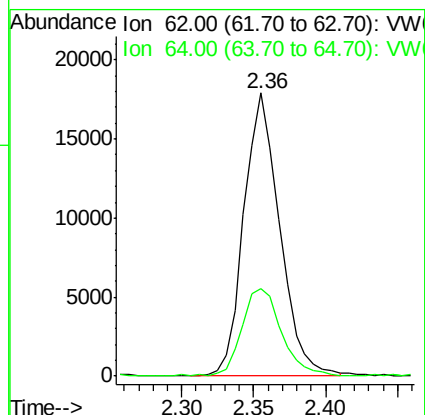
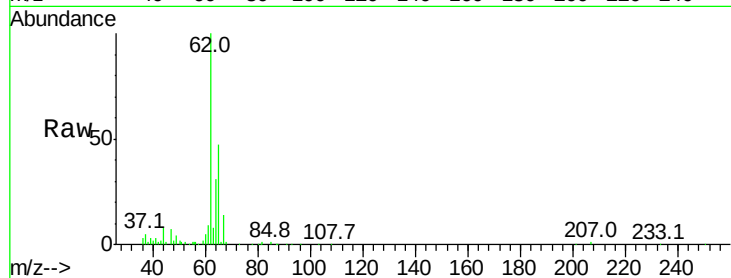
Acq: 22 May 2018 10:15

Tgt Ion: 62 Resp: 30929

Ion Ratio Lower Upper

62 100

64 30.9 24.0 44.6



#6

Bromomethane

Concen: 5.53 ug/L

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002782.D

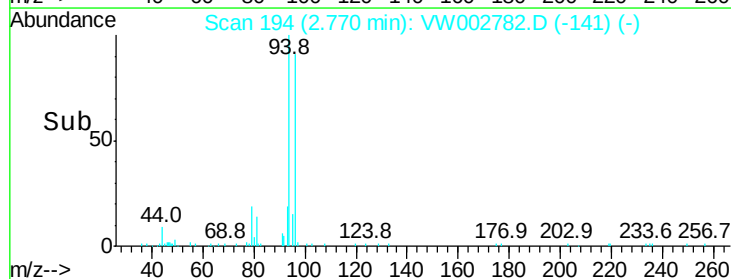
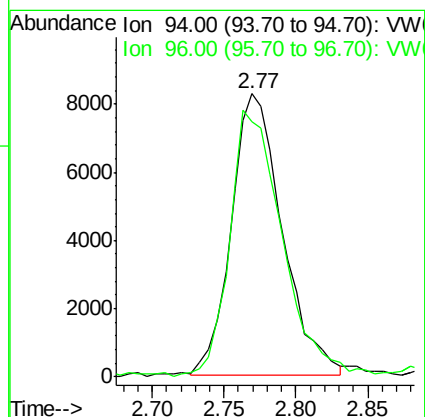
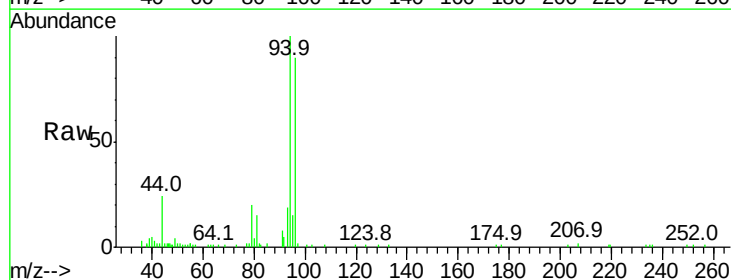
Acq: 22 May 2018 10:15

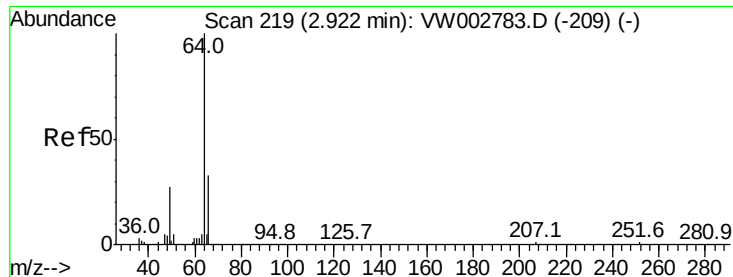
Tgt Ion: 94 Resp: 20341

Ion Ratio Lower Upper

94 100

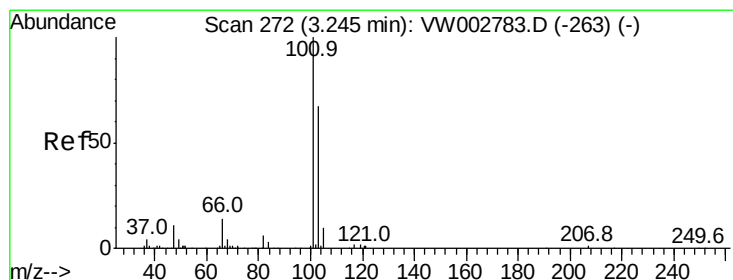
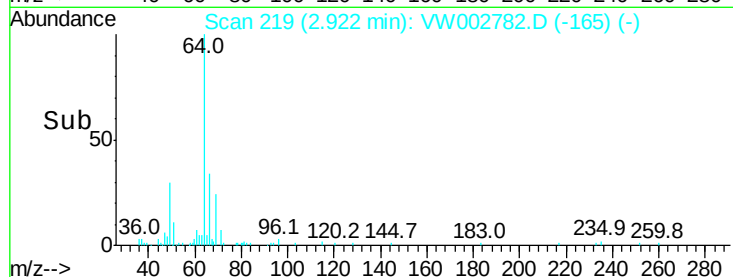
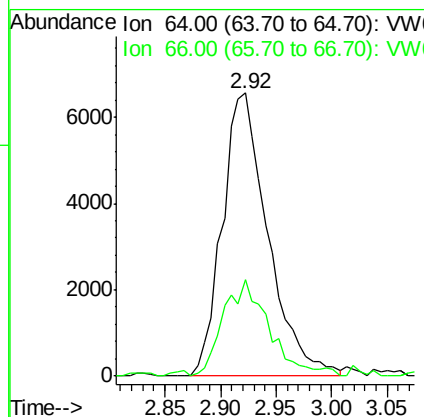
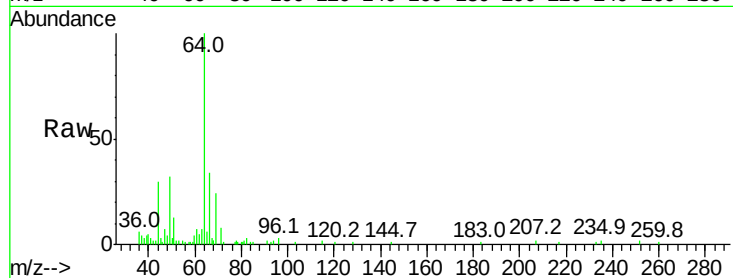
96 97.3 9.3 177.7





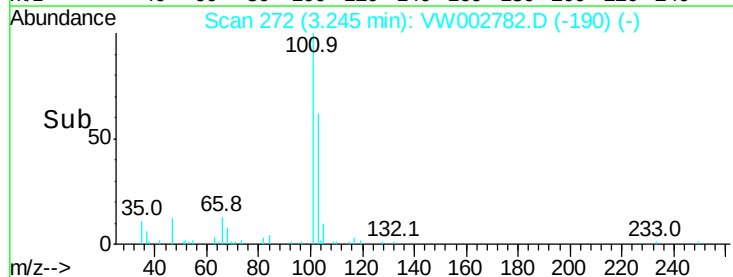
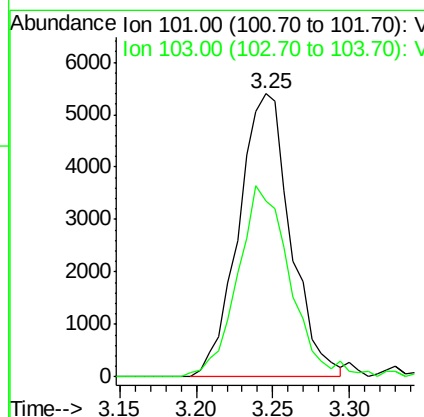
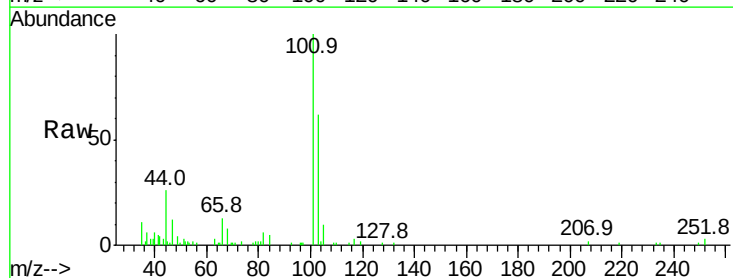
#8
Chloroethane
Concen: 5.39 ug/L
RT: 2.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

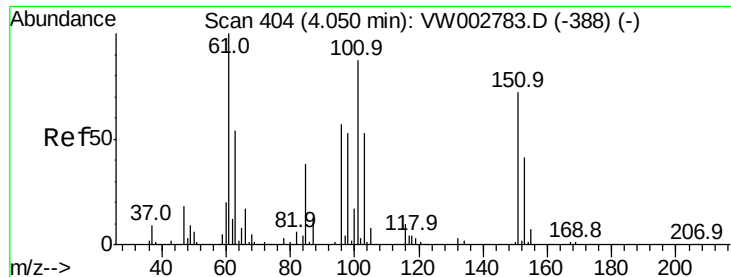
Tgt Ion: 64 Resp: 18652
Ion Ratio Lower Upper
64 100
66 34.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.18 ug/L
RT: 3.25 min Scan# 272
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

Tgt Ion: 101 Resp: 12786
Ion Ratio Lower Upper
101 100
103 66.0 45.0 83.6





#11

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

Concen: 5.02 ug/L

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

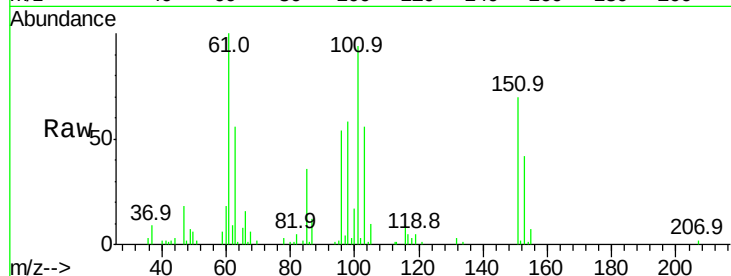
Tgt Ion: 101 Resp: 20324

Ion Ratio Lower Upper

101 100

85 45.5 33.8 50.8

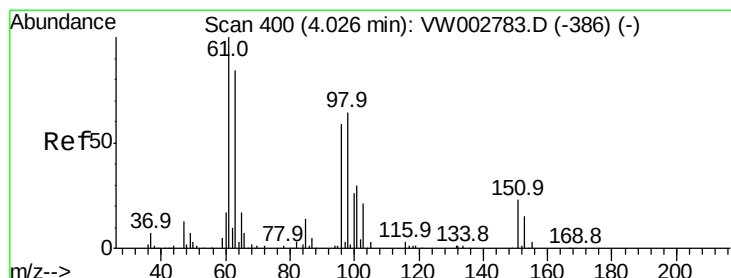
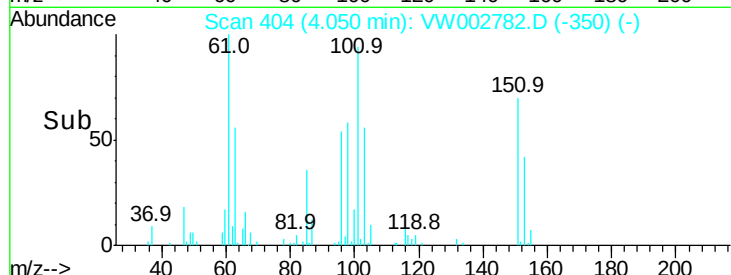
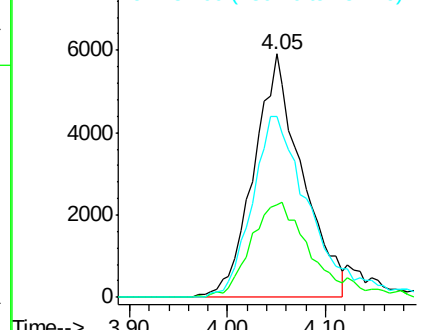
151 82.4 65.8 98.6



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: 5.51 ug/L

RT: 4.02 min Scan# 399

Delta R.T. -0.01 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

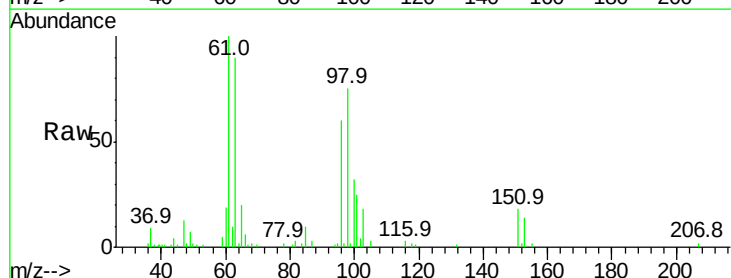
Tgt Ion: 96 Resp: 20507

Ion Ratio Lower Upper

96 100

61 165.7 119.9 222.7

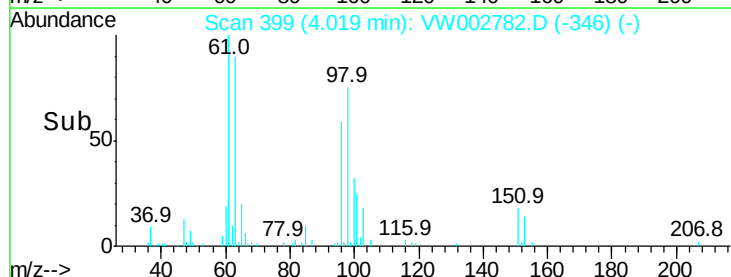
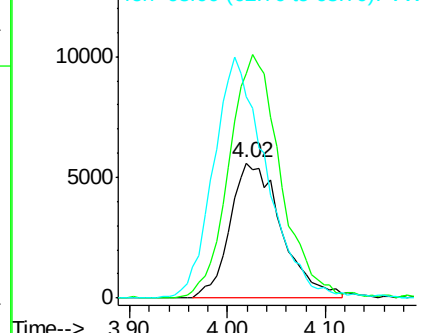
63 148.9 100.7 187.1

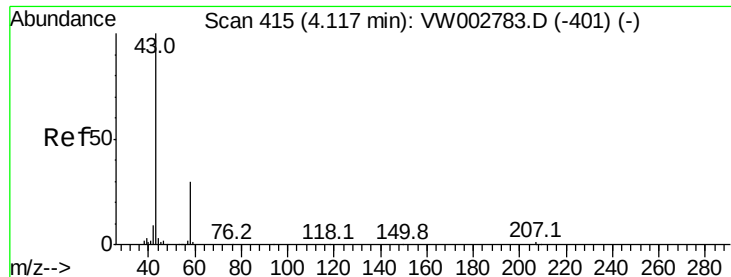


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 9.21 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002782.D

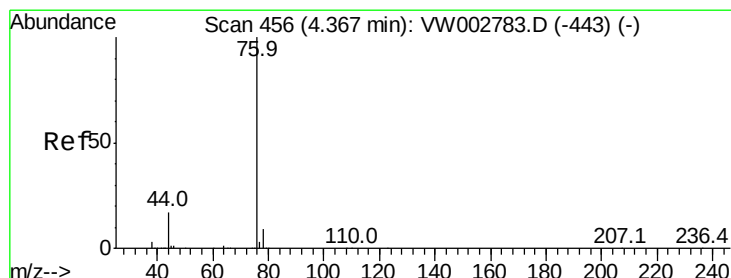
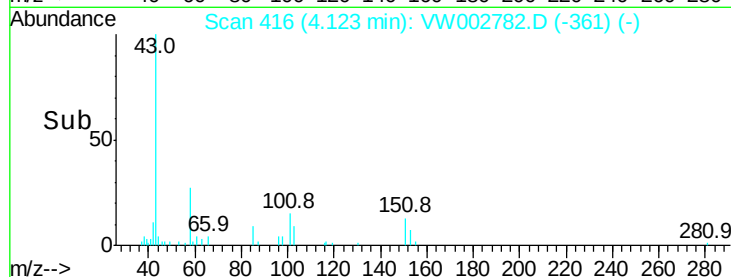
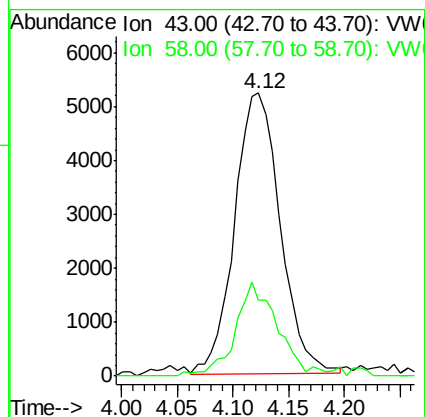
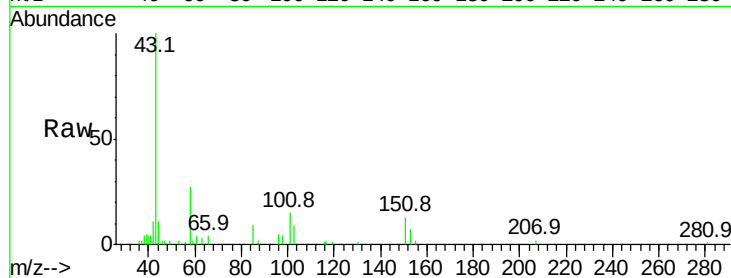
Acq: 22 May 2018 10:15

