

Data File : VW002781.D
Acq On : 22 May 2018 09:49
Operator : JC/SY
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:04:24 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	330646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	313689	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	10397	2.07	ug/L	0.00
7) Chloroethane-d5	2.88	69	8351	1.84	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.00	63	8842	1.04	ug/L	0.00
20) 2-Butanone-d5	7.09	46	7692	4.59	ug/L	0.00
24) Chloroform-d	7.65	84	18550	2.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	11285	2.18	ug/L	0.00
29) Benzene-d6	8.28	84	34338	1.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	11373	2.11	ug/L	0.00
37) Toluene-d8	10.33	98	32620	1.92	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	4812	1.88	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4941	3.66	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	11857	2.21	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	14180	2.21	ug/L	0.00

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	7883	2.51	ug/L	89
5) Vinyl chloride	2.36	62	13584	2.55	ug/L	89
6) Bromomethane	2.77	94	8083	2.15	ug/L	95
8) Chloroethane	2.92	64	7805	2.21	ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	8938	2.17	ug/L #	81
12) 1,1-Dichloroethene	4.02	96	9334	2.46	ug/L	84
13) Acetone	4.12	43	8031	4.90	ug/L	95
14) Carbon disulfide	4.36	76	28276	2.80	ug/L	98
15) Methyl Acetate	4.67	43	5952	2.36	ug/L	95
16) Methylene chloride	4.90	84	12097	2.89	ug/L	92
17) Methyl tert-butyl Ether	5.42	73	15798	2.17	ug/L #	86
18) trans-1,2-Dichloroethene	5.41	96	9775	2.49	ug/L	90
19) 1,1-Dichloroethane	6.21	63	16658	2.31	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	10356	2.32	ug/L	96
23) Bromochloromethane	7.51	128	5096	2.42	ug/L	97
25) Chloroform	7.68	83	18694	2.40	ug/L	94
27) 1,2-Dichloroethane	8.40	62	12767	2.36	ug/L	98
30) Cyclohexane	7.95	56	13671	2.13	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	14031	2.20	ug/L	98
32) Carbon tetrachloride	8.07	117	13536	2.19	ug/L	100
34) Benzene	8.32	78	37806	2.27	ug/L	100
35) Trichloroethene	9.09	95	10694	2.36	ug/L	97
36) Methylcyclohexane	9.34	83	16185	2.19	ug/L	99
40) 1,2-Dichloropropane	9.37	63	9850	2.23	ug/L #	96
41) Bromodichloromethane	9.65	83	12648	2.19	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	13934	2.03	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	15258	4.08	ug/L	100
44) Toluene	10.40	91	40038	2.17	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	12483	2.03	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	8110	2.21	ug/L	89

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

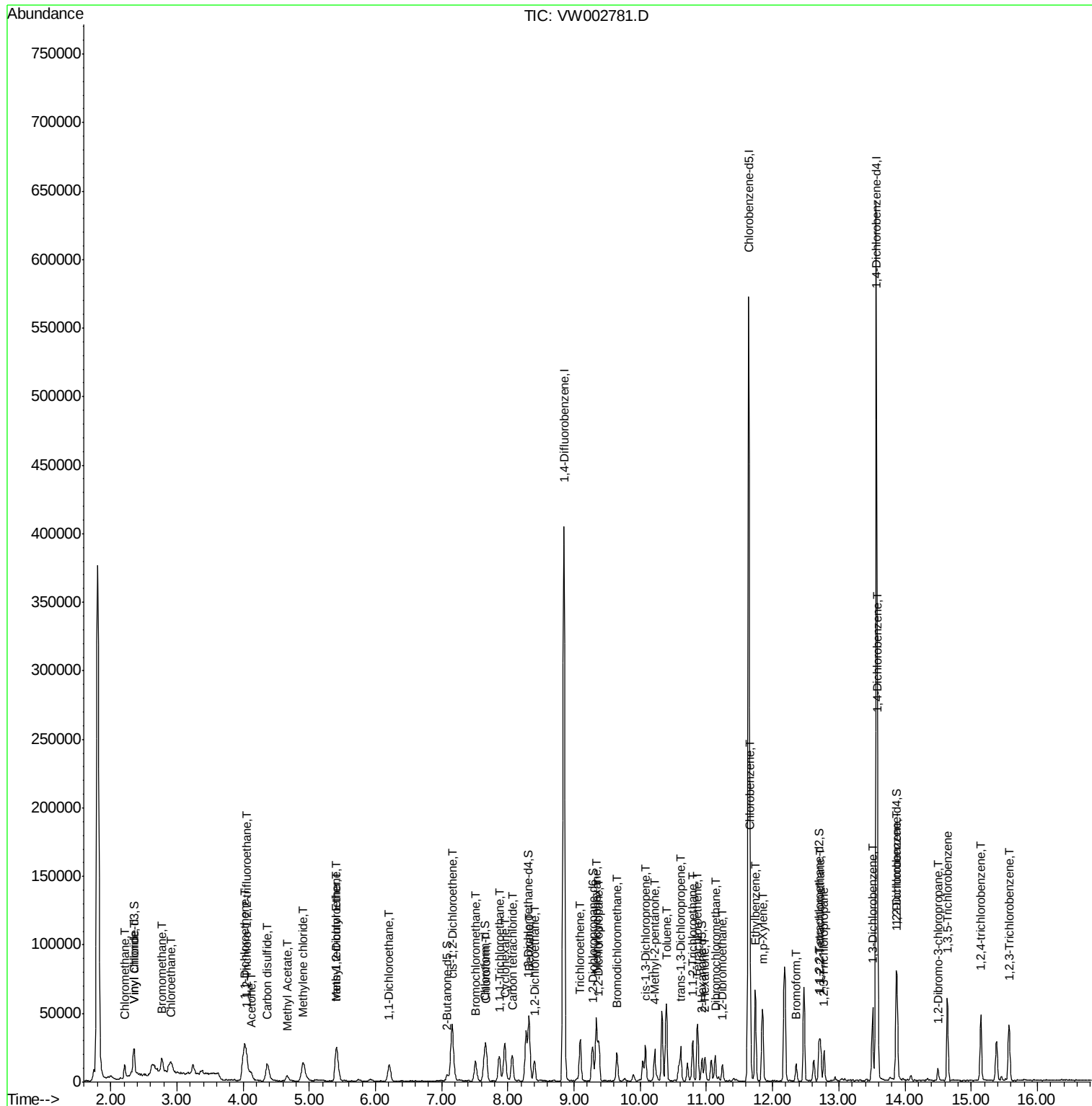
47) Tetrachloroethene	10.87	164	9163	2.34	ug/L	96
49) 2-Hexanone	10.98	43	10172	3.67	ug/L	96
50) Dibromochloromethane	11.13	129	9281	2.10	ug/L	91
51) 1,2-Dibromoethane	11.24	107	8022	2.24	ug/L	92
52) Chlorobenzene	11.66	112	27510	2.23	ug/L	96
53) Ethylbenzene	11.74	91	43217	2.05	ug/L	100
54) m,p-Xylene	11.85	106	16024	2.01	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.73	83	11446	2.27	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	8279	2.17	ug/L	97
62) Bromoform	12.35	173	5811	2.11	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	21927	2.22	ug/L	94
64) 1,4-Dichlorobenzene	13.59	146	23454	2.30	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	21088	2.24	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	2065	2.39	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.64	180	17824	2.23	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	14810	2.17	ug/L	98
70) 1,2,3-Trichlorobenzene	15.57	180	13379	2.12	ug/L	99

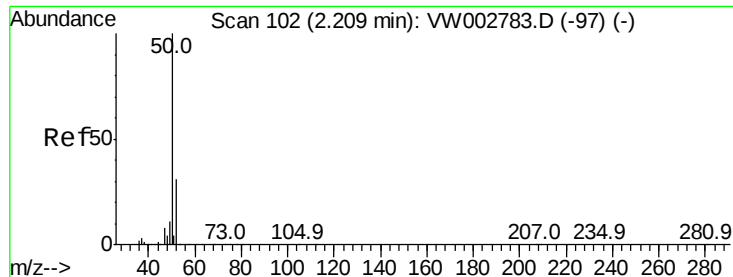
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.51 ug/L

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002781.D

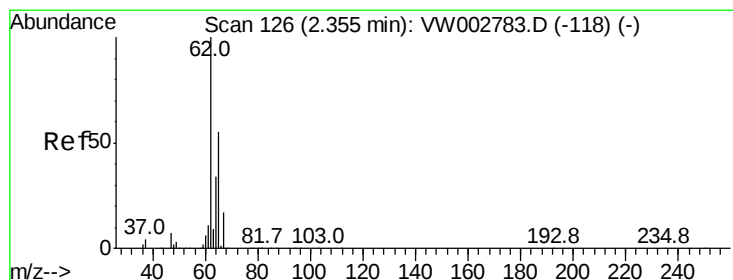
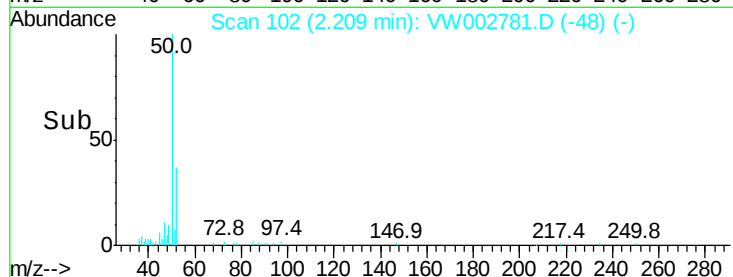
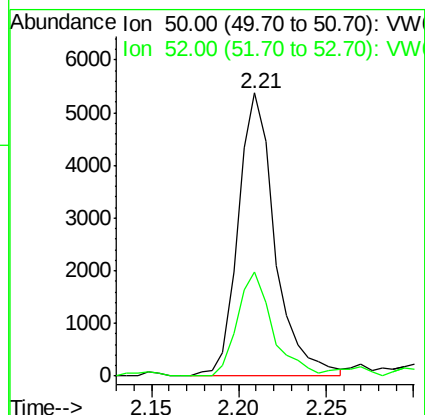
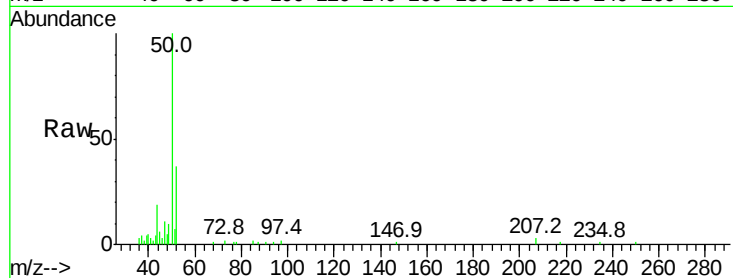
Acq: 22 May 2018 09:49

Tgt Ion: 50 Resp: 7883

Ion Ratio Lower Upper

50 100

52 36.7 21.4 39.8



#5

Vinyl chloride

Concen: 2.55 ug/L

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002781.D

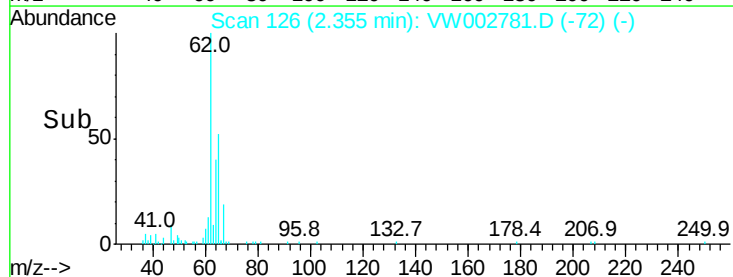
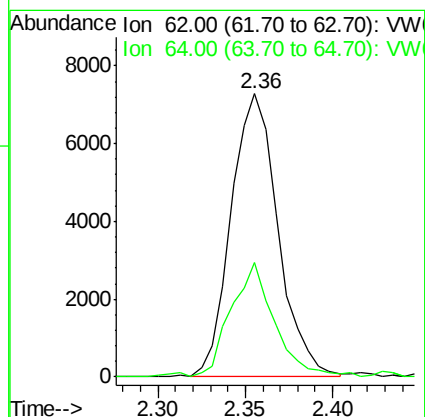
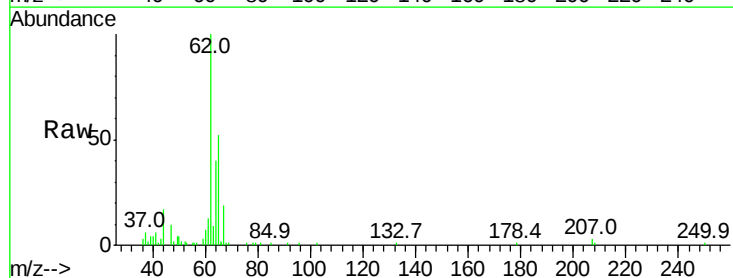
Acq: 22 May 2018 09:49

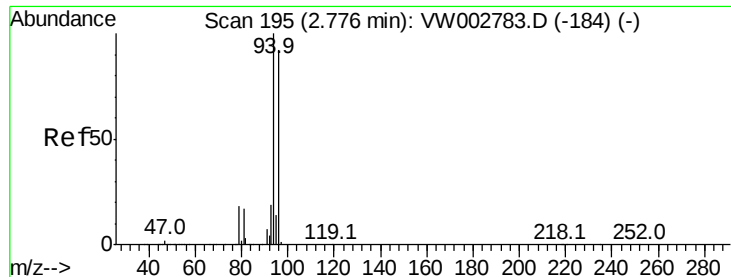
Tgt Ion: 62 Resp: 13584

Ion Ratio Lower Upper

62 100

64 40.3 24.0 44.6





#6

Bromomethane

Concen: 2.15 ug/L

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002781.D

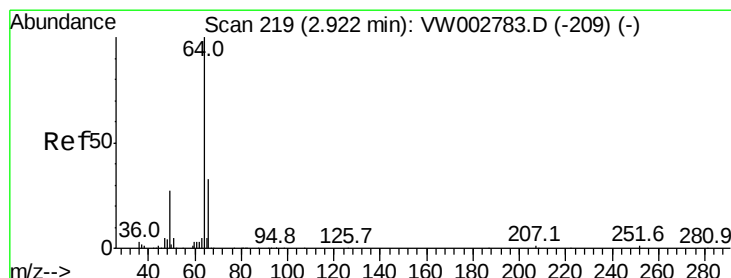
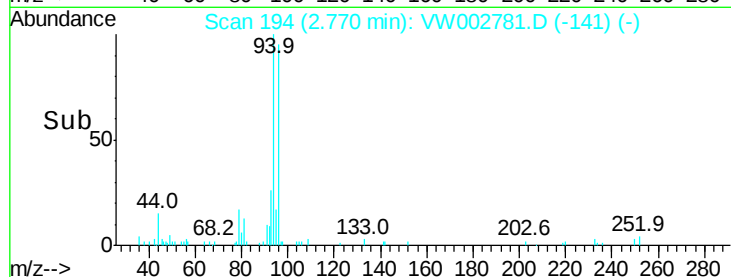
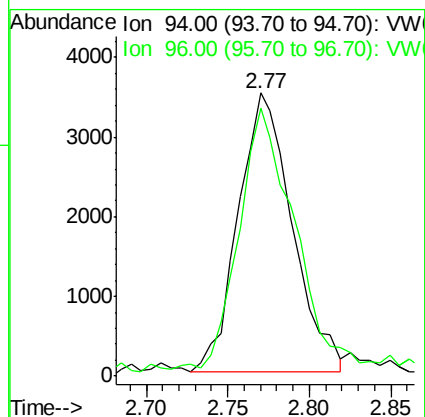
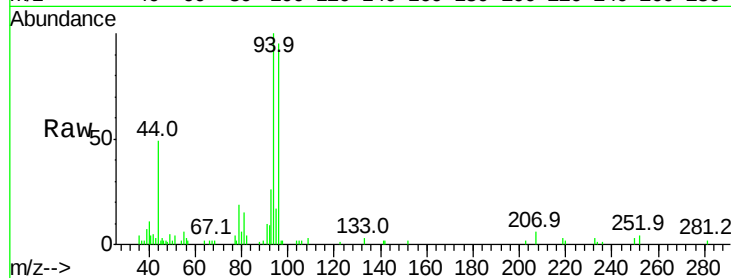
Acq: 22 May 2018 09:49

