

Data File : VV006041.D
Acq On : 25 May 2018 20:38
Operator : SY/MD
Sample : VSTD00561
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 00:54:02 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6355	4.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	4397	4.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12335	5.22	ug/L	0.00
21) 2-Butanone-d5	3.95	46	6998	9.60	ug/L	0.00
24) Chloroform-d	4.40	84	11800	4.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7956	5.04	ug/L	0.00
32) Benzene-d6	5.10	84	22021	4.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7272	5.13	ug/L	0.00
41) Toluene-d8	7.36	98	19532	4.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2763	4.03	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	4497	7.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9316	4.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7202	5.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	7336	4.54	ug/L	98
3) Chloromethane	1.26	50	10332	6.24	ug/L	99
5) Vinyl chloride	1.32	62	7999	5.19	ug/L	100
6) Bromomethane	1.52	94	4300	6.16	ug/L	95
8) Chloroethane	1.59	64	5039	5.71	ug/L	96
9) Trichlorofluoromethane	1.77	101	12250	5.80	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6736	5.64	ug/L	95
12) 1,1-Dichloroethene	2.14	96	6135	5.61	ug/L	95
13) Acetone	2.19	43	9566	13.39	ug/L	100
14) Carbon disulfide	2.32	76	18865	5.84	ug/L	97
15) Methyl Acetate	2.46	43	9027	6.00	ug/L	98
16) Methylene chloride	2.54	84	7833	6.01	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	6757	5.78	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	22349	5.61	ug/L	96
19) 1,1-Dichloroethane	3.23	63	13755	5.67	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	7871	5.54	ug/L	96
22) 2-Butanone	4.03	43	12100	11.37	ug/L	99
23) Bromochloromethane	4.30	128	3623	5.18	ug/L	96
25) Chloroform	4.43	83	14319	5.61	ug/L	96
27) 1,2-Dichloroethane	5.19	62	11535	5.59	ug/L	99
29) Cyclohexane	4.72	56	10905	5.26	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	12117	5.51	ug/L	99
31) Carbon tetrachloride	4.88	117	10150	5.27	ug/L	98
33) Benzene	5.15	78	28438	5.33	ug/L	100
34) Trichloroethene	5.96	95	7469	5.59	ug/L	96
35) Methylcyclohexane	6.18	83	10544	4.91	ug/L	96
37) 1,2-Dichloropropane	6.23	63	7606	5.37	ug/L	# 93
38) Bromodichloromethane	6.56	83	9691	5.26	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	10143	4.75	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	18377	9.51	ug/L	99

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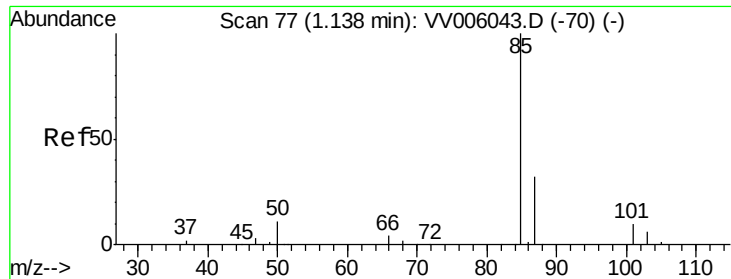
Quant Time: May 26 00:54:02 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	27482	4.89	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9438	4.66	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	7243	5.42	ug/L	99
46) Tetrachloroethene	8.02	164	5651	5.69	ug/L	96
48) 2-Hexanone	8.19	43	13832	9.39	ug/L	94
49) Dibromochloromethane	8.29	129	6939	4.76	ug/L	100
50) 1,2-Dibromoethane	8.40	107	7425	5.38	ug/L	98
51) Chlorobenzene	8.93	112	19760	5.45	ug/L	98
52) Ethylbenzene	9.06	91	30175	4.84	ug/L	98
53) m,p-Xylene	9.19	106	10751	4.62	ug/L	96
54) o-xylene	9.59	106	10230	4.37	ug/L	100
55) Styrene	9.61	104	17054	4.24	ug/L	98
56) Isopropylbenzene	9.98	105	27788	4.48	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	11469	5.17	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	9482	5.24	ug/L	99
61) Bromoform	9.78	173	4417	5.15	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	12864	5.51	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	14216	5.84	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	13894	5.47	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	2260	5.35	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	9073	5.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	6547	4.66	ug/L	98
69) Naphthalene	13.56	128	17615	3.71	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7521	4.85	ug/L	100

