

Data File : VW002785.D
Acq On : 22 May 2018 11:33
Operator : JC/SY
Sample : VSTD10085
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:57:17 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 11:01:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	308021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	289492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155737	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	410196	87.62	ug/L	0.00
7) Chloroethane-d5	2.88	69	401006	95.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	726377	91.84	ug/L	0.00
20) 2-Butanone-d5	7.08	46	421393	269.98	ug/L	0.00
24) Chloroform-d	7.65	84	761155	93.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	456026	94.60	ug/L	0.00
29) Benzene-d6	8.28	84	1423269	88.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	453735	91.41	ug/L	0.00
37) Toluene-d8	10.33	98	1443805	92.09	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	233588	99.04	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	349229	280.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	549692	110.86	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	585739	94.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	240219	125.15	ug/L	100
3) Chloromethane	2.21	50	349539	119.29	ug/L	100
5) Vinyl chloride	2.36	62	589734	118.76	ug/L	99
6) Bromomethane	2.76	94	449697	128.59	ug/L	99
8) Chloroethane	2.92	64	417743	127.09	ug/L	98
9) Trichlorofluoromethane	3.24	101	268533	92.45	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	415007	107.91	ug/L	# 68
12) 1,1-Dichloroethene	4.03	96	407341	115.26	ug/L	90
13) Acetone	4.12	43	363084	237.66	ug/L	99
14) Carbon disulfide	4.37	76	1264254	134.56	ug/L	99
15) Methyl Acetate	4.67	43	333948	142.04	ug/L	99
16) Methylene chloride	4.90	84	395096	101.40	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	779713	115.15	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	425882	116.38	ug/L	98
19) 1,1-Dichloroethane	6.21	63	746417	111.21	ug/L	99
21) 2-Butanone	7.18	43	512875	285.41	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	470485	113.16	ug/L	98
23) Bromochloromethane	7.51	128	219939	111.89	ug/L	98
25) Chloroform	7.68	83	792349	109.10	ug/L	99
27) 1,2-Dichloroethane	8.40	62	586469	116.35	ug/L	99
30) Cyclohexane	7.95	56	734617	124.06	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	621213	105.58	ug/L	99
32) Carbon tetrachloride	8.07	117	644351	113.07	ug/L	99
34) Benzene	8.32	78	1741845	113.56	ug/L	100
35) Trichloroethene	9.10	95	474723	113.55	ug/L	99
36) Methylcyclohexane	9.34	83	838061	123.03	ug/L	100
40) 1,2-Dichloropropane	9.37	63	444813	109.06	ug/L	100
41) Bromodichloromethane	9.65	83	599198	112.33	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	734287	116.15	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	1002187	290.52	ug/L	99

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Response via : Initial Calibration

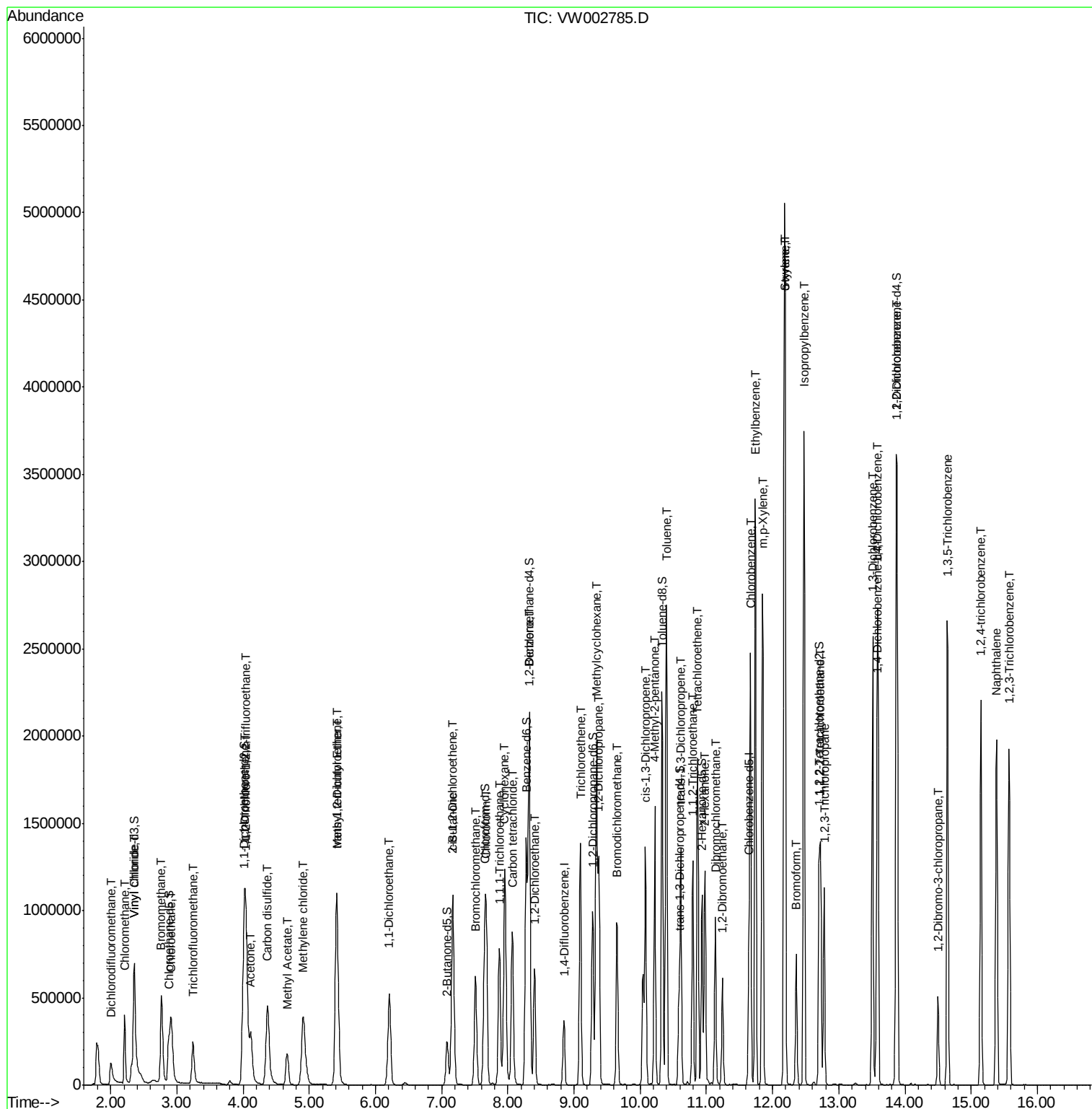
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	1955843	114.69	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	684638	120.35	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	380034	112.11	ug/L	98
47) Tetrachloroethene	10.87	164	413731	114.59	ug/L	99
49) 2-Hexanone	10.98	43	770876	301.36	ug/L	98
50) Dibromochloromethane	11.13	129	478062	117.06	ug/L	99
51) 1,2-Dibromoethane	11.24	107	399699	121.16	ug/L	99
52) Chlorobenzene	11.66	112	1268947	111.27	ug/L	98
53) Ethylbenzene	11.74	91	2274662	116.79	ug/L	99
54) m,p-Xylene	11.85	106	863585	117.09	ug/L	98
55) o-xylene	12.18	106	848479	118.11	ug/L	99
56) Styrene	12.19	104	1513556	123.19	ug/L	98
57) Isopropylbenzene	12.48	105	2332592	117.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	568866	122.21	ug/L	100
59) 1,2,3-Trichloropropane	12.78	75	441976	125.30	ug/L	99
62) Bromoform	12.36	173	342815	128.38	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1047208	109.48	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	1066646	108.02	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	1001190	110.01	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.50	75	117668	140.80	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	817300	105.67	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	703333	106.62	ug/L	99
69) Naphthalene	15.38	128	1657212	121.02	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	657909	107.65	ug/L	100

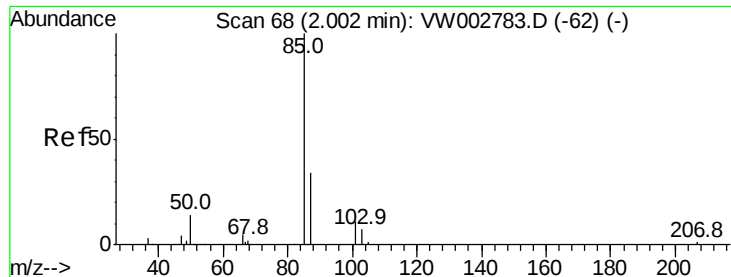
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 125.15 ug/L

RT: 2.00 min Scan# 68

Delta R.T. -0.01 min

Lab File: VW002785.D

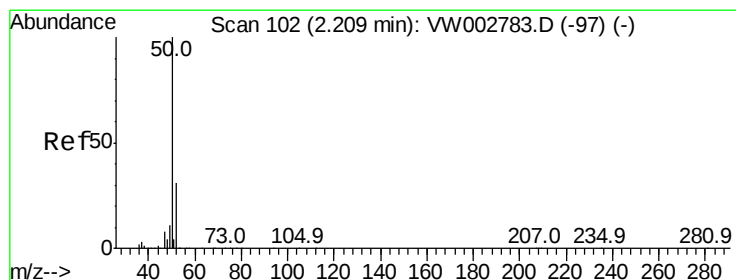
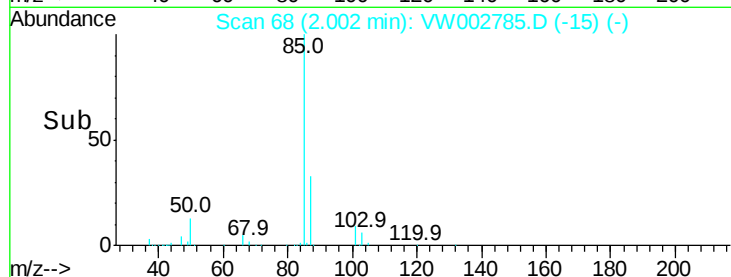
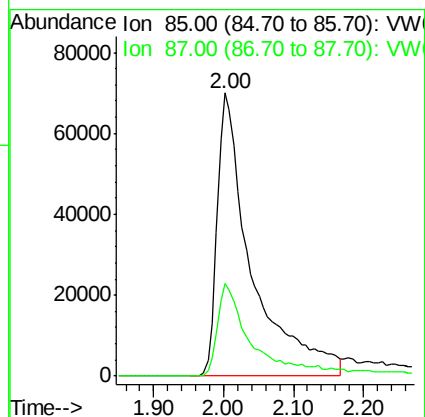
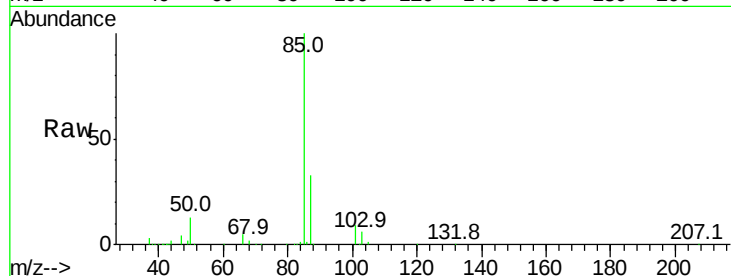
Acq: 22 May 2018 11:33

Tgt Ion: 85 Resp: 240219

Ion Ratio Lower Upper

85 100

87 29.1 20.3 37.7



#3

Chloromethane

Concen: 119.29 ug/L

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002785.D

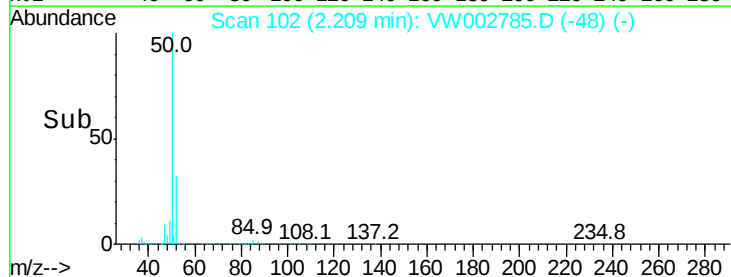
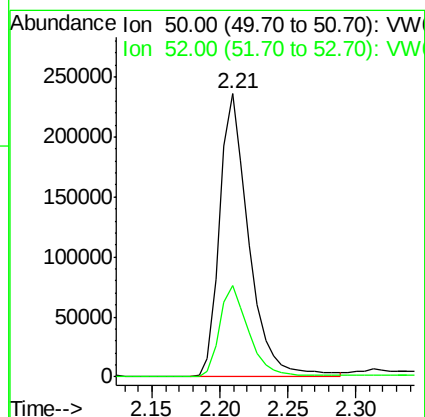
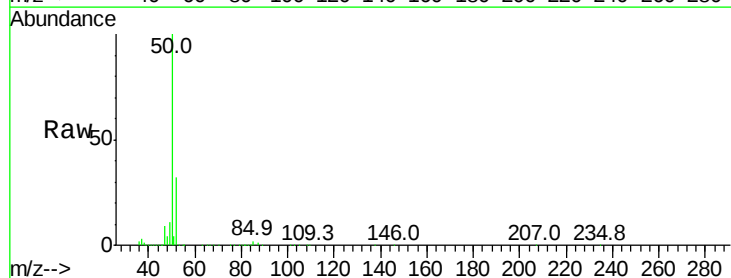
Acq: 22 May 2018 11:33

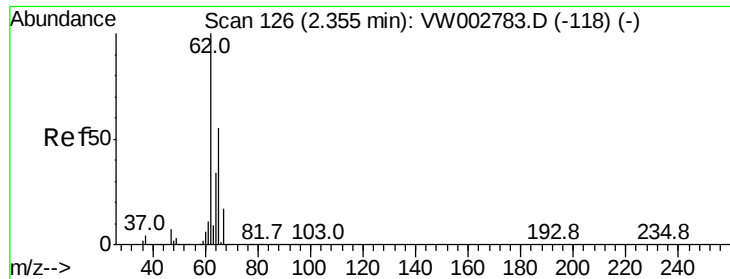
Tgt Ion: 50 Resp: 349539

Ion Ratio Lower Upper

50 100

52 32.2 22.5 41.7





#5

Vinyl chloride

Concen: 118.76 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW002785.D

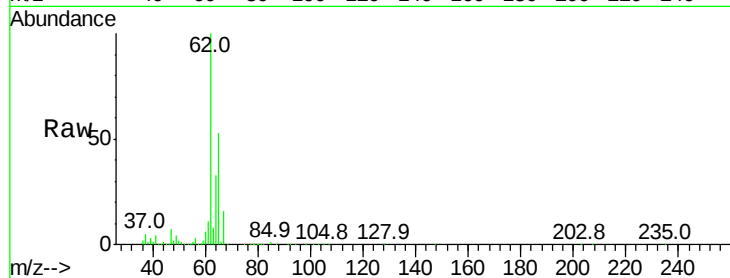
Acq: 22 May 2018 11:33

Tgt Ion: 62 Resp: 589734

Ion Ratio Lower Upper

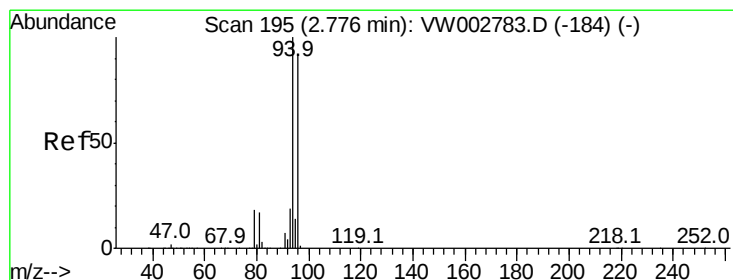
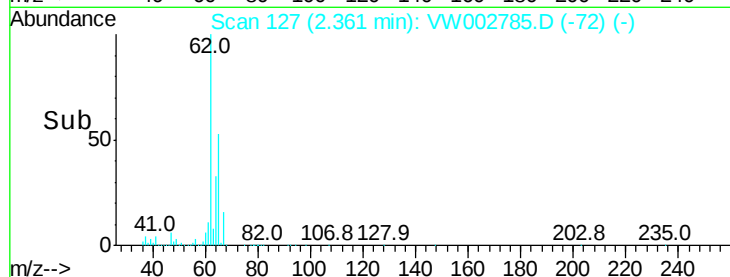
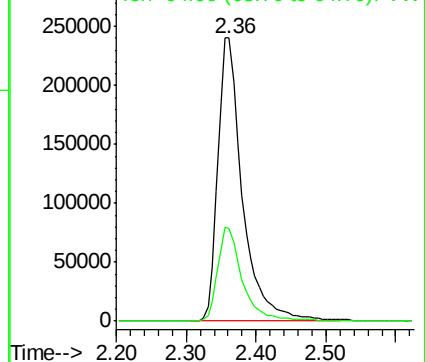
62 100

64 32.7 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 128.59 ug/L

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002785.D

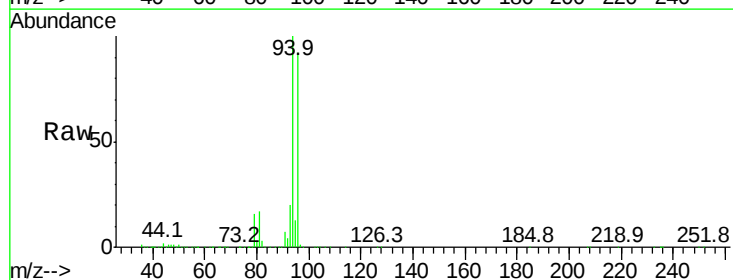
Acq: 22 May 2018 11:33

Tgt Ion: 94 Resp: 449697

Ion Ratio Lower Upper

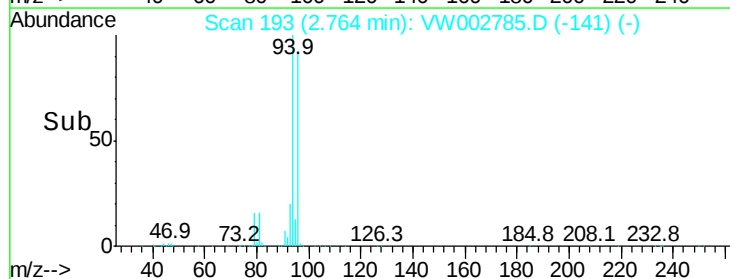
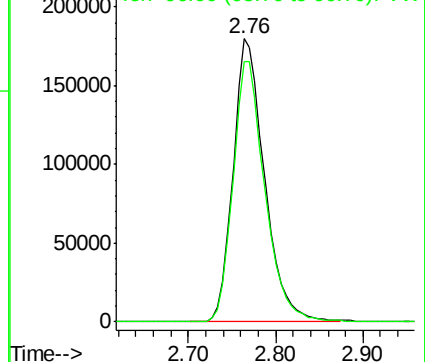
94 100