Tgt Ion: 94 Resp: 8083

Ion Ratio Lower Upper

94 100

96 98.1 9.3 177.7



#8

Chloroethane

Concen: 2.21 ug/L

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002781.D

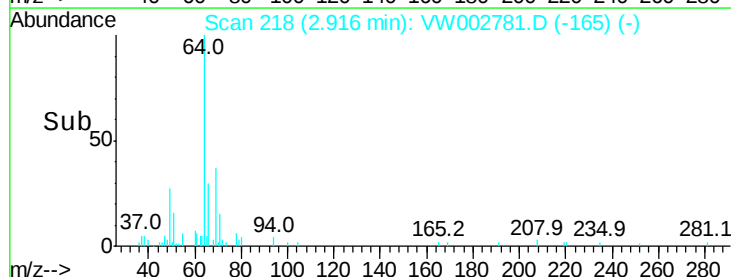
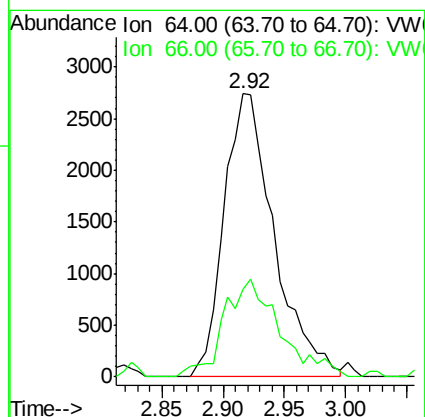
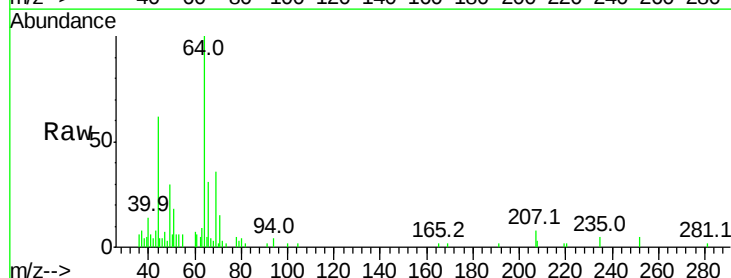
Acq: 22 May 2018 09:49

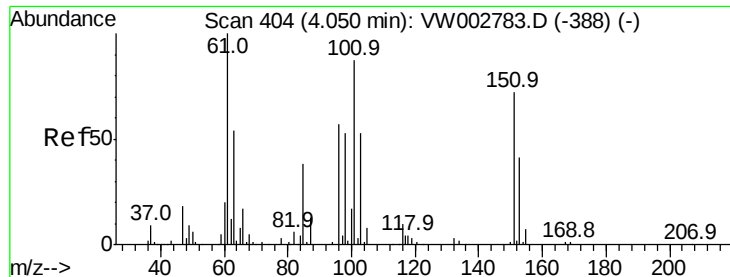
Tgt Ion: 64 Resp: 7805

Ion Ratio Lower Upper

64 100

66 31.1 23.2 43.2





#11

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

Concen: 2.17 ug/L

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

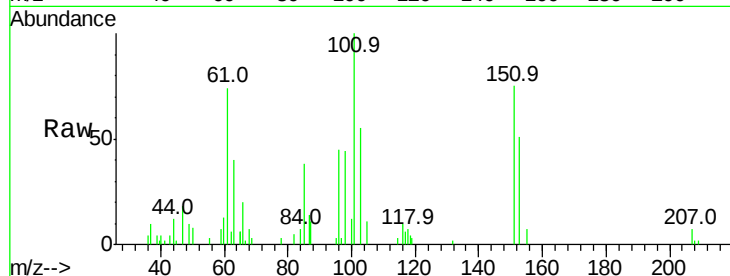
Tgt Ion: 101 Resp: 8938

Ion Ratio Lower Upper

101 100

85 36.7 33.8 50.8

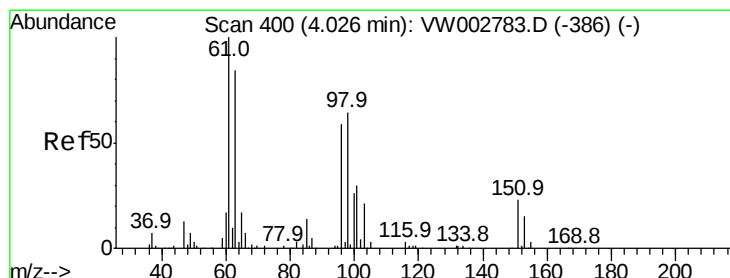
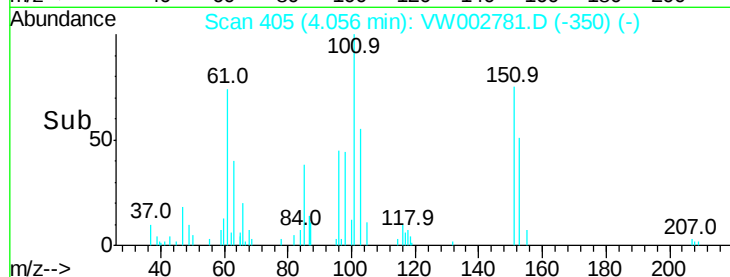
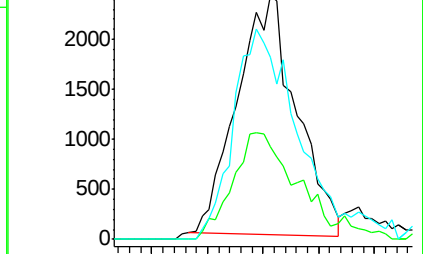
151 60.1 65.8 98.6#



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: 2.46 ug/L

RT: 4.02 min Scan# 399

Delta R.T. -0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

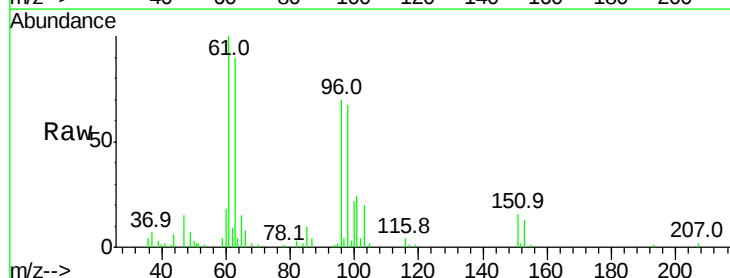
Tgt Ion: 96 Resp: 9334

Ion Ratio Lower Upper

96 100

61 143.9 119.9 222.7

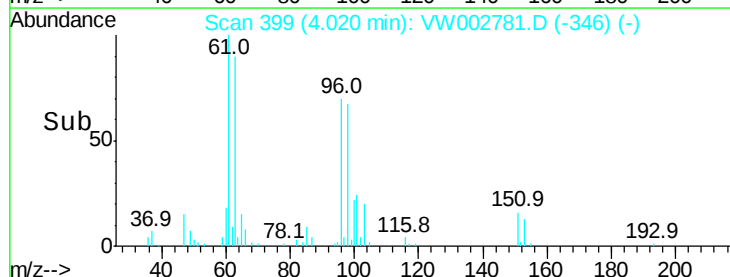
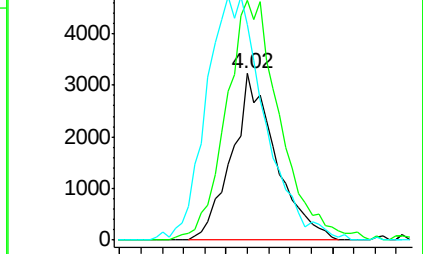
63 129.0 100.7 187.1

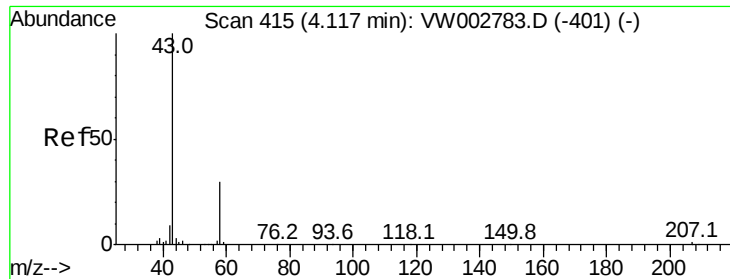


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 4.90 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002781.D

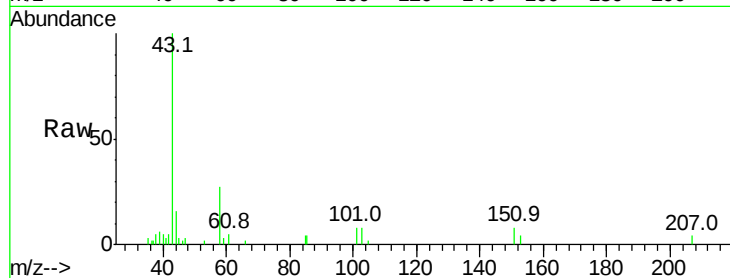
Acq: 22 May 2018 09:49

Tgt Ion: 43 Resp: 8031

Ion Ratio Lower Upper

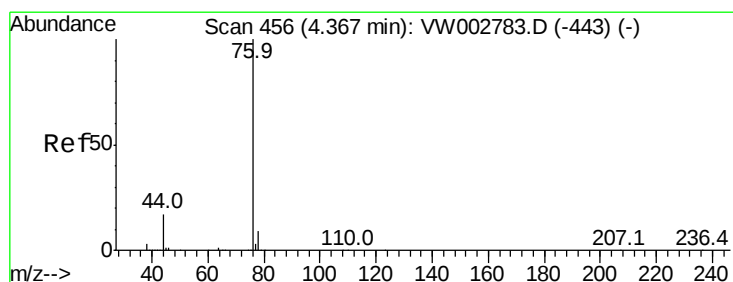
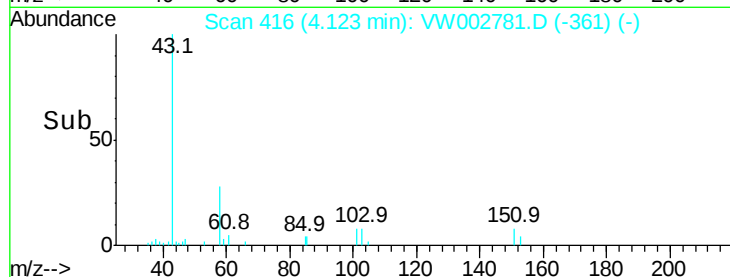
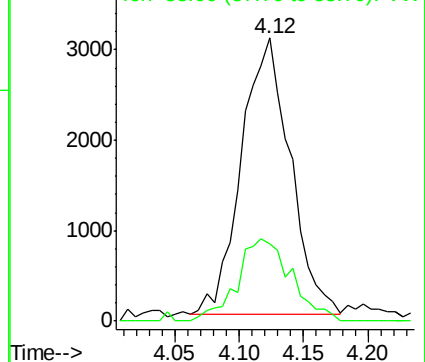
43 100

58 33.0 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.80 ug/L

RT: 4.36 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW002781.D

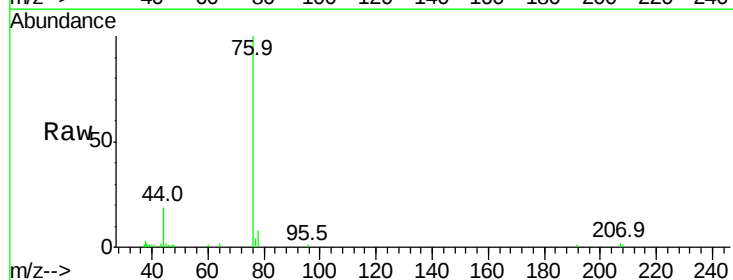
Acq: 22 May 2018 09:49

Tgt Ion: 76 Resp: 28276

Ion Ratio Lower Upper

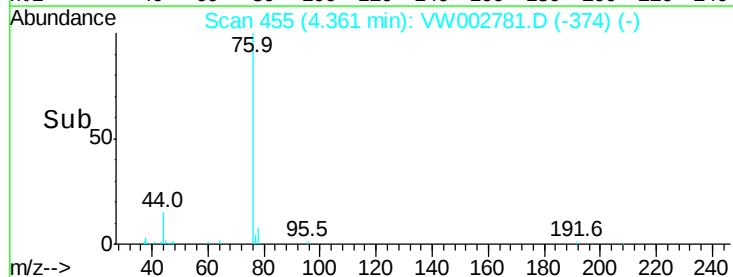
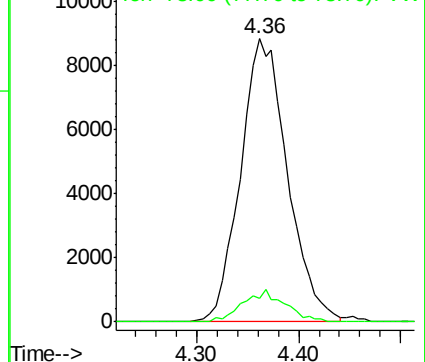
76 100

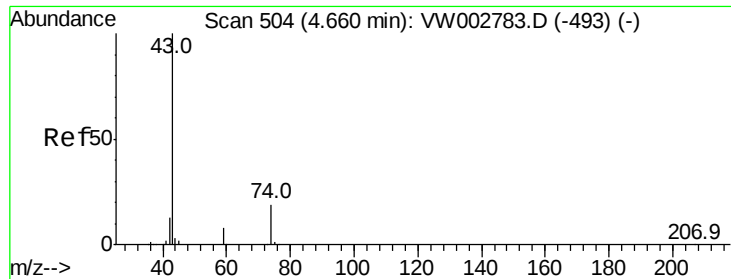
78 8.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

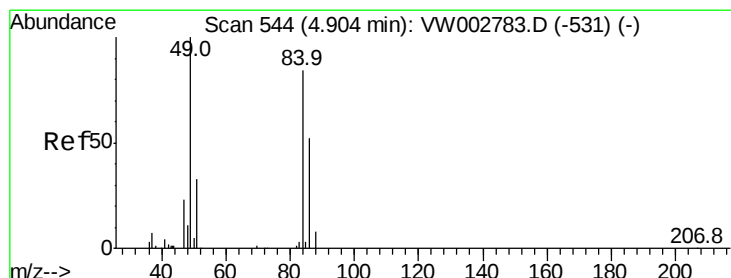
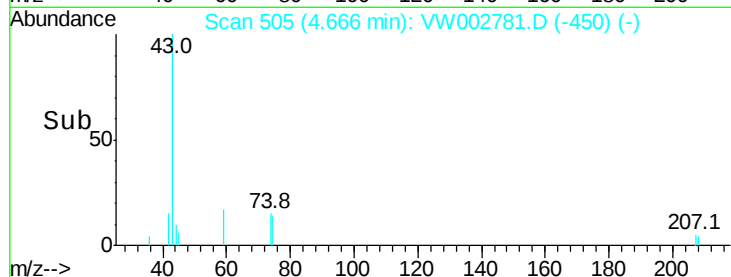
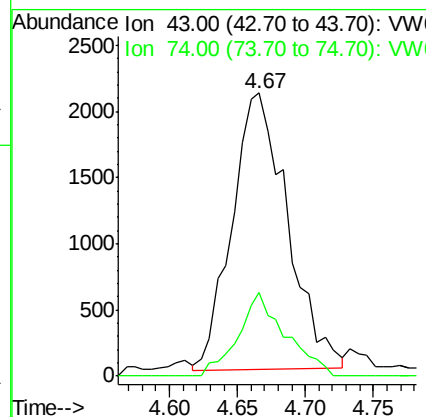
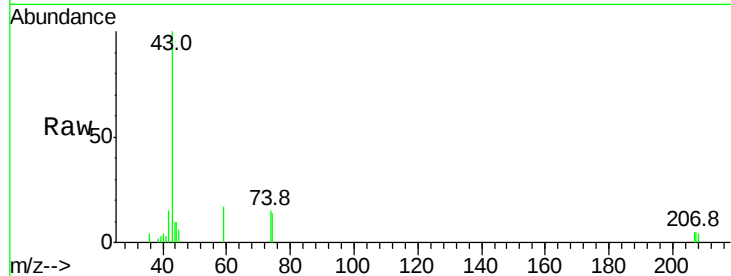
Ion 78.00 (77.70 to 78.70): VW