Tgt Ion: 43 Resp: 14812

Ion Ratio Lower Upper

43 100

58 29.5 0.0 60.6



#14

Carbon disulfide

Concen: 6.34 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002782.D

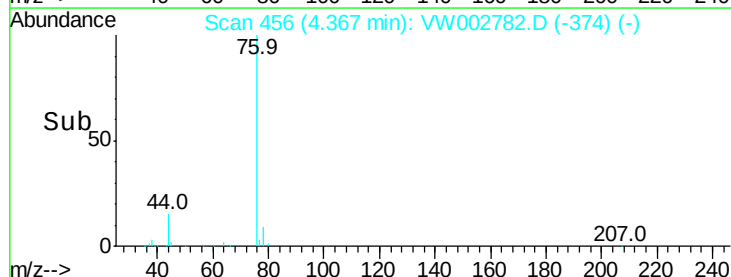
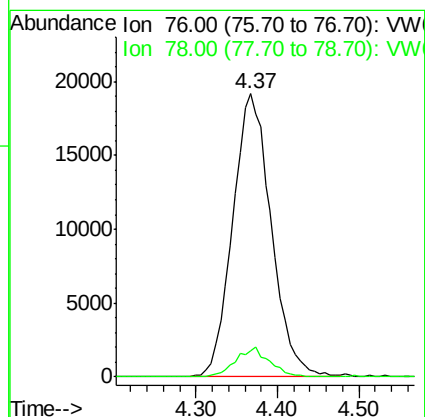
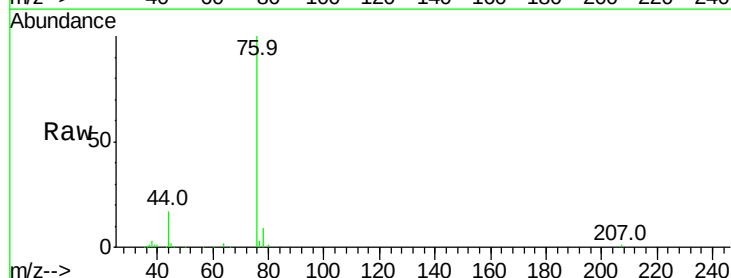
Acq: 22 May 2018 10:15

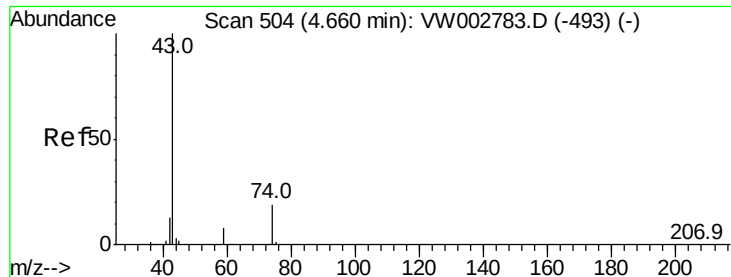
Tgt Ion: 76 Resp: 62686

Ion Ratio Lower Upper

76 100

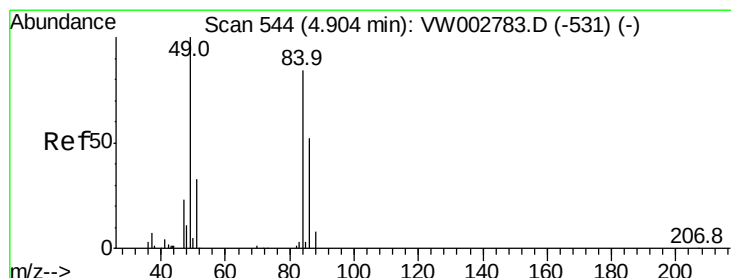
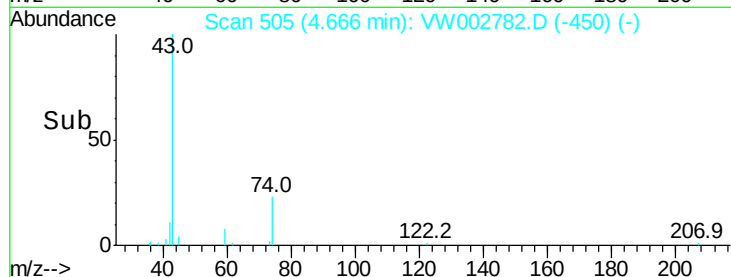
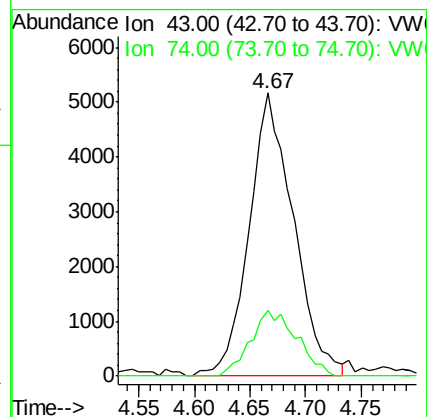
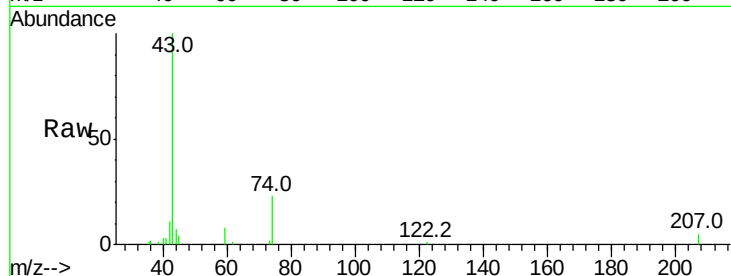
78 9.3 7.2 10.8





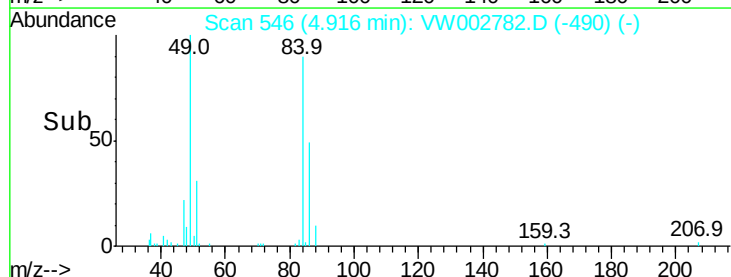
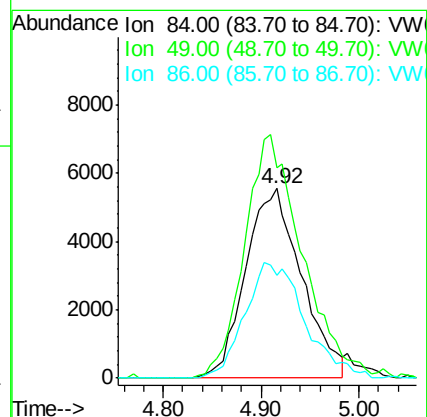
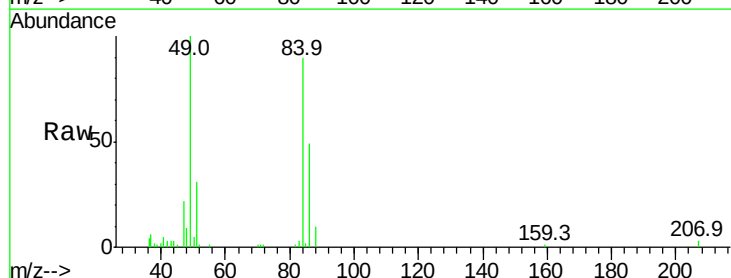
#15
Methyl Acetate
Concen: 5.79 ug/L
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

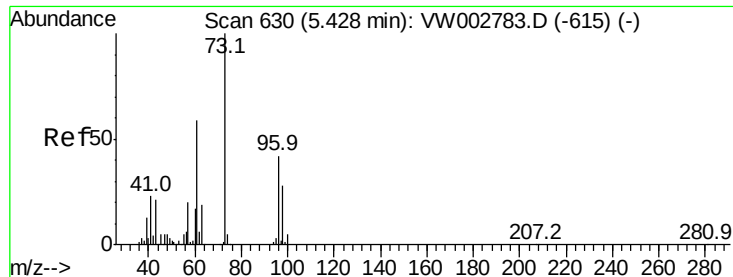
Tgt Ion: 43 Resp: 14320
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8



#16
Methylene chloride
Concen: 5.39 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

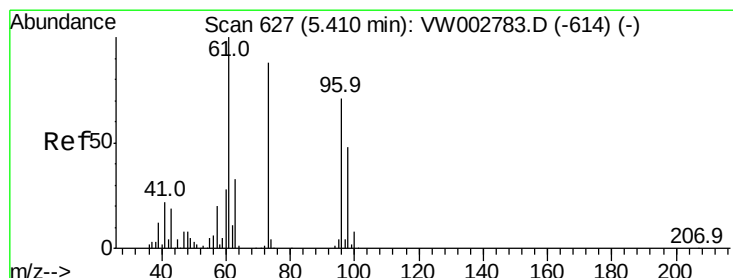
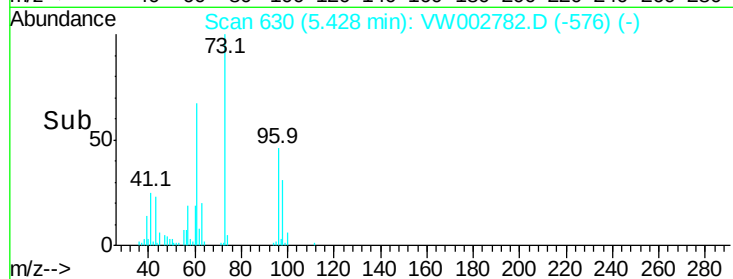
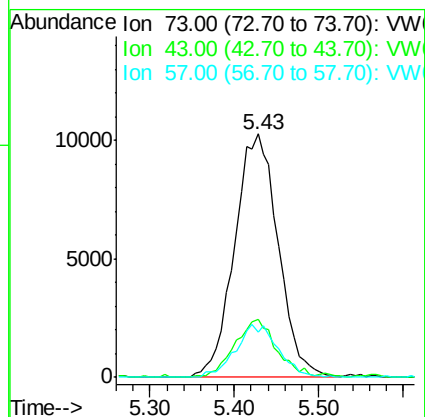
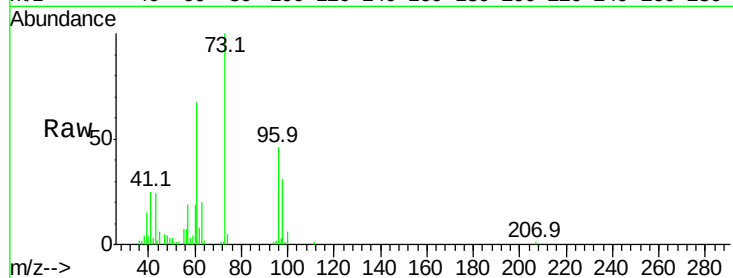
Tgt Ion: 84 Resp: 22091
Ion Ratio Lower Upper
84 100
49 110.7 83.0 154.1
86 54.4 43.3 80.3





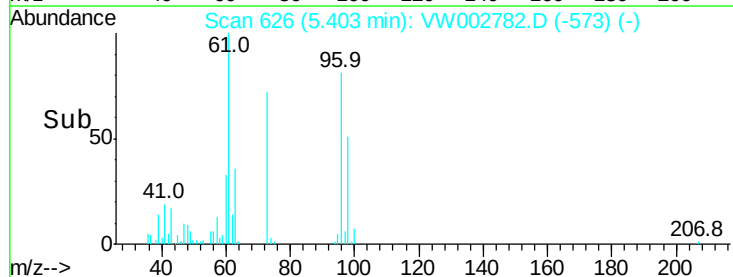
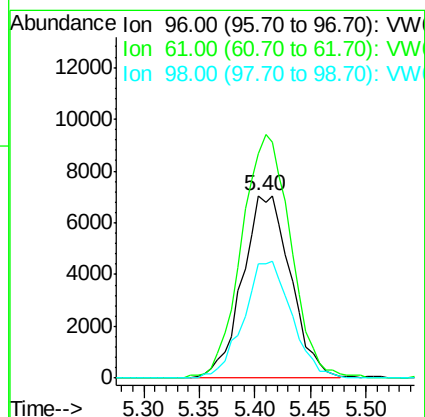
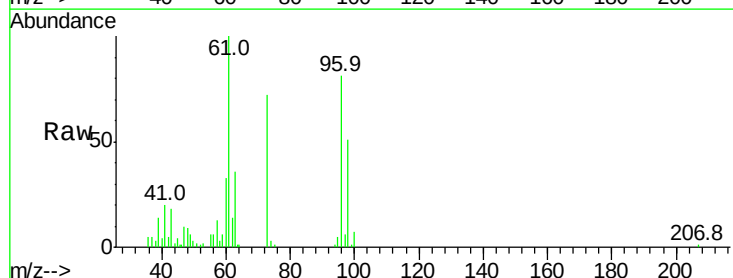
#17
Methyl tert-butyl Ether
Concen: 5.06 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

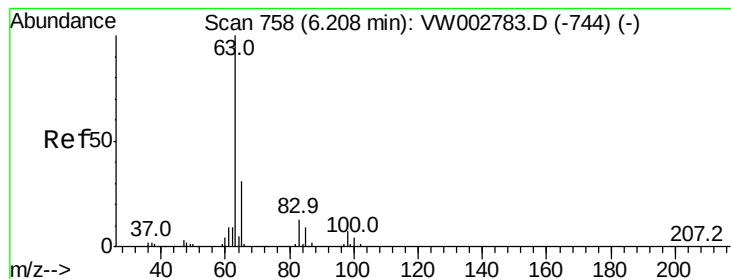
Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	17.6	26.4
57	9.0	17.4	26.0#



#18
trans-1,2-Dichloroethene
Concen: 5.52 ug/L
RT: 5.40 min Scan# 626
Delta R.T. -0.01 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.7	97.9	181.9
98	62.8	46.5	86.5





#19

1,1-Dichloroethane

Concen: 5.28 ug/L

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

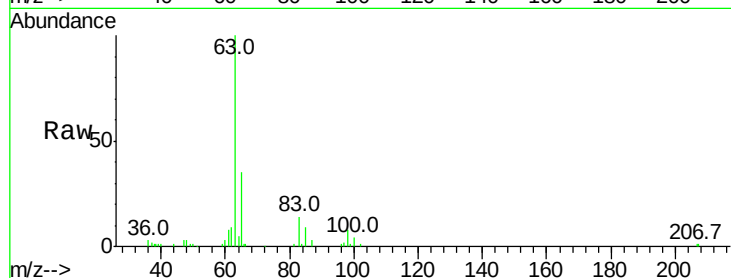
Tgt Ion: 63 Resp: 37329

Ion Ratio Lower Upper

63 100

65 35.1 21.8 40.4

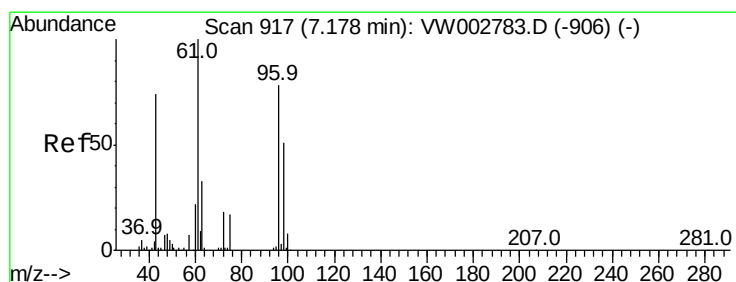
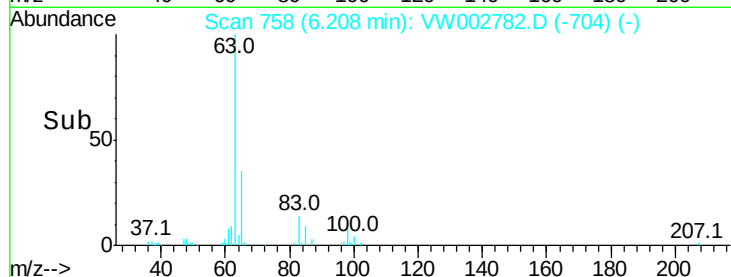
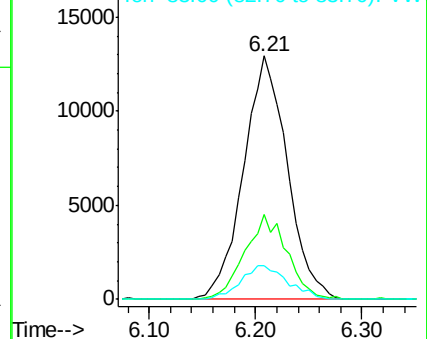
83 13.8 9.0 16.8