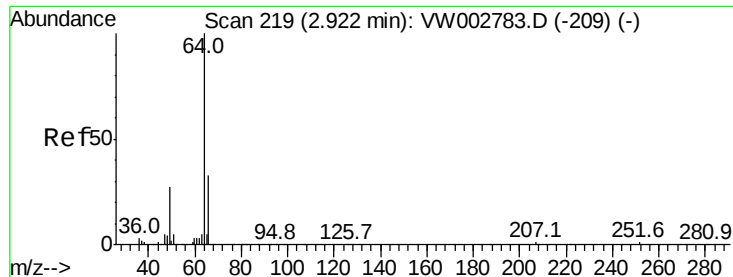
96 93.2 9.4 178.6



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 127.09 ug/L

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002785.D

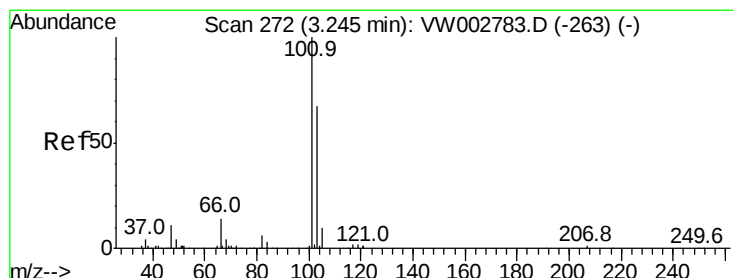
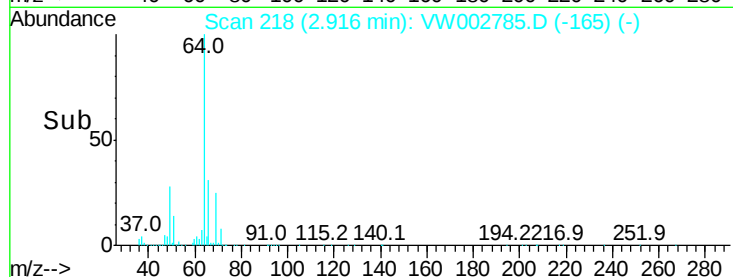
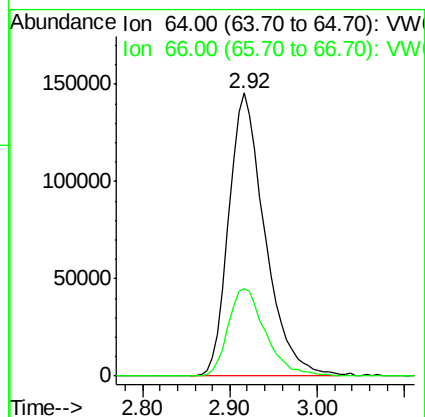
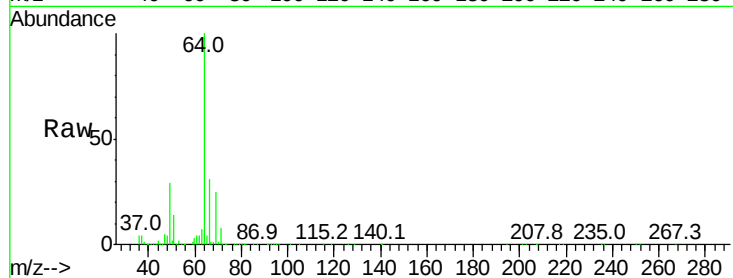
Acq: 22 May 2018 11:33

Tgt Ion: 64 Resp: 417743

Ion Ratio Lower Upper

64 100

66 31.1 22.7 42.1



#9

Trichlorofluoromethane

Concen: 92.45 ug/L

RT: 3.24 min Scan# 271

Delta R.T. -0.01 min

Lab File: VW002785.D

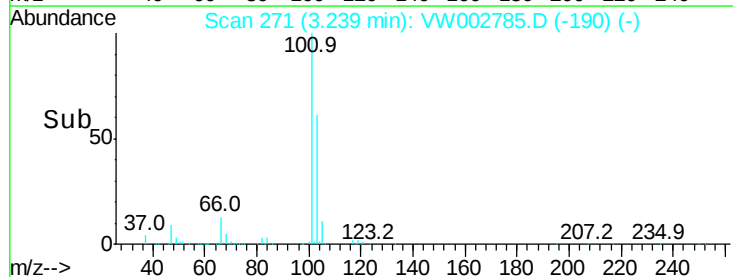
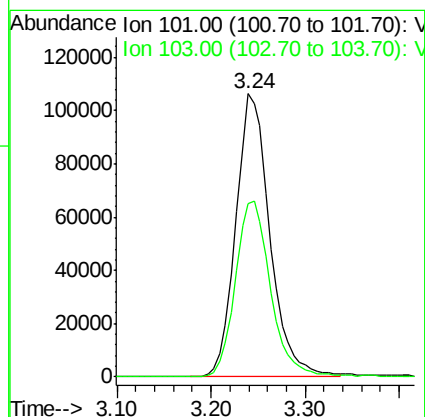
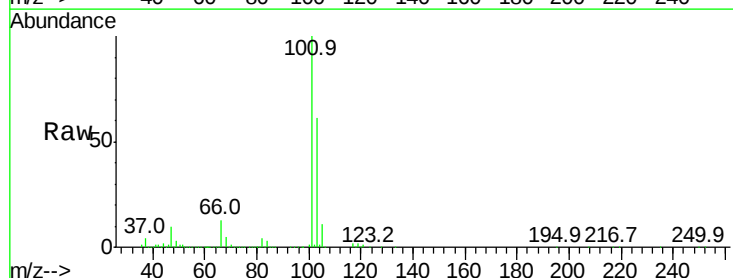
Acq: 22 May 2018 11:33

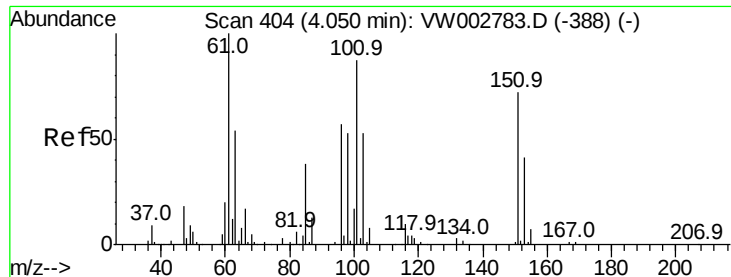
Tgt Ion: 101 Resp: 268533

Ion Ratio Lower Upper

101 100

103 64.2 45.4 84.4





#11

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

Concen: 107.91 ug/L

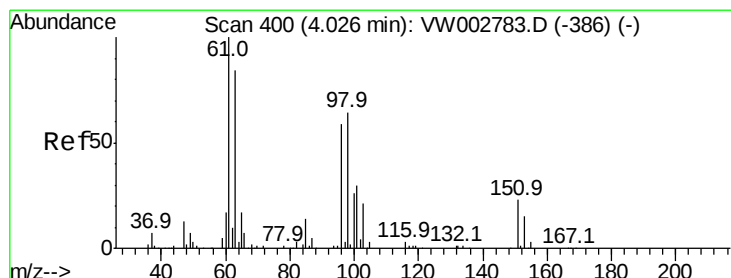
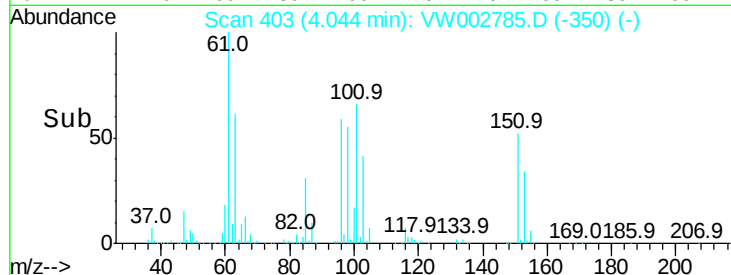
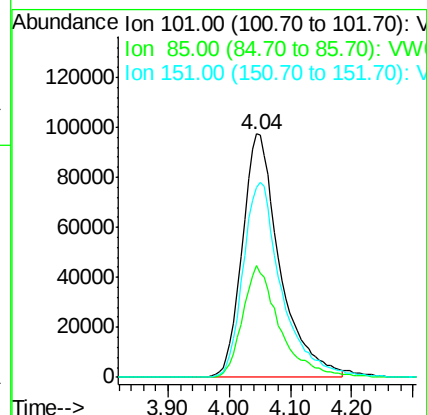
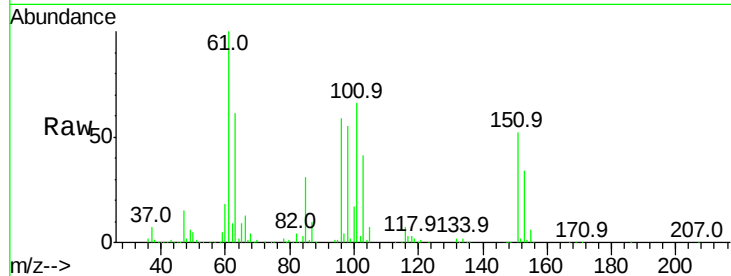
RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion:	101	Resp:	415007
Ion	Ratio	Lower	Upper
101	100		
85	45.1	34.8	52.2
151	82.0	34.2	51.4#



#12

1,1-Dichloroethene

Concen: 115.26 ug/L

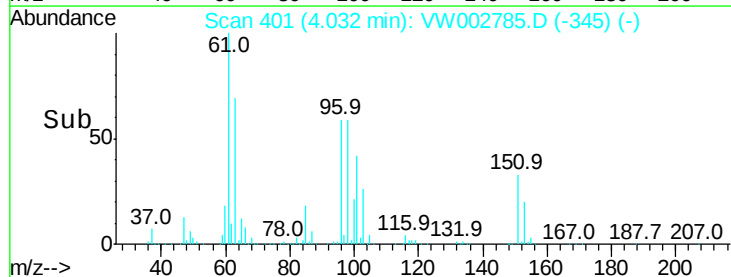
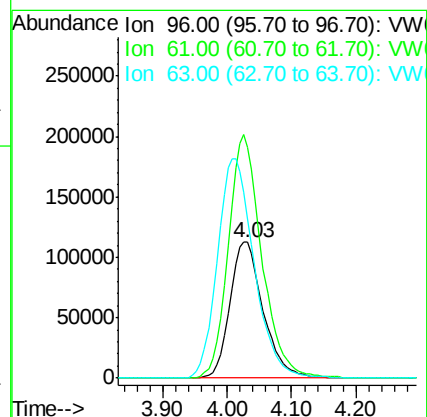
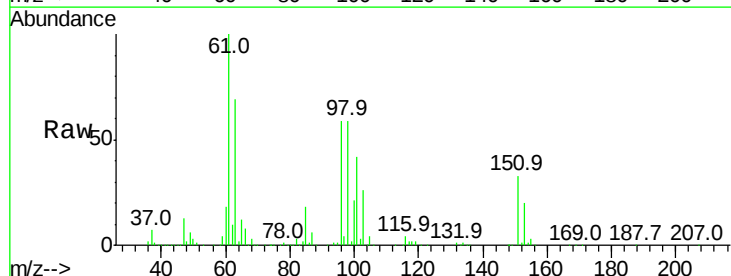
RT: 4.03 min Scan# 401

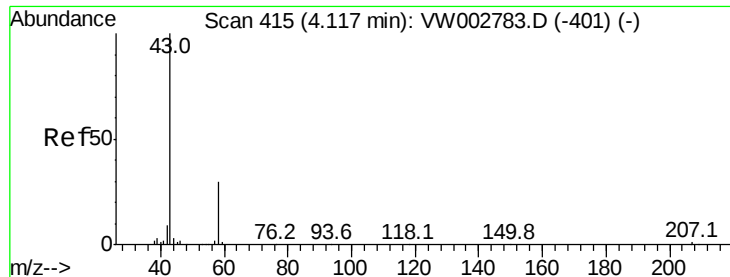
Delta R.T. 0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion:	96	Resp:	407341
Ion	Ratio	Lower	Upper
96	100		
61	169.7	118.9	220.9
63	117.4	100.4	186.4





#13

Acetone

Concen: 237.66 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002785.D

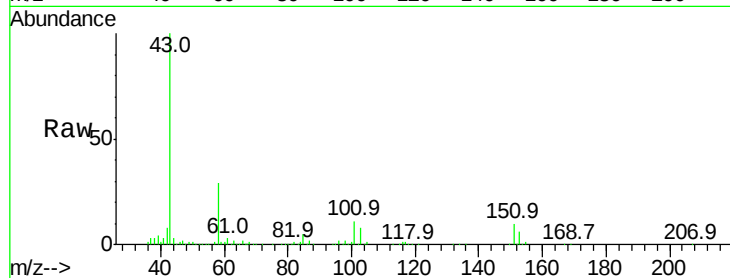
Acq: 22 May 2018 11:33

Tgt Ion: 43 Resp: 363084

Ion Ratio Lower Upper

43 100

58 29.3 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

150000

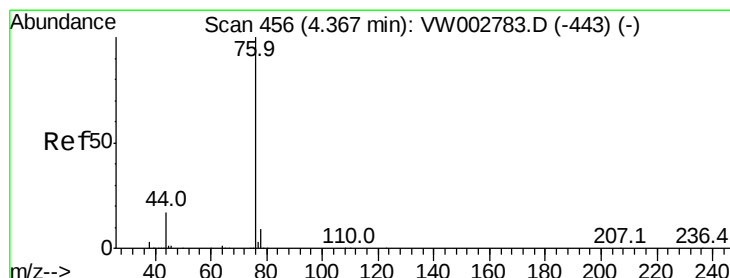
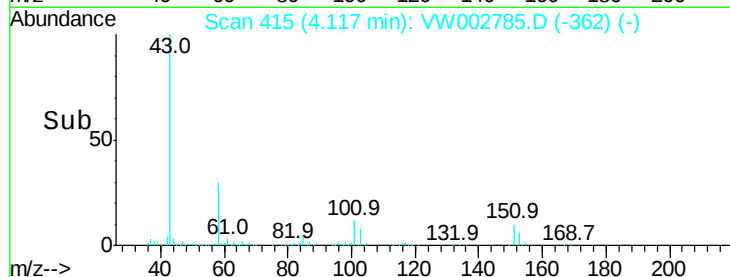
100000

50000

0

Time-->

4.00 4.10 4.20 4.30



#14

Carbon disulfide

Concen: 134.56 ug/L

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW002785.D

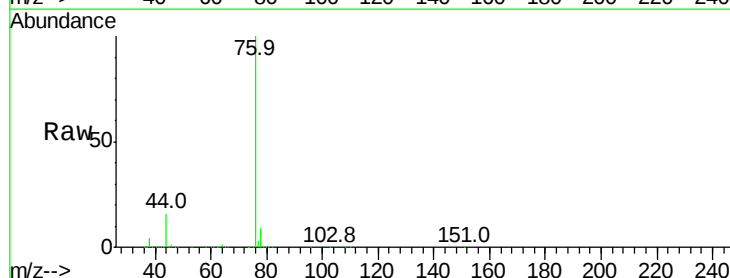
Acq: 22 May 2018 11:33

Tgt Ion: 76 Resp: 1264254

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.37

300000

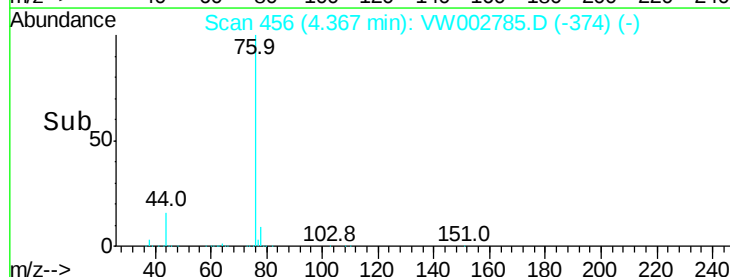
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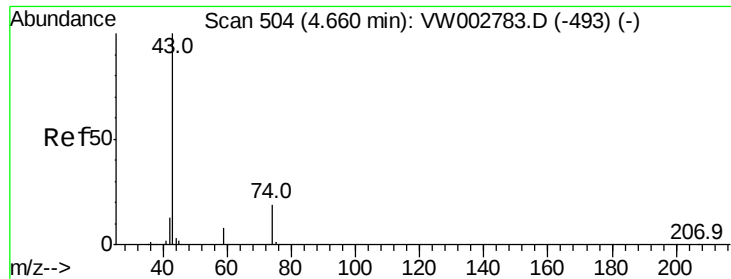
100000

0

Time-->

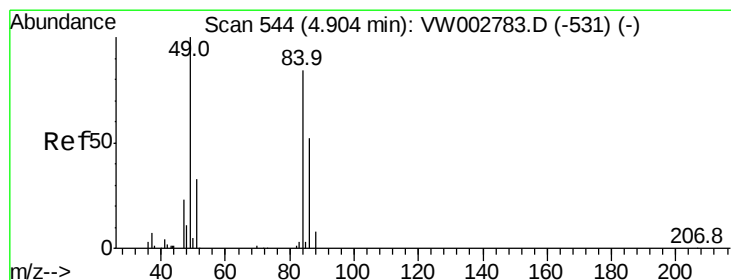
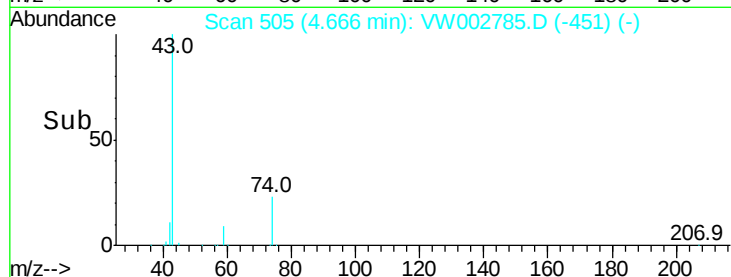
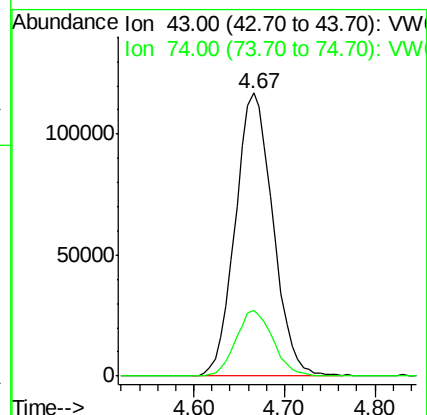
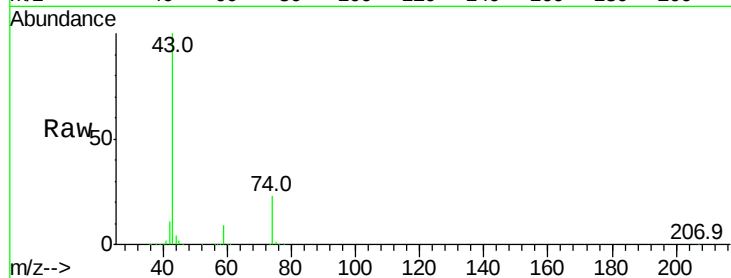
4.20 4.40 4.60