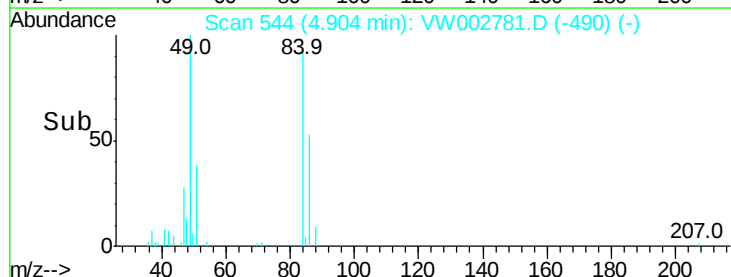
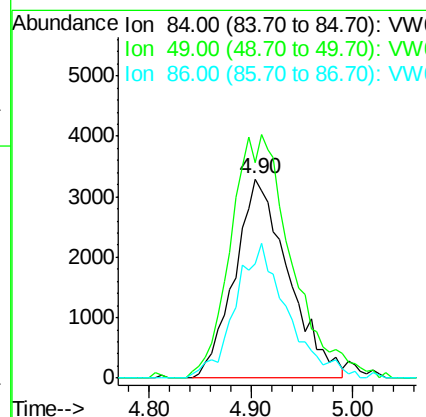
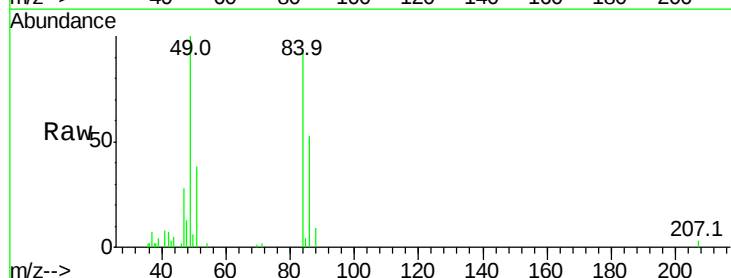
#15
Methyl Acetate
Concen: 2.36 ug/L
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

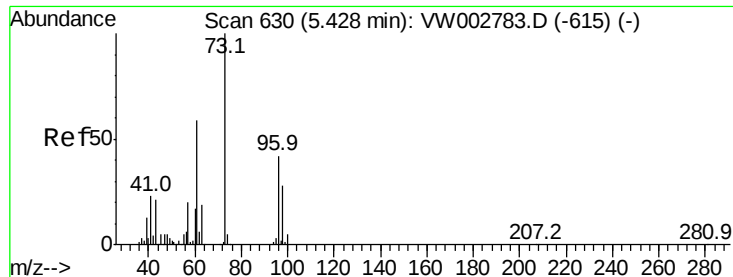
Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
74 25.8 18.6 27.8



#16
Methylene chloride
Concen: 2.89 ug/L
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

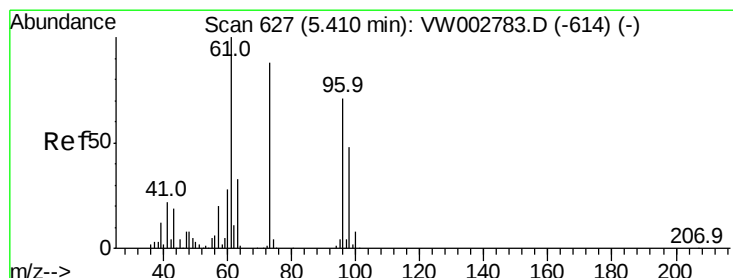
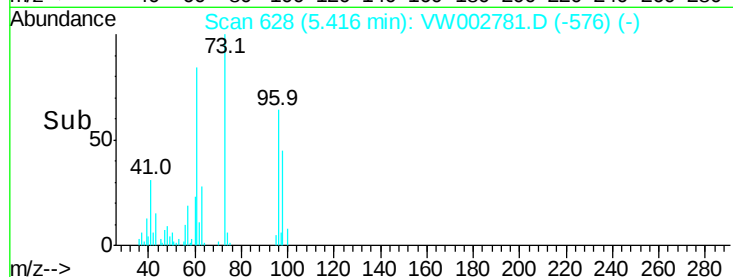
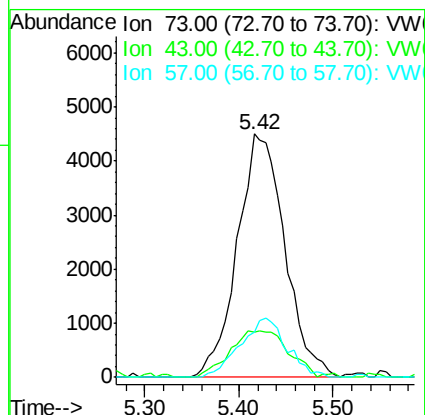
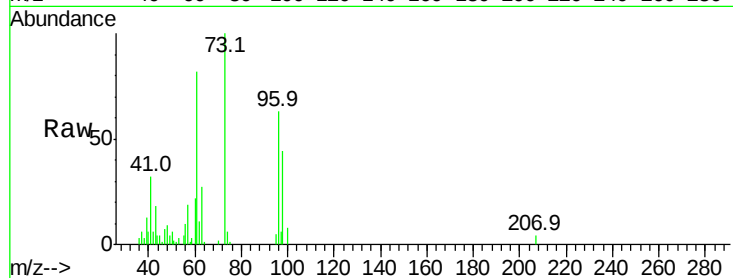
Tgt Ion: 84 Resp: 12097
Ion Ratio Lower Upper
84 100
49 108.3 83.0 154.1
86 57.5 43.3 80.3





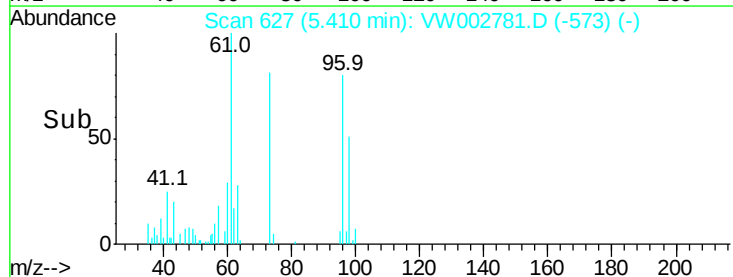
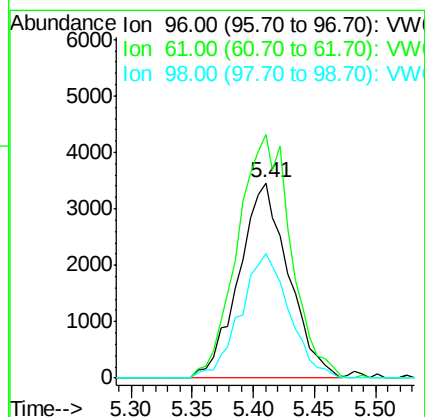
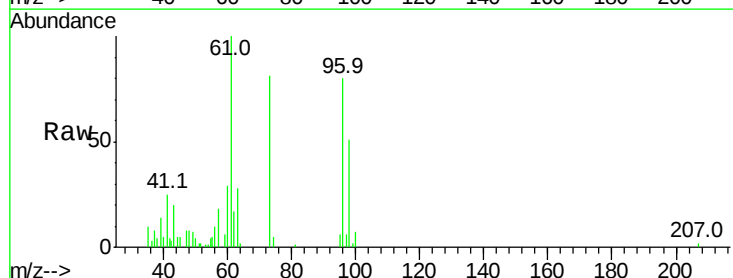
#17
Methyl tert-butyl Ether
Concen: 2.17 ug/L
RT: 5.42 min Scan# 628
Delta R.T. -0.01 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

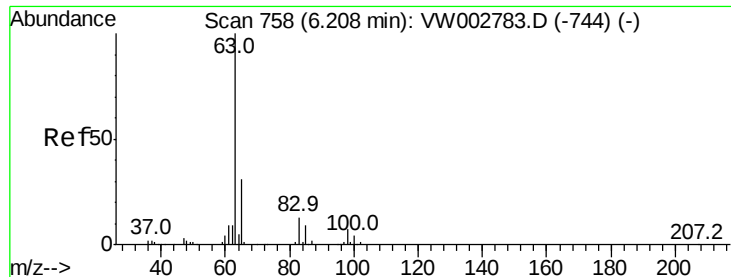
Tgt Ion	Ratio	Lower	Upper
73	100		
43	10.7	17.6	26.4#
57	23.2	17.4	26.0



#18
trans-1,2-Dichloroethene
Concen: 2.49 ug/L
RT: 5.41 min Scan# 627
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

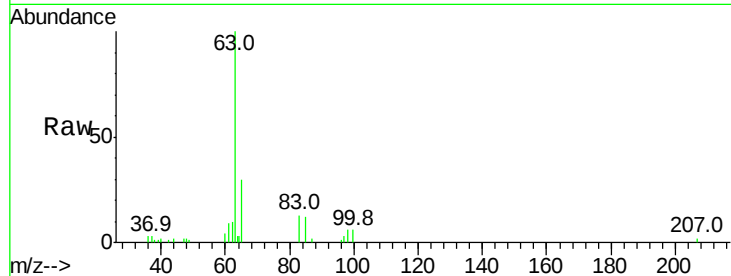
Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.7	97.9	181.9
98	63.7	46.5	86.5



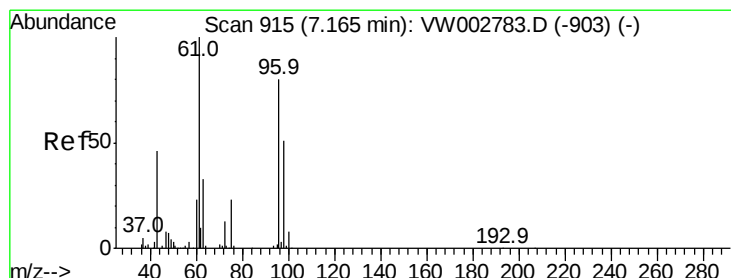
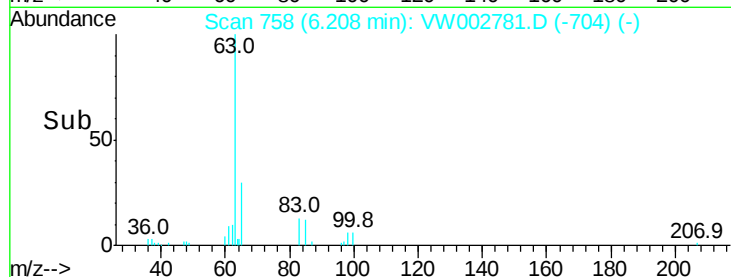
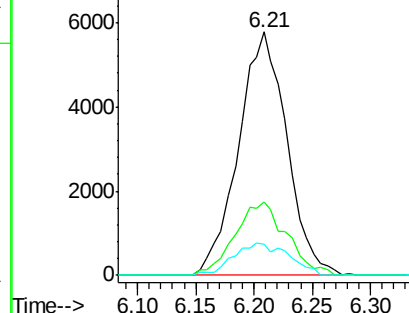


#19
 1,1-Dichloroethane
 Concen: 2.31 ug/L
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion:	63	Resp:	16658
Ion	Ratio	Lower	Upper
63	100		
65	30.1	21.8	40.4
83	12.7	9.0	16.8

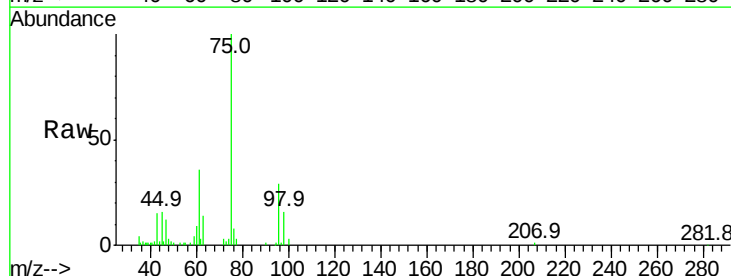


Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 65.00 (64.70 to 65.70): VW
 Ion 83.00 (82.70 to 83.70): VW

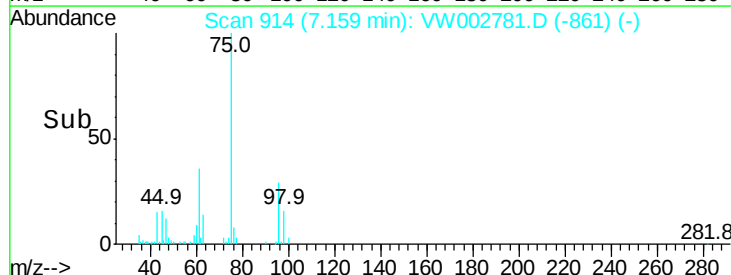
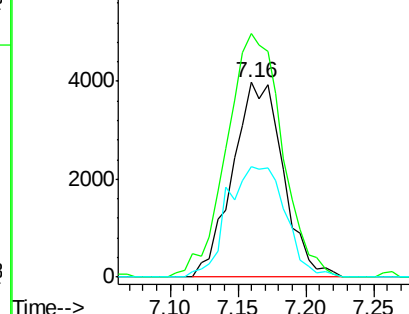


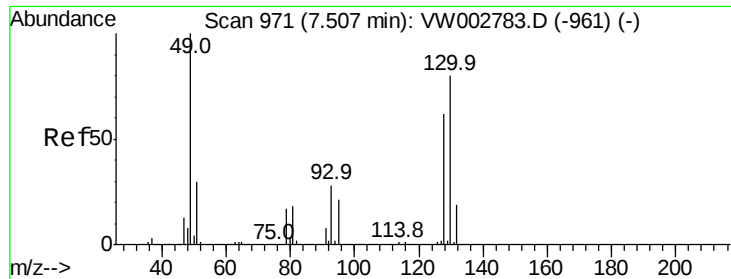
#22
 cis-1,2-Dichloroethene
 Concen: 2.32 ug/L
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion:	96	Resp:	10356
Ion	Ratio	Lower	Upper
96	100		
61	124.9	88.0	163.4
98	56.6	44.8	83.2



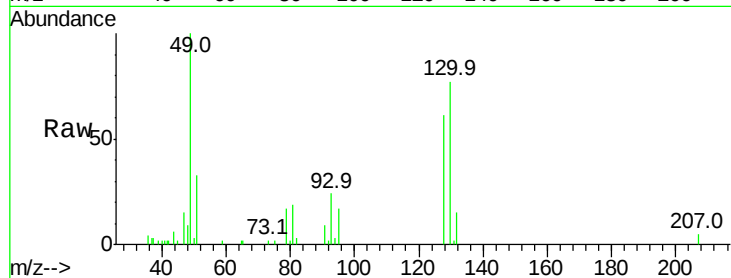
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



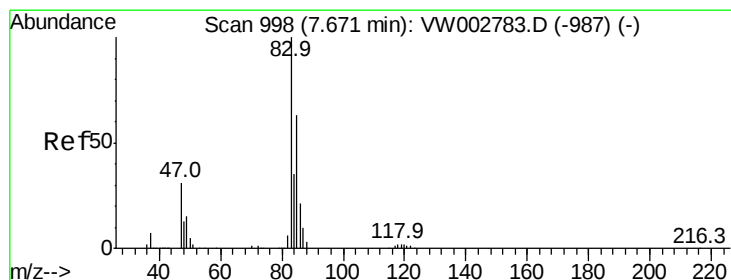
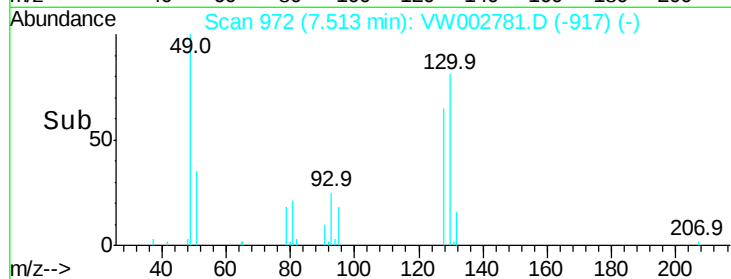
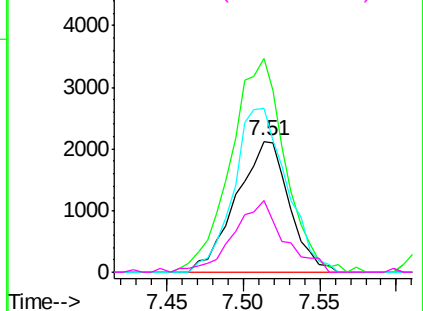