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: 9.78 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW002782.D

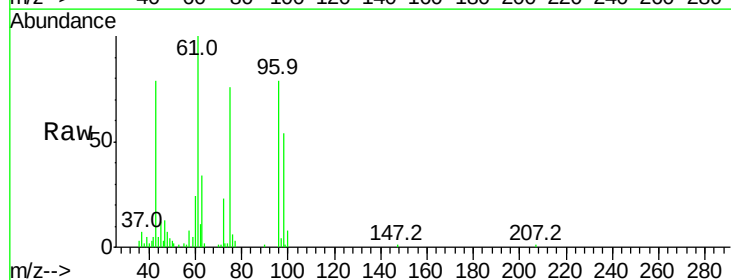
Acq: 22 May 2018 10:15

Tgt Ion: 43 Resp: 18492

Ion Ratio Lower Upper

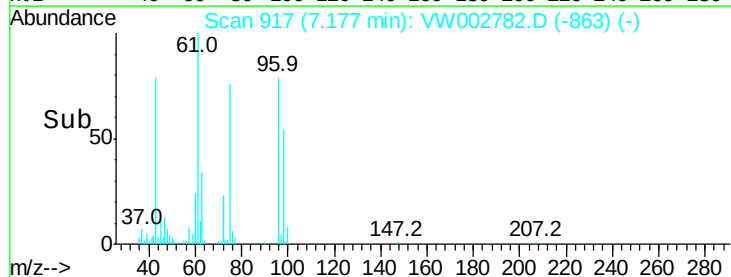
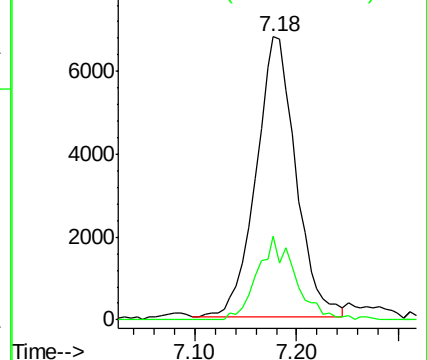
43 100

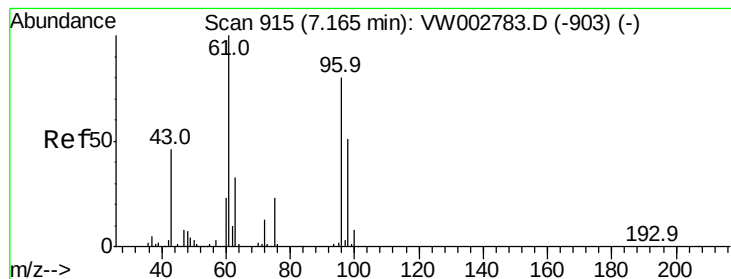
72 16.9 13.4 40.1



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: 5.25 ug/L

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

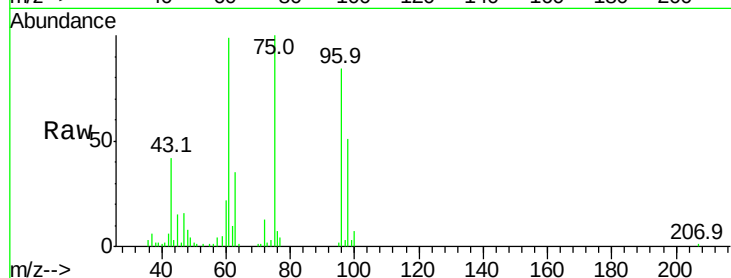
Tgt Ion: 96 Resp: 22966

Ion Ratio Lower Upper

96 100

61 118.6 88.0 163.4

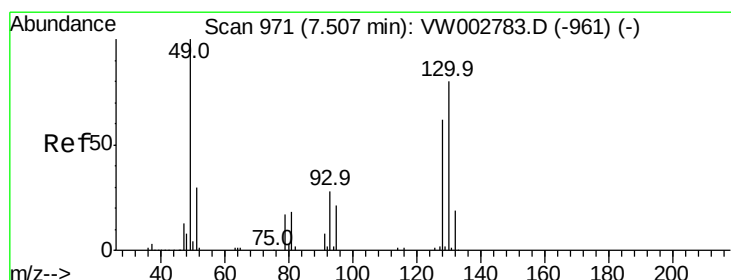
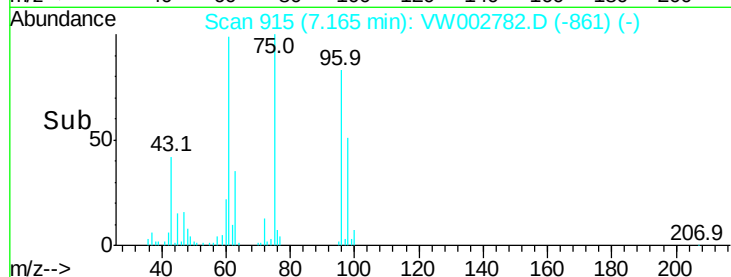
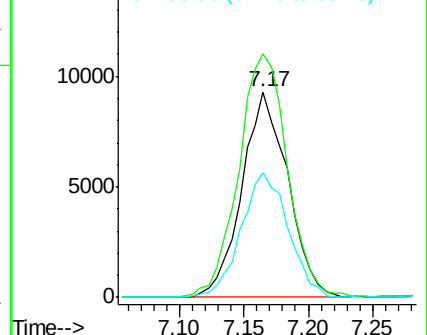
98 60.4 44.8 83.2



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: 5.74 ug/L

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion: 128 Resp: 11877

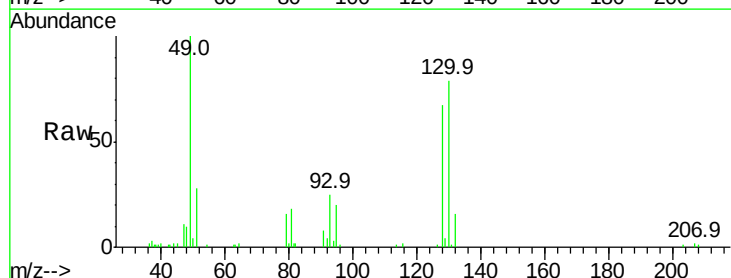
Ion Ratio Lower Upper

128 100

49 148.3 112.2 208.4

130 117.5 89.5 166.3

51 41.3 39.0 58.6

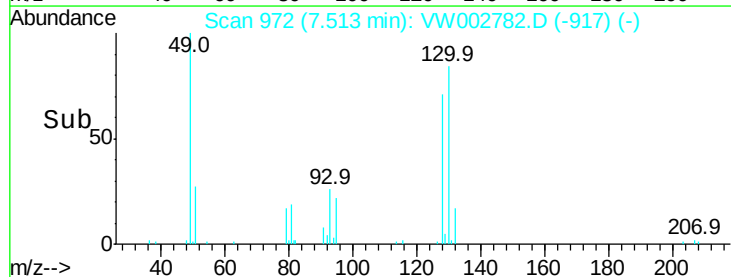
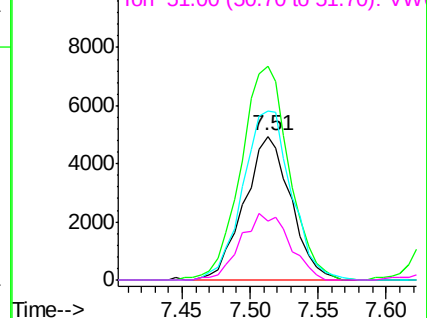


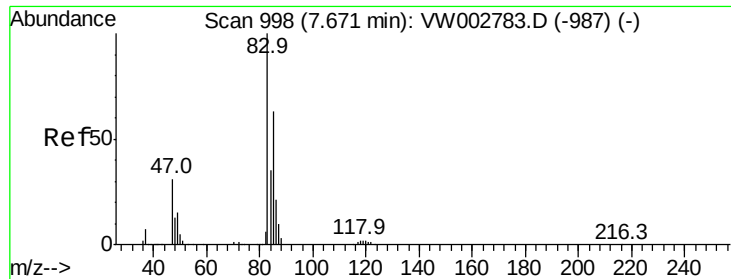
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW





#25

Chloroform

Concen: 5.27 ug/L

RT: 7.67 min Scan# 998

Delta R.T. -0.00 min

Lab File: VW002782.D

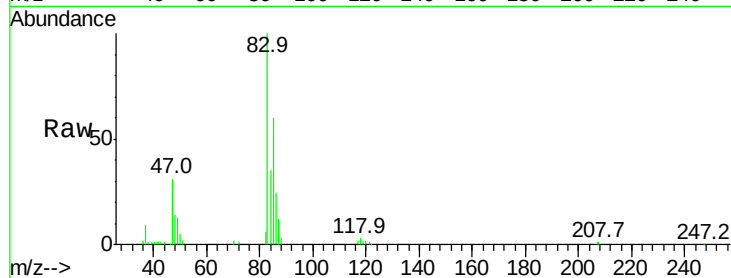
Acq: 22 May 2018 10:15

Tgt Ion: 83 Resp: 40287

Ion Ratio Lower Upper

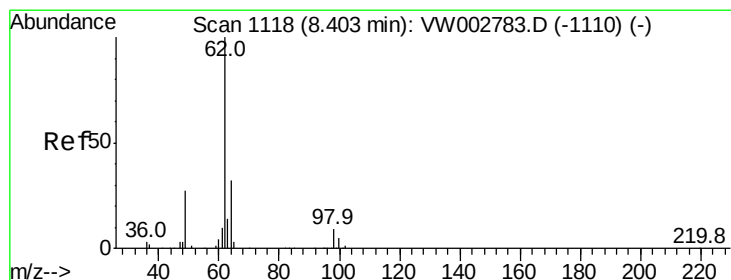
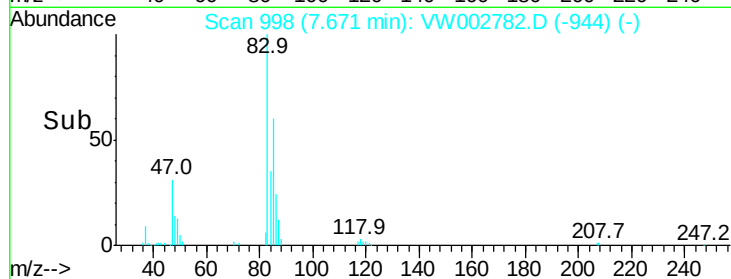
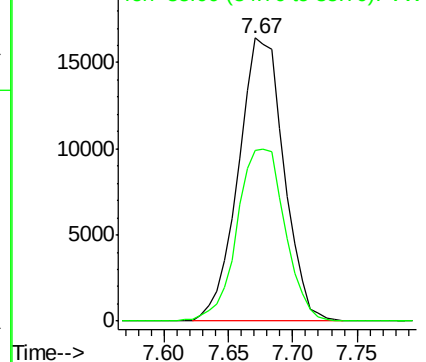
83 100

85 64.0 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 5.63 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW002782.D

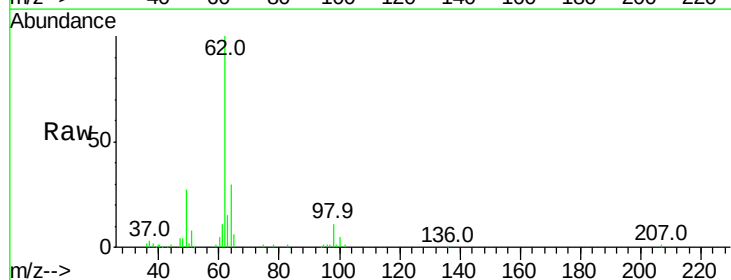
Acq: 22 May 2018 10:15

Tgt Ion: 62 Resp: 29887

Ion Ratio Lower Upper

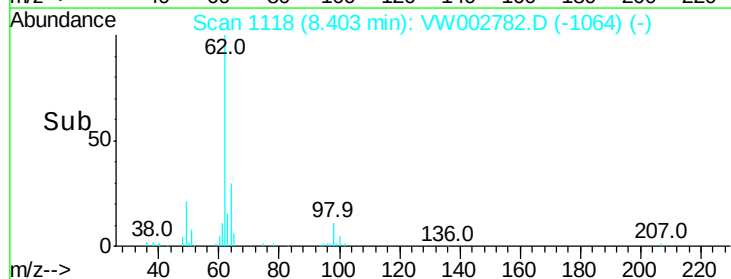
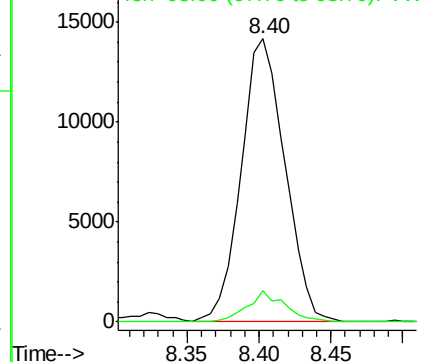
62 100

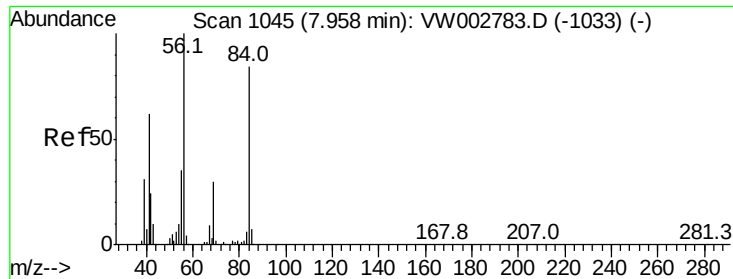
98 10.9 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#30

Cyclohexane

Concen: 5.09 ug/L

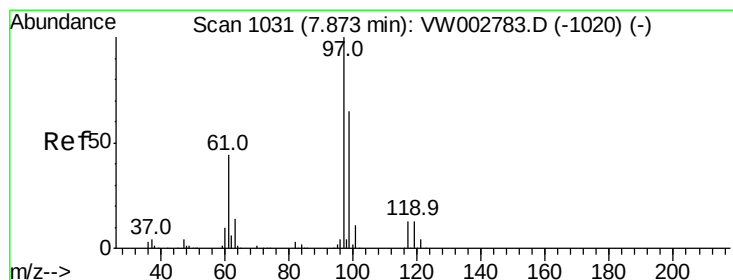
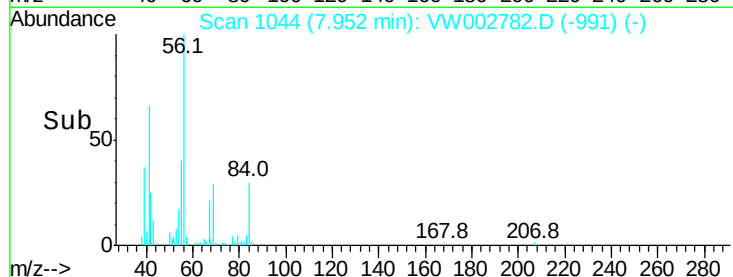
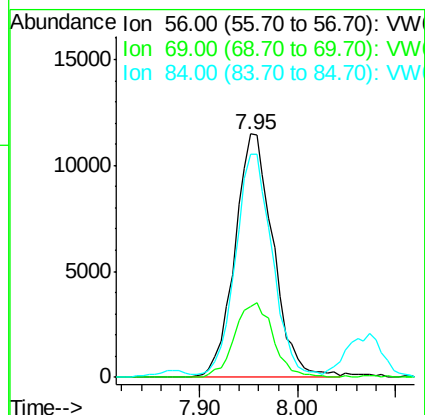
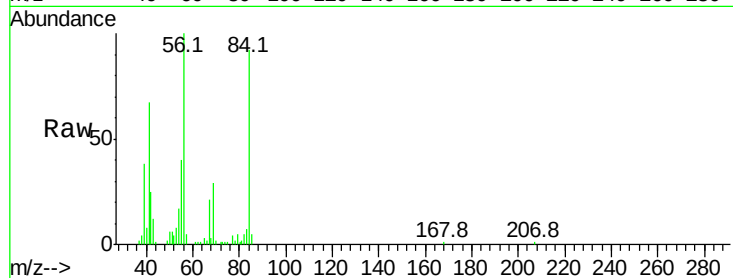
RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	56	Resp:	31338
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.4	36.6
84	85.5	69.9	104.9