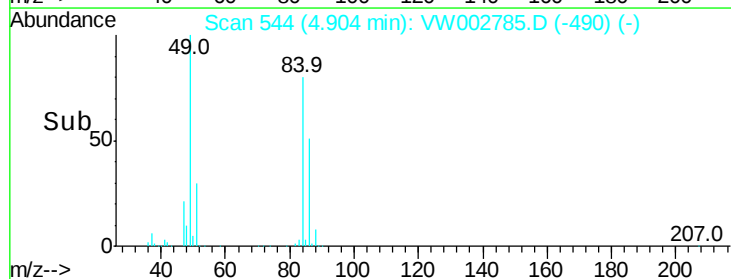
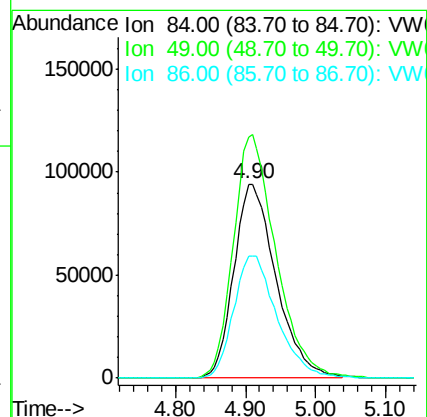
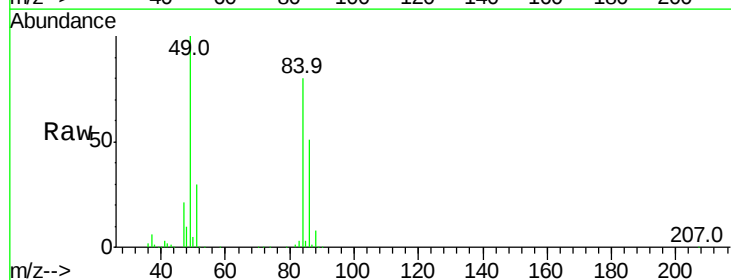
#15
Methyl Acetate
Concen: 142.04 ug/L
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

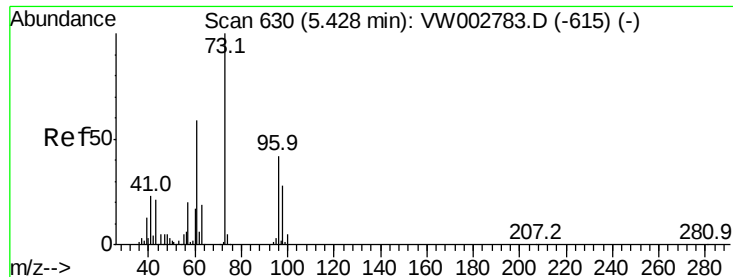
Tgt Ion: 43 Resp: 333948
Ion Ratio Lower Upper
43 100
74 23.2 18.8 28.2



#16
Methylene chloride
Concen: 101.40 ug/L
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

Tgt Ion: 84 Resp: 395096
Ion Ratio Lower Upper
84 100
49 124.4 89.2 165.6
86 63.2 46.3 86.1





#17

Methyl tert-butyl Ether

Concen: 115.15 ug/L

RT: 5.42 min Scan# 629

Delta R.T. -0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

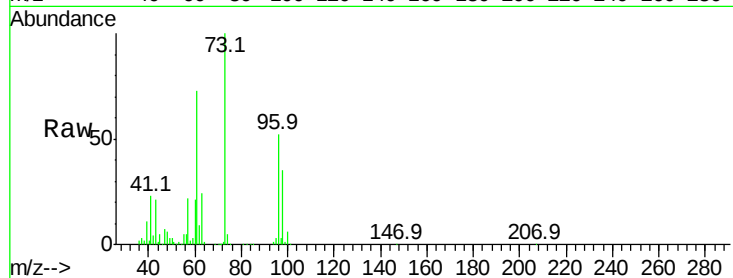
Tgt Ion: 73 Resp: 779713

Ion Ratio Lower Upper

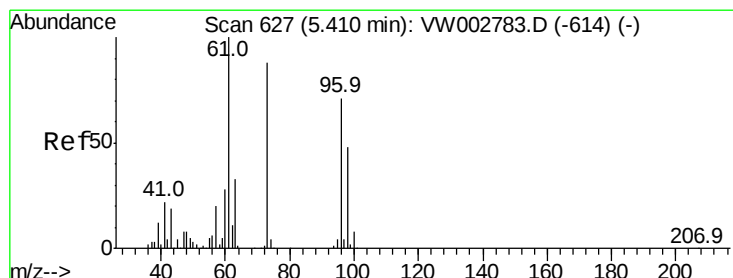
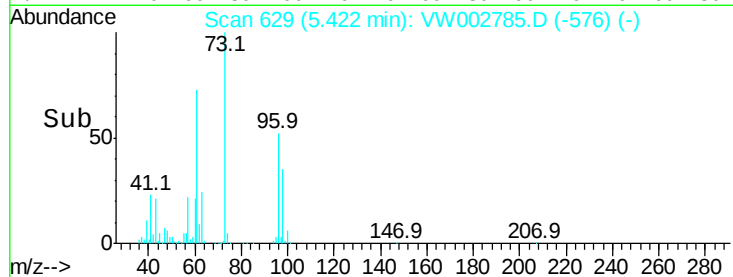
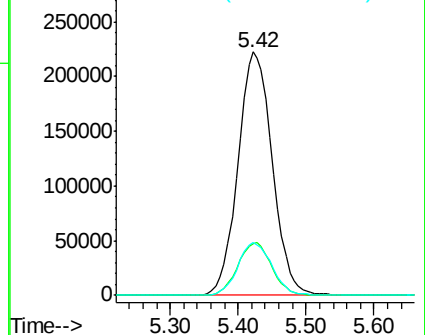
73 100

43 21.4 17.3 25.9

57 21.6 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW



#18

trans-1,2-Dichloroethene

Concen: 116.38 ug/L

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

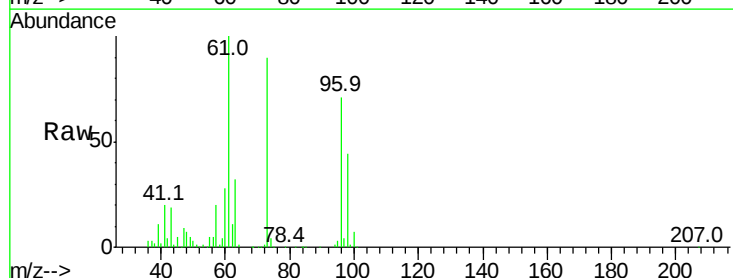
Tgt Ion: 96 Resp: 425882

Ion Ratio Lower Upper

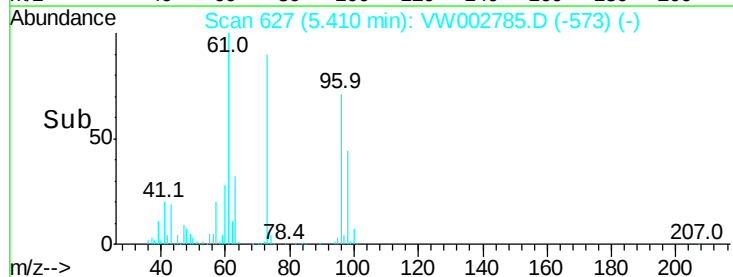
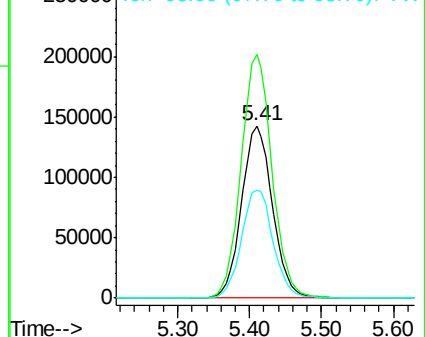
96 100

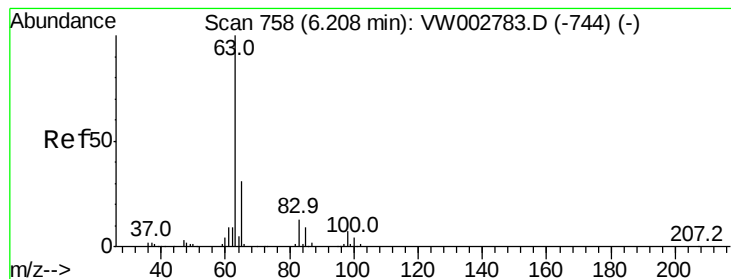
61 141.6 100.0 185.8

98 63.0 45.6 84.8



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





#19

1,1-Dichloroethane

Concen: 111.21 ug/L

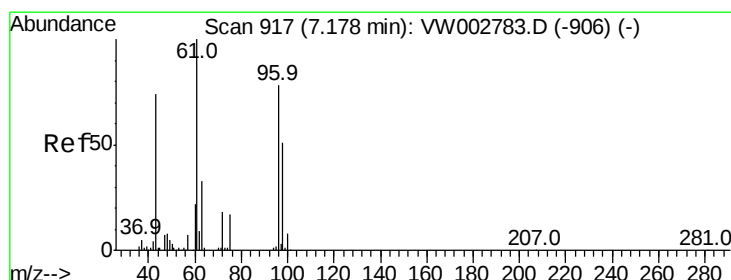
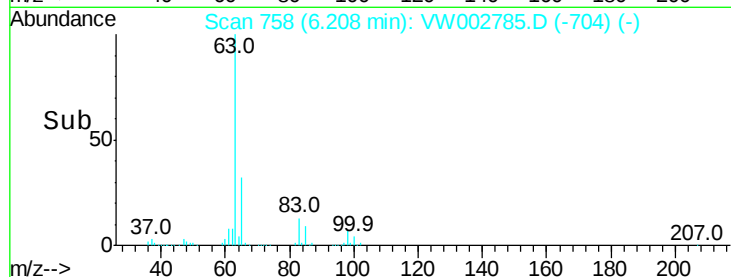
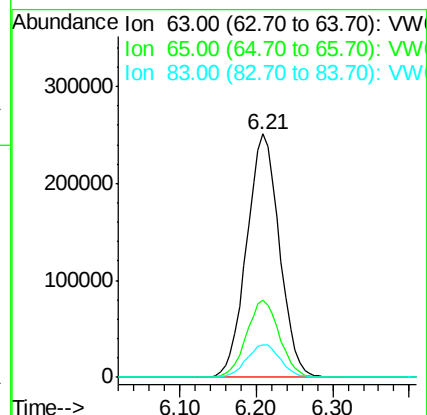
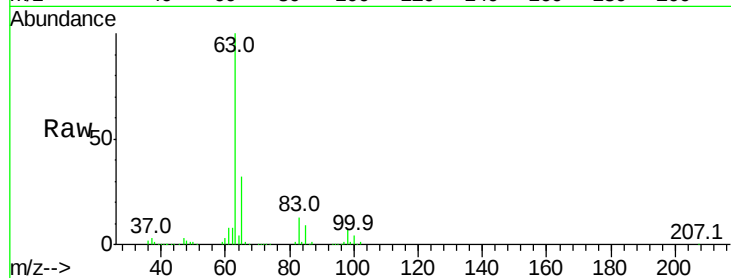
RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion:	63	Resp:	746417
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.8	40.4
83	13.3	10.1	18.9



#21

2-Butanone

Concen: 285.41 ug/L

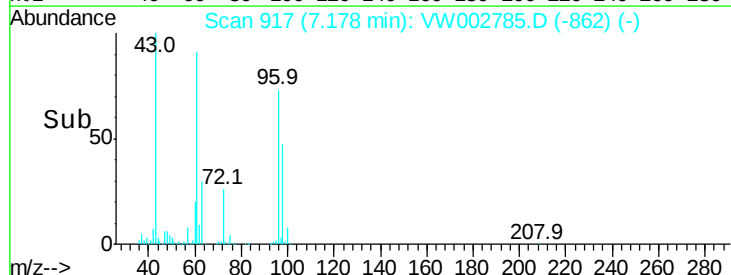
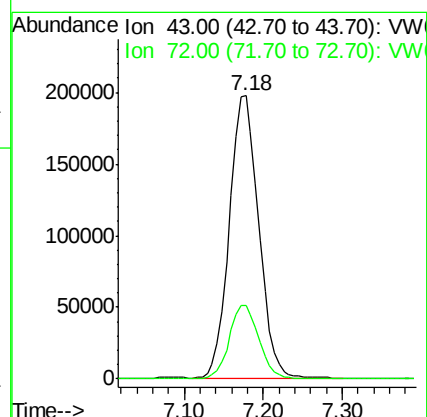
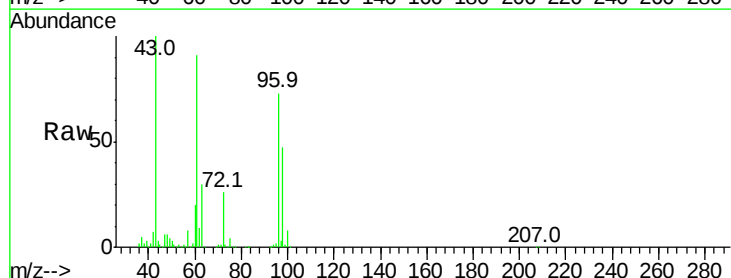
RT: 7.18 min Scan# 917

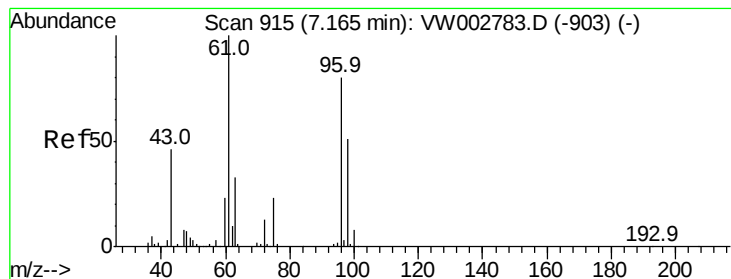
Delta R.T. 0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion:	43	Resp:	512875
Ion	Ratio	Lower	Upper
43	100		
72	26.2	13.7	41.1

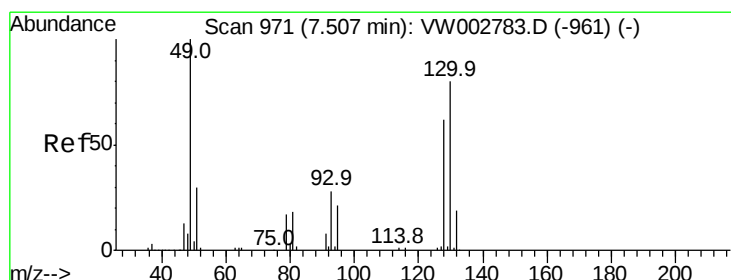
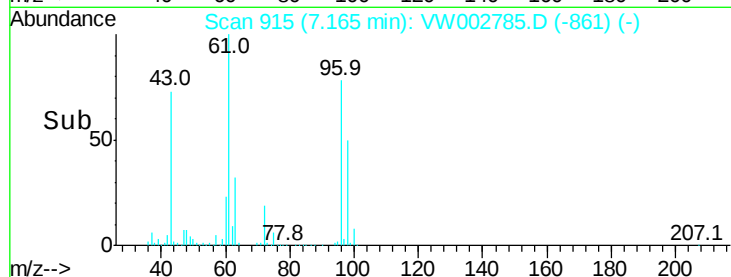
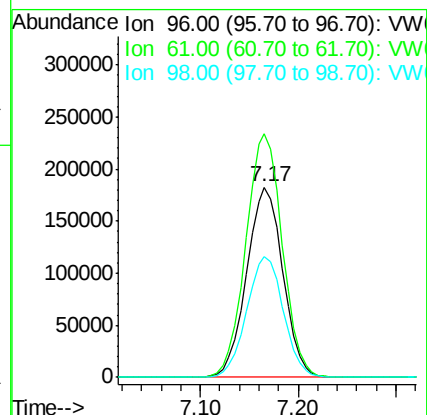
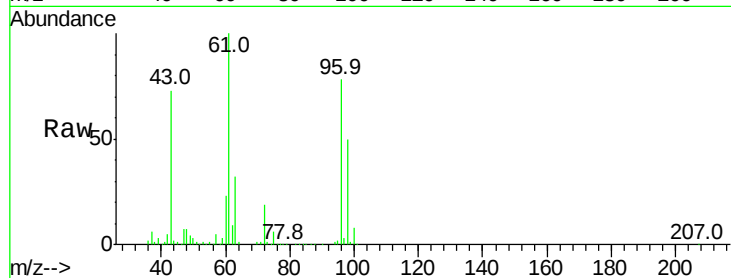




#22

cis-1,2-Dichloroethene
Concen: 113.16 ug/L
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

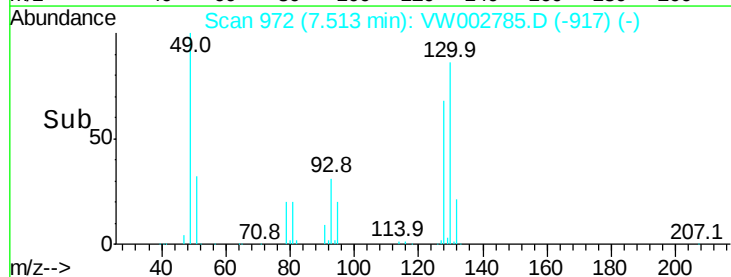
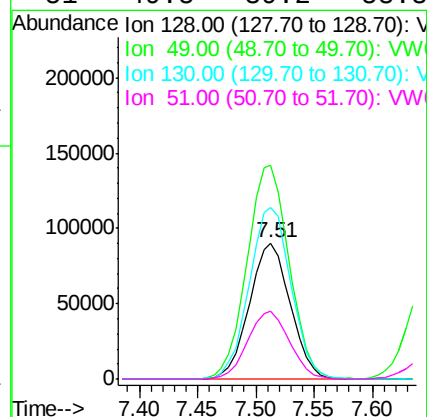
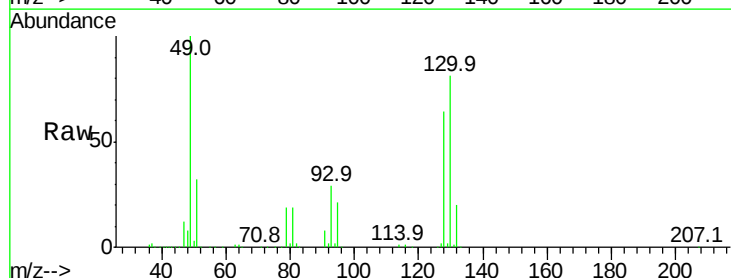
Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.0	88.1	163.7
98	63.7	43.9	81.5