#23
Bromochloromethane
Concen: 2.42 ug/L
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

Tgt Ion: 128 Resp: 5096
Ion Ratio Lower Upper
128 100
49 163.6 112.2 208.4
130 125.6 89.5 166.3
51 54.6 39.0 58.6

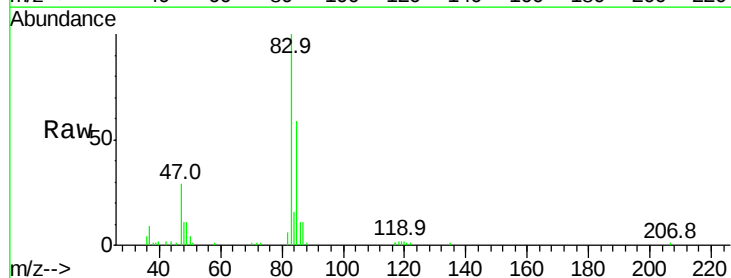


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VV
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VV

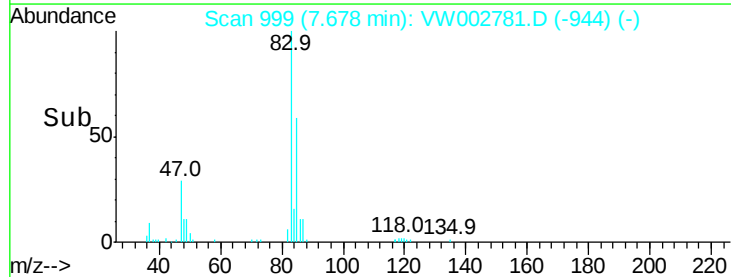
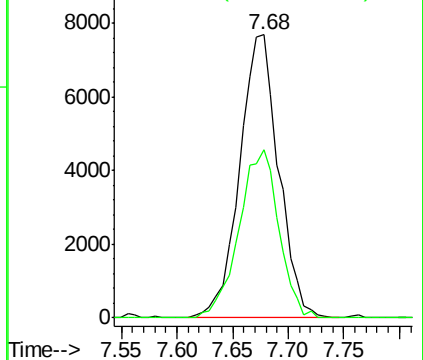


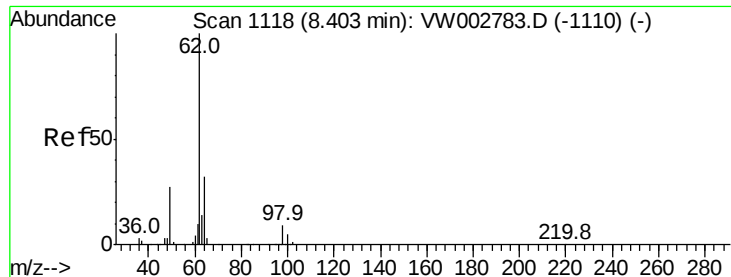
#25
Chloroform
Concen: 2.40 ug/L
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

Tgt Ion: 83 Resp: 18694
Ion Ratio Lower Upper
83 100
85 60.7 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV
Ion 85.00 (84.70 to 85.70): VV





#27

1,2-Dichloroethane

Concen: 2.36 ug/L

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW002781.D

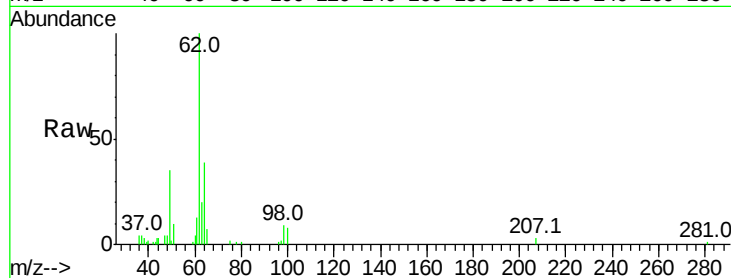
Acq: 22 May 2018 09:49

Tgt Ion: 62 Resp: 12767

Ion Ratio Lower Upper

62 100

98 8.5 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.40

6000

5000

4000

3000

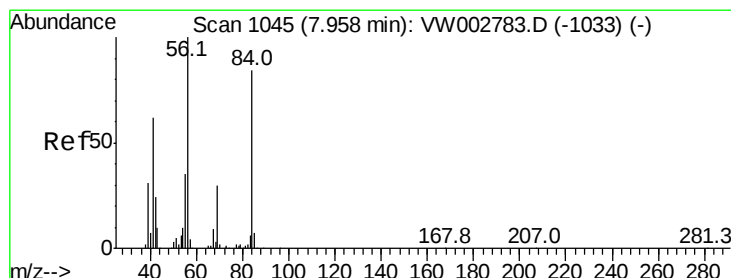
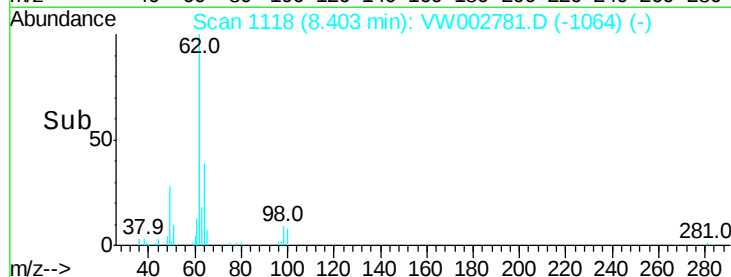
2000

1000

0

8.30 8.35 8.40 8.45

Time-->



#30

Cyclohexane

Concen: 2.13 ug/L

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

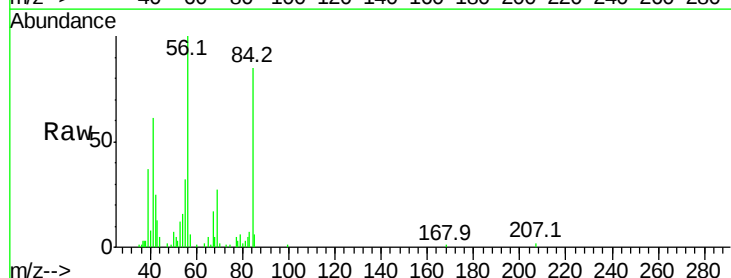
Tgt Ion: 56 Resp: 13671

Ion Ratio Lower Upper

56 100

69 28.5 24.4 36.6

84 86.3 69.9 104.9



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

7.95

6000

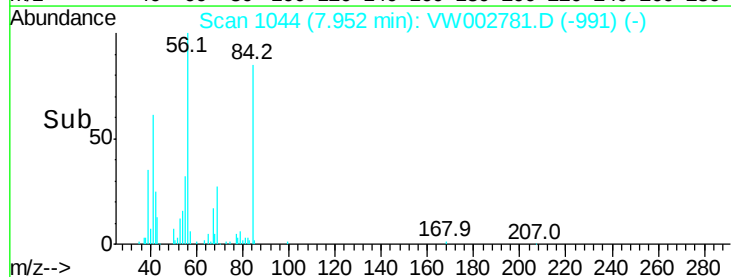
4000

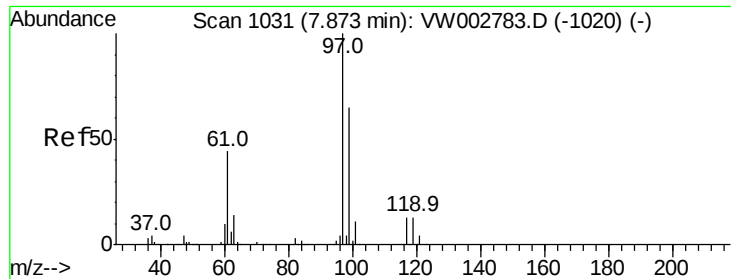
2000

0

7.85 7.90 7.95 8.00 8.05

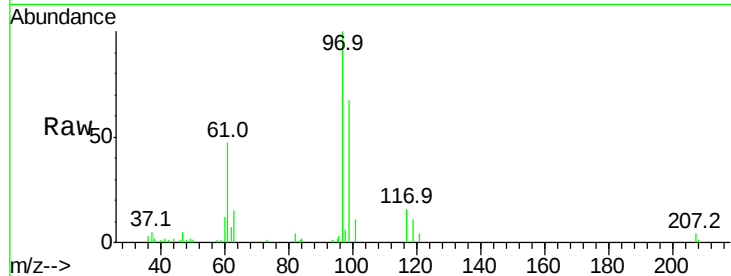
Time-->



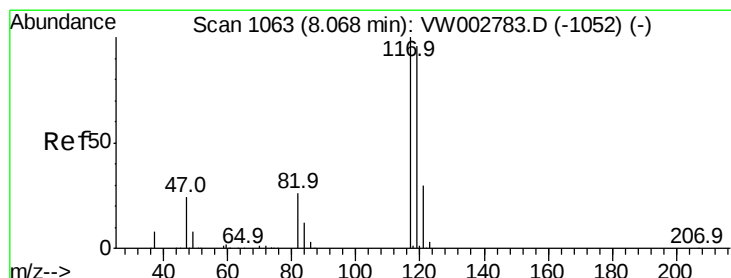
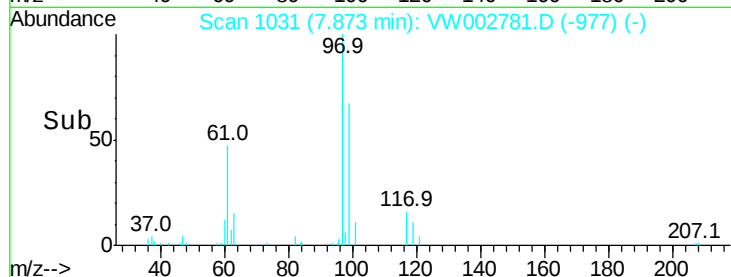
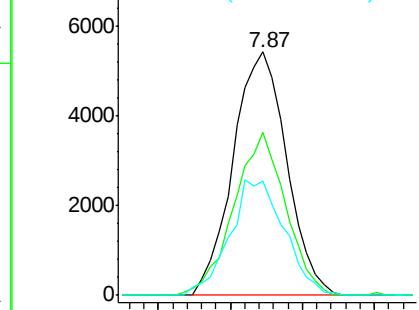


#31
 1,1,1-Trichloroethane
 Concen: 2.20 ug/L
 RT: 7.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion: 97 Resp: 14031
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 48.3 36.6 55.0

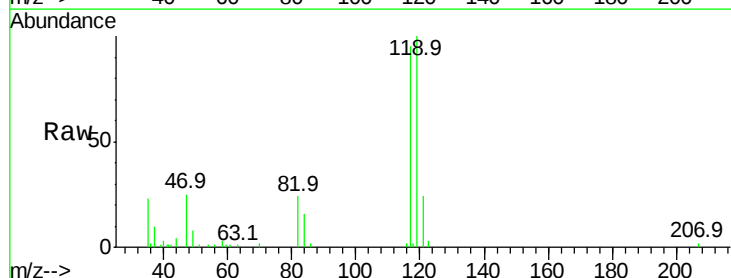


Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 99.00 (98.70 to 99.70): VW
 Ion 61.00 (60.70 to 61.70): VW

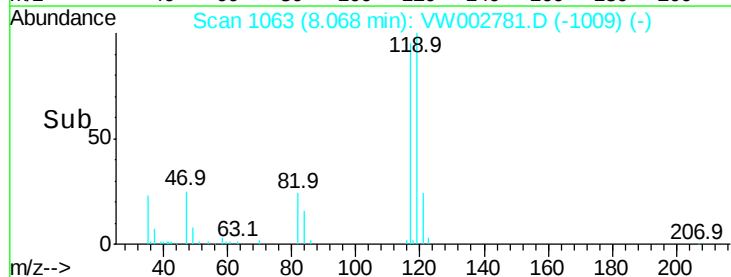
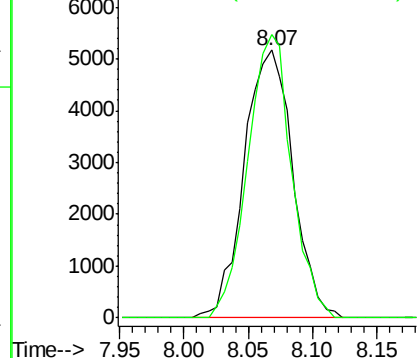


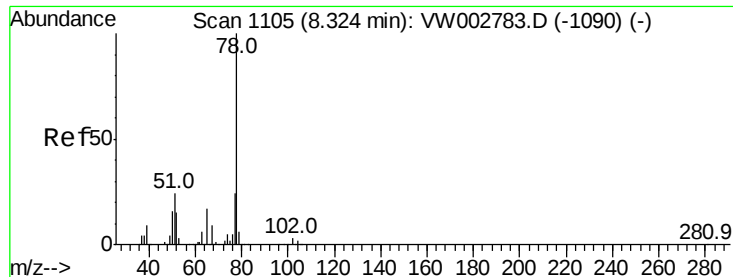
#32
 Carbon tetrachloride
 Concen: 2.19 ug/L
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion: 117 Resp: 13536
 Ion Ratio Lower Upper
 117 100
 119 95.1 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: 2.27 ug/L

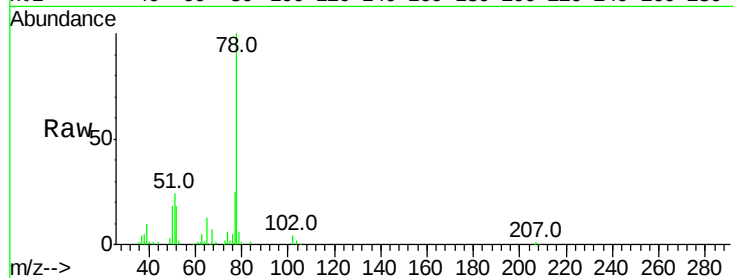
RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

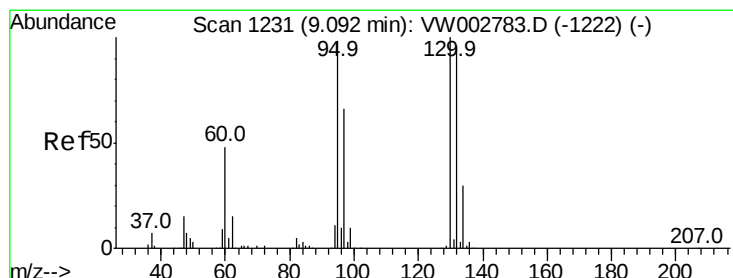
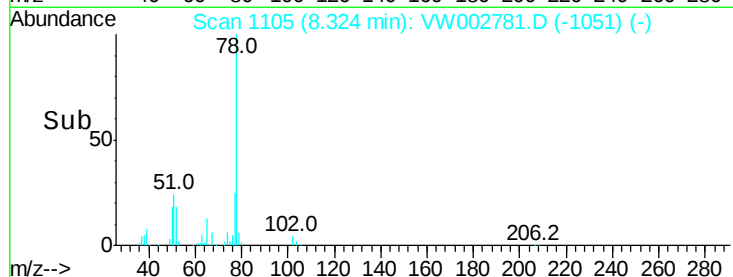
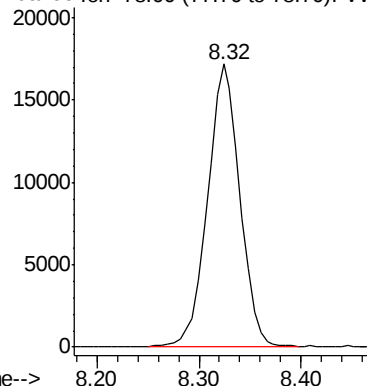
Lab File: VW002781.D

Acq: 22 May 2018 09:49

Tgt Ion: 78 Resp: 37806



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.36 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

Tgt Ion: 95 Resp: 10694

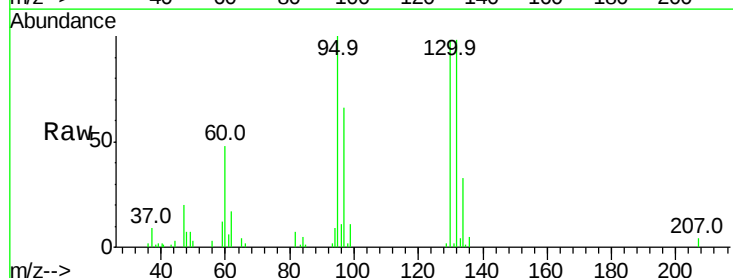
Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.4	84.2
132	101.4	69.7	129.5
130	100.0	73.4	136.2