#31

1,1,1-Trichloroethane

Concen: 5.04 ug/L

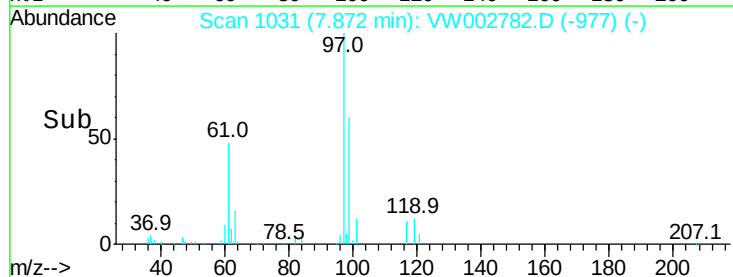
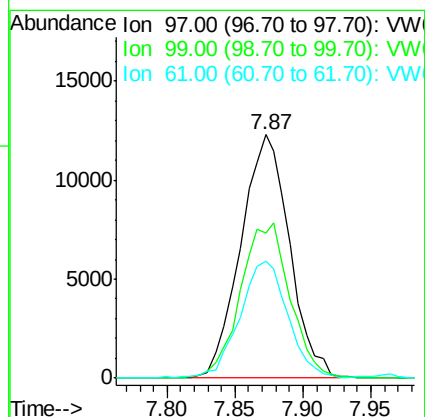
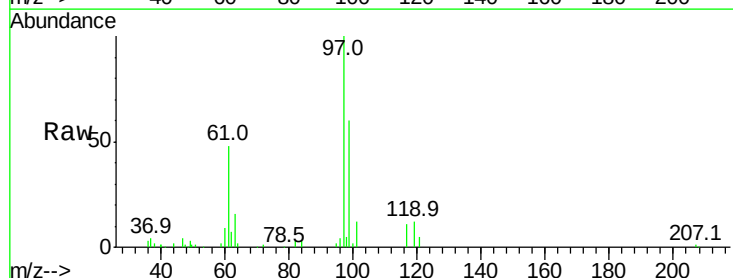
RT: 7.87 min Scan# 1031

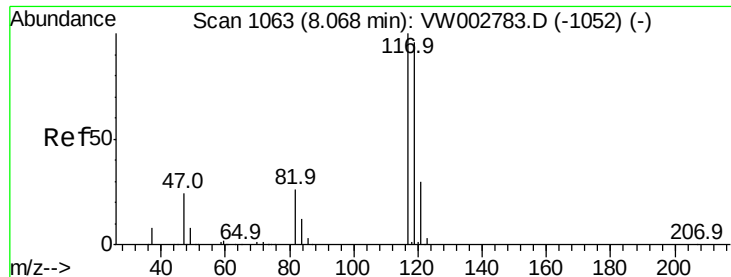
Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	97	Resp:	30817
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	47.3	36.6	55.0





#32

Carbon tetrachloride

Concen: 5.03 ug/L

RT: 8.06 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VW002782.D

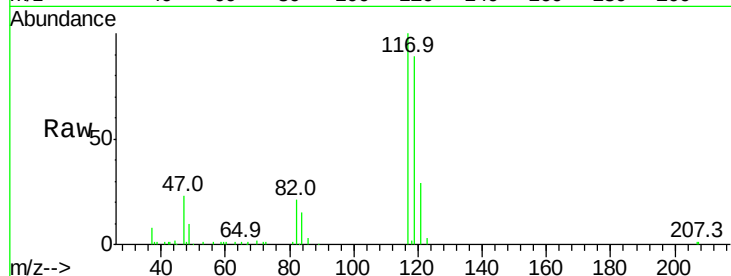
Acq: 22 May 2018 10:15

Tgt Ion: 117 Resp: 29811

Ion Ratio Lower Upper

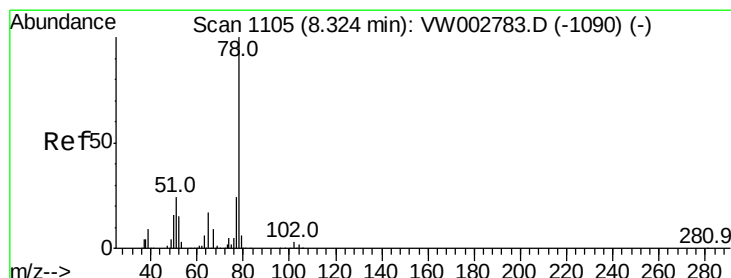
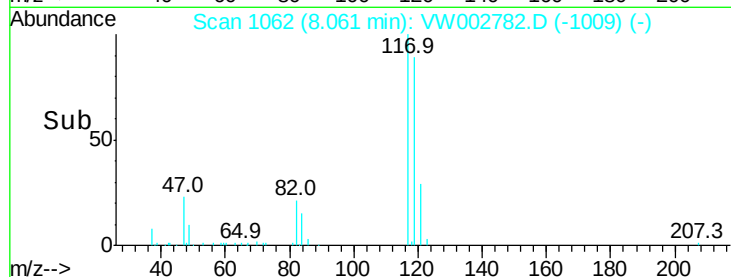
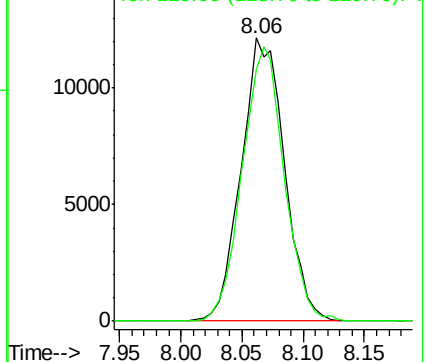
117 100

119 94.1 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: 5.41 ug/L

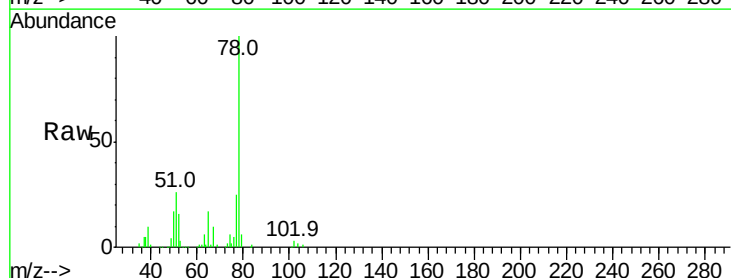
RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

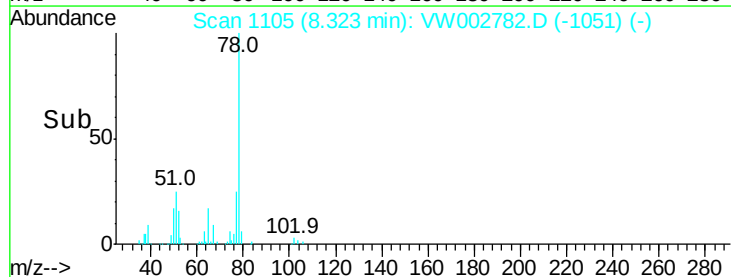
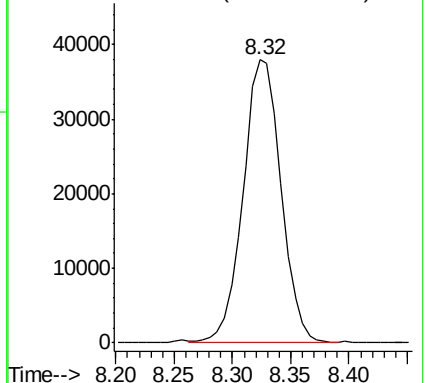
Lab File: VW002782.D

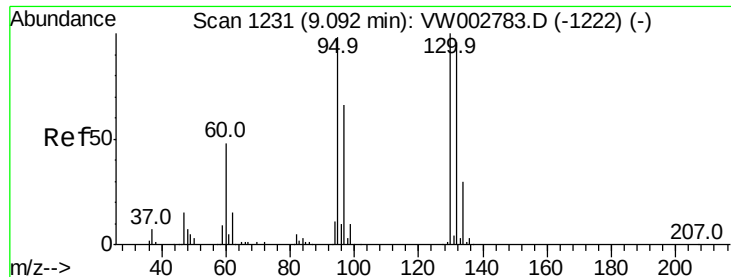
Acq: 22 May 2018 10:15

Tgt Ion: 78 Resp: 86260



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 5.52 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion: 95 Resp: 23983

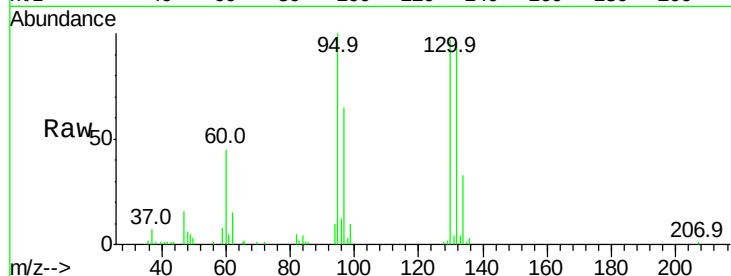
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.2

132 96.0 69.7 129.5

130 100.2 73.4 136.2

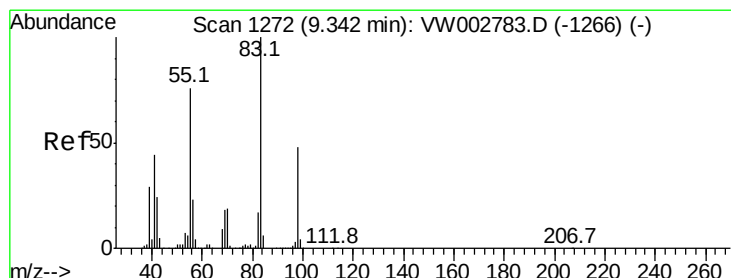
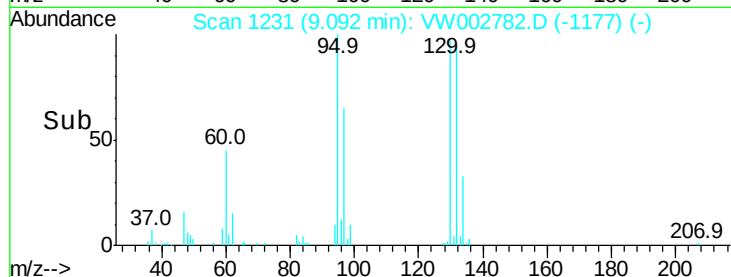
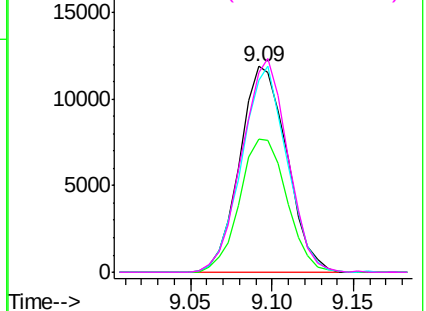


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 5.16 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

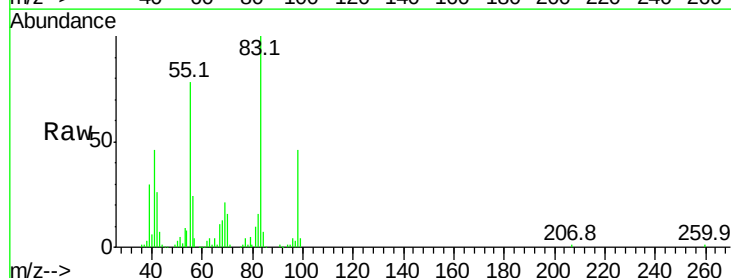
Tgt Ion: 83 Resp: 36523

Ion Ratio Lower Upper

83 100

55 81.3 61.1 91.7

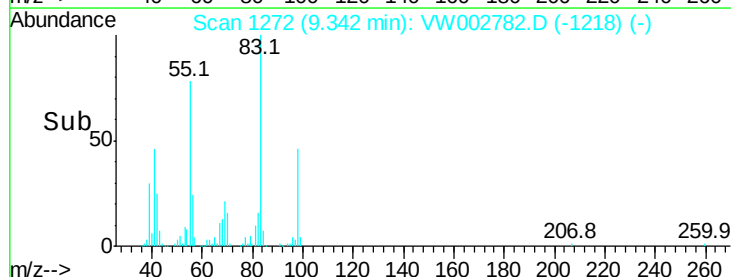
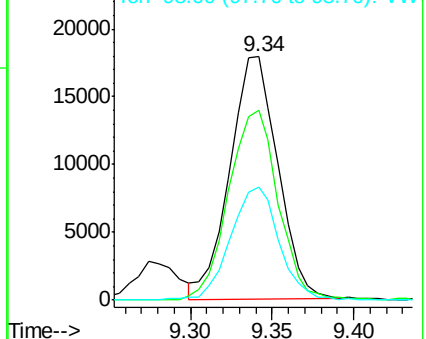
98 47.4 38.8 58.2

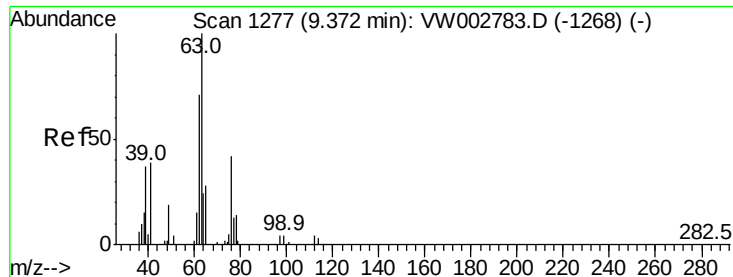


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 5.41 ug/L

RT: 9.38 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VW002782.D

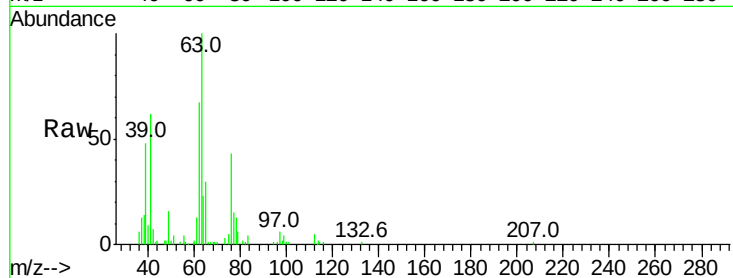
Acq: 22 May 2018 10:15

Tgt Ion: 63 Resp: 22929

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

12000

10000

8000

6000

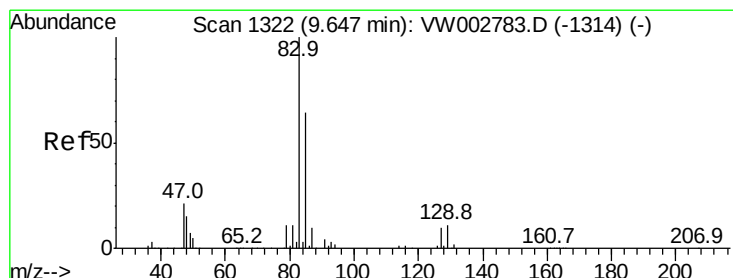
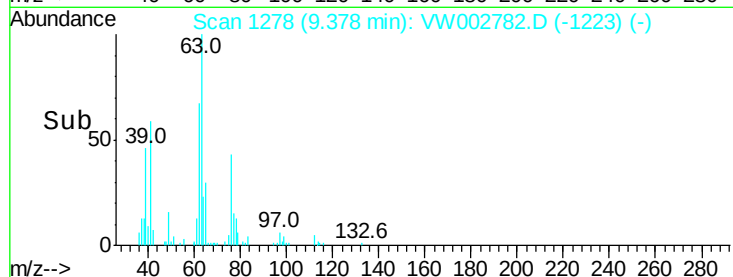
4000