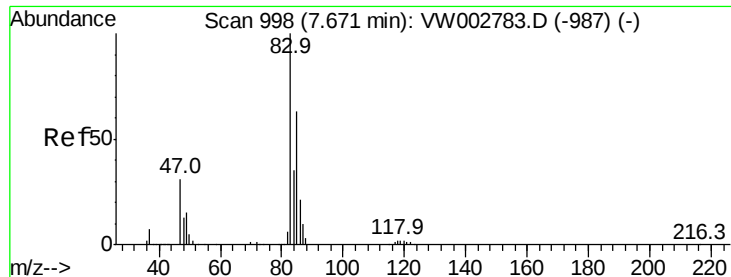


#23

Bromochloromethane
Concen: 111.89 ug/L
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

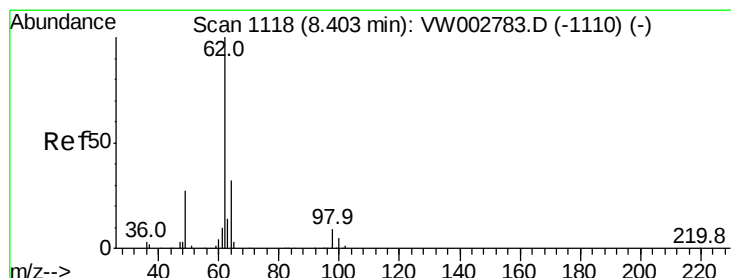
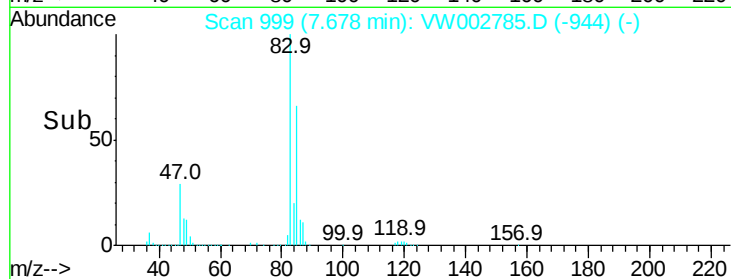
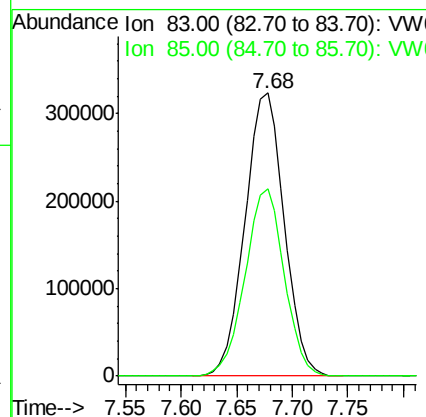
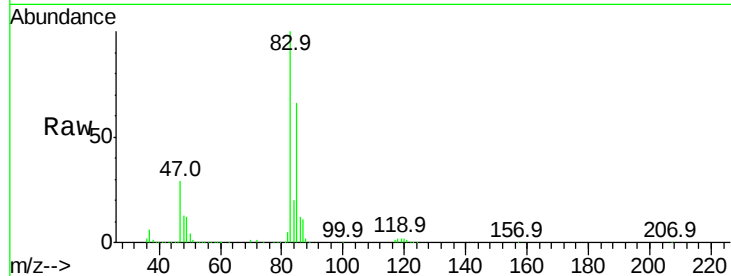
Tgt Ion	Ratio	Lower	Upper
128	100		
49	157.0	107.7	199.9
130	126.6	86.5	160.7
51	49.5	39.2	58.8





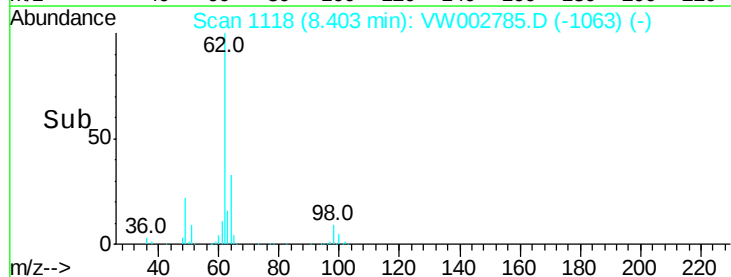
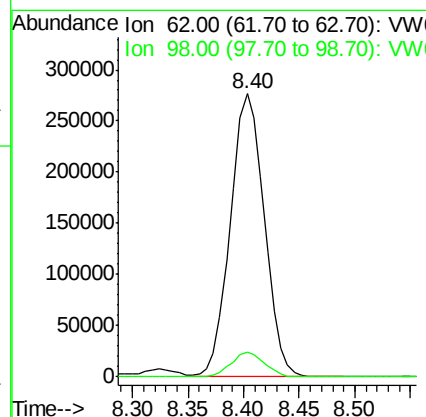
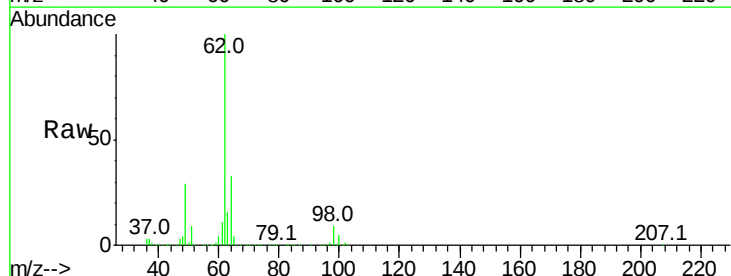
#25
Chloroform
Concen: 109.10 ug/L
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

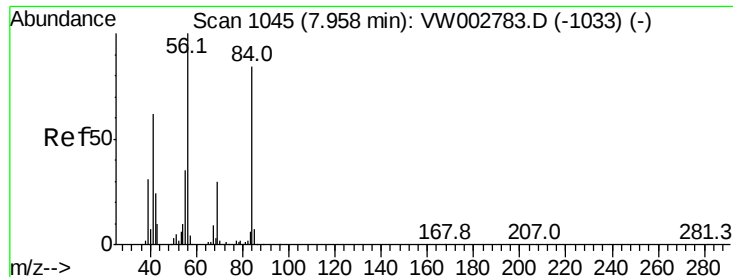
Tgt Ion: 83 Resp: 792349
Ion Ratio Lower Upper
83 100
85 66.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 116.35 ug/L
RT: 8.40 min Scan# 1118
Delta R.T. 0.01 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

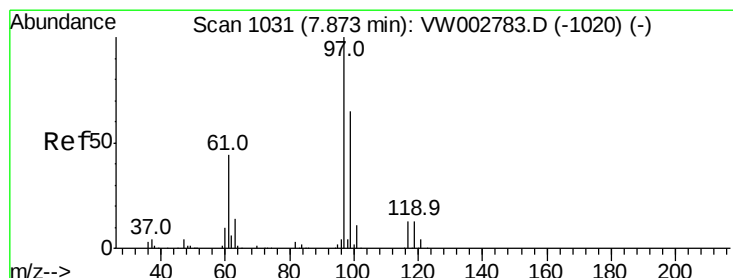
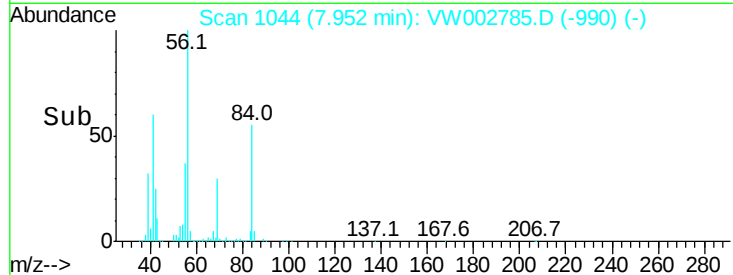
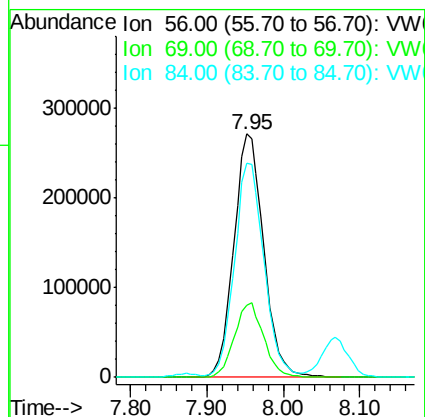
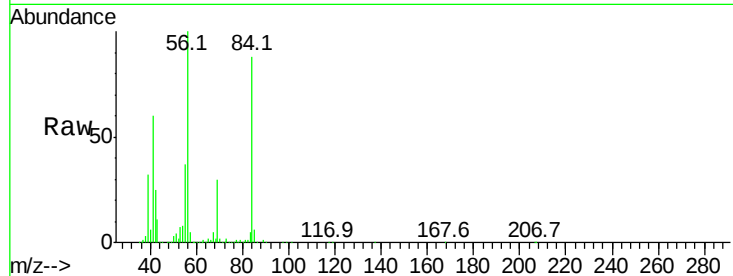
Tgt Ion: 62 Resp: 586469
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3





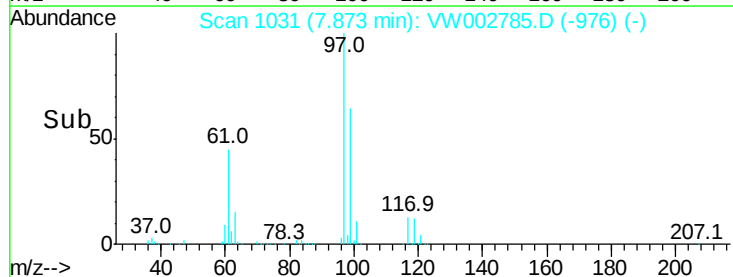
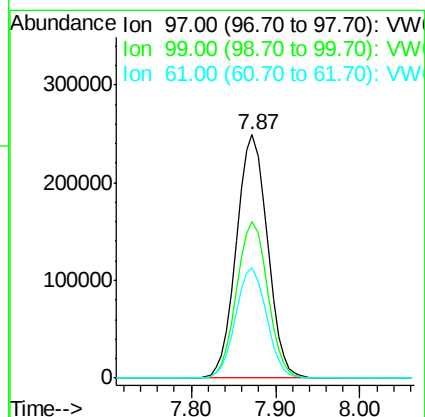
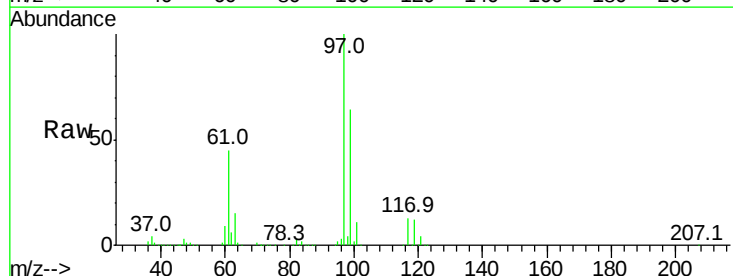
#30
Cyclohexane
Concen: 124.06 ug/L
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

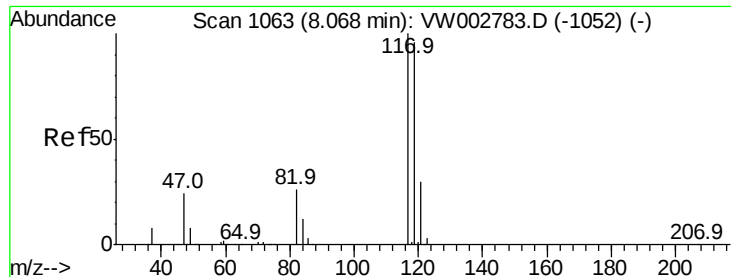
Tgt Ion:	56	Resp:	734617
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.6	36.8
84	86.9	70.2	105.2



#31
1,1,1-Trichloroethane
Concen: 105.58 ug/L
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

Tgt Ion:	97	Resp:	621213
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	45.4	35.0	52.4





#32

Carbon tetrachloride

Concen: 113.07 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VW002785.D

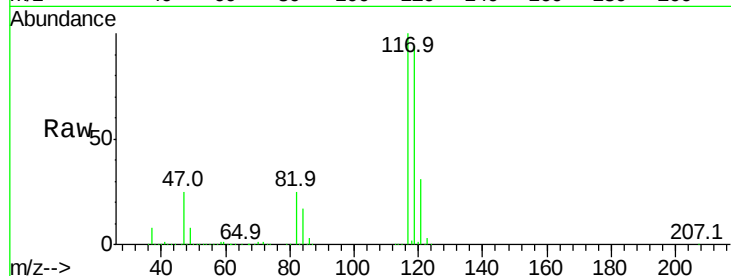
Acq: 22 May 2018 11:33

Tgt Ion: 117 Resp: 644351

Ion Ratio Lower Upper

117 100

119 95.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

300000

250000

200000

150000

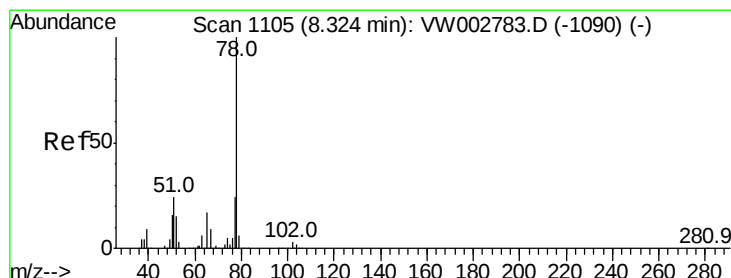
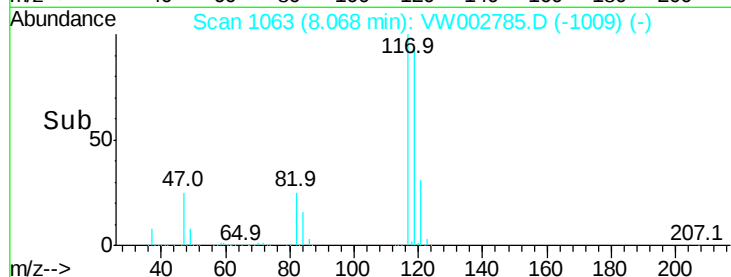
100000

50000

0

8.00 8.10 8.20

Time-->



#34

Benzene

Concen: 113.56 ug/L

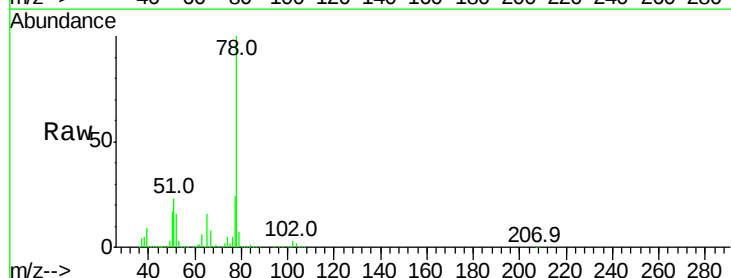
RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion: 78 Resp: 1741845



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

800000

600000

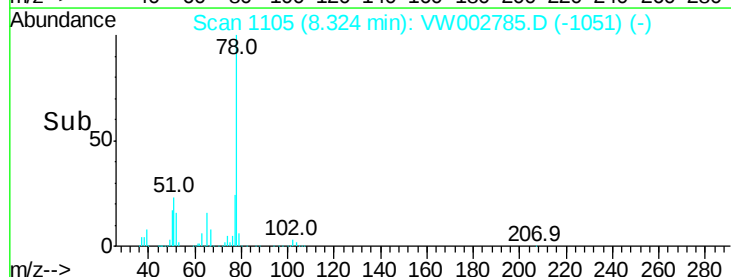
400000

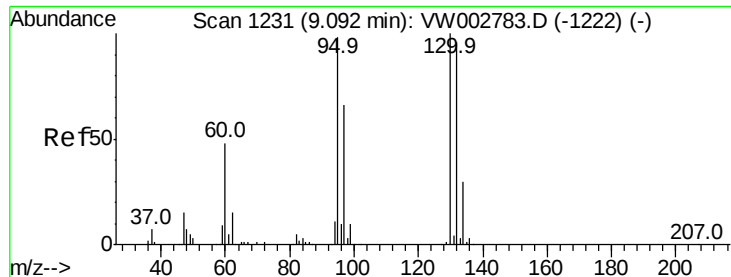
200000

0

8.20 8.30 8.40

Time-->





#35

Trichloroethene

Concen: 113.55 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion: 95 Resp: 474723

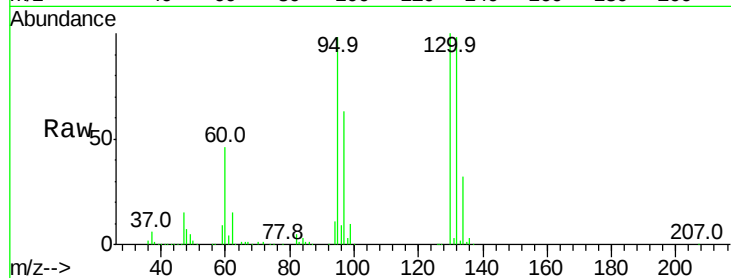
Ion Ratio Lower Upper

95 100

97 64.8 45.3 84.1

132 99.2 71.4 132.6

130 102.5 72.5 134.7

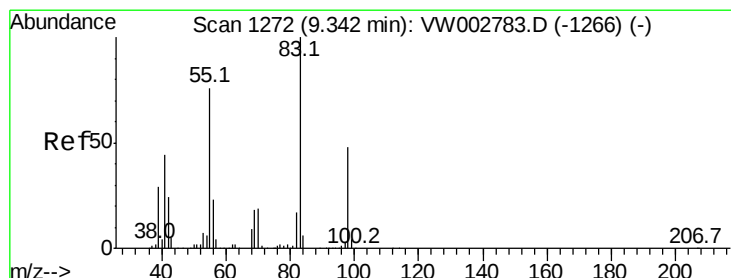
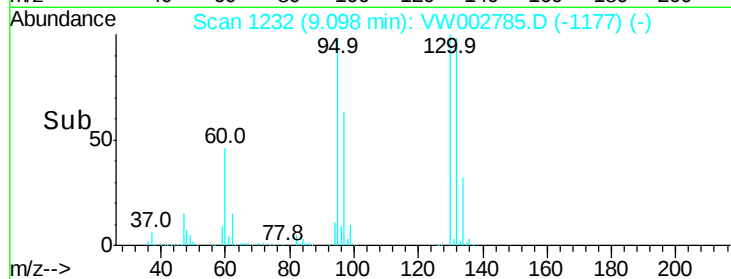
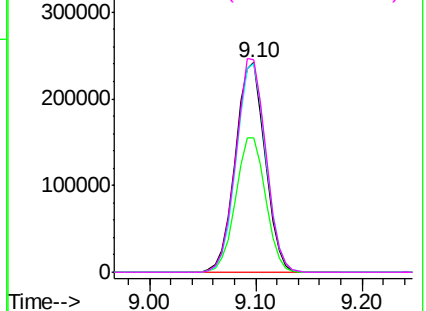