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

ALS Vial : 2 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 4.54 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006041.D

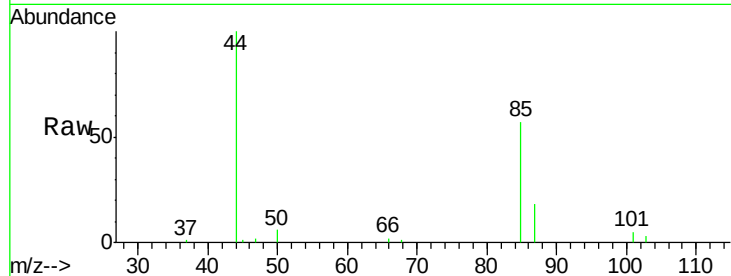
Acq: 25 May 2018 20:38

Tgt Ion: 85 Resp: 7336

Ion Ratio Lower Upper

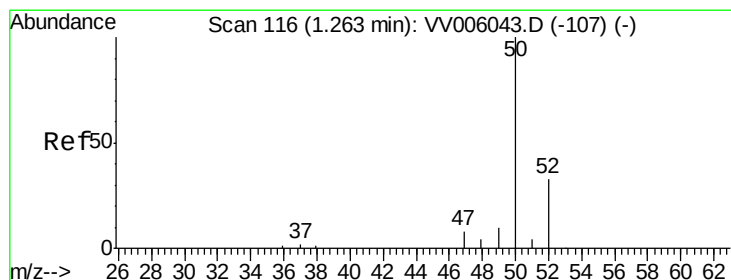
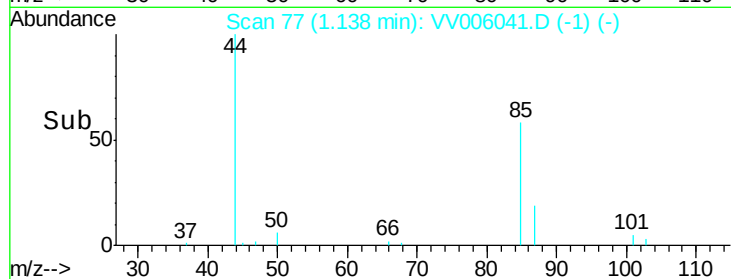
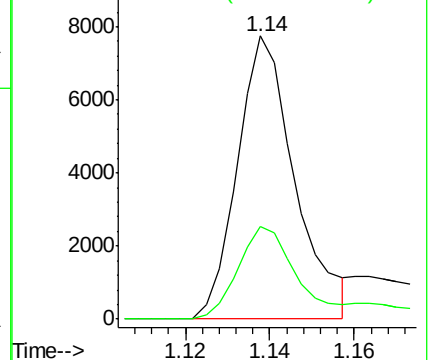
85 100