2000

0

9.30 9.35 9.40 9.45

Time-->



#41

Bromodichloromethane

Concen: 5.10 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

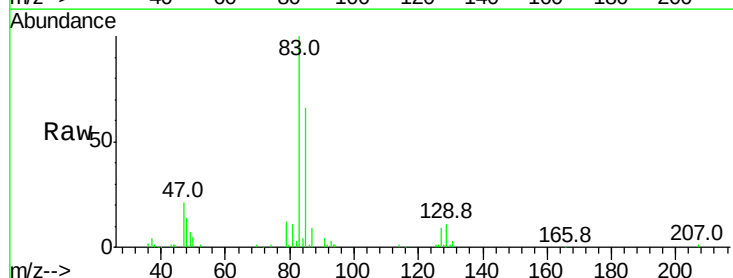
Tgt Ion: 83 Resp: 28254

Ion Ratio Lower Upper

83 100

85 65.7 44.5 82.7

127 9.0 7.8 11.6



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

20000

15000

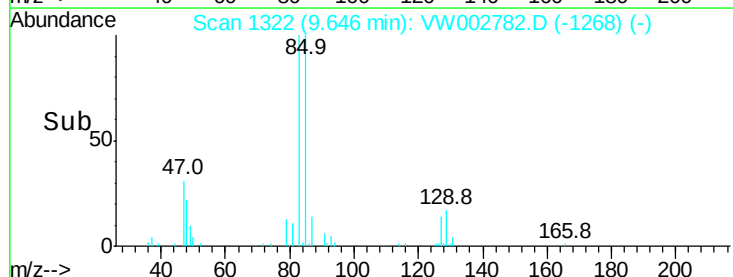
10000

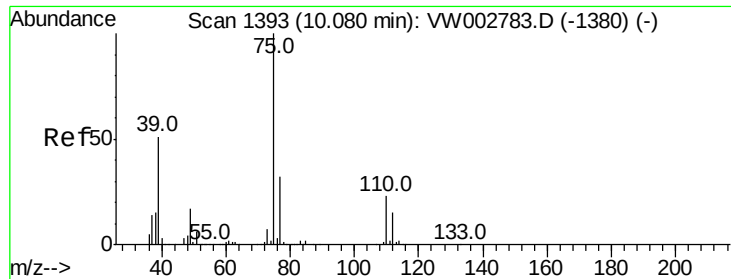
5000

0

9.60 9.65 9.70

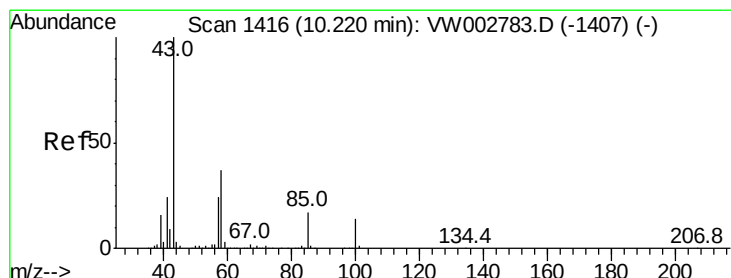
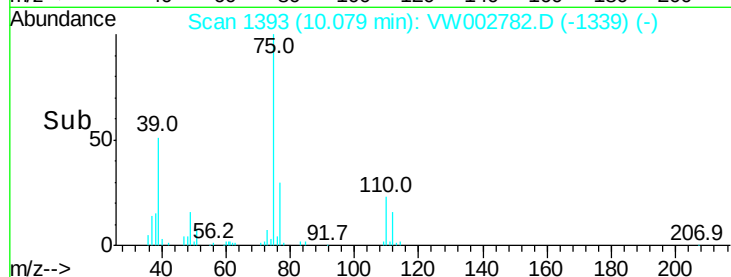
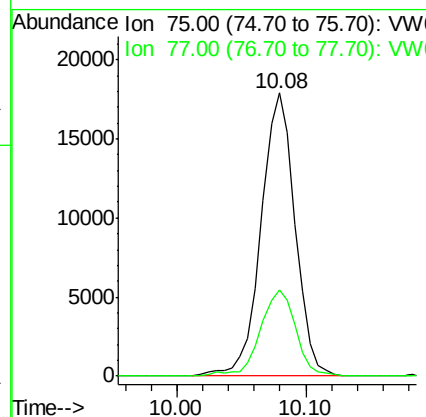
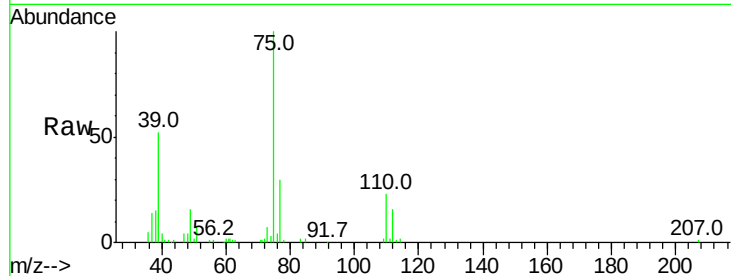
Time-->





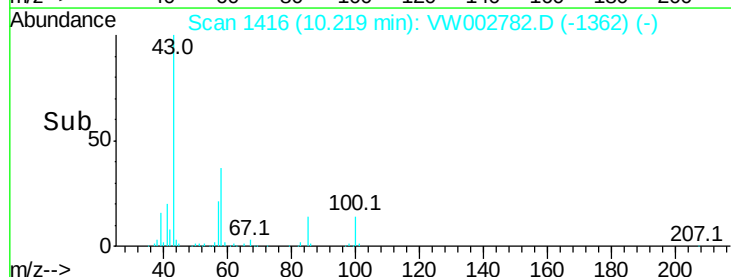
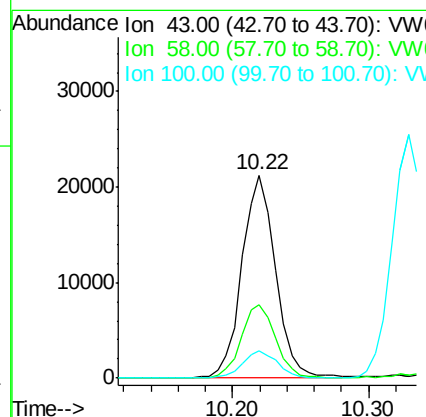
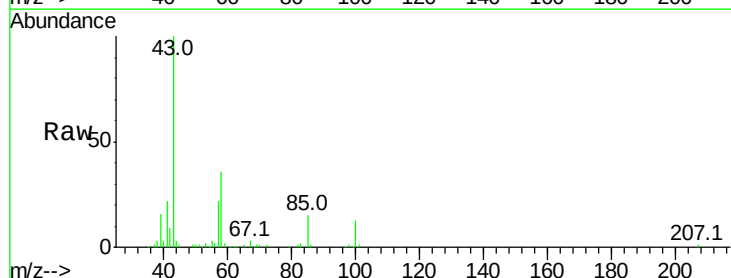
#42
 cis-1,3-Dichloropropene
 Concen: 4.98 ug/L
 RT: 10.08 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

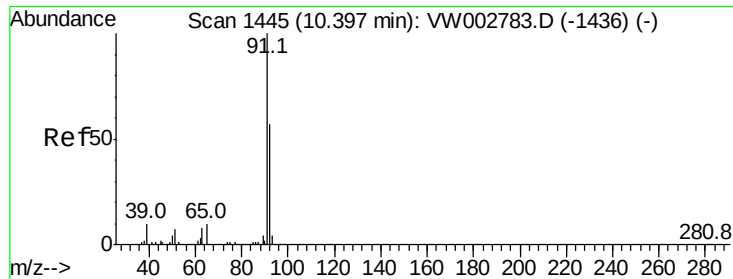
Tgt Ion: 75 Resp: 32700
 Ion Ratio Lower Upper
 75 100
 77 30.4 22.1 41.1



#43
 4-Methyl-2-pentanone
 Concen: 10.25 ug/L
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

Tgt Ion: 43 Resp: 36767
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.3 45.5
 100 13.8 11.4 17.2





#44

Toluene

Concen: 5.17 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002782.D

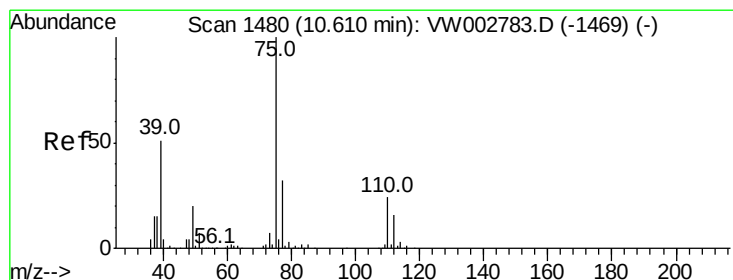
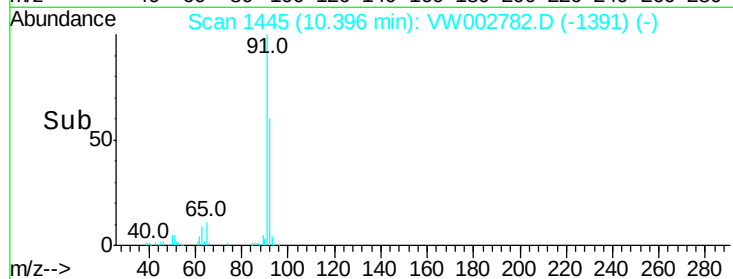
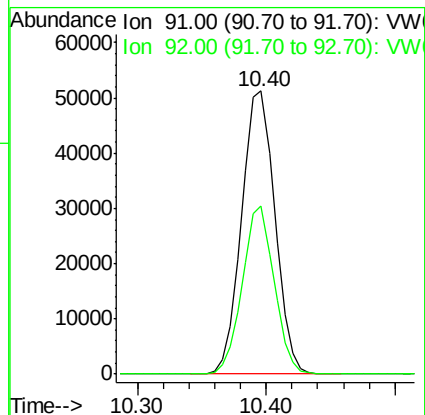
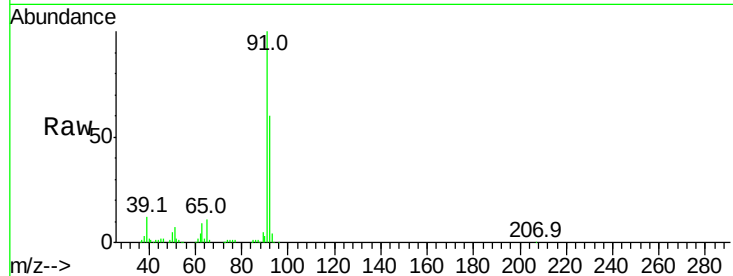
Acq: 22 May 2018 10:15

Tgt Ion: 91 Resp: 91624

Ion Ratio Lower Upper

91 100

92 59.6 40.0 74.4



#45

trans-1,3-Dichloropropene

Concen: 4.88 ug/L

RT: 10.62 min Scan# 1481

Delta R.T. 0.01 min

Lab File: VW002782.D

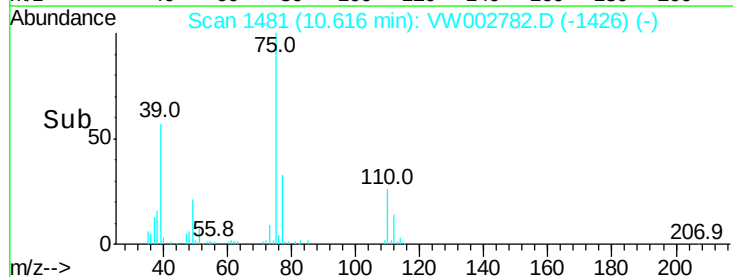
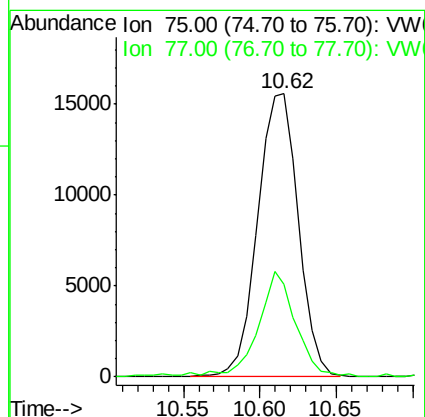
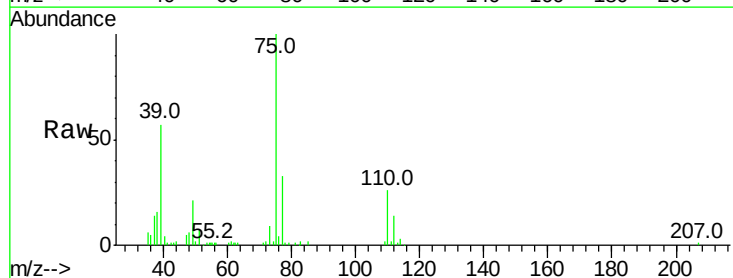
Acq: 22 May 2018 10:15

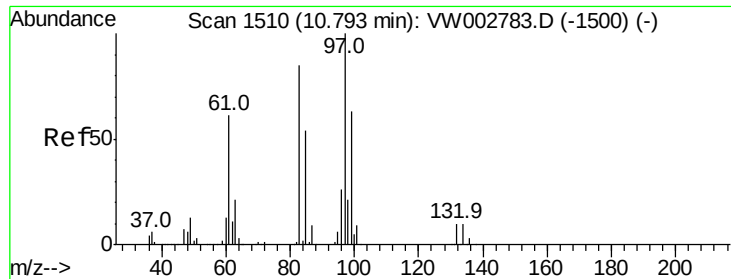
Tgt Ion: 75 Resp: 28846

Ion Ratio Lower Upper

75 100

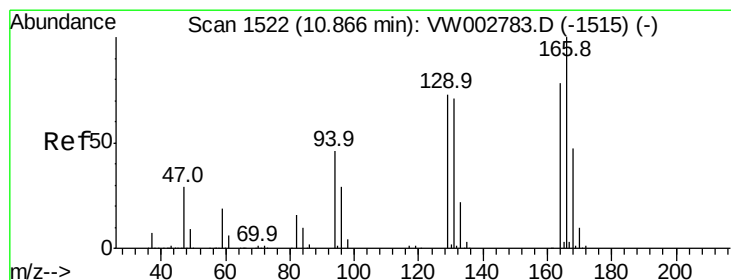
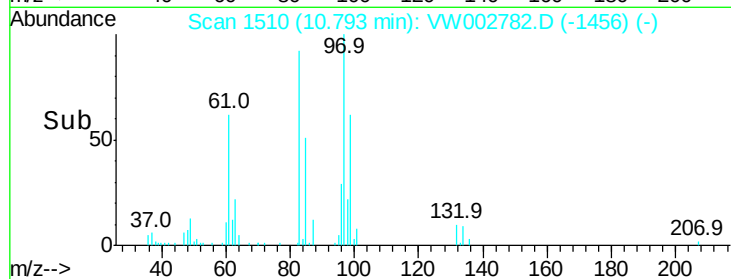
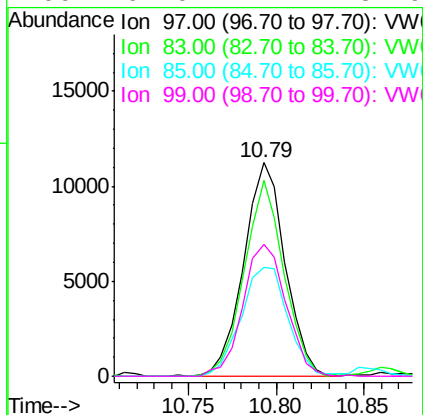
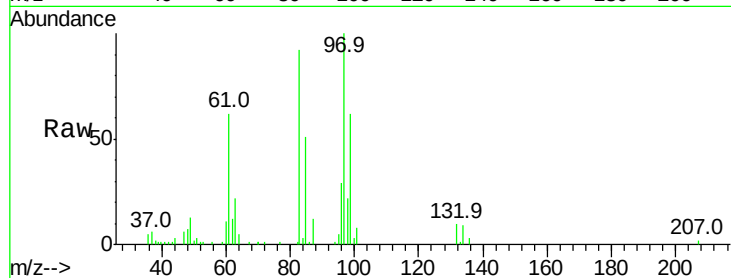
77 32.6 22.3 41.3





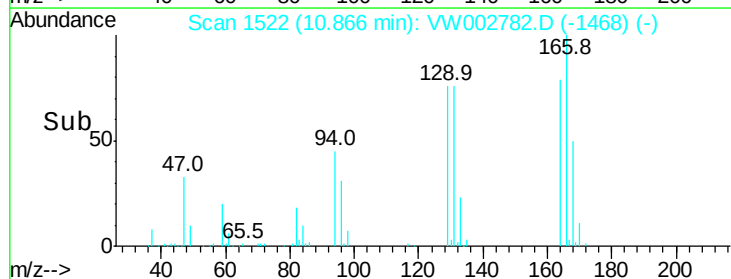
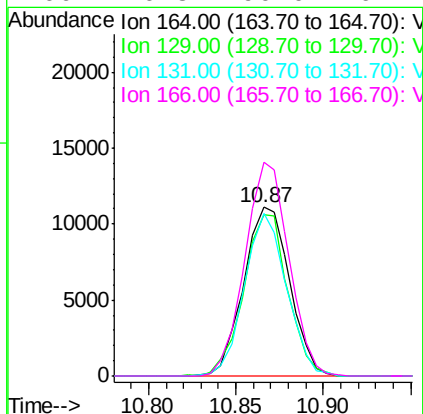
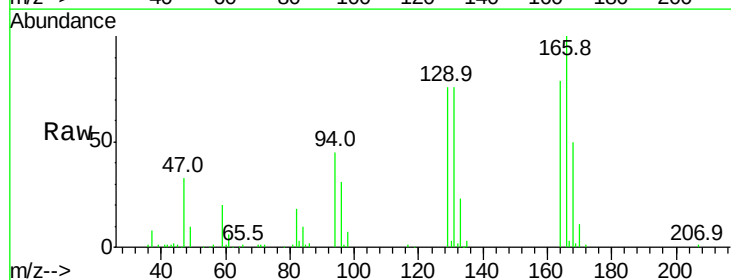
#46
 1,1,2-Trichloroethane
 Concen: 5.26 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

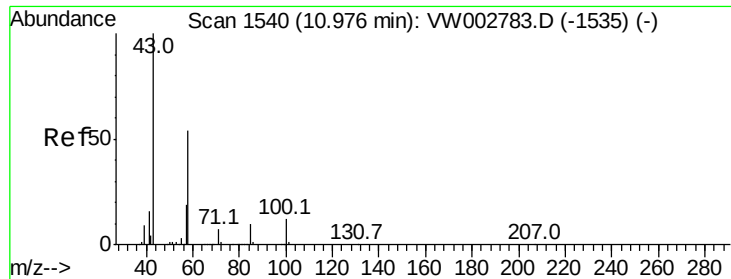
Tgt Ion:	97	Resp:	18544
Ion	Ratio	Lower	Upper
97	100		
83	91.7	59.5	110.5
85	50.8	37.7	69.9
99	62.0	44.1	81.9



#47
 Tetrachloroethene
 Concen: 5.39 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