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 123.03 ug/L

RT: 9.34 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

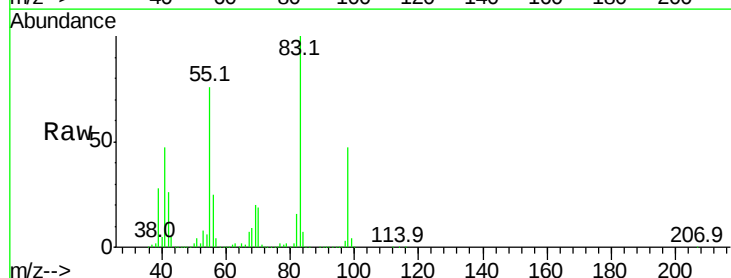
Tgt Ion: 83 Resp: 838061

Ion Ratio Lower Upper

83 100

55 75.5 60.5 90.7

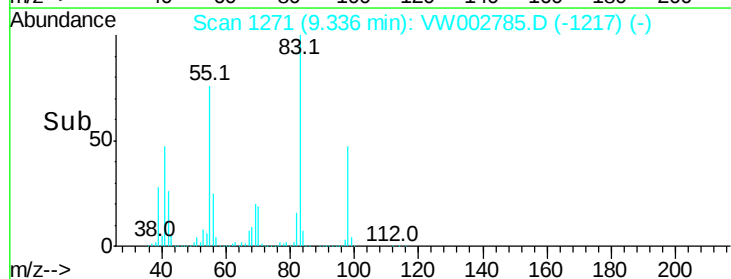
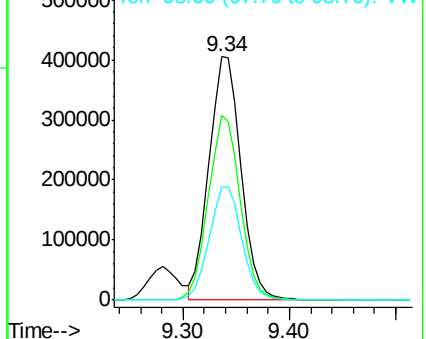
98 47.7 38.3 57.5

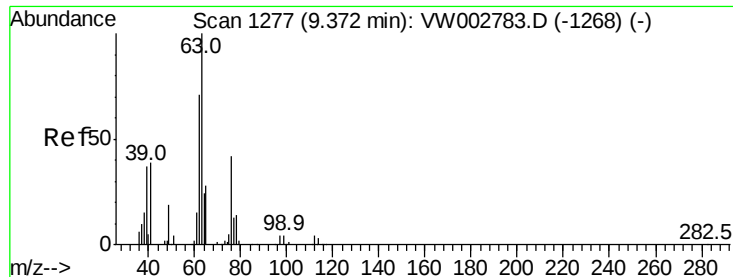


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 109.06 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW002785.D

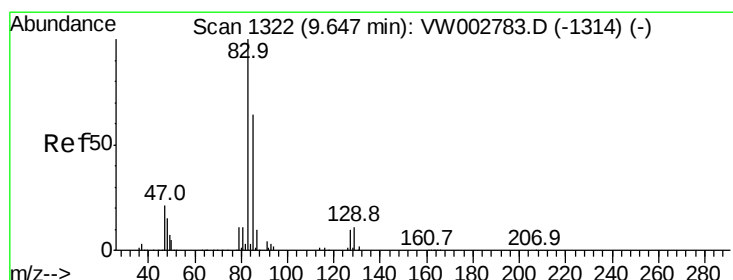
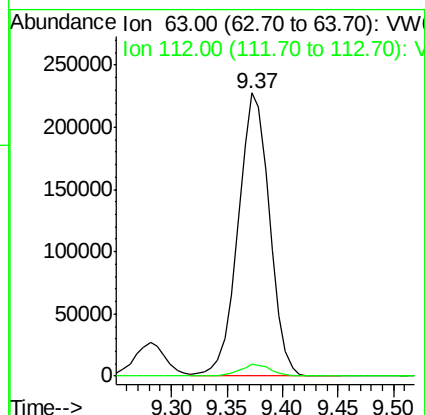
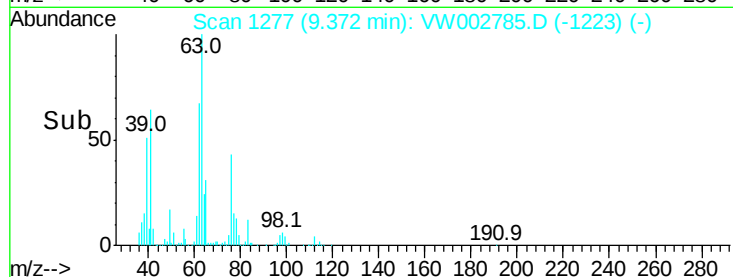
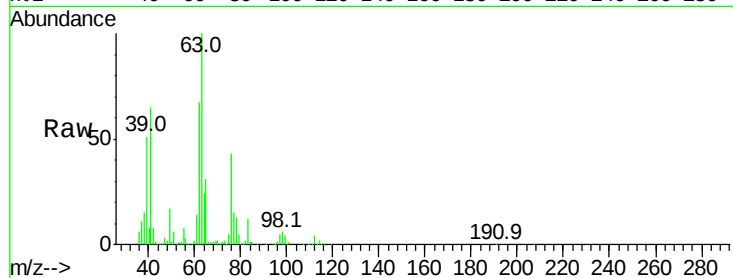
Acq: 22 May 2018 11:33

Tgt Ion: 63 Resp: 444813

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#41

Bromodichloromethane

Concen: 112.33 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

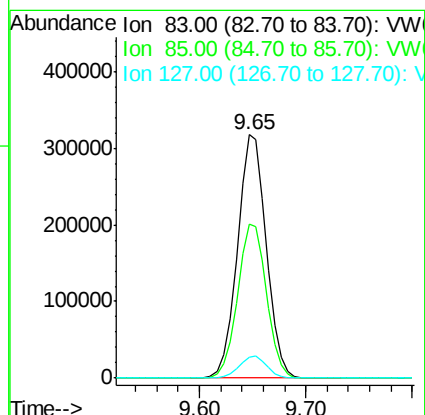
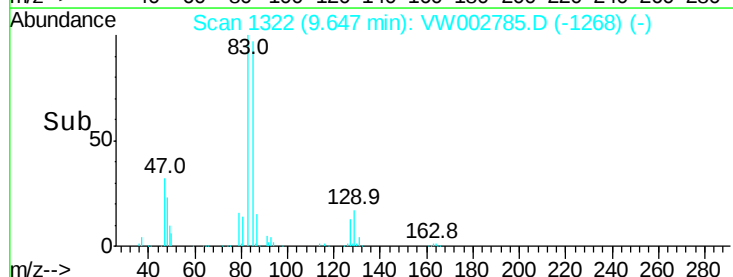
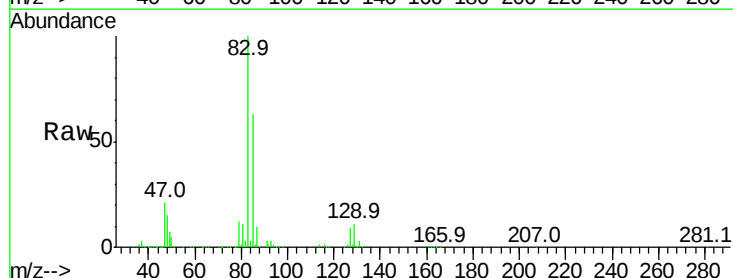
Tgt Ion: 83 Resp: 599198

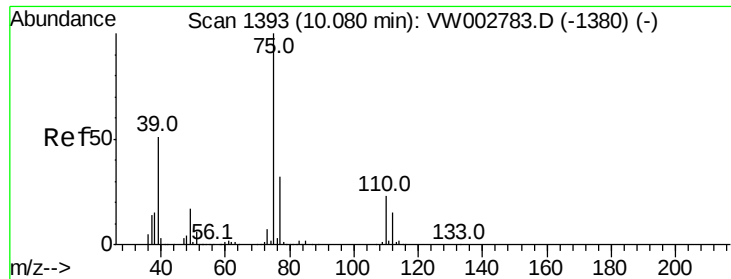
Ion Ratio Lower Upper

83 100

85 63.4 43.5 80.9

127 8.6 7.2 10.8





#42

cis-1,3-Dichloropropene

Concen: 116.15 ug/L

RT: 10.08 min Scan# 1393

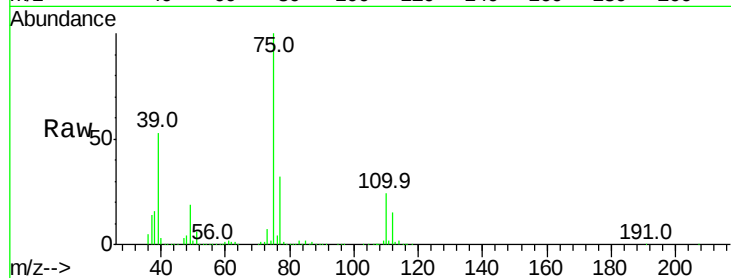
Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

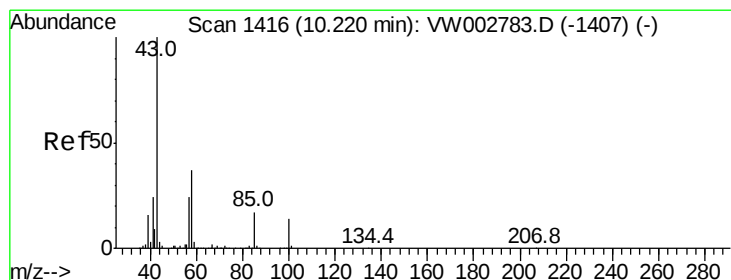
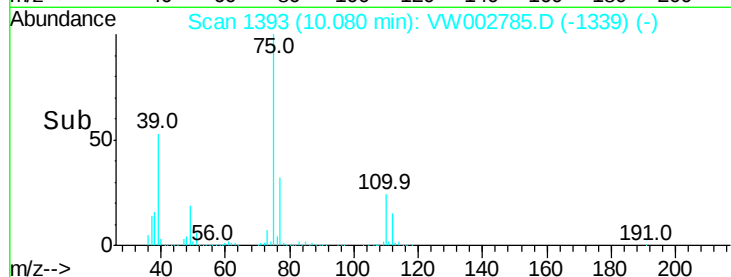
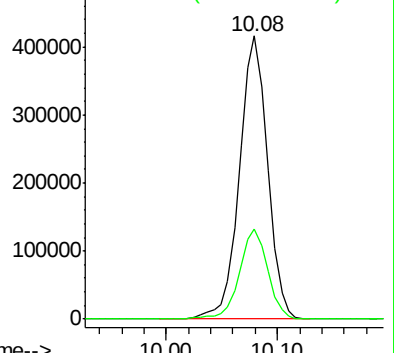
Tgt Ion: 75 Resp: 734287

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.0	40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 290.52 ug/L

RT: 10.22 min Scan# 1416

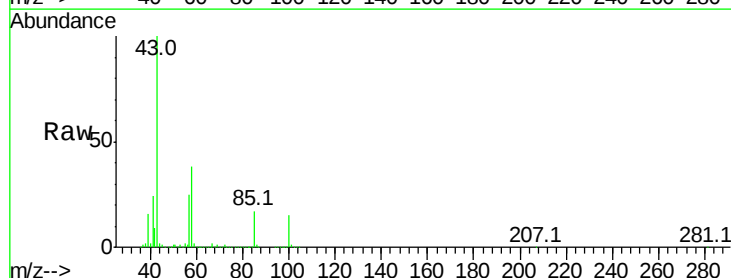
Delta R.T. 0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

Tgt Ion: 43 Resp: 1002187

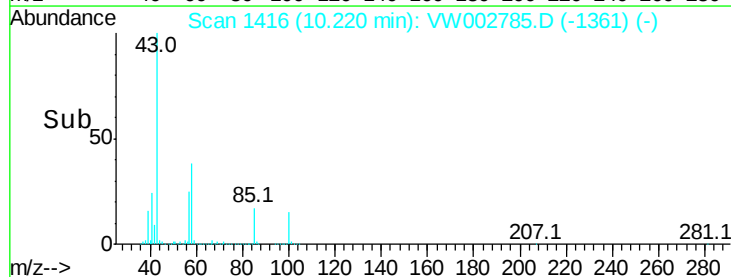
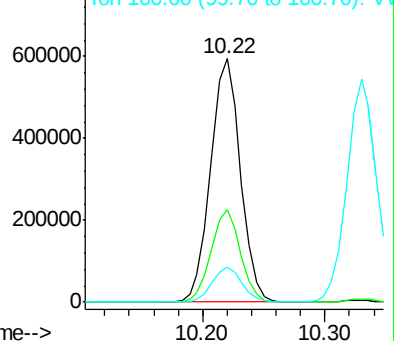
Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.2	45.2
100	14.5	12.1	18.1

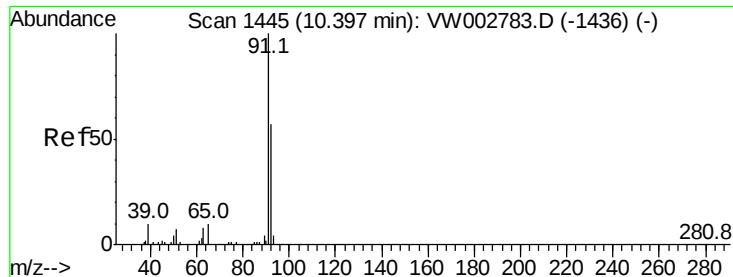


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 114.69 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW002785.D

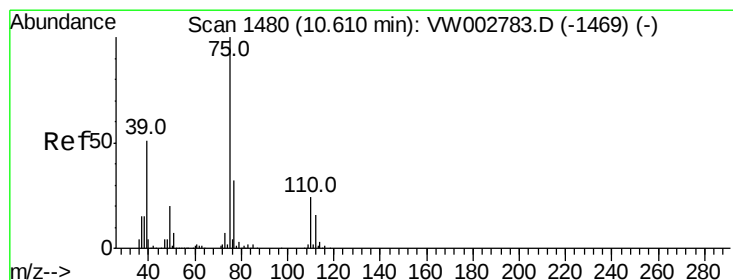
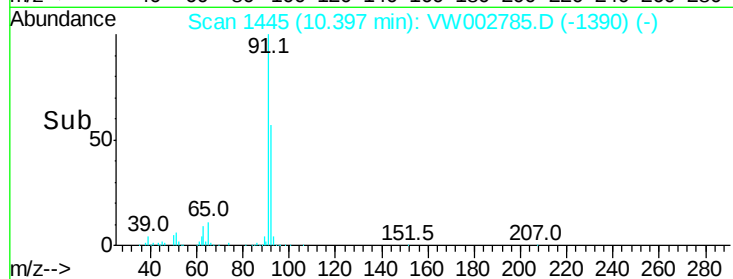
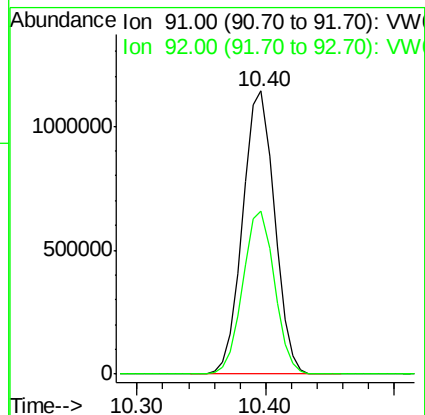
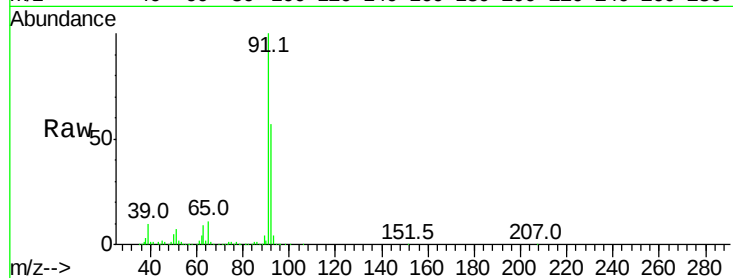
Acq: 22 May 2018 11:33

Tgt Ion: 91 Resp: 1955843

Ion Ratio Lower Upper

91 100

92 57.4 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 120.35 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002785.D

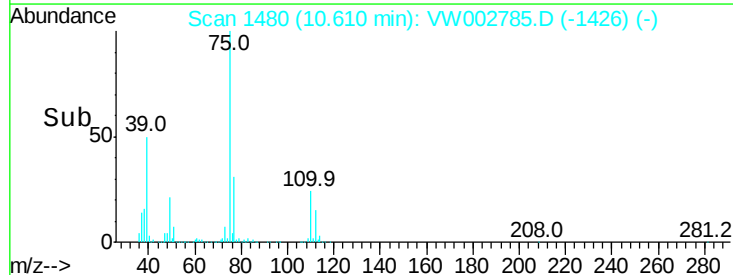
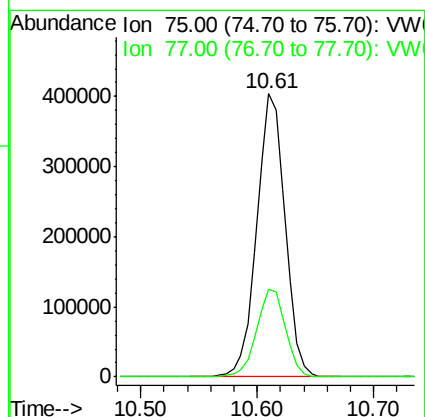
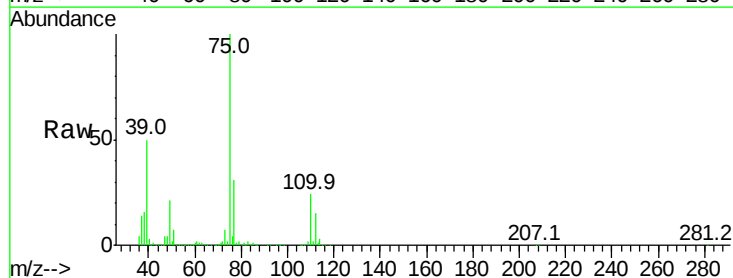
Acq: 22 May 2018 11:33