95 100

97 66.4 45.4 84.2

132 101.4 69.7 129.5

130 100.0 73.4 136.2

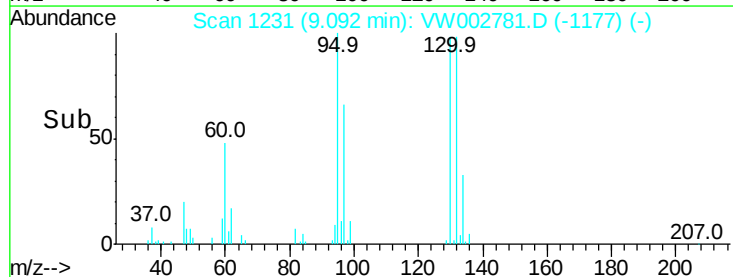
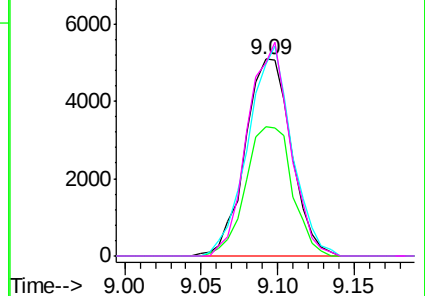


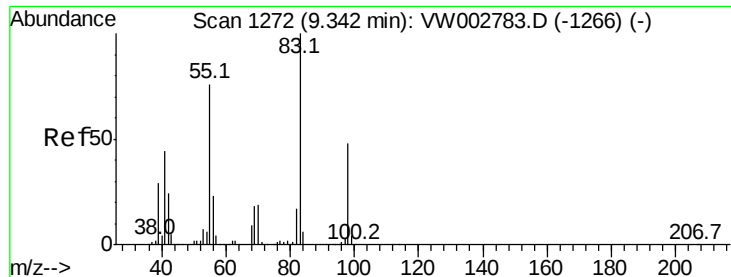
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.19 ug/L

RT: 9.34 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

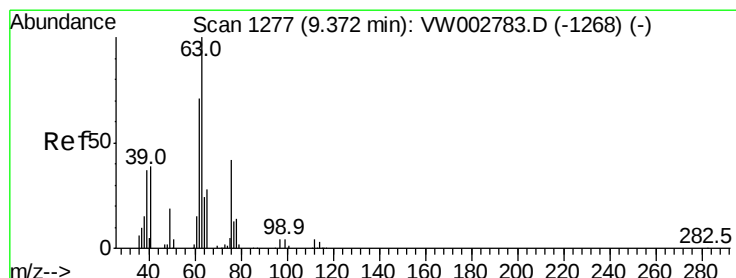
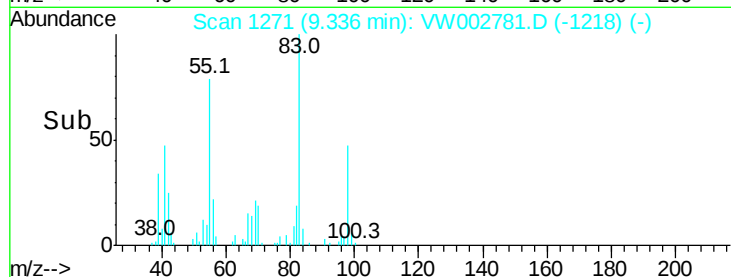
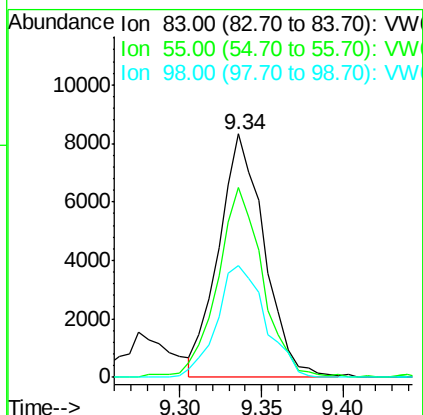
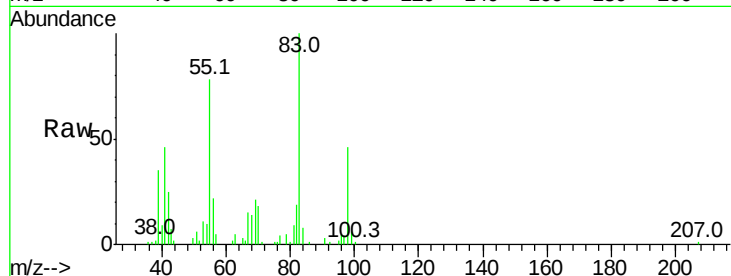
Tgt Ion: 83 Resp: 16185

Ion Ratio Lower Upper

83 100

55 75.6 61.1 91.7

98 48.9 38.8 58.2



#40

1,2-Dichloropropane

Concen: 2.23 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW002781.D

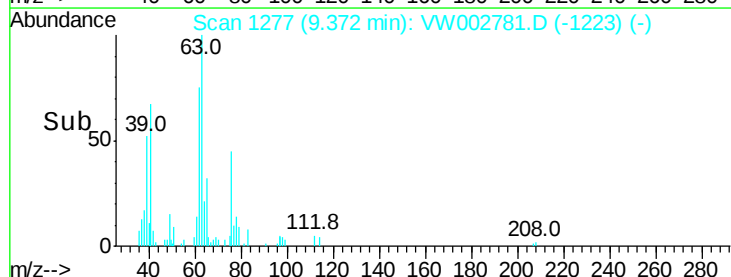
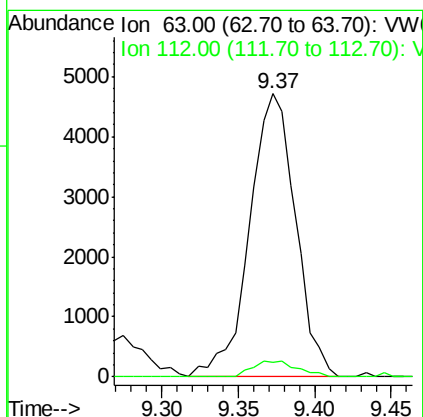
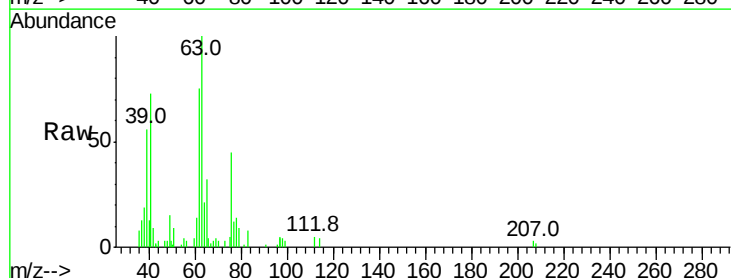
Acq: 22 May 2018 09:49

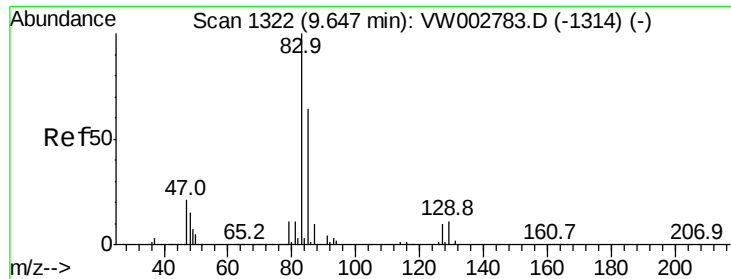
Tgt Ion: 63 Resp: 9850

Ion Ratio Lower Upper

63 100

112 5.7 3.4 5.0#





#41

Bromodichloromethane

Concen: 2.19 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

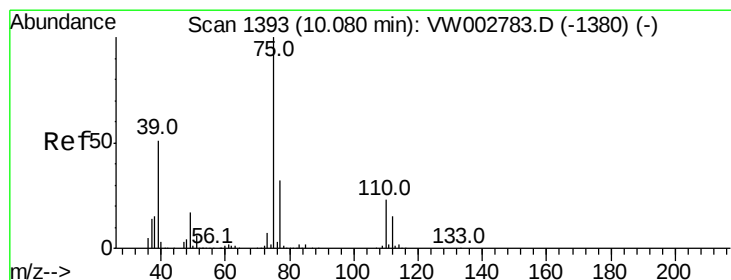
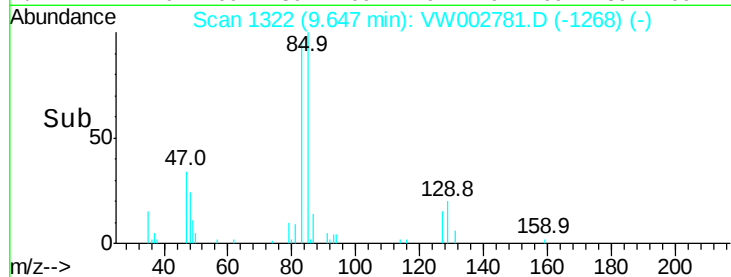
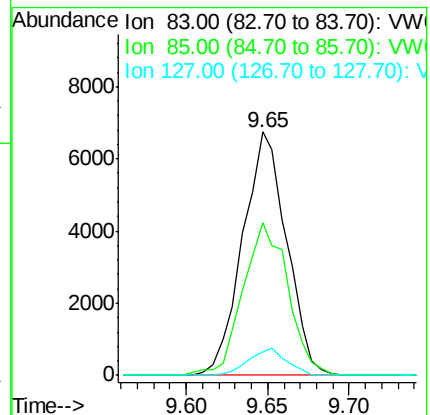
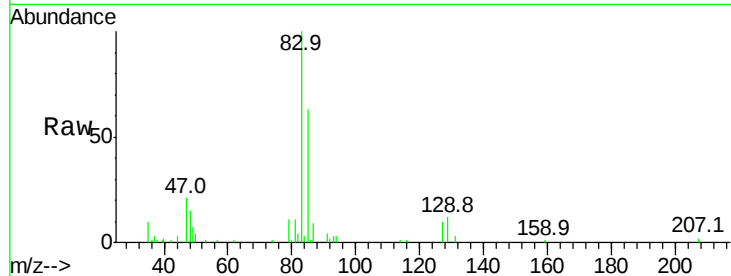
Tgt Ion: 83 Resp: 12648

Ion Ratio Lower Upper

83 100

85 62.8 44.5 82.7

127 9.7 7.8 11.6



#42

cis-1,3-Dichloropropene

Concen: 2.03 ug/L

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW002781.D

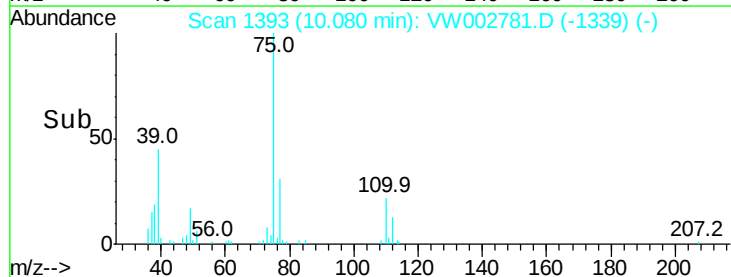
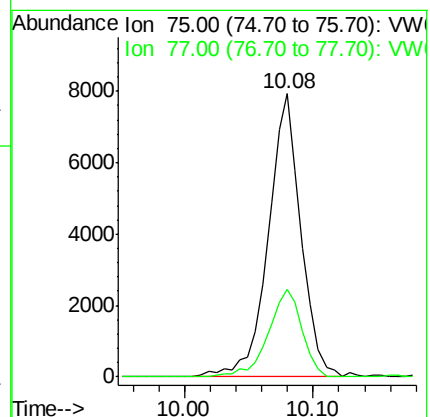
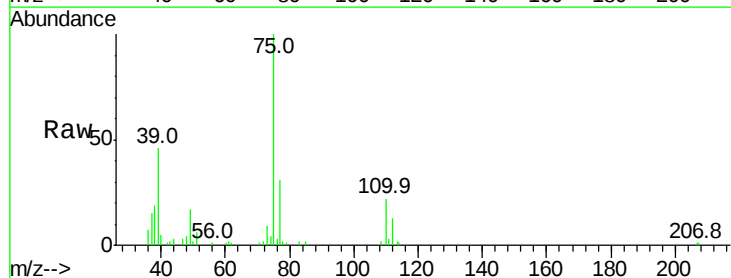
Acq: 22 May 2018 09:49

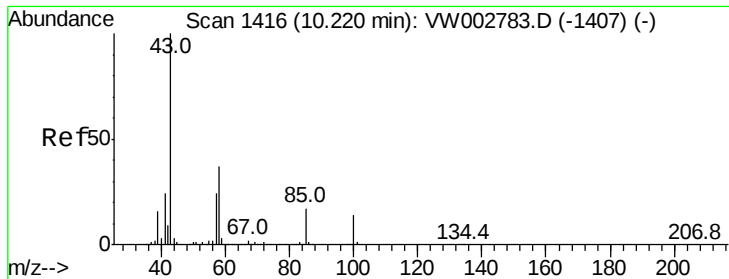
Tgt Ion: 75 Resp: 13934

Ion Ratio Lower Upper

75 100

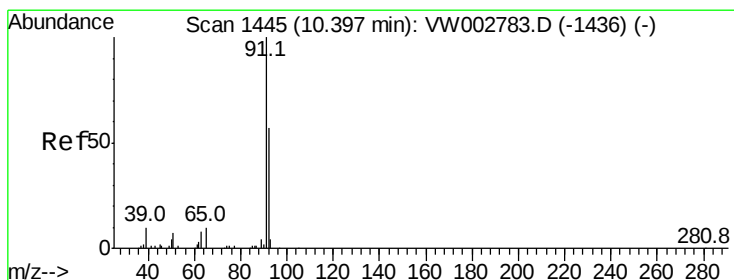
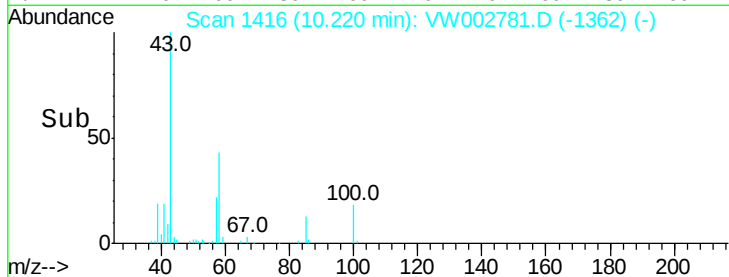
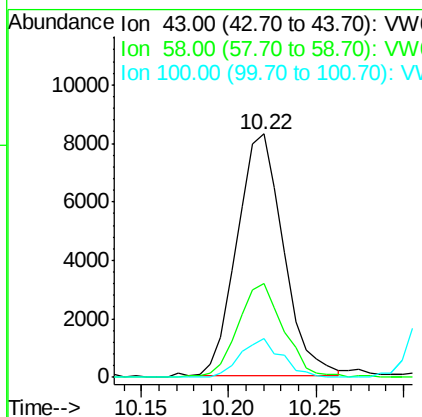
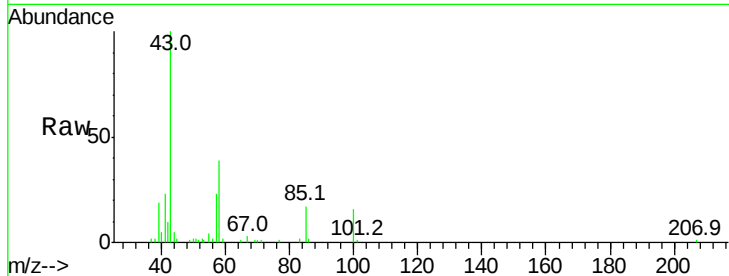
77 31.1 22.1 41.1