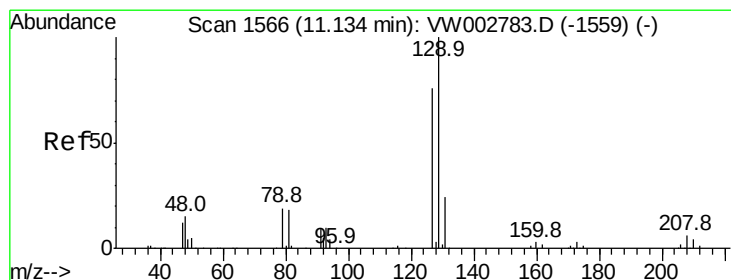
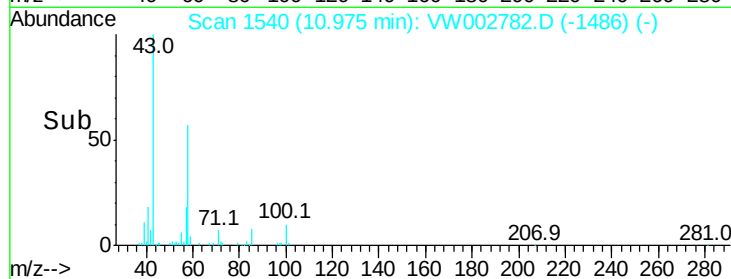
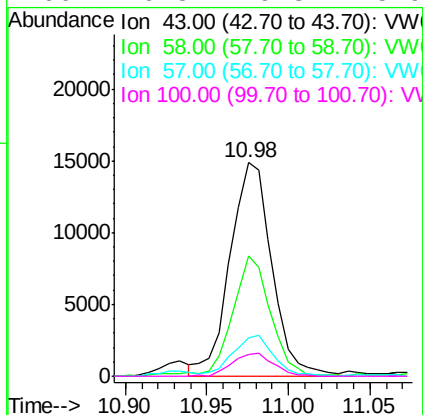
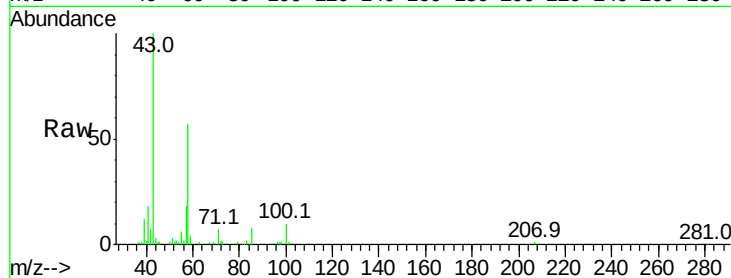
Tgt Ion:	164	Resp:	20242
Ion	Ratio	Lower	Upper
164	100		
129	96.0	65.9	122.3
131	96.7	63.5	117.9
166	126.8	90.0	167.2





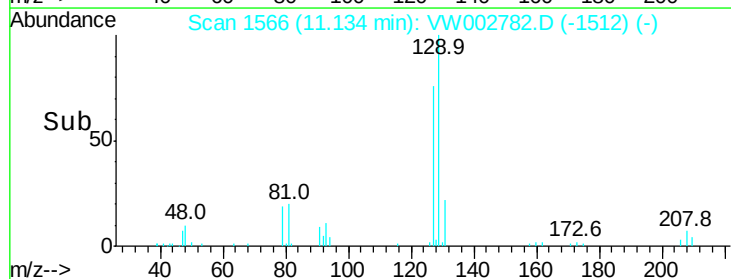
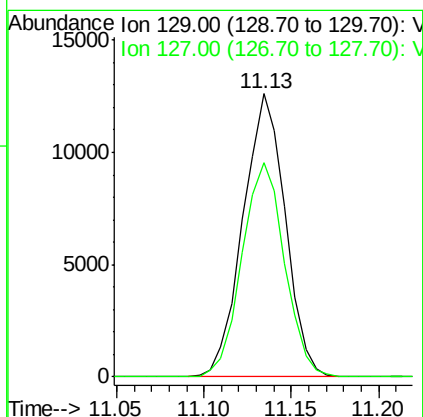
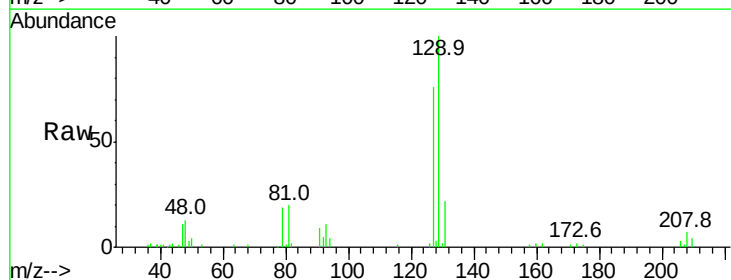
#49
2-Hexanone
Concen: 9.96 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

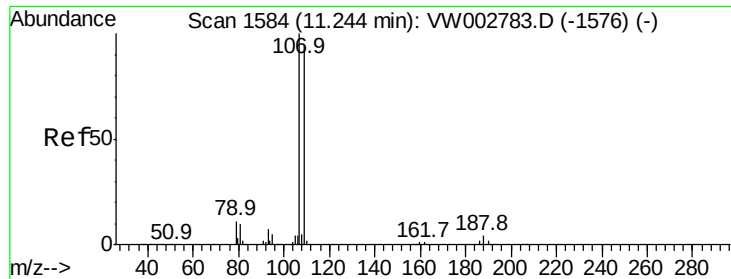
Tgt Ion:	43	Resp:	26484
Ion	Ratio	Lower	Upper
43	100		
58	50.5	41.2	61.8
57	18.7	14.8	22.2
100	10.8	9.3	13.9



#50
Dibromochloromethane
Concen: 5.02 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

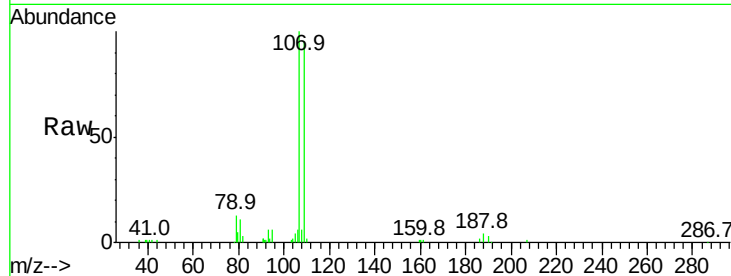
Tgt Ion:	129	Resp:	21323
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.0	98.4



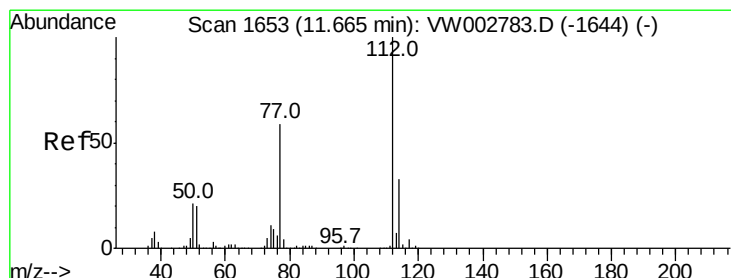
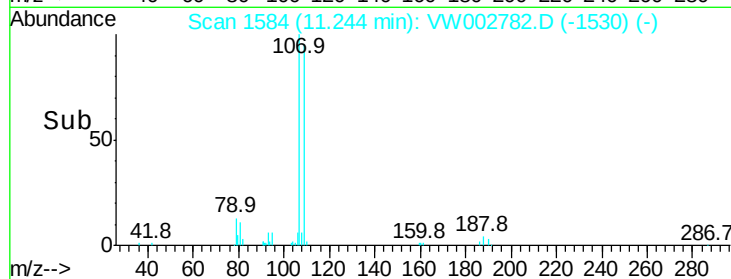
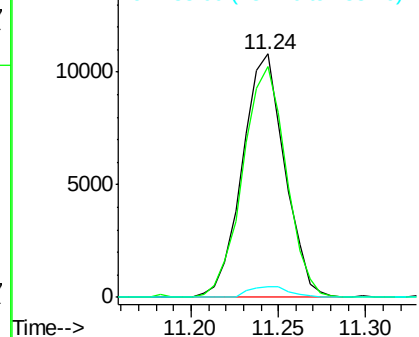


#51
1,2-Dibromoethane
Concen: 5.32 ug/L
RT: 11.24 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.6	121.8
188	4.2	3.1	4.7

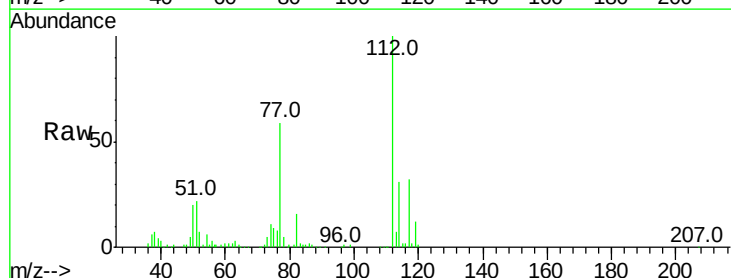


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

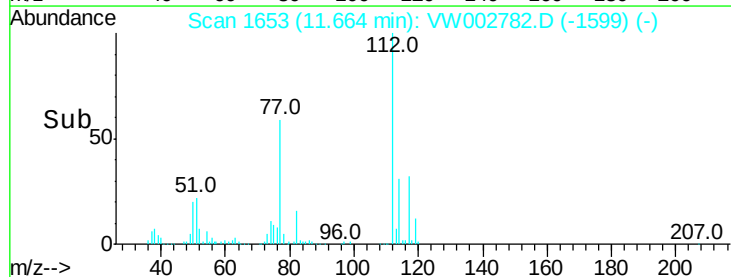
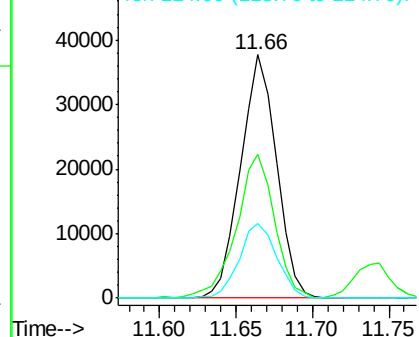


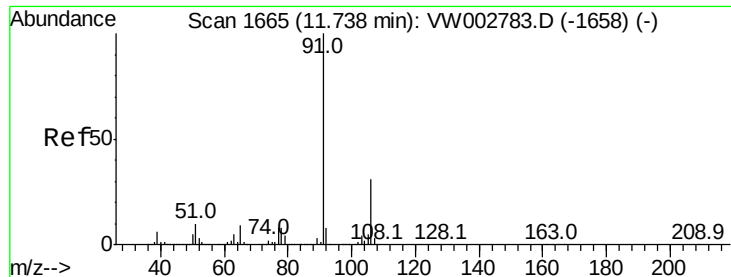
#52
Chlorobenzene
Concen: 5.19 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
77	59.2	47.0	70.4
114	30.8	23.2	43.0



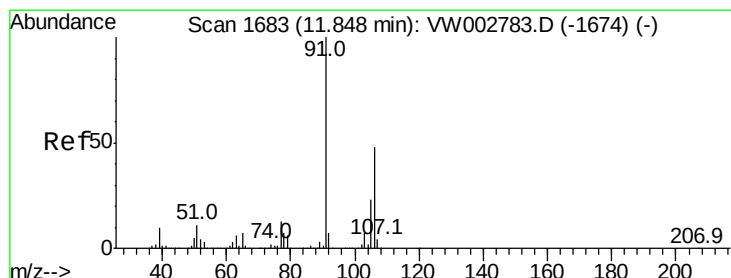
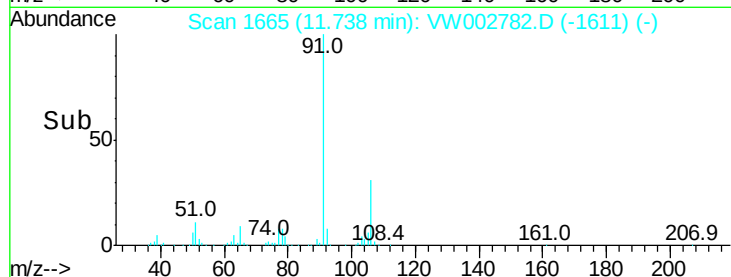
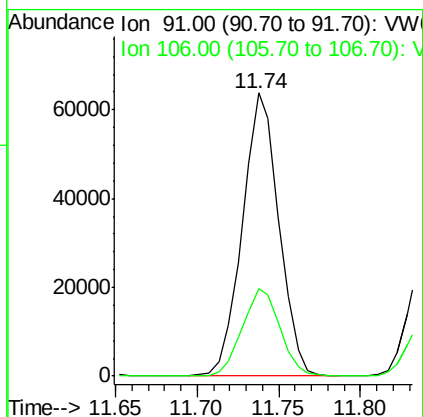
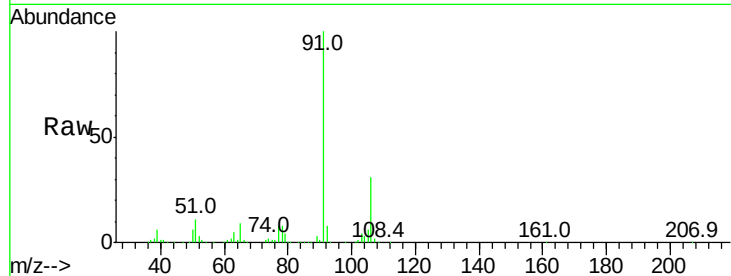
Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V





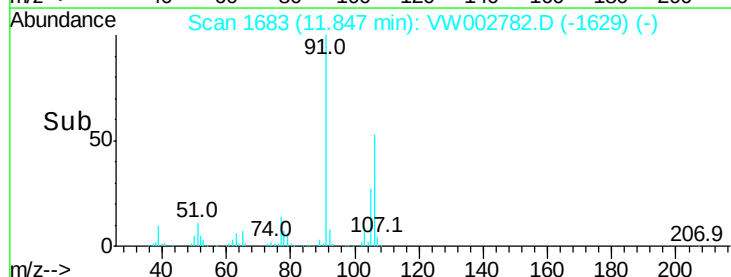
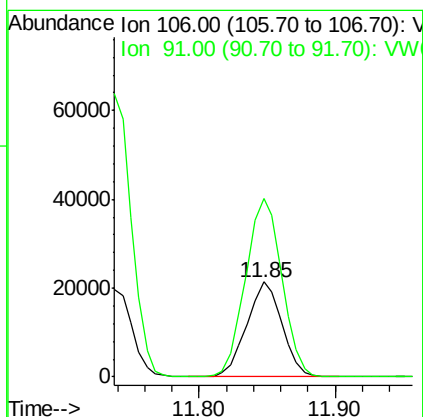
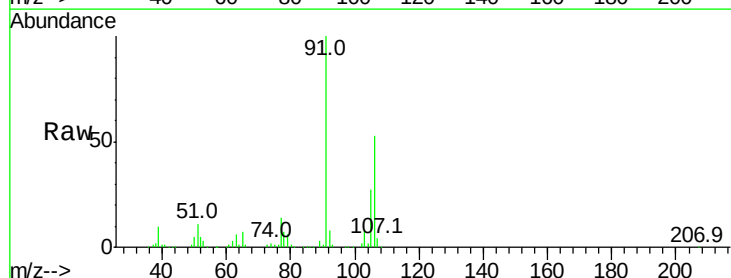
#53
Ethylbenzene
Concen: 4.93 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

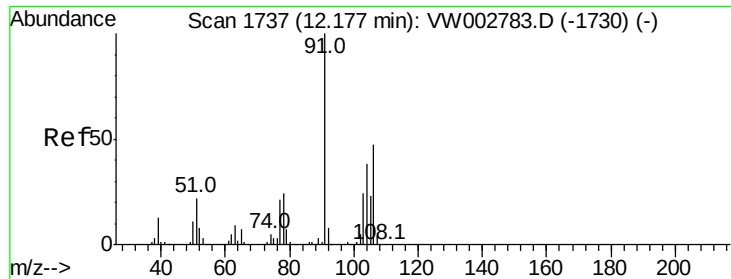
Tgt Ion: 91 Resp: 99726
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#54
m,p-Xylene
Concen: 5.08 ug/L
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