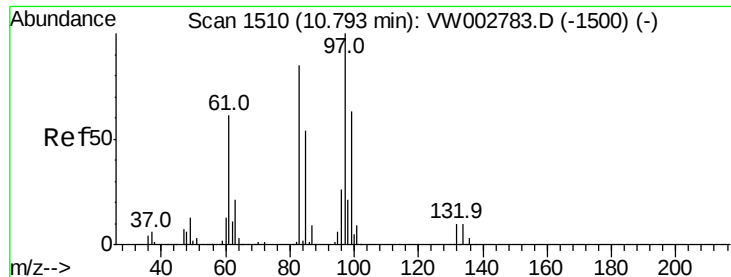
Tgt Ion: 75 Resp: 684638

Ion Ratio Lower Upper

75 100

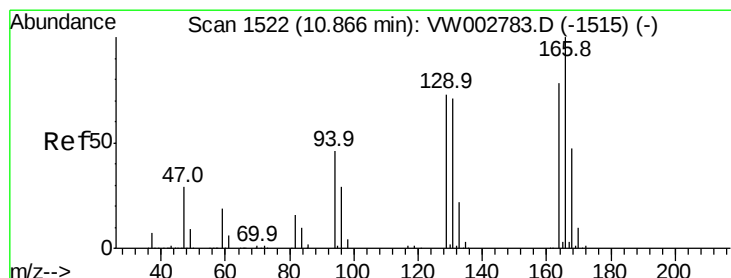
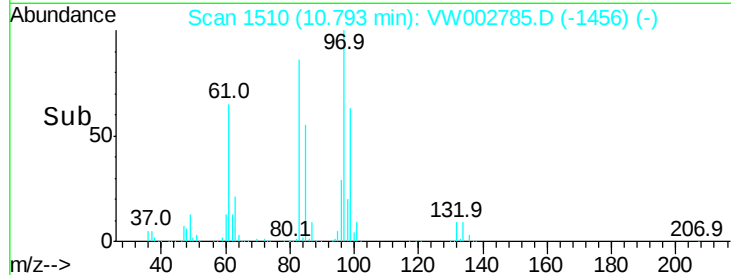
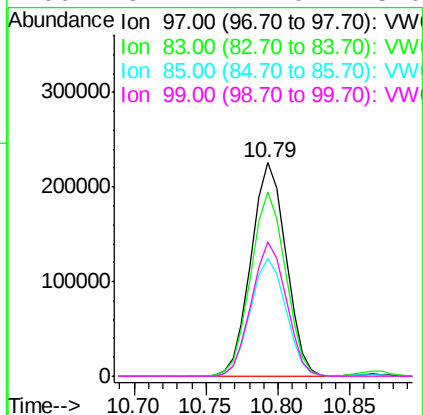
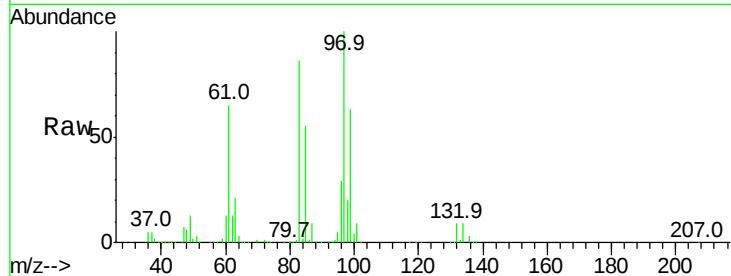
77 31.0 21.7 40.3





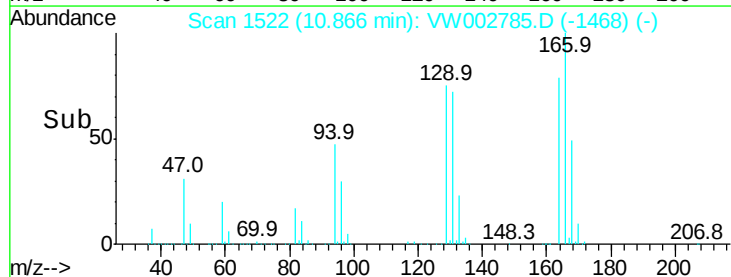
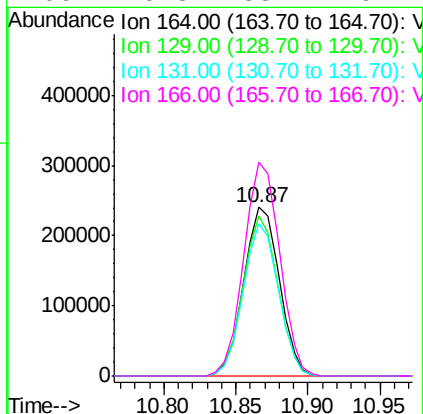
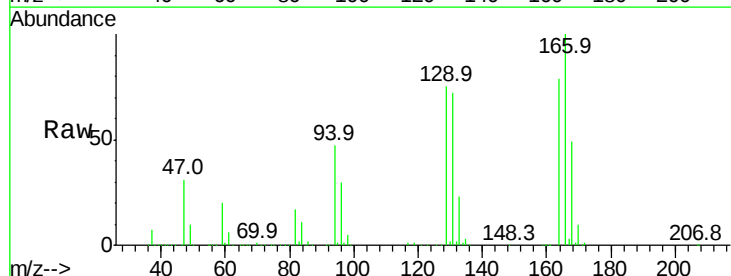
#46
 1,1,2-Trichloroethane
 Concen: 112.11 ug/L
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

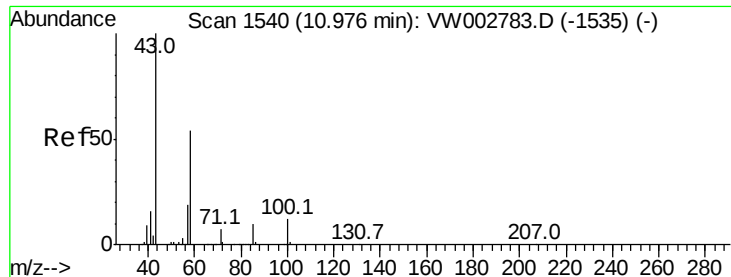
Tgt Ion:	97	Resp:	380034
Ion	Ratio	Lower	Upper
97	100		
83	86.2	60.6	112.6
85	54.9	37.9	70.3
99	62.7	42.0	78.0



#47
 Tetrachloroethene
 Concen: 114.59 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

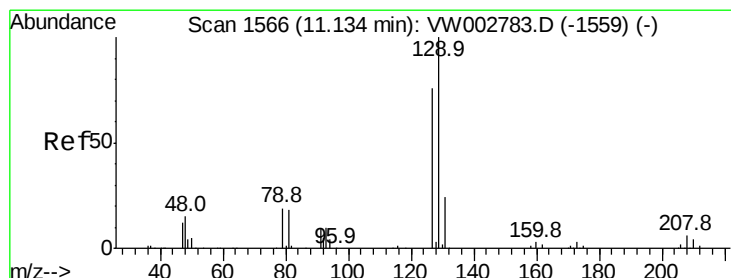
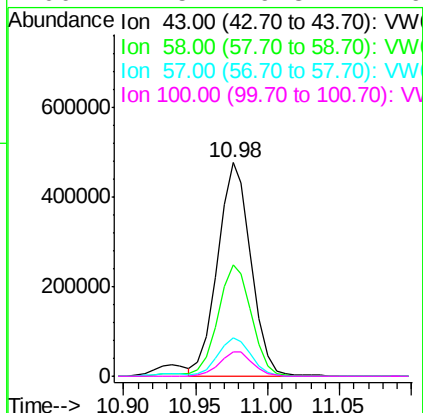
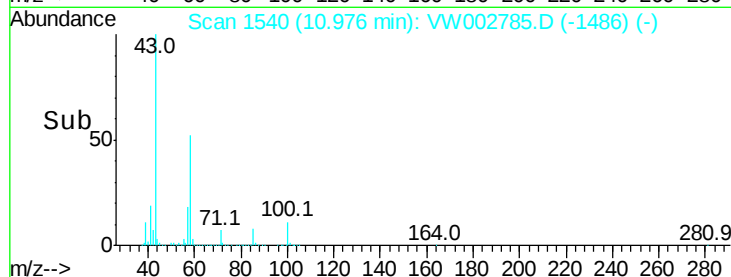
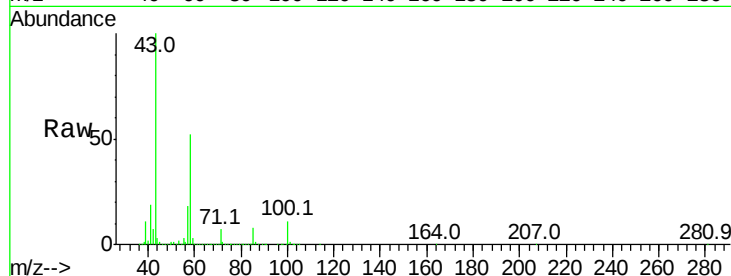
Tgt Ion:	164	Resp:	413731
Ion	Ratio	Lower	Upper
164	100		
129	95.2	64.4	119.6
131	90.8	63.2	117.4
166	126.8	88.7	164.7





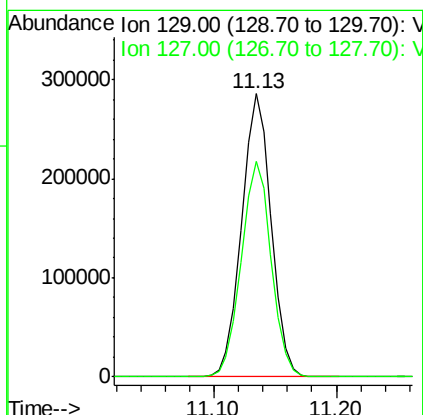
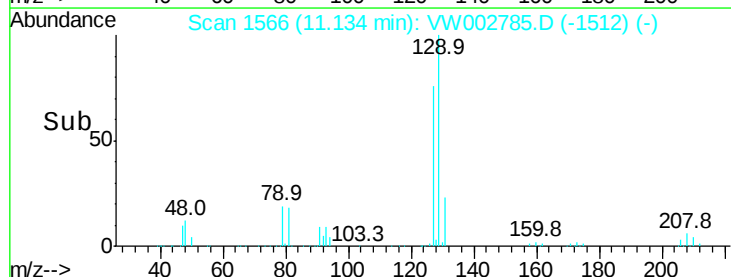
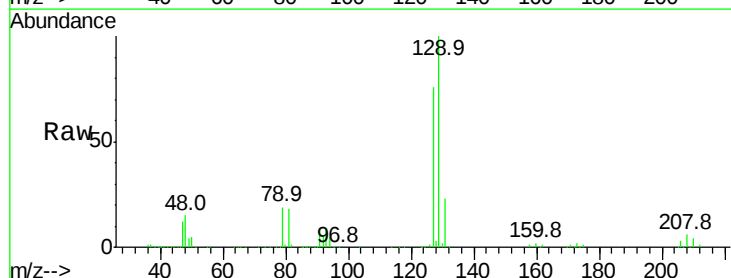
#49
2-Hexanone
Concen: 301.36 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

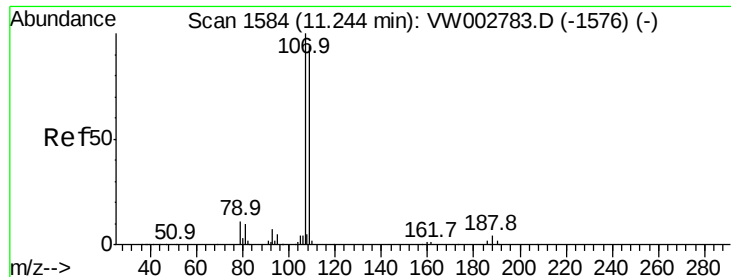
Tgt Ion:	43	Resp:	770876
Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.8	64.2
57	18.2	15.9	23.9
100	11.5	9.8	14.6



#50
Dibromochloromethane
Concen: 117.06 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

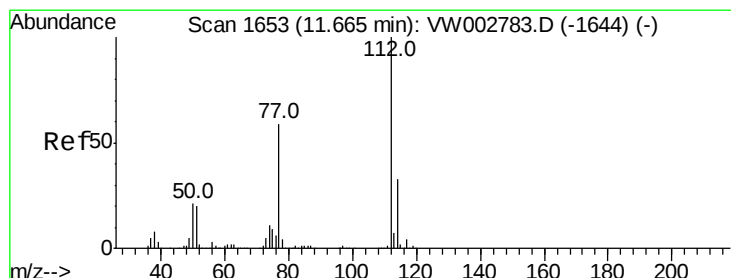
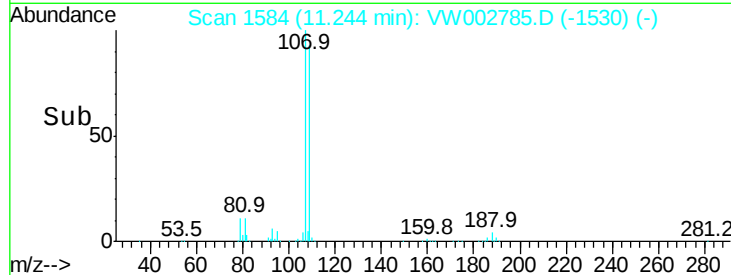
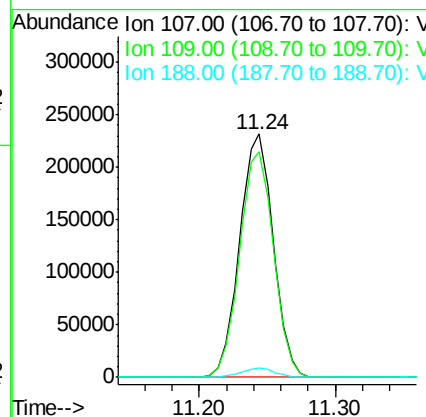
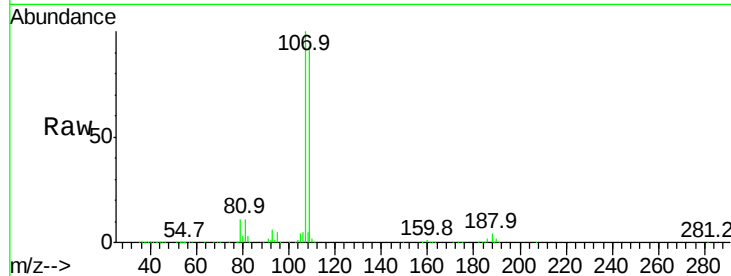
Tgt Ion:	129	Resp:	478062
Ion	Ratio	Lower	Upper
129	100		
127	76.0	52.6	97.8





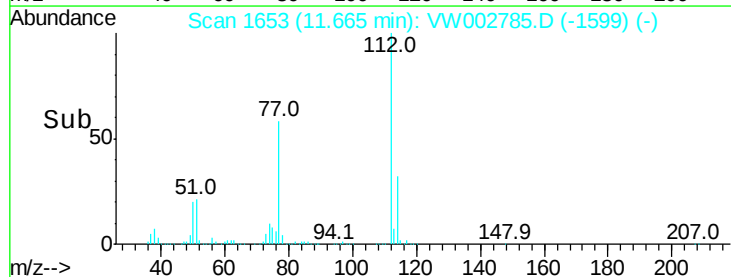
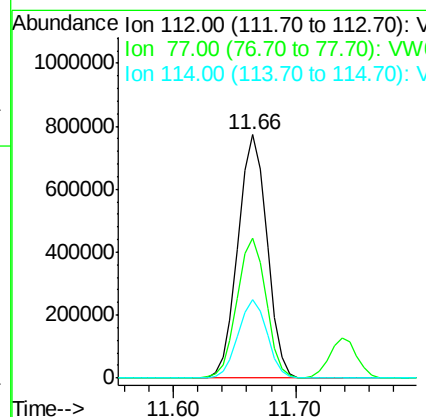
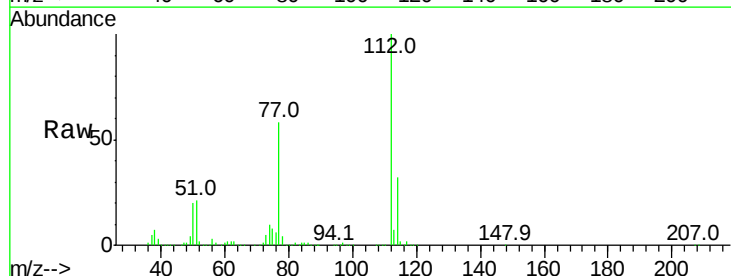
#51
 1,2-Dibromoethane
 Concen: 121.16 ug/L
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

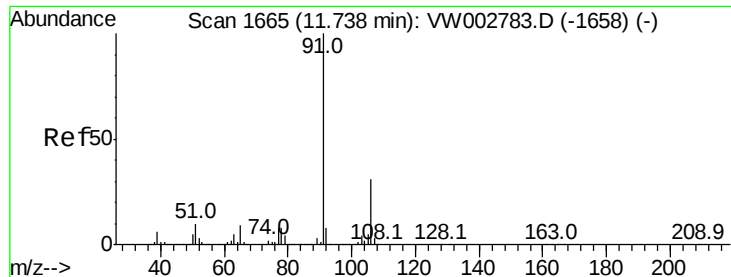
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	399699		
109	92.8	65.5	121.6	
188	3.7	3.3	4.9	



#52
 Chlorobenzene
 Concen: 111.27 ug/L
 RT: 11.66 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1268947		
77	57.6	44.7	67.1	
114	32.4	21.8	40.6	





#53

Ethylbenzene

Concen: 116.79 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002785.D

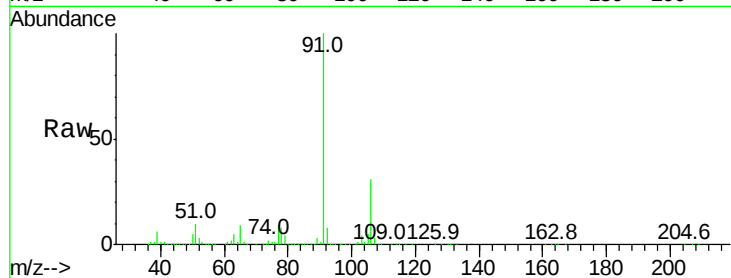
Acq: 22 May 2018 11:33

Tgt Ion: 91 Resp: 2274662

Ion Ratio Lower Upper

91 100

106 31.4 21.4 39.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

1500000

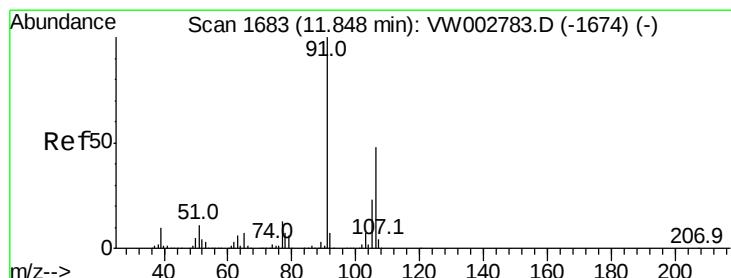
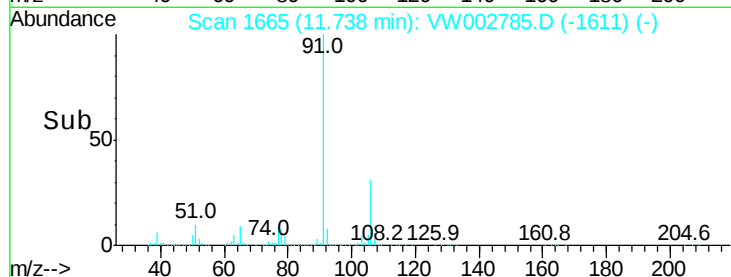
1000000