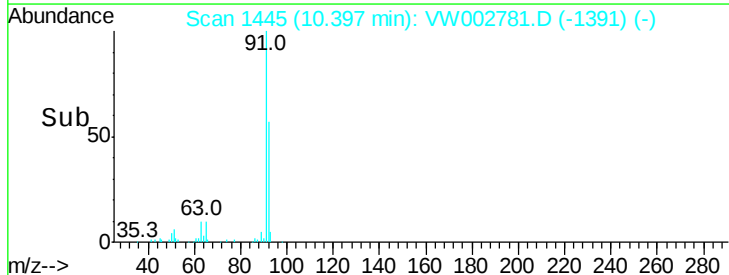
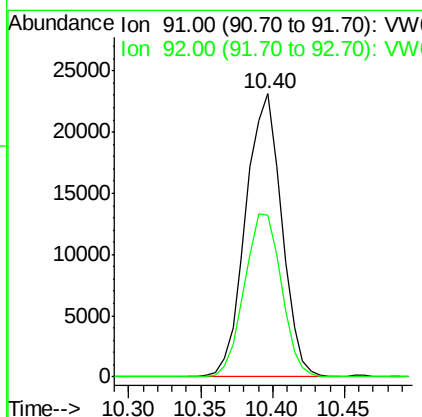
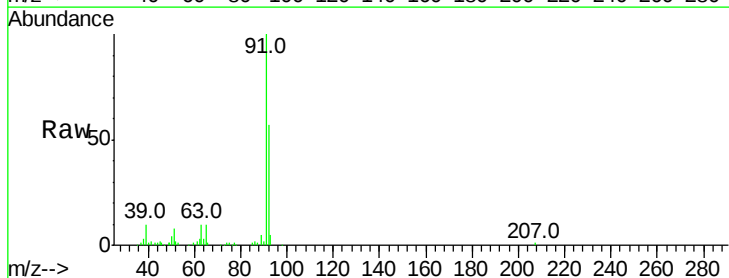
#43
 4-Methyl-2-pentanone
 Concen: 4.08 ug/L
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

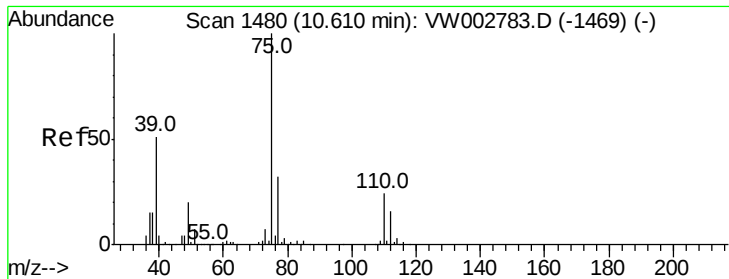
Tgt Ion: 43 Resp: 15258
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.3 45.5
 100 14.1 11.4 17.2



#44
 Toluene
 Concen: 2.17 ug/L
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion: 91 Resp: 40038
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.0 74.4





#45

trans-1,3-Dichloropropene

Concen: 2.03 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002781.D

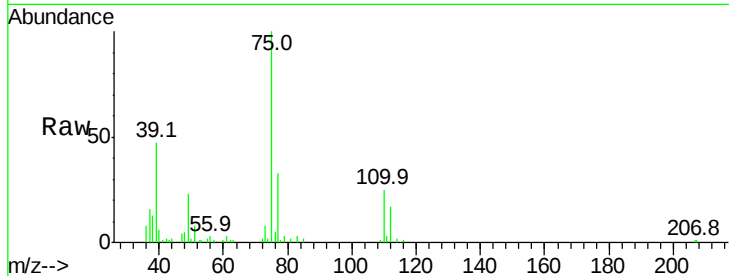
Acq: 22 May 2018 09:49

Tgt Ion: 75 Resp: 12483

Ion Ratio Lower Upper

75 100

77 33.0 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.61

8000

6000

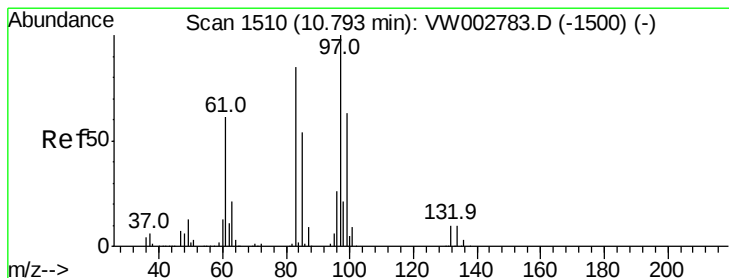
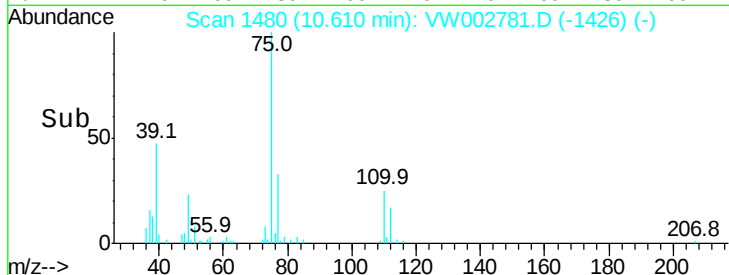
4000

2000

0

10.55 10.60 10.65

Time-->



#46

1,1,2-Trichloroethane

Concen: 2.21 ug/L

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

Tgt Ion: 97 Resp: 8110

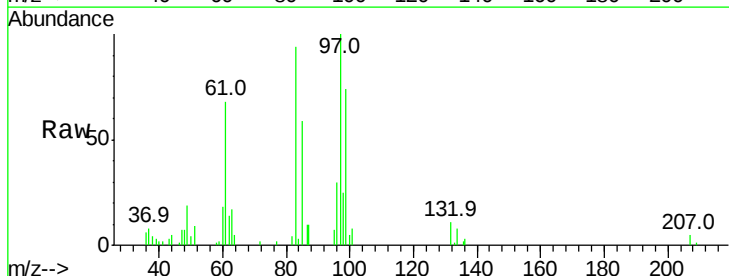
Ion Ratio Lower Upper

97 100

83 94.1 59.5 110.5

85 59.1 37.7 69.9

99 74.2 44.1 81.9



Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW

6000

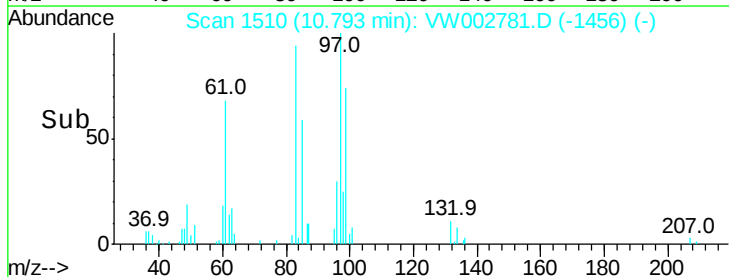
4000

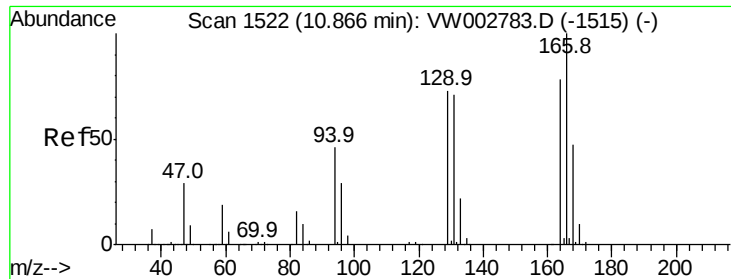
2000

0

10.75 10.80 10.85

Time-->

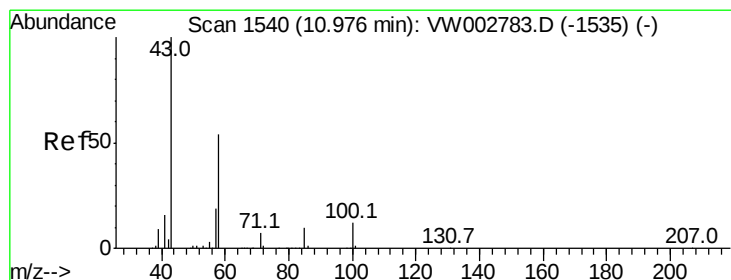
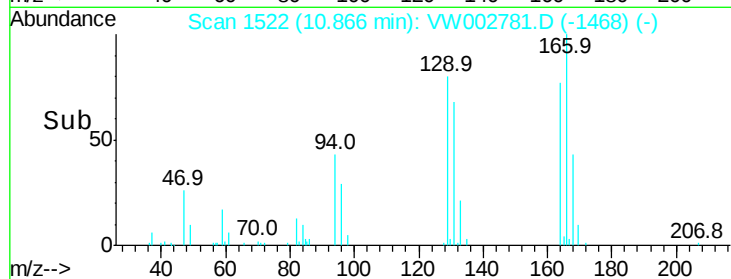
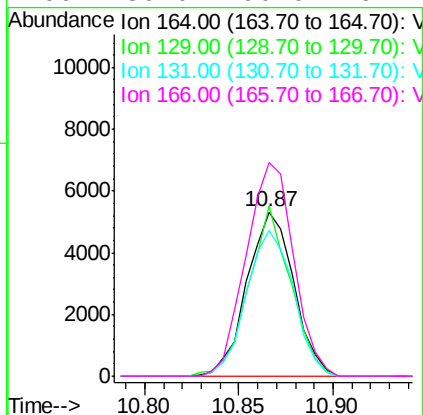
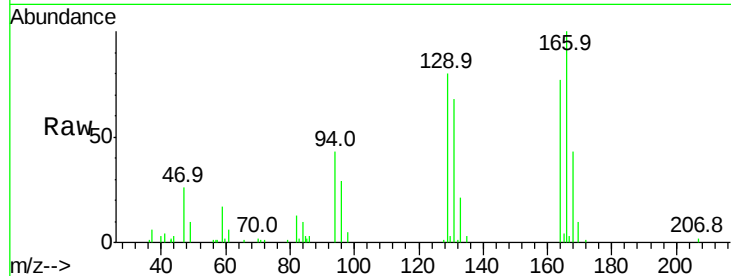




#47
Tetrachloroethene
Concen: 2.34 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

Tgt Ion: 164 Resp: 9163

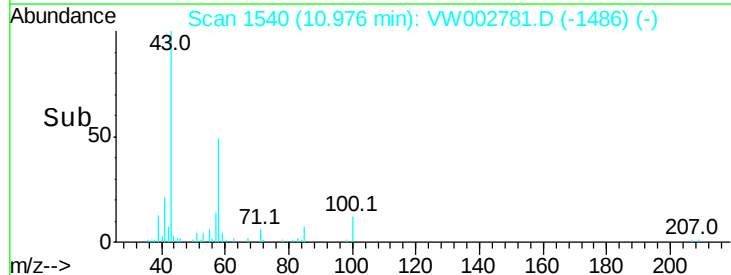
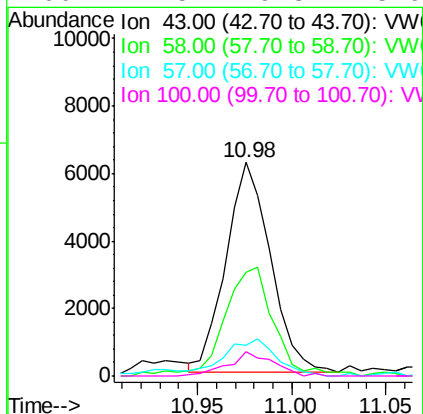
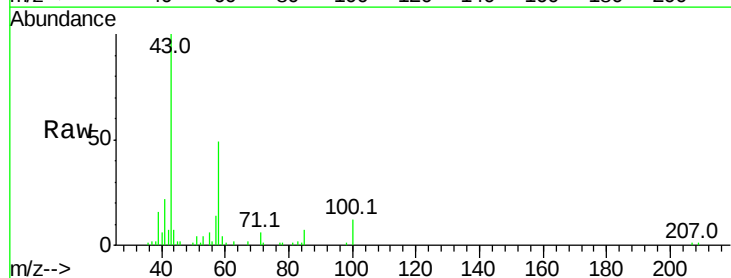
Ion	Ratio	Lower	Upper
164	100		
129	103.6	65.9	122.3
131	88.6	63.5	117.9
166	130.0	90.0	167.2

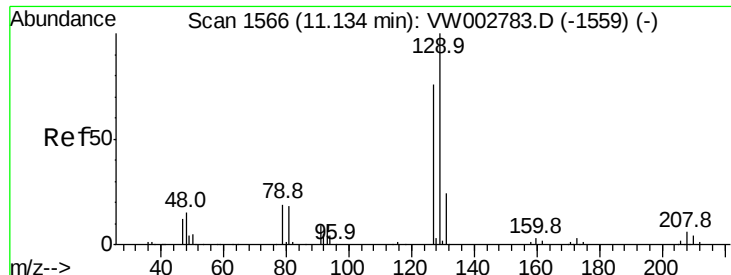


#49
2-Hexanone
Concen: 3.67 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

Tgt Ion: 43 Resp: 10172

Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.2	61.8
57	20.7	14.8	22.2
100	11.5	9.3	13.9





#50

Dibromochloromethane

Concen: 2.10 ug/L

RT: 11.13 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VW002781.D

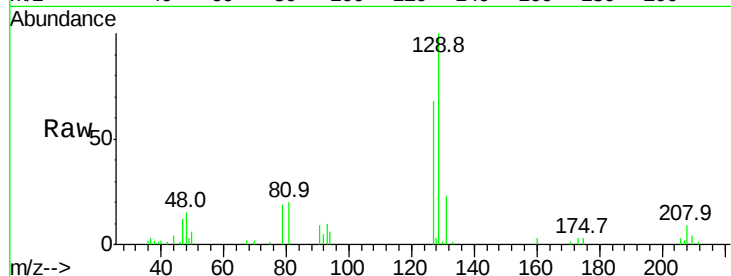
Acq: 22 May 2018 09:49

Tgt Ion:129 Resp: 9281

Ion Ratio Lower Upper

129 100

127 68.0 53.0 98.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

11.13

6000

5000

4000

3000

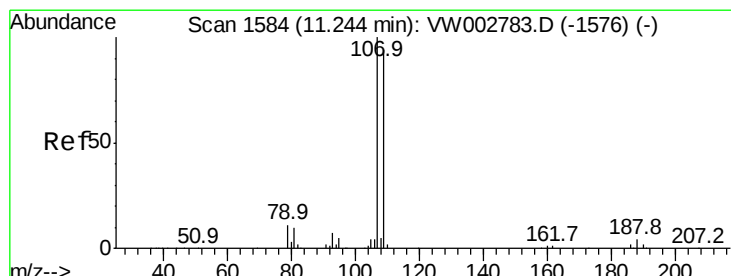
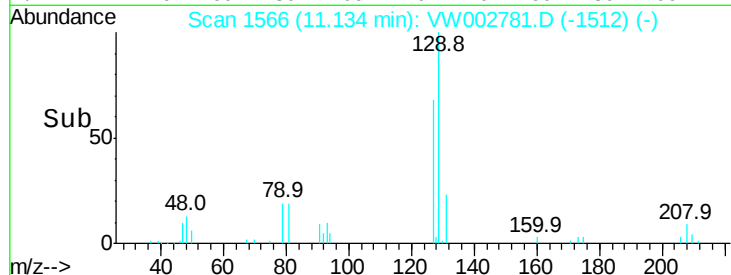
2000