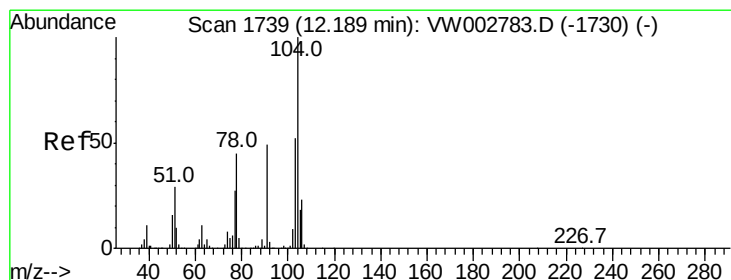
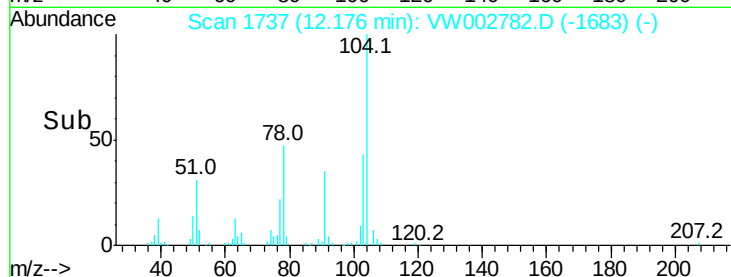
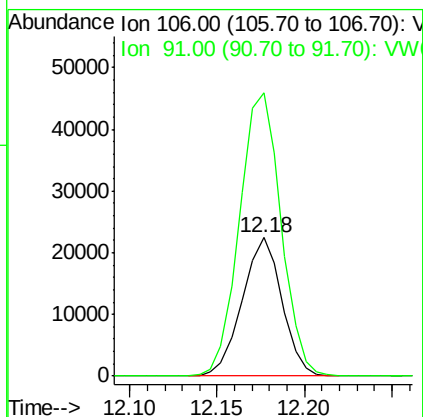
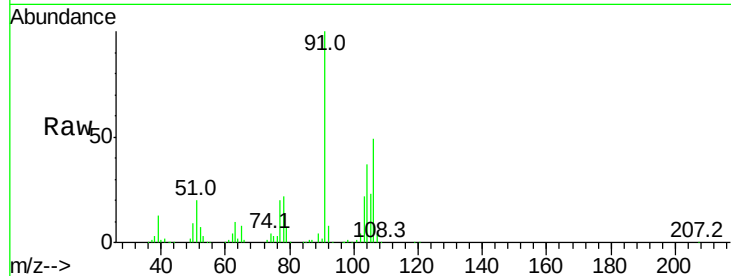
Tgt Ion: 106 Resp: 38974
Ion Ratio Lower Upper
106 100
91 188.0 144.5 268.3





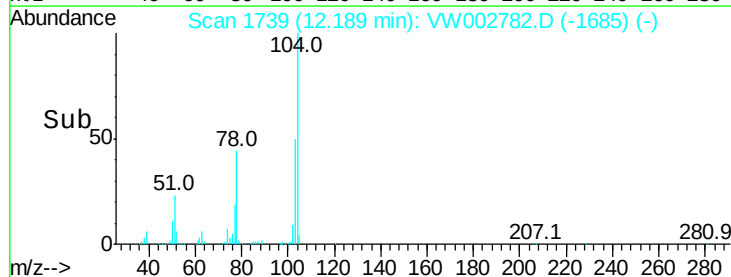
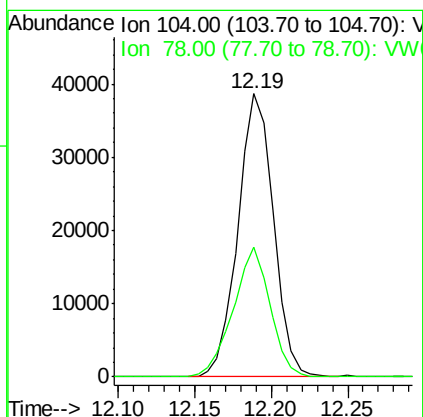
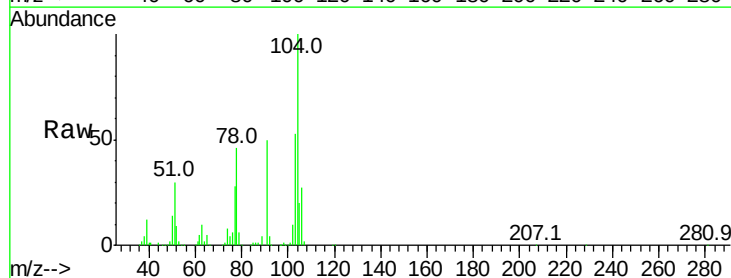
#55
o-xylene
Concen: 4.76 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

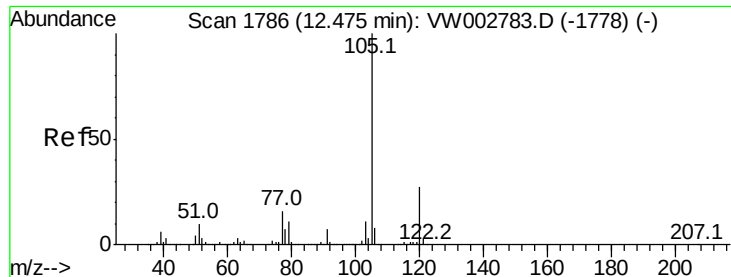
Tgt Ion:106 Resp: 35542
Ion Ratio Lower Upper
106 100
91 204.3 150.1 278.9



#56
Styrene
Concen: 4.89 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

Tgt Ion:104 Resp: 62448
Ion Ratio Lower Upper
104 100
78 46.0 31.4 58.4





#57

Isopropylbenzene

Concen: 4.70 ug/L

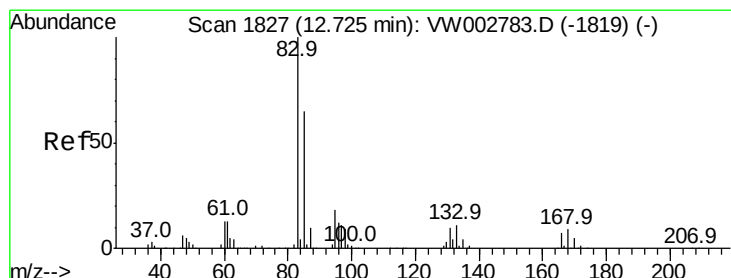
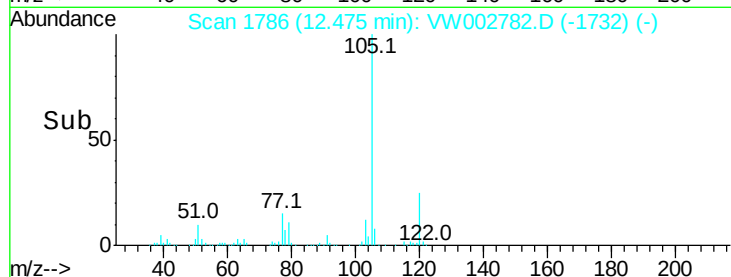
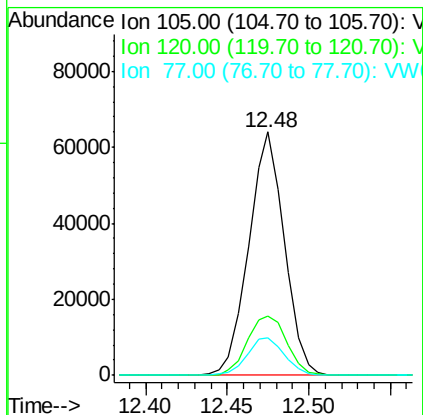
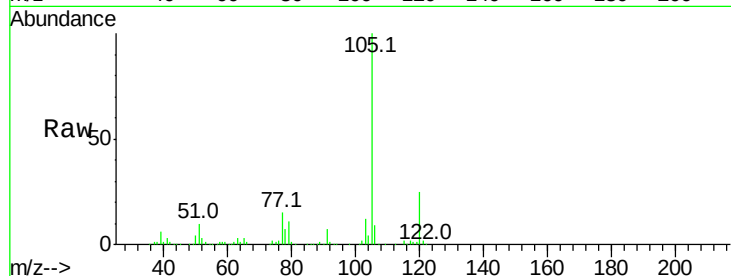
RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	105	Resp:	97076
Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.4	32.0
77	16.3	12.6	19.0



#58

1,1,2,2-Tetrachloroethane

Concen: 5.16 ug/L

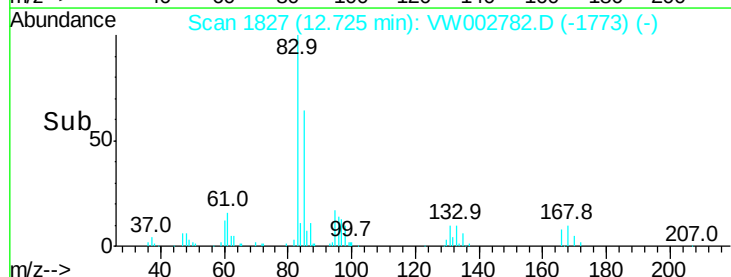
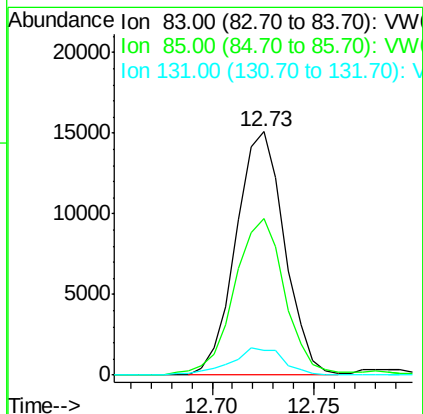
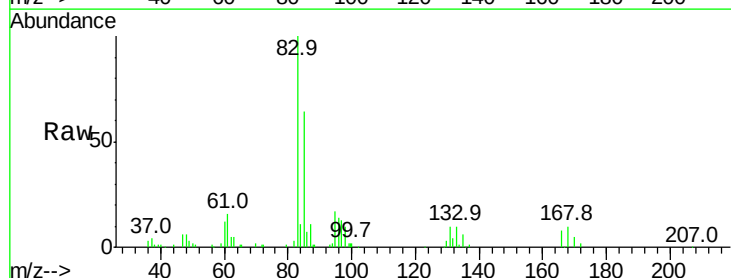
RT: 12.73 min Scan# 1827

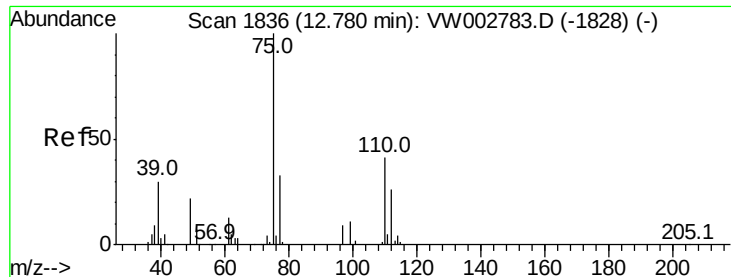
Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	83	Resp:	24979
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.9	85.3
131	10.1	8.2	12.4





#59

1,2,3-Trichloropropane

Concen: 5.14 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW002782.D

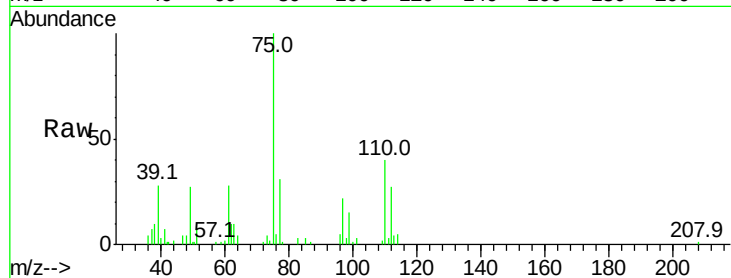
Acq: 22 May 2018 10:15

Tgt Ion: 75 Resp: 18843

Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.78

12000

10000

8000

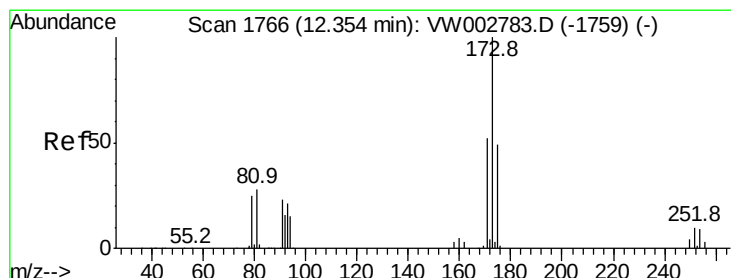
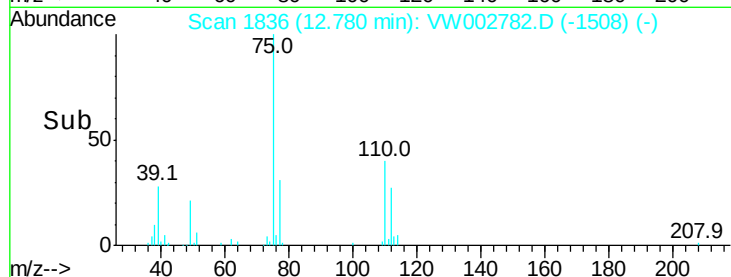
6000

4000

2000

0

Time--> 12.70 12.75 12.80



#62

Bromoform

Concen: 5.10 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

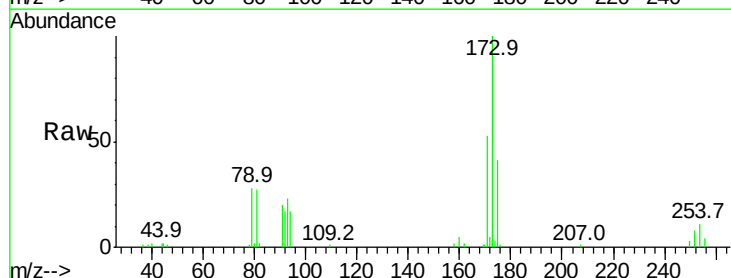
Tgt Ion: 173 Resp: 13679

Ion Ratio Lower Upper

173 100

175 48.7 38.7 58.1

254 4.6 8.1 12.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

12.35

10000

8000

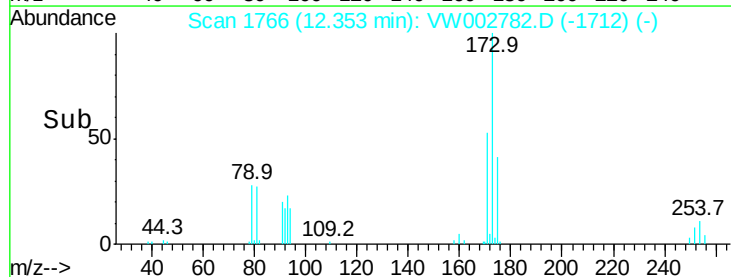
6000

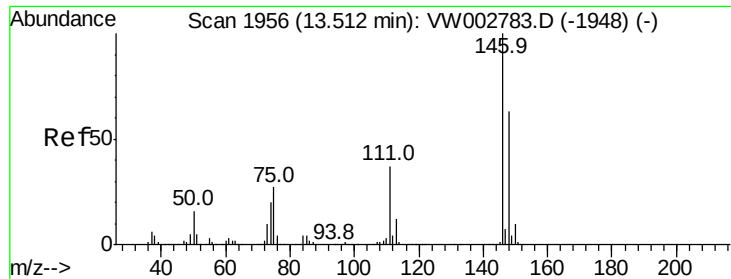
4000

2000

0

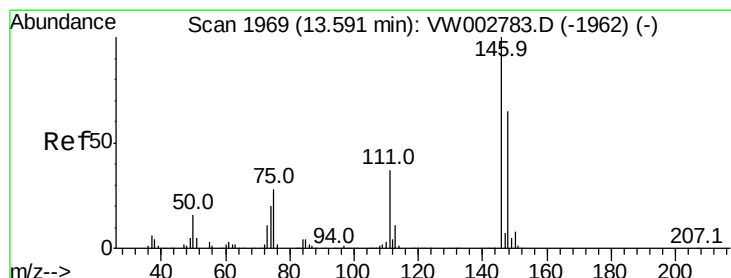
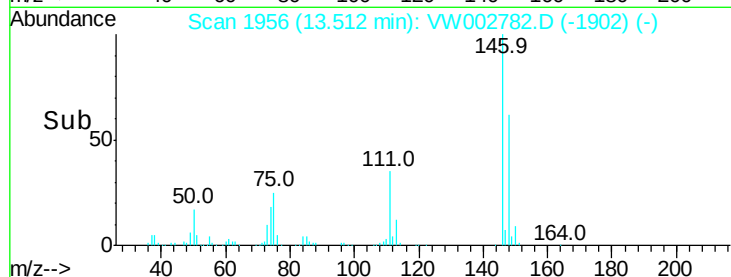
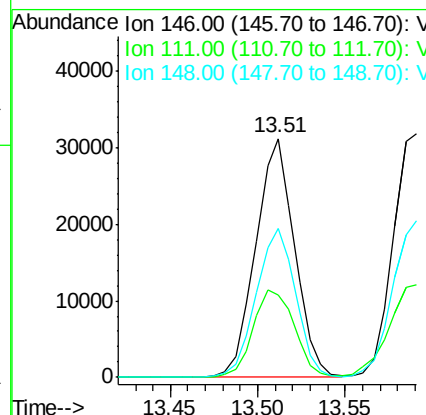
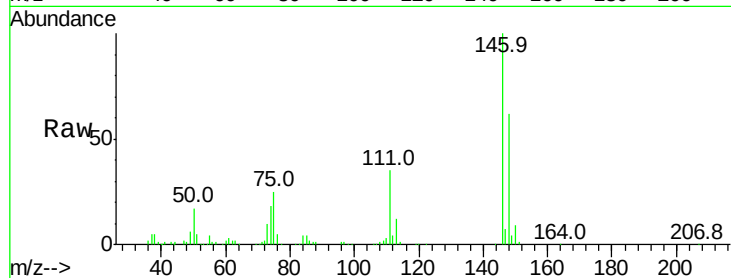
Time--> 12.30 12.35 12.40