500000

0

11.70 11.80

Time-->



#54

m,p-Xylene

Concen: 117.09 ug/L

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW002785.D

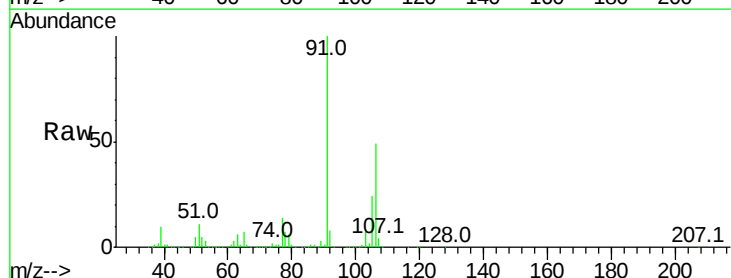
Acq: 22 May 2018 11:33

Tgt Ion: 106 Resp: 863585

Ion Ratio Lower Upper

106 100

91 203.9 140.6 261.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

1000000

800000

600000

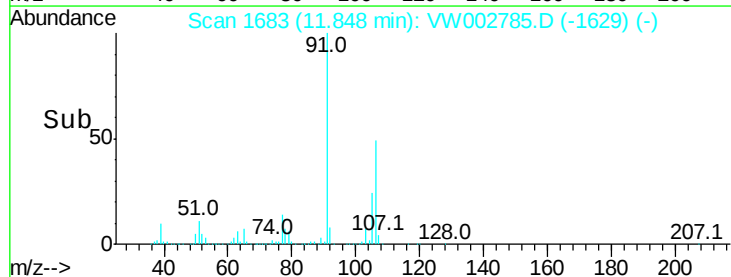
400000

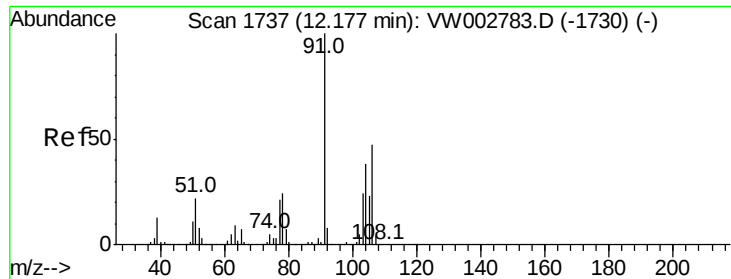
200000

0

11.75 11.80 11.85 11.90

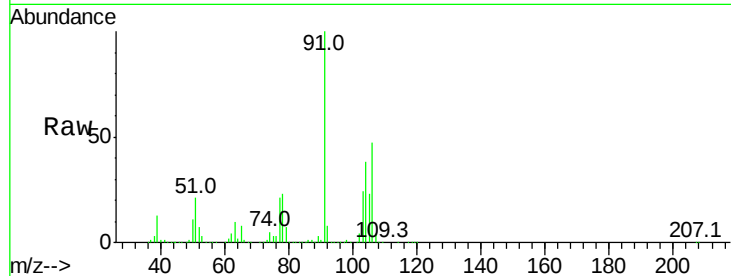
Time-->



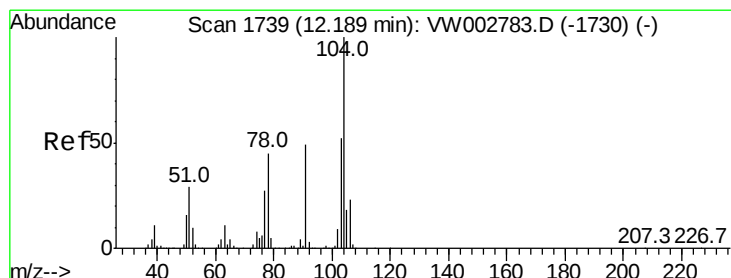
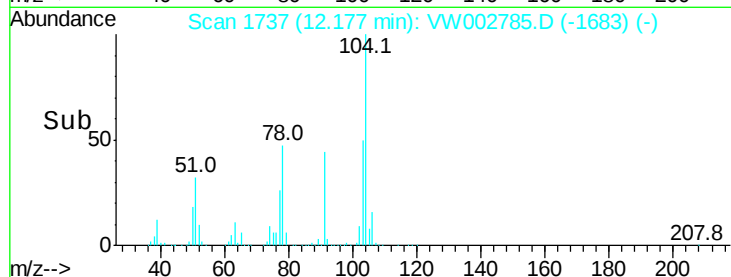
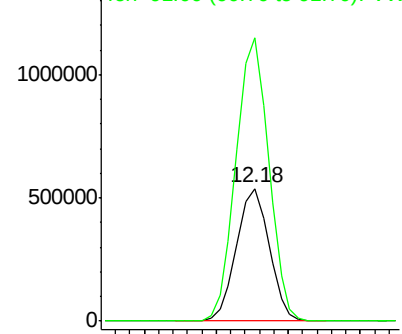


#55
o-xylene
Concen: 118.11 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

Tgt Ion:106 Resp: 848479
Ion Ratio Lower Upper
106 100
91 212.9 150.2 279.0

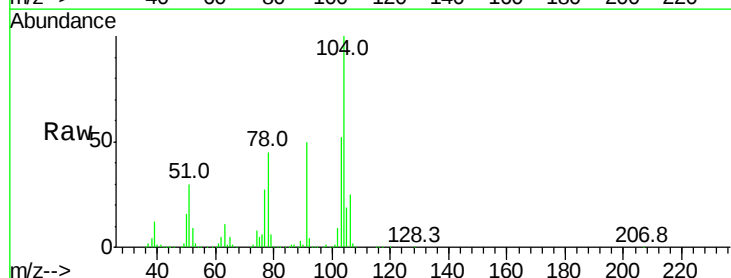


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

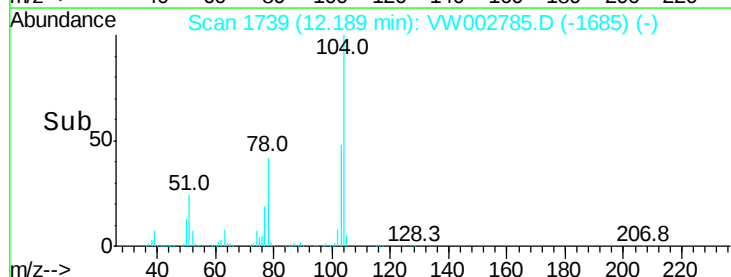
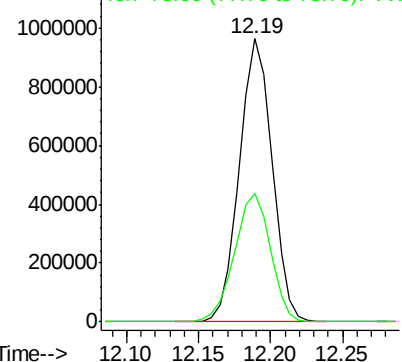


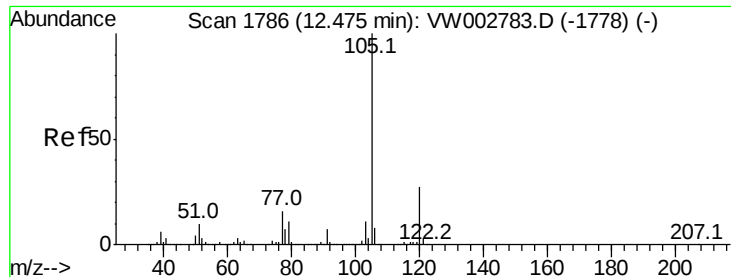
#56
Styrene
Concen: 123.19 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002785.D
Acq: 22 May 2018 11:33

Tgt Ion:104 Resp: 1513556
Ion Ratio Lower Upper
104 100
78 45.3 32.4 60.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 117.39 ug/L

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

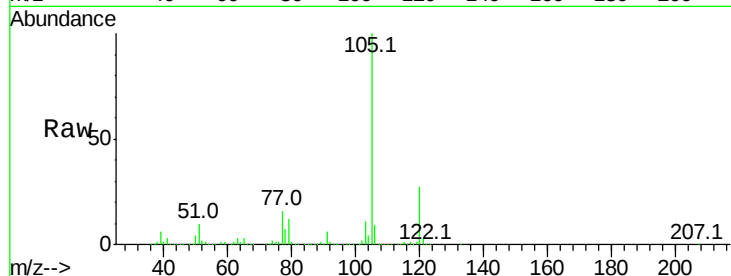
Tgt Ion: 105 Resp: 2332592

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

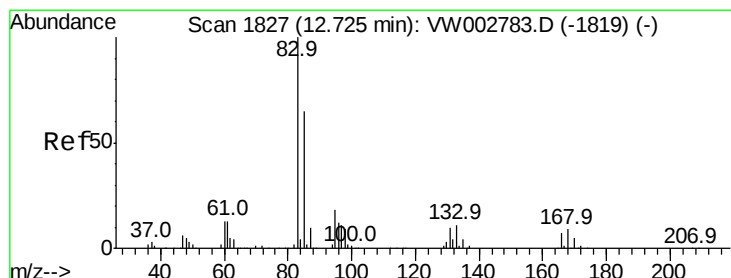
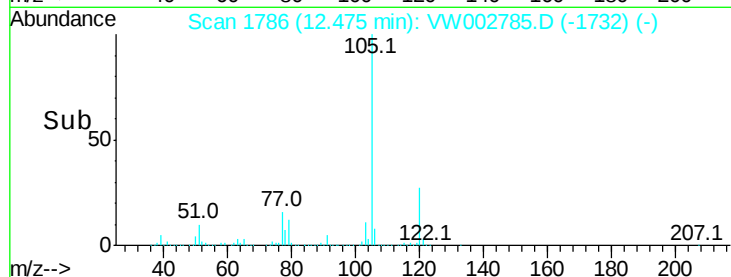
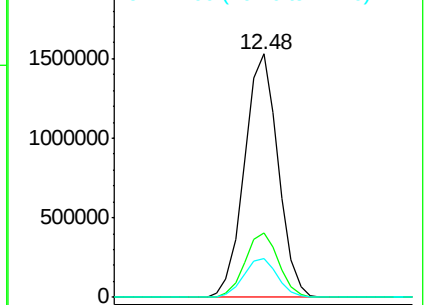
77 16.0 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 122.21 ug/L

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

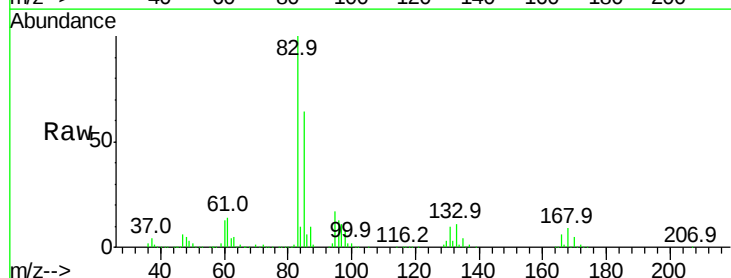
Tgt Ion: 83 Resp: 568866

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

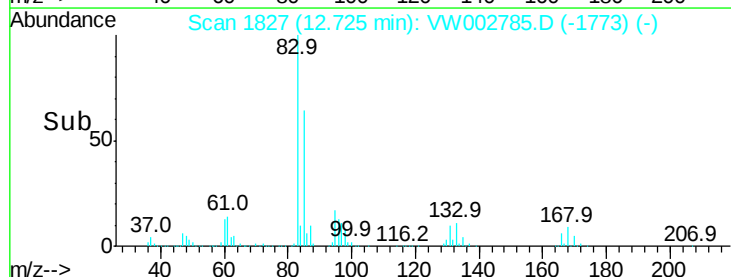
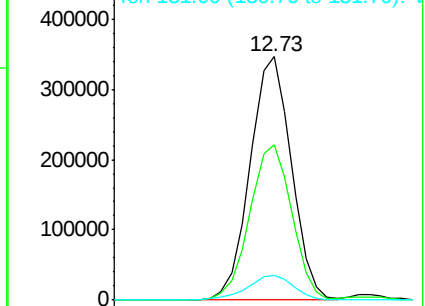
131 10.3 8.2 12.2

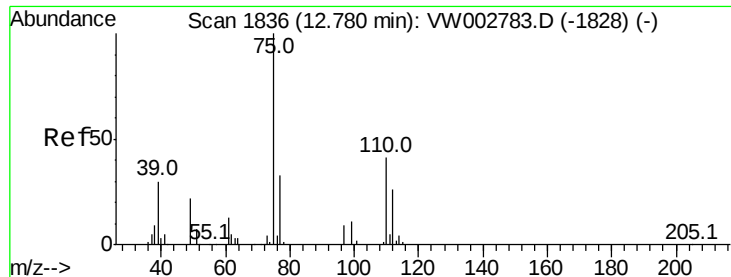


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 125.30 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002785.D

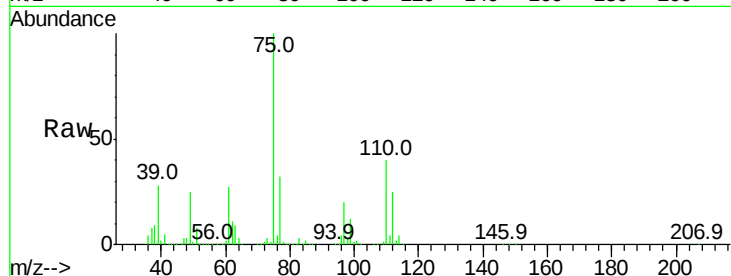
Acq: 22 May 2018 11:33

Tgt Ion: 75 Resp: 441976

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.78

300000

250000

200000

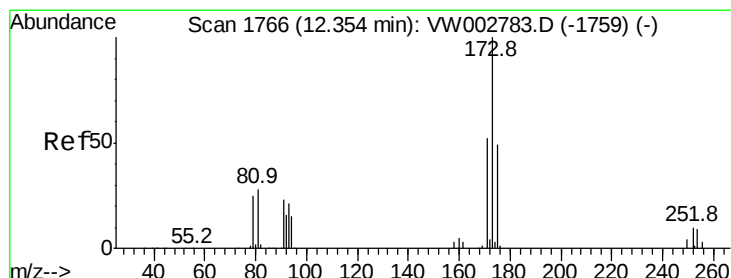
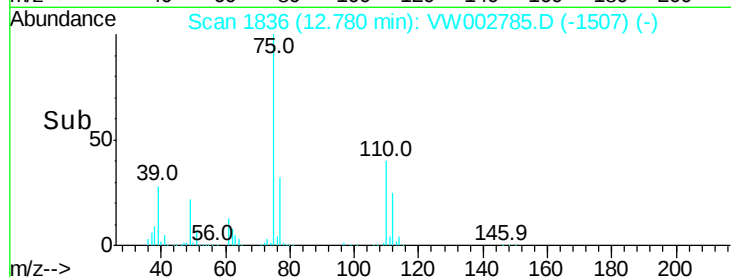
150000

100000

50000

0

Time--> 12.70 12.75 12.80 12.85



#62

Bromoform

Concen: 128.38 ug/L

RT: 12.36 min Scan# 1767

Delta R.T. 0.01 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

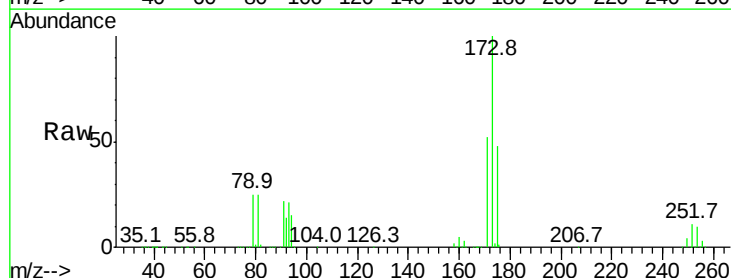
Tgt Ion: 173 Resp: 342815

Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 9.9 8.5 12.7



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

12.36

250000

200000

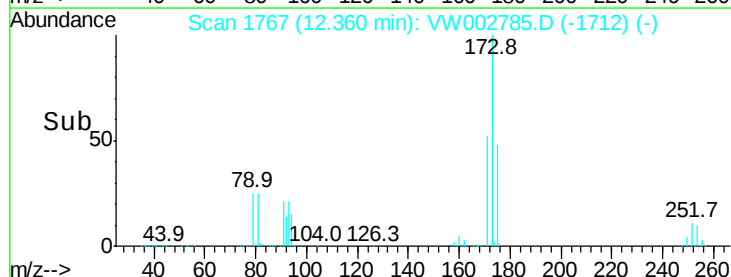
150000

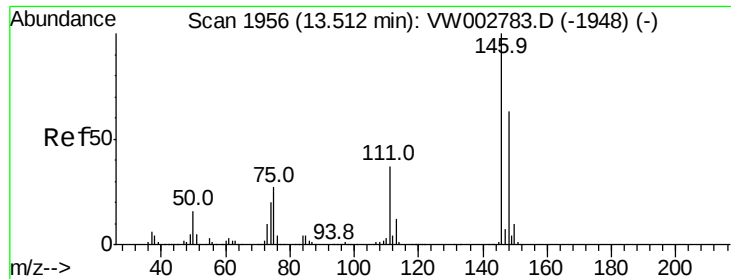
100000

50000

0

Time--> 12.30 12.35 12.40

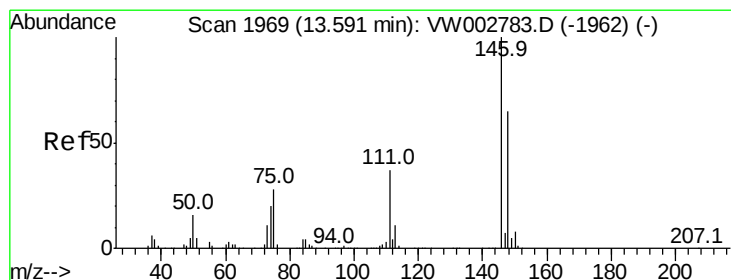
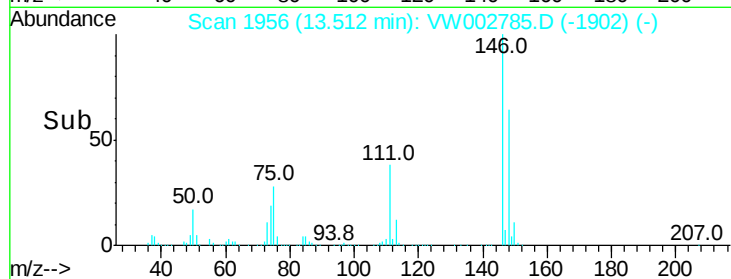
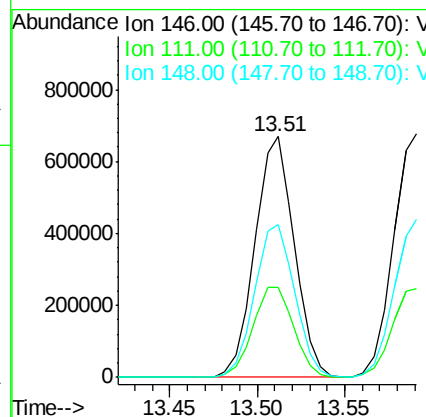
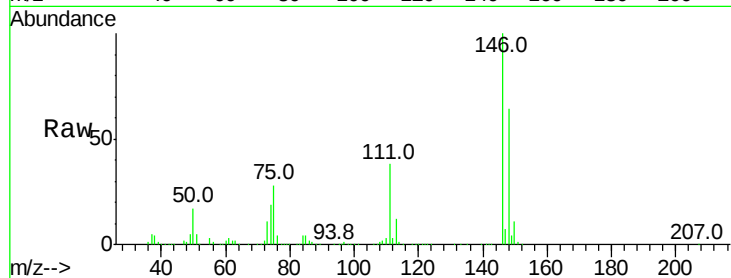