1000

0

Time-->

11.10 11.15 11.20



#51

1,2-Dibromoethane

Concen: 2.24 ug/L

RT: 11.24 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

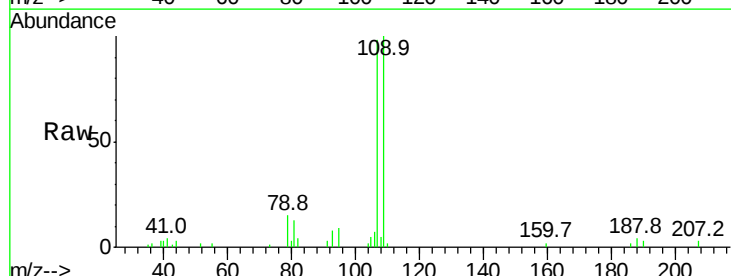
Tgt Ion:107 Resp: 8022

Ion Ratio Lower Upper

107 100

109 101.7 65.6 121.8

188 3.8 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

11.24

6000

5000

4000

3000

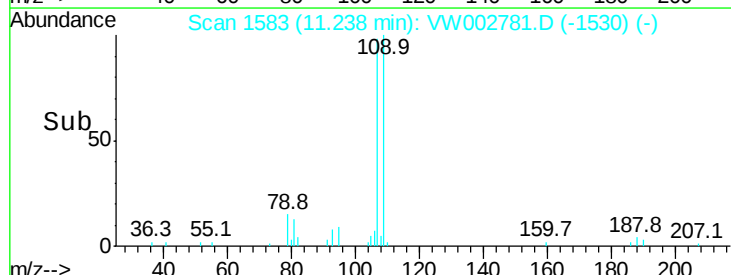
2000

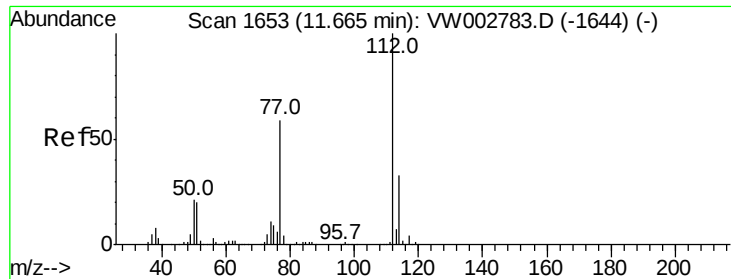
1000

0

Time-->

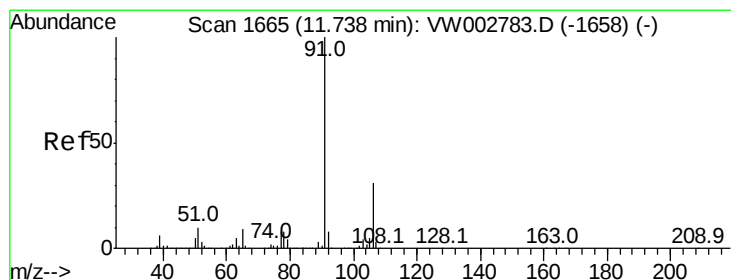
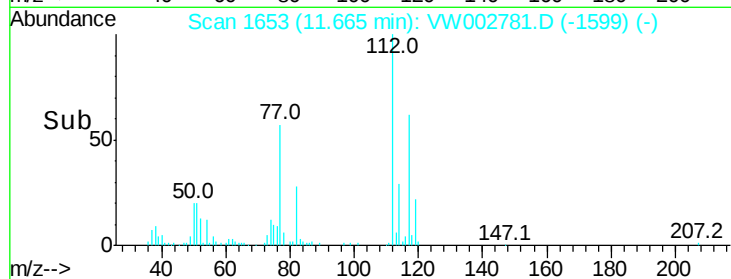
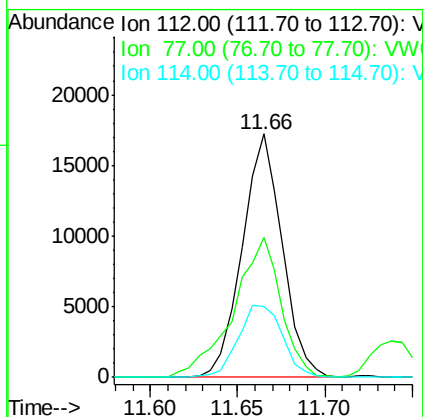
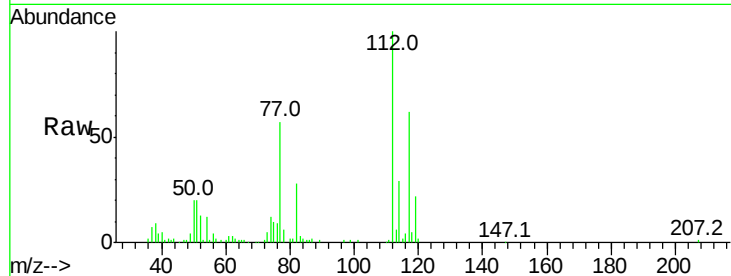
11.20 11.25 11.30





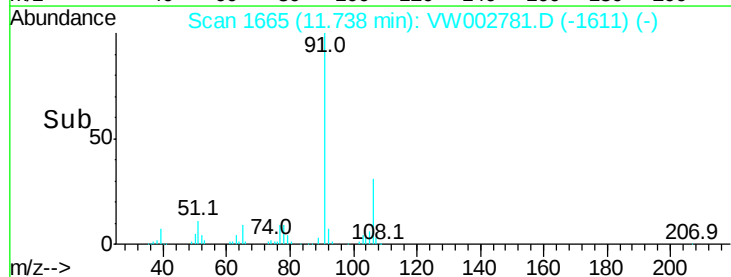
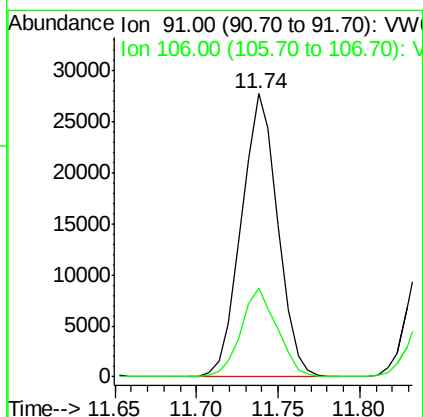
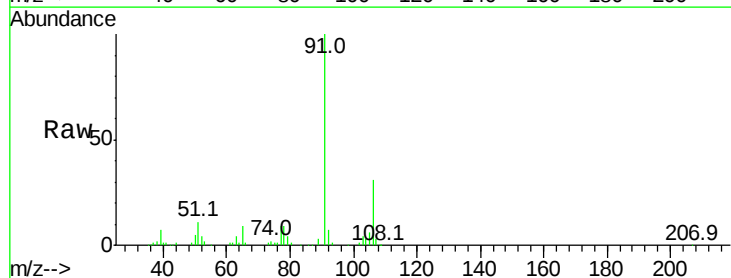
#52
Chlorobenzene
Concen: 2.23 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

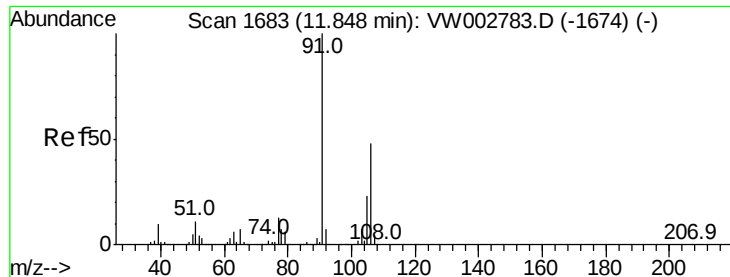
Tgt Ion: 112 Resp: 27510
Ion Ratio Lower Upper
112 100
77 57.4 47.0 70.4
114 29.2 23.2 43.0



#53
Ethylbenzene
Concen: 2.05 ug/L
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002781.D
Acq: 22 May 2018 09:49

Tgt Ion: 91 Resp: 43217
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6





#54

m,p-Xylene

Concen: 2.01 ug/L

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW002781.D

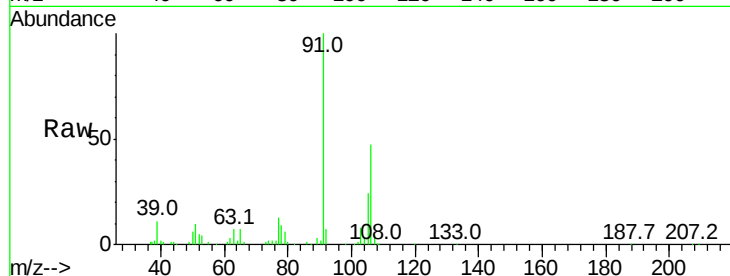
Acq: 22 May 2018 09:49

Tgt Ion:106 Resp: 16024

Ion Ratio Lower Upper

106 100

91 212.8 144.5 268.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

20000

15000

10000

5000

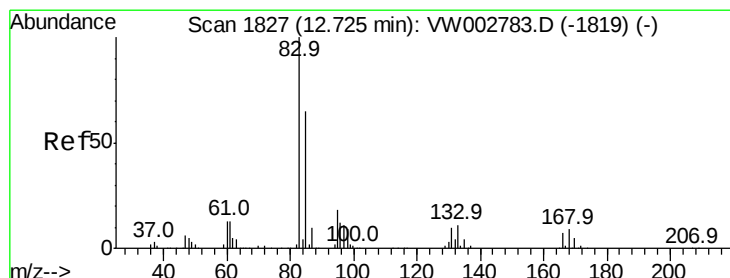
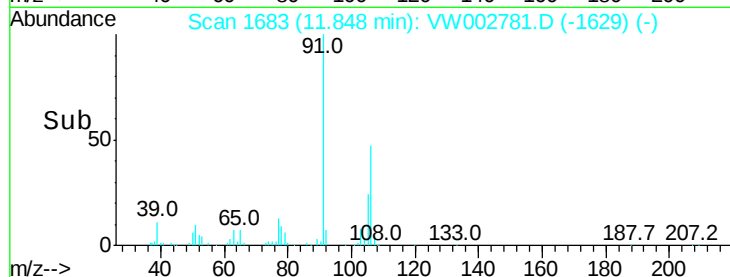
0

11.85

11.80

11.90

Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 2.27 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

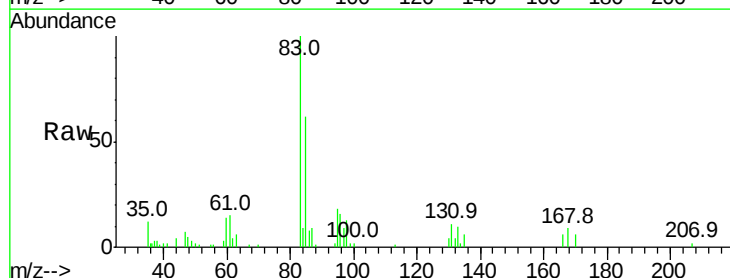
Tgt Ion: 83 Resp: 11446

Ion Ratio Lower Upper

83 100

85 61.6 45.9 85.3

131 10.6 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

8000

6000

4000

2000

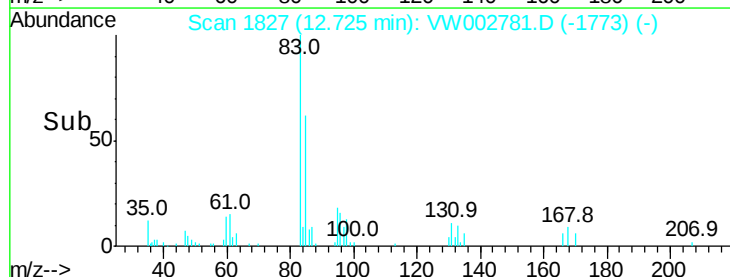
0

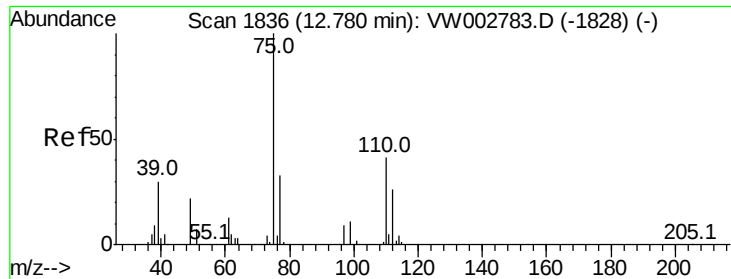
12.73

12.70

12.75

Time-->





#59

1,2,3-Trichloropropane

Concen: 2.17 ug/L

RT: 12.77 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VW002781.D

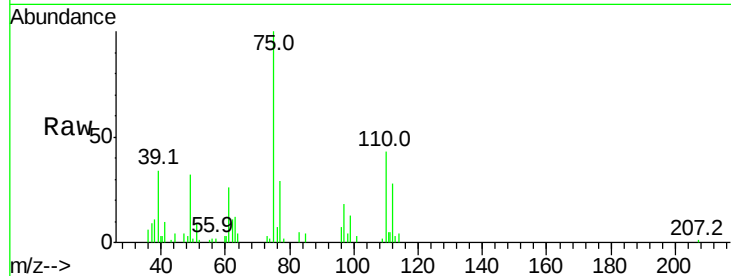
Acq: 22 May 2018 09:49

Tgt Ion: 75 Resp: 8279

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

5000

4000

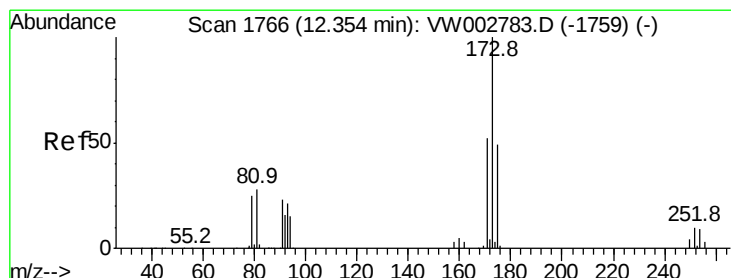
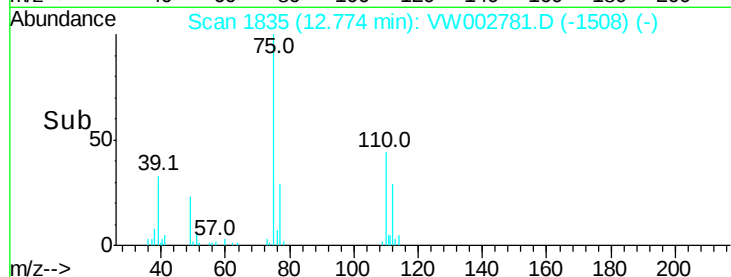
3000

2000

1000

0

Time--> 12.70 12.75 12.80



#62

Bromoform

Concen: 2.11 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

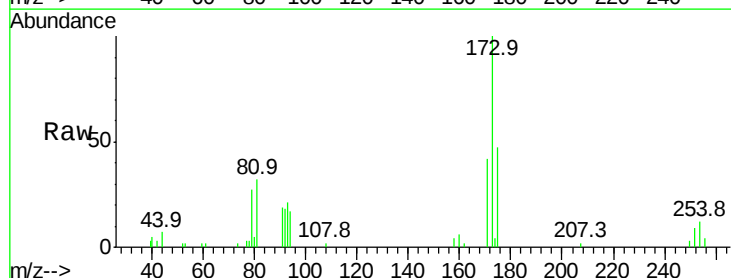
Tgt Ion: 173 Resp: 5811

Ion Ratio Lower Upper

173 100

175 49.8 38.7 58.1

254 6.3 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

4000

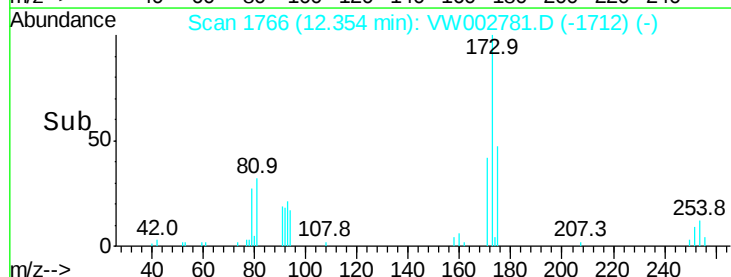
3000

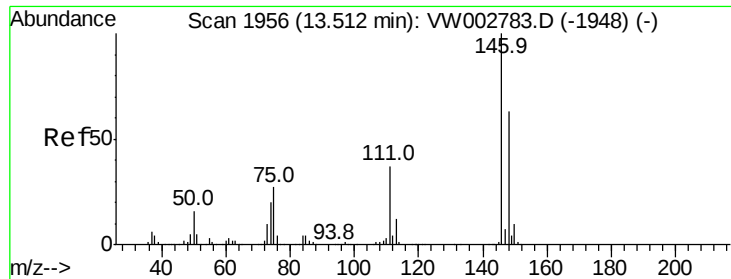
2000

1000

0

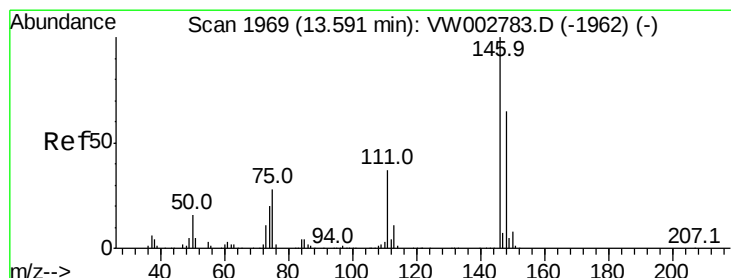
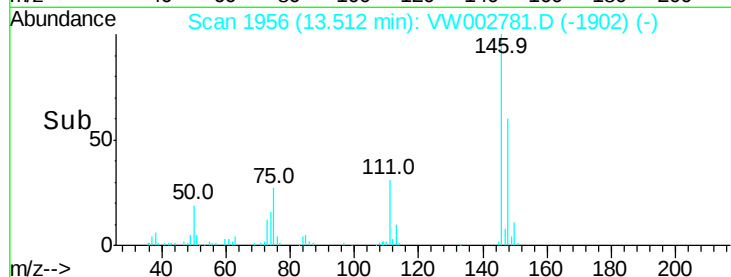
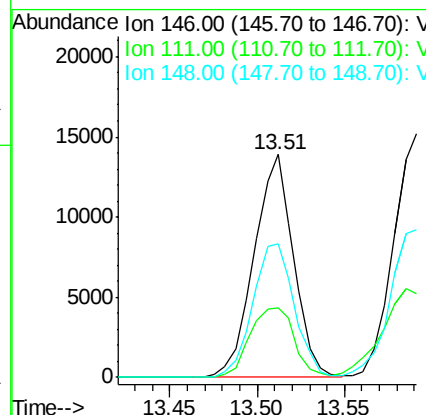
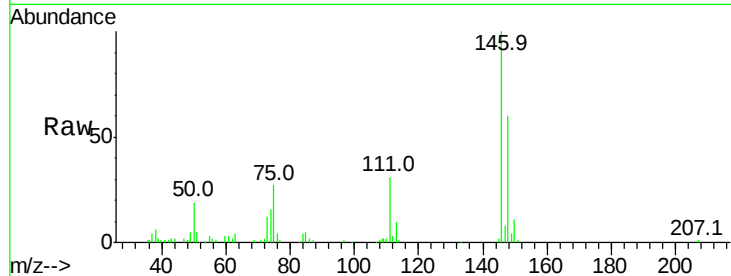
Time--> 12.30 12.35 12.40