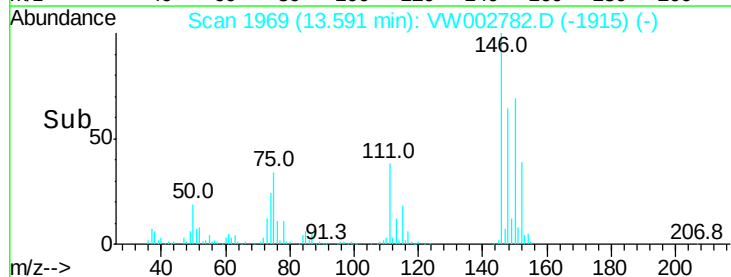
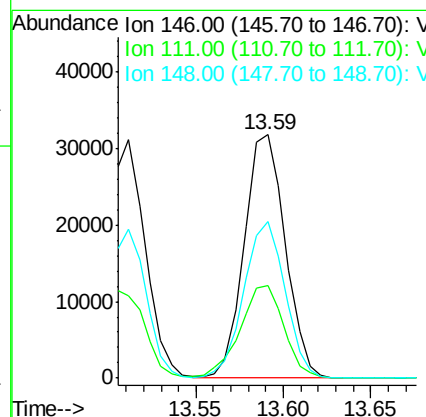
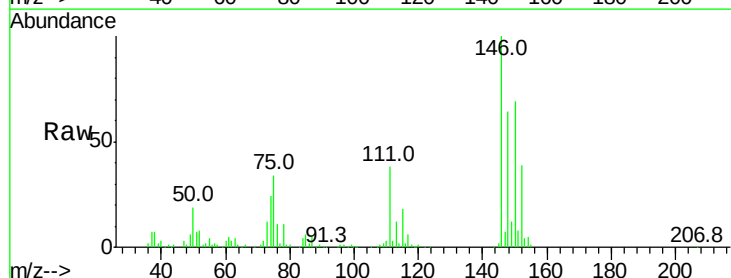
#63
1,3-Dichlorobenzene
Concen: 5.04 ug/L
RT: 13.51 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

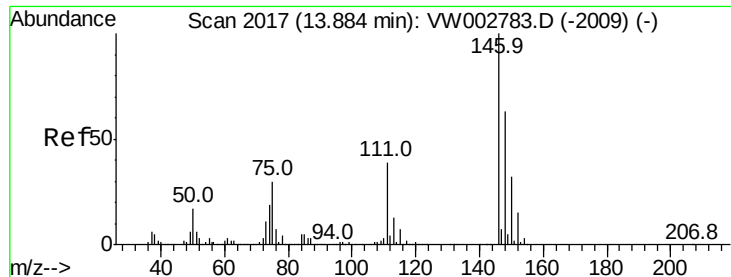
Tgt Ion:146 Resp: 48401
Ion Ratio Lower Upper
146 100
111 34.7 26.0 48.4
148 62.3 44.1 81.9



#64
1,4-Dichlorobenzene
Concen: 5.24 ug/L
RT: 13.59 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VW002782.D
Acq: 22 May 2018 10:15

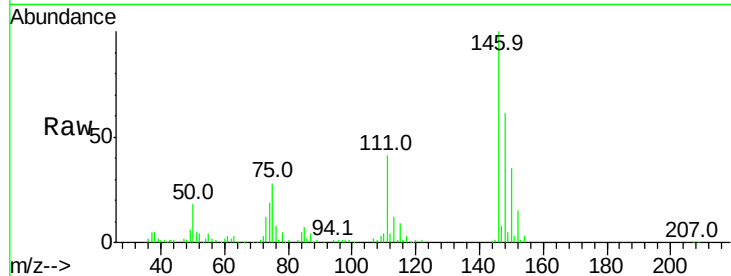
Tgt Ion:146 Resp: 51959
Ion Ratio Lower Upper
146 100
111 38.0 26.0 48.4
148 64.4 45.5 84.5



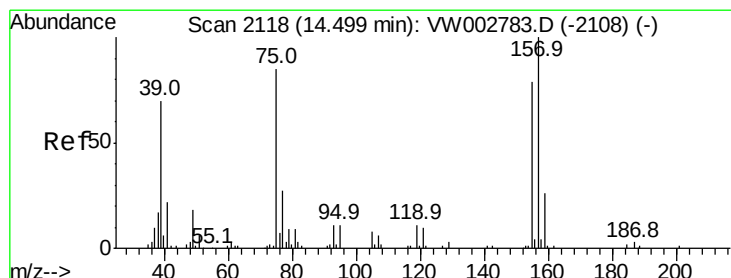
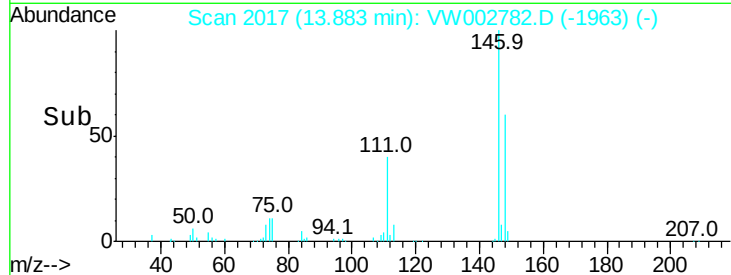
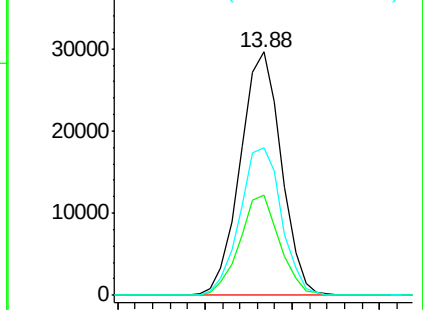


#65
 1,2-Dichlorobenzene
 Concen: 5.28 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

Tgt Ion: 146 Resp: 48258
 Ion Ratio Lower Upper
 146 100
 111 40.9 31.0 46.4
 148 60.8 50.7 76.1

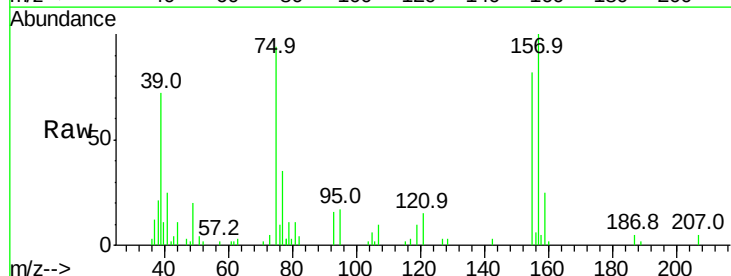


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

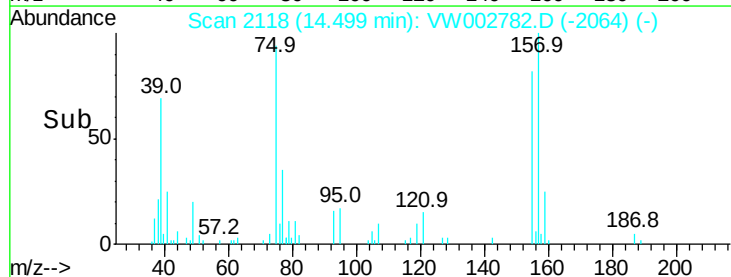
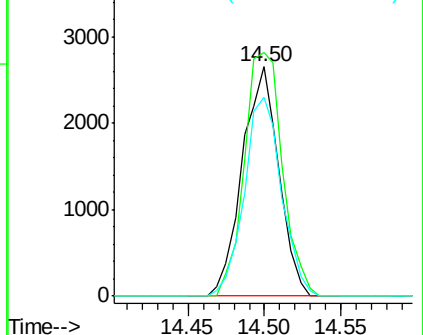


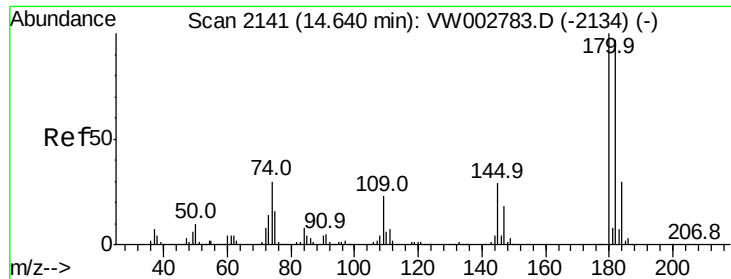
#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.22 ug/L
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

Tgt Ion: 75 Resp: 4384
 Ion Ratio Lower Upper
 75 100
 157 106.1 93.8 140.6
 155 86.5 74.3 111.5



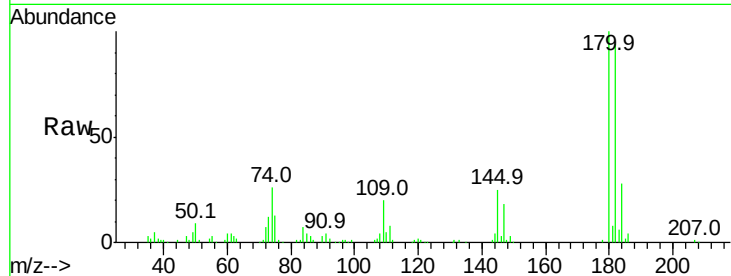
Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 157.00 (156.70 to 157.70): V
 Ion 155.00 (154.70 to 155.70): V



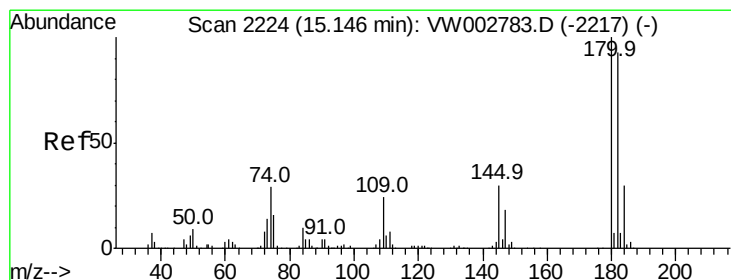
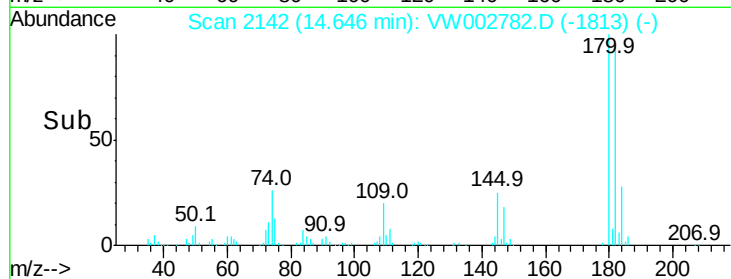
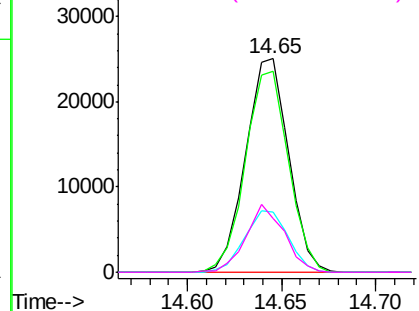


#67
 1,3,5-Trichlorobenzene
 Concen: 5.10 ug/L
 RT: 14.65 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

Tgt Ion:	180	Resp:	39631
Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.3	112.9
184	29.3	24.2	36.4
145	28.4	22.6	33.8

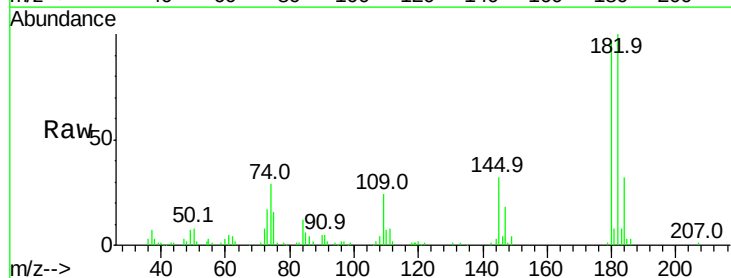


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

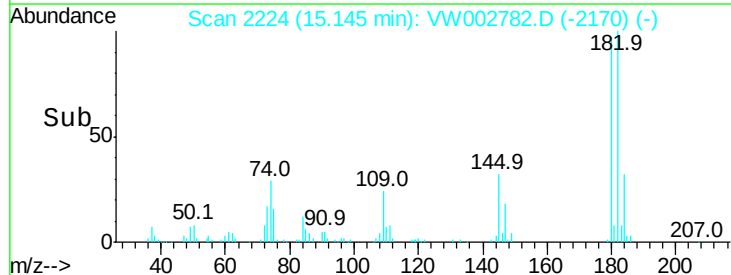
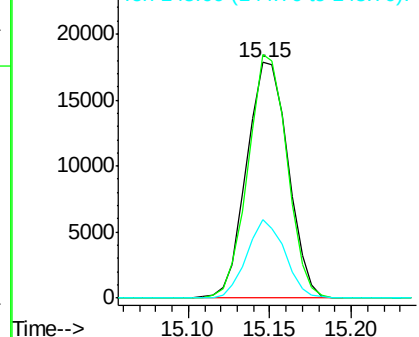


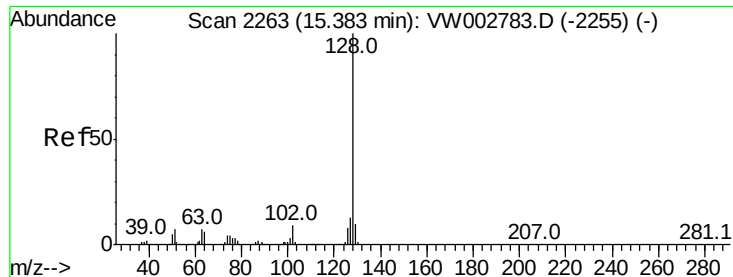
#68
 1,2,4-trichlorobenzene
 Concen: 4.80 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW002782.D
 Acq: 22 May 2018 10:15

Tgt Ion:	180	Resp:	31776
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.3	112.9
145	30.5	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: 4.28 ug/L

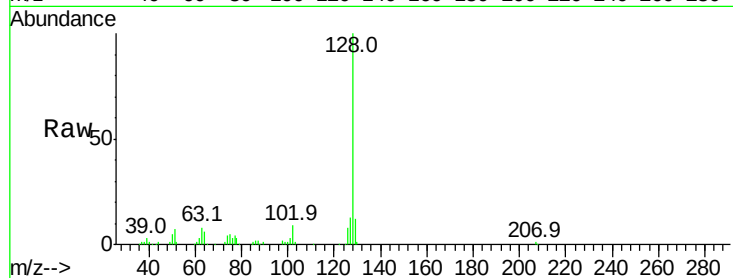
RT: 15.38 min Scan# 2263

Delta R.T. -0.00 min

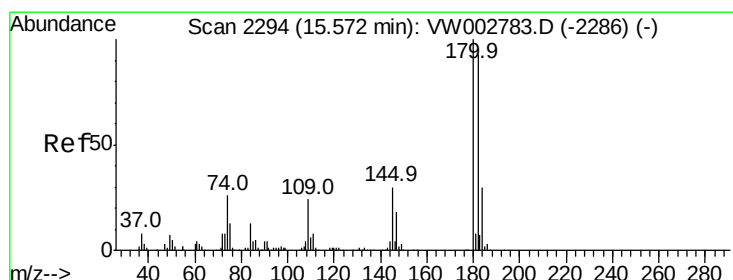
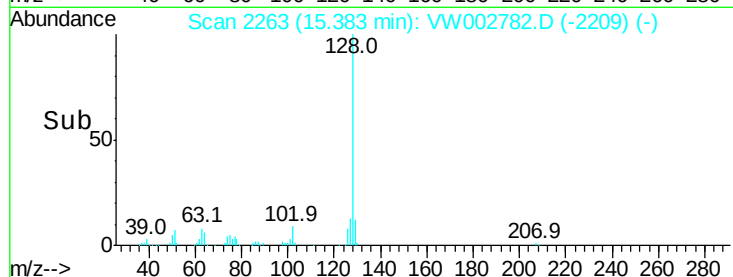
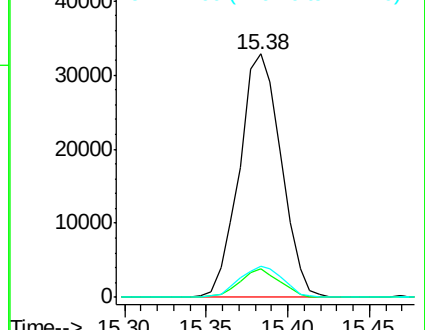
Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	128	Resp:	58798
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.05 ug/L

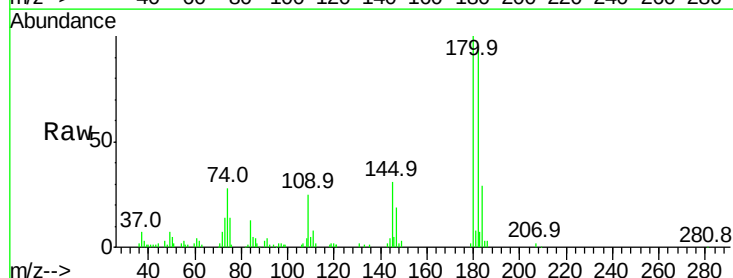
RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002782.D

Acq: 22 May 2018 10:15

Tgt Ion:	180	Resp:	30968
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	31.1	24.5	36.7



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