#63
 1,3-Dichlorobenzene
 Concen: 109.48 ug/L
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

Tgt Ion:146 Resp: 1047208

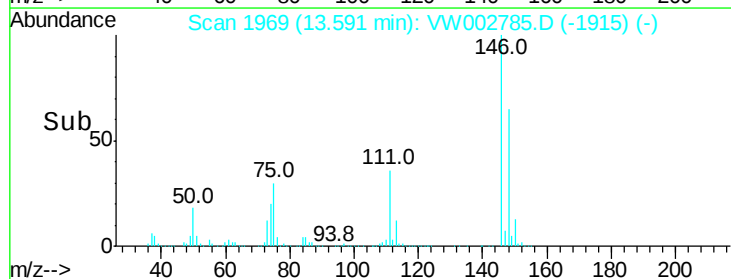
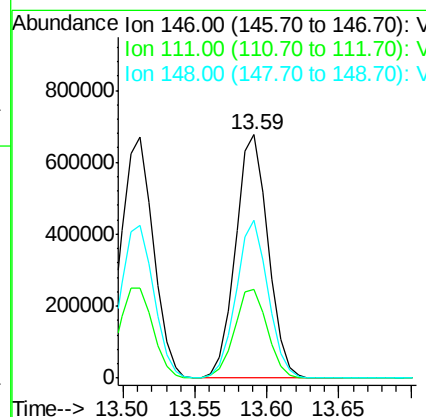
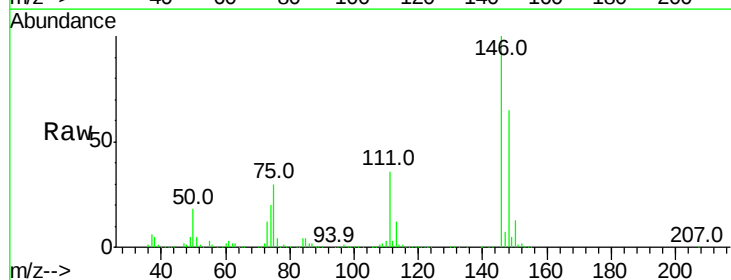
Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.7	49.5
148	63.7	44.3	82.3

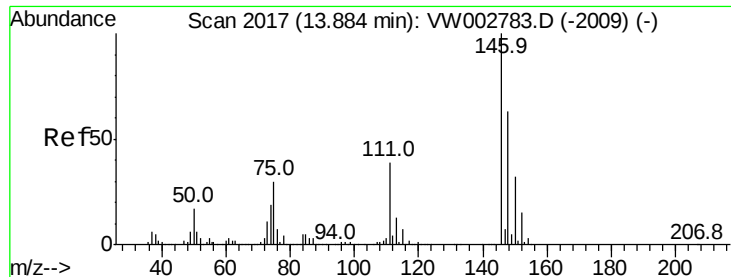


#64
 1,4-Dichlorobenzene
 Concen: 108.02 ug/L
 RT: 13.59 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

Tgt Ion:146 Resp: 1066646

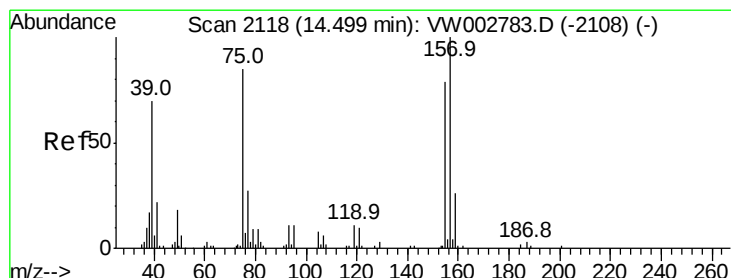
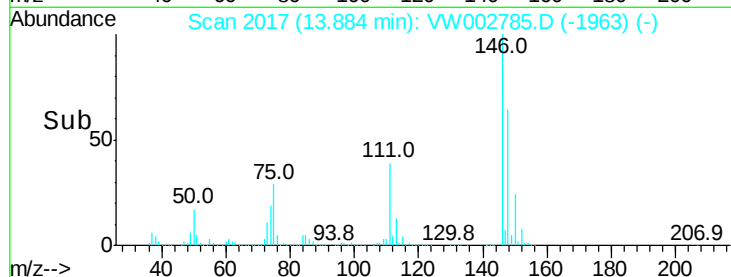
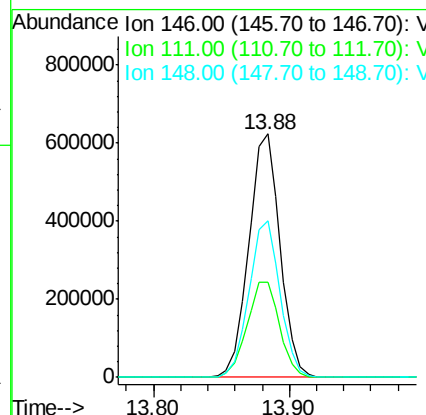
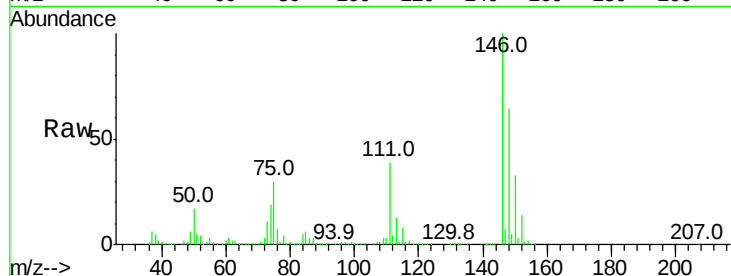
Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.6	47.4
148	64.8	43.2	80.2





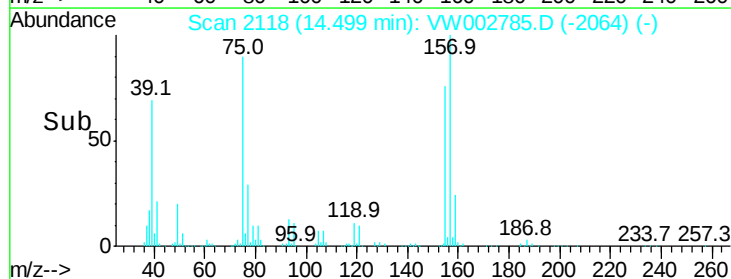
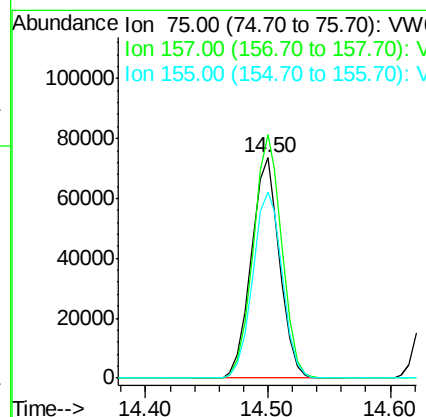
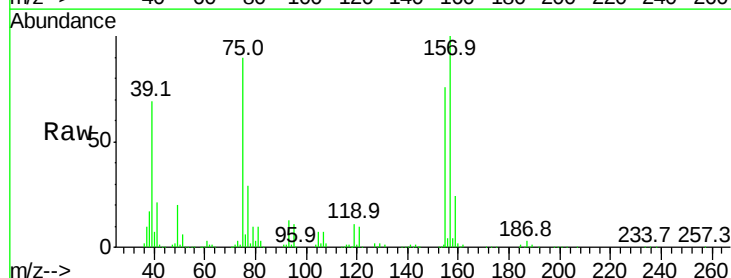
#65
 1,2-Dichlorobenzene
 Concen: 110.01 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

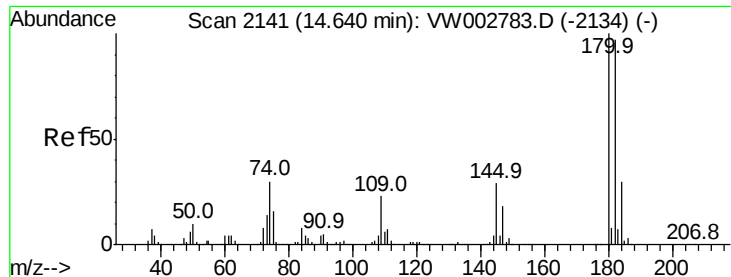
Tgt Ion:146 Resp: 1001190
 Ion Ratio Lower Upper
 146 100
 111 39.3 31.5 47.3
 148 64.1 52.3 78.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 140.80 ug/L
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

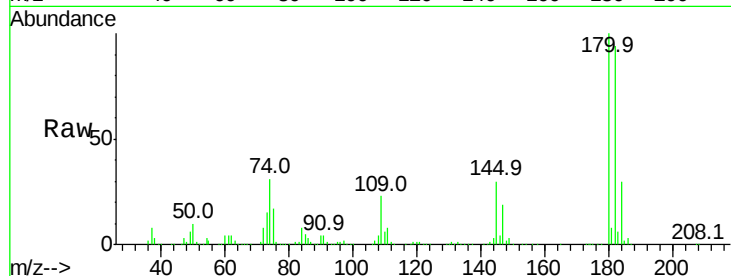
Tgt Ion: 75 Resp: 117668
 Ion Ratio Lower Upper
 75 100
 157 110.6 87.6 131.4
 155 84.5 66.2 99.4





#67
 1,3,5-Trichlorobenzene
 Concen: 105.67 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

Tgt Ion:	180	Resp:	817300
Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.6
184	30.4	24.3	36.5
145	28.8	23.0	34.6

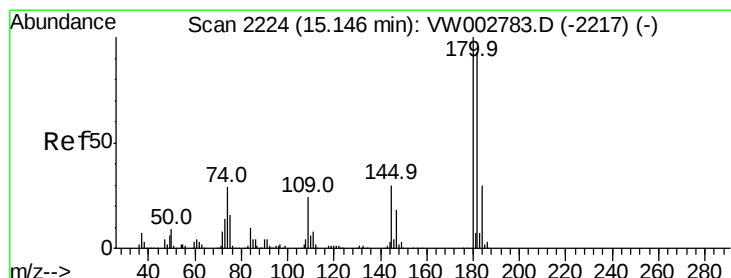
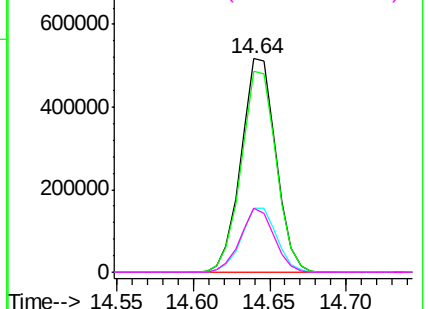
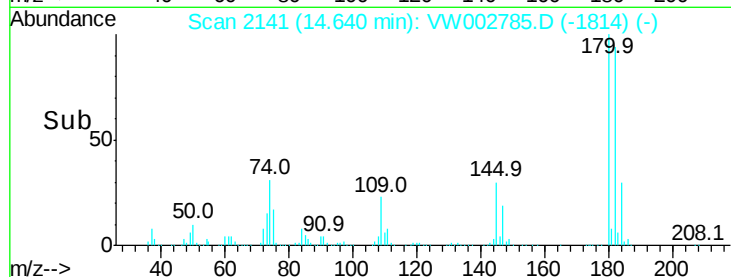


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

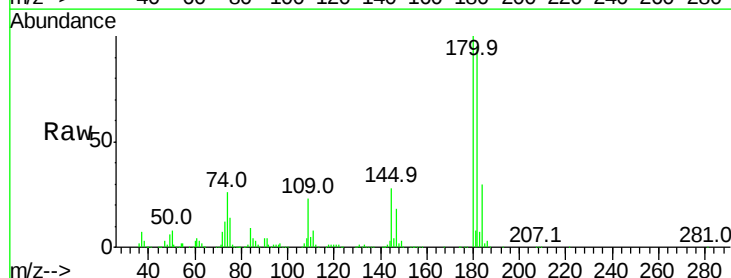
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 106.62 ug/L
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002785.D
 Acq: 22 May 2018 11:33

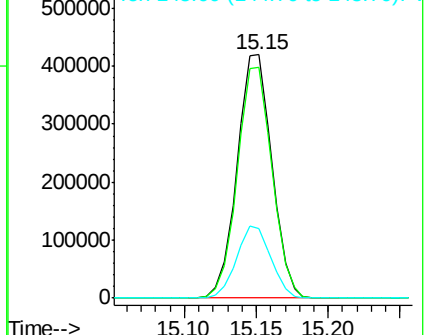
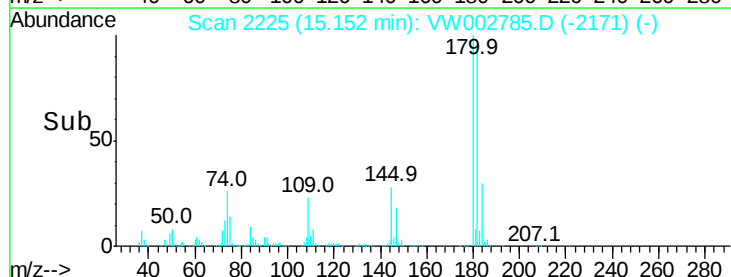
Tgt Ion:	180	Resp:	703333
Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.6	112.0
145	29.2	23.1	34.7

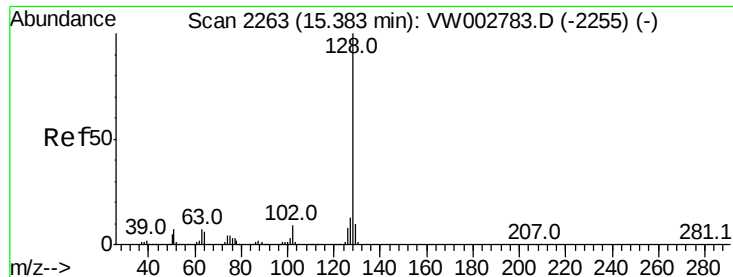


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 121.02 ug/L

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

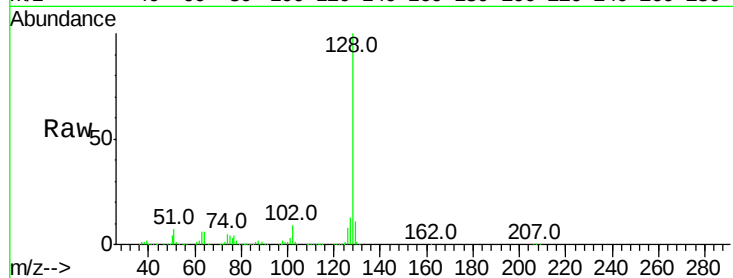
Tgt Ion:128 Resp: 1657212

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

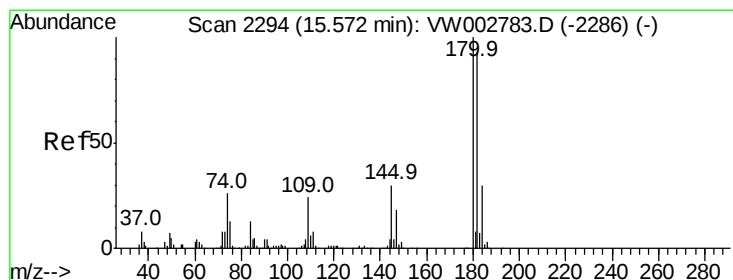
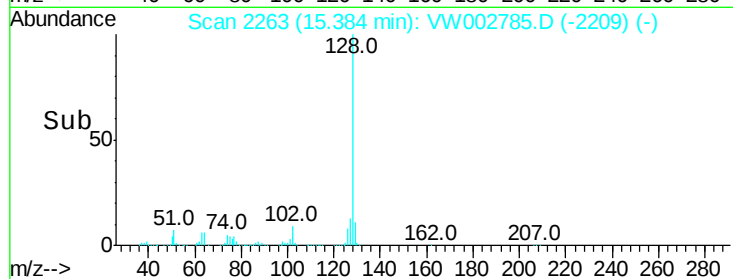
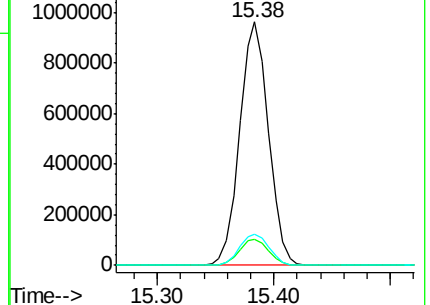
127 13.3 10.6 16.0



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: 107.65 ug/L

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW002785.D

Acq: 22 May 2018 11:33

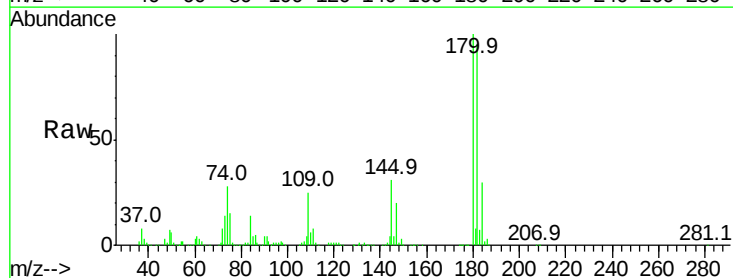
Tgt Ion:180 Resp: 657909

Ion Ratio Lower Upper

180 100

182 95.4 76.7 115.1

145 31.1 24.7 37.1



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