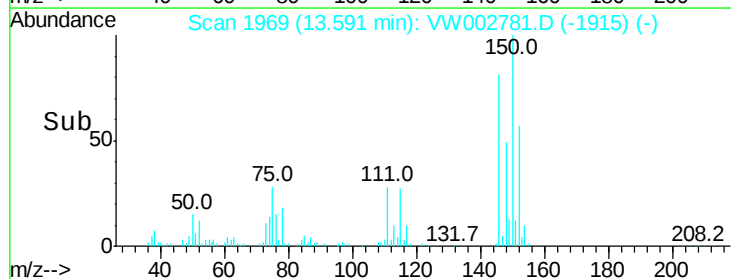
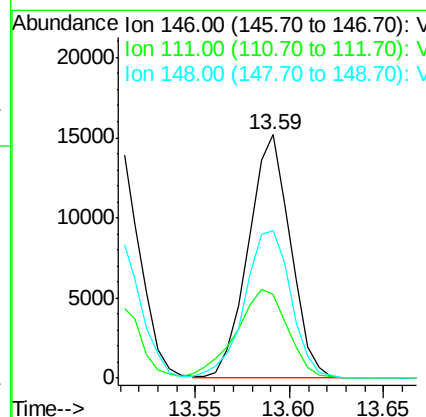
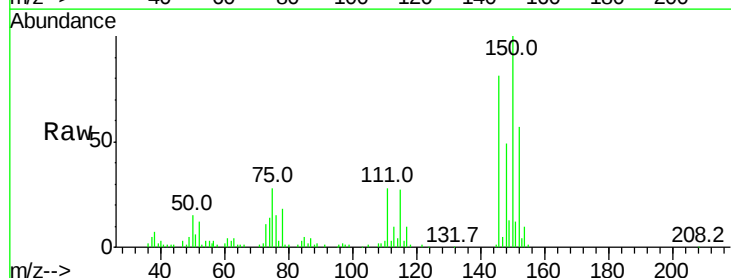
#63
 1,3-Dichlorobenzene
 Concen: 2.22 ug/L
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

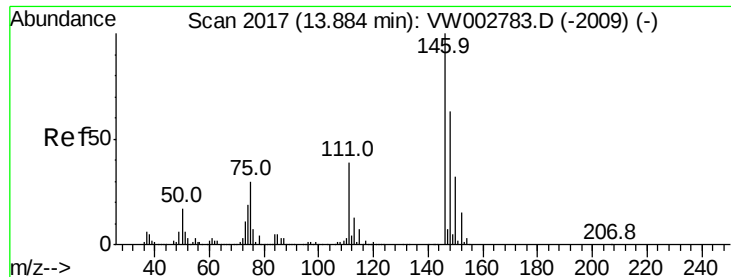
Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.4	26.0	48.4
148	59.9	44.1	81.9



#64
 1,4-Dichlorobenzene
 Concen: 2.30 ug/L
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.2	26.0	48.4
148	60.5	45.5	84.5





#65

1,2-Dichlorobenzene

Concen: 2.24 ug/L

RT: 13.88 min Scan# 2017

Delta R.T. 0.00 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

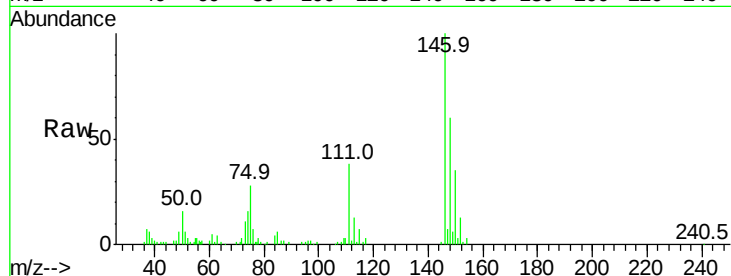
Tgt Ion:146 Resp: 21088

Ion Ratio Lower Upper

146 100

111 38.1 31.0 46.4

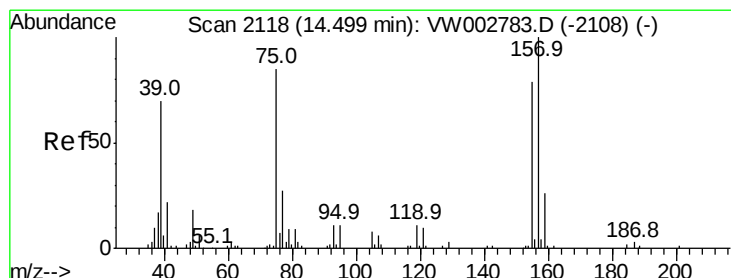
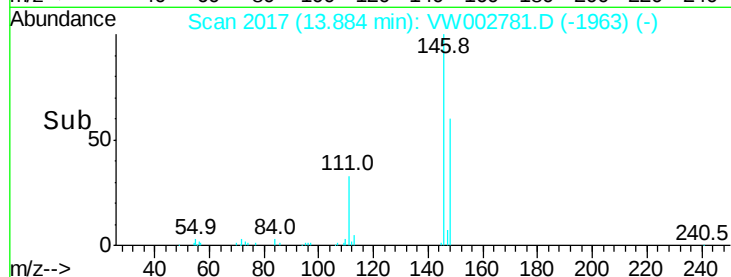
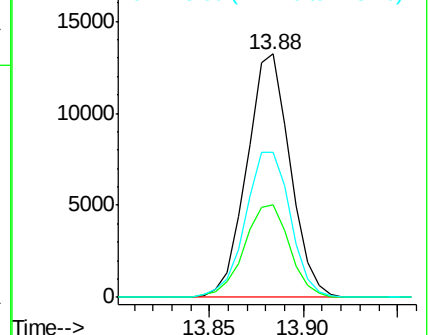
148 59.6 50.7 76.1



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: 2.39 ug/L

RT: 14.49 min Scan# 2117

Delta R.T. -0.01 min

Lab File: VW002781.D

Acq: 22 May 2018 09:49

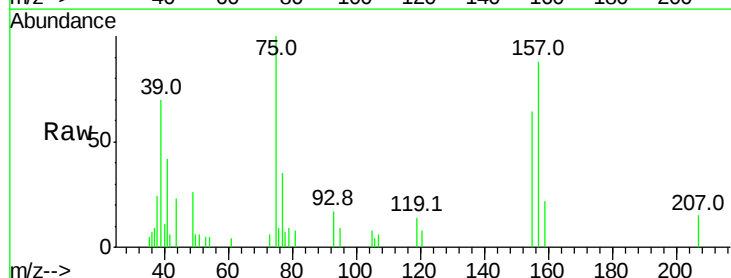
Tgt Ion: 75 Resp: 2065

Ion Ratio Lower Upper

75 100

157 88.3 93.8 140.6#

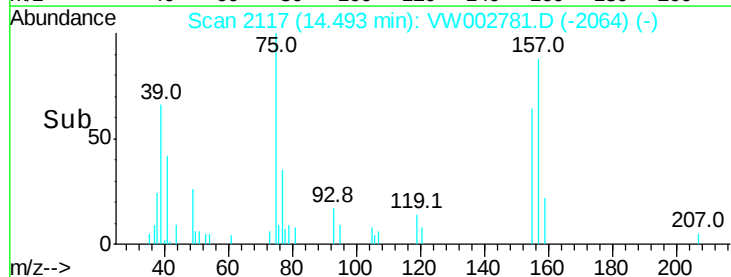
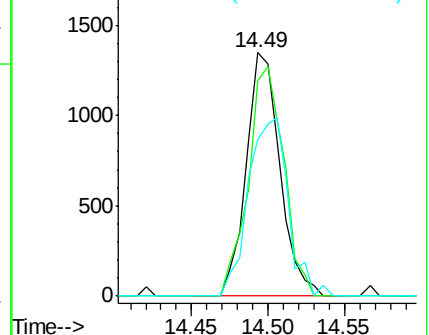
155 64.4 74.3 111.5#

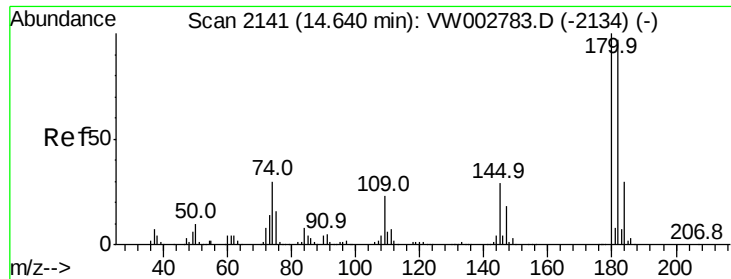


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

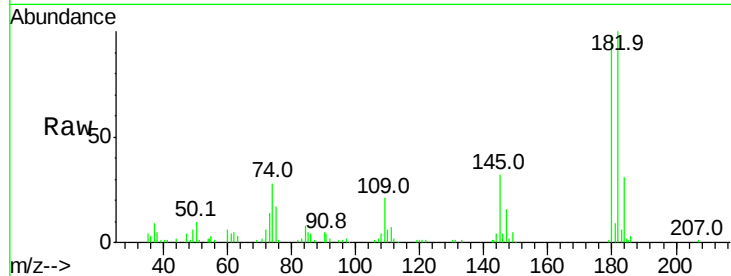
Ion 155.00 (154.70 to 155.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 2.23 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion:	180	Resp:	17824
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.3	112.9
184	30.8	24.2	36.4
145	30.3	22.6	33.8

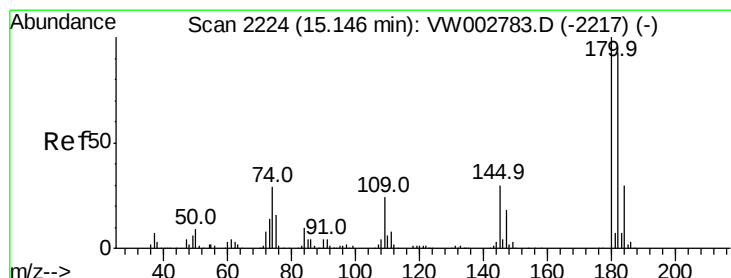
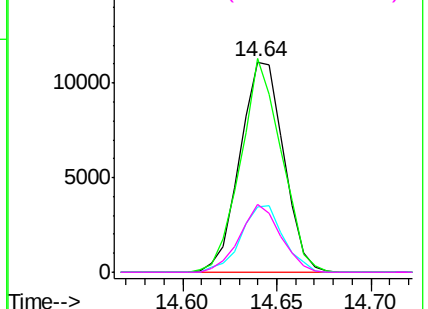
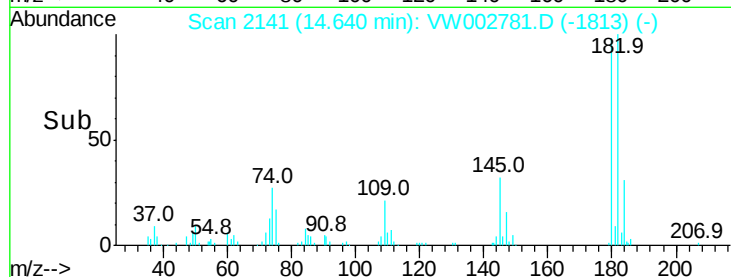


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

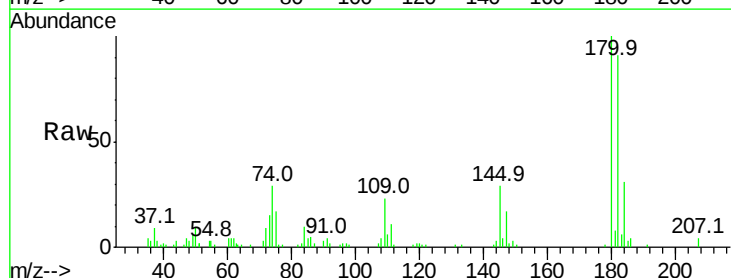
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 2.17 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

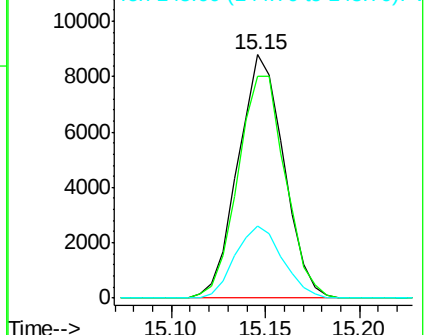
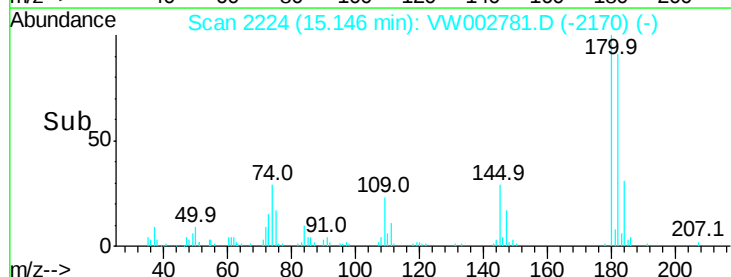
Tgt Ion:	180	Resp:	14810
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.3	112.9
145	30.5	22.8	34.2

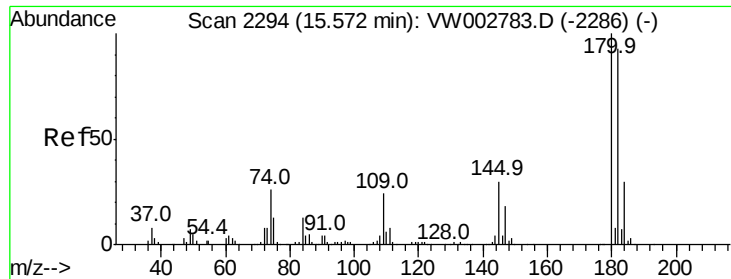


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

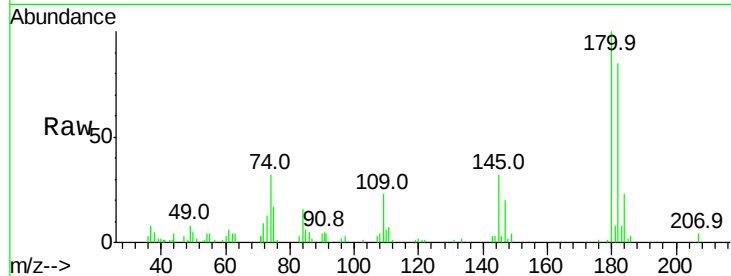
Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.12 ug/L
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: VW002781.D
 Acq: 22 May 2018 09:49

Tgt Ion:	180	Resp:	13379
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	32.1	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