87 33.0 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 6.24 ug/L

RT: 1.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: VV006041.D

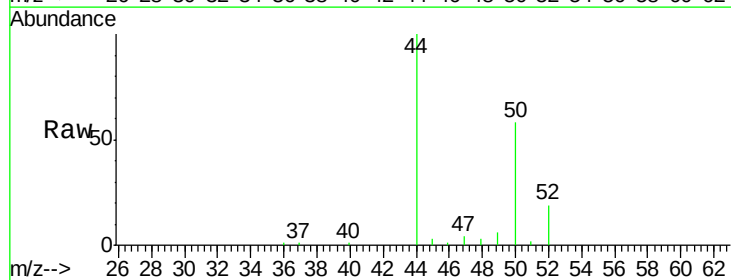
Acq: 25 May 2018 20:38

Tgt Ion: 50 Resp: 10332

Ion Ratio Lower Upper

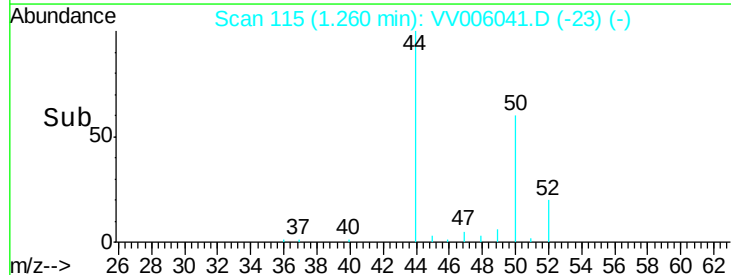
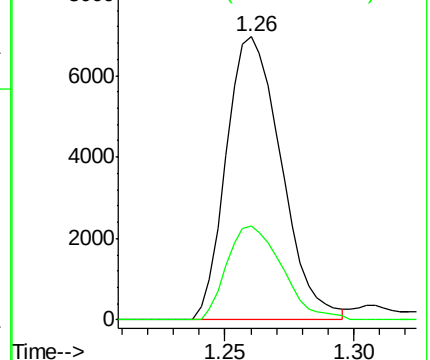
50 100

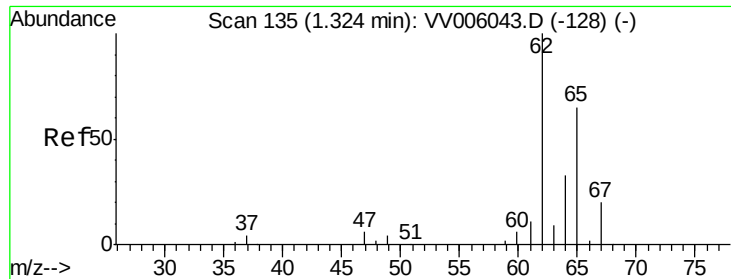
52 33.2 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 5.19 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006041.D

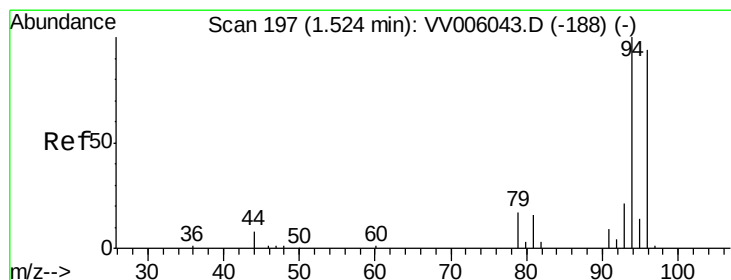
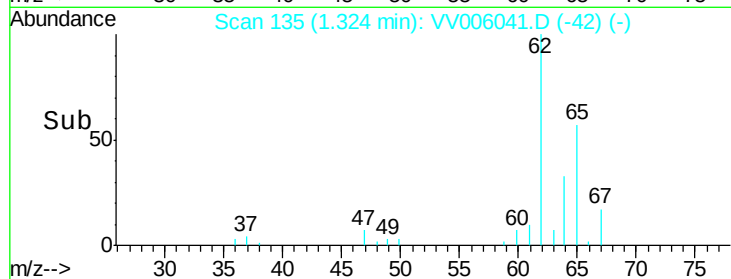
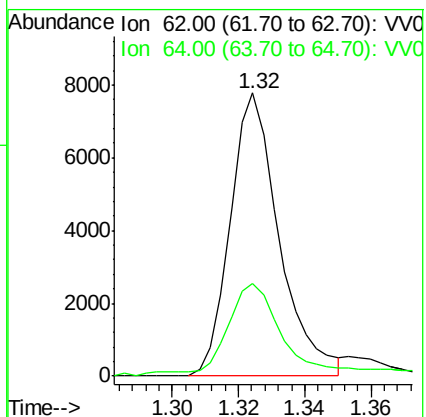
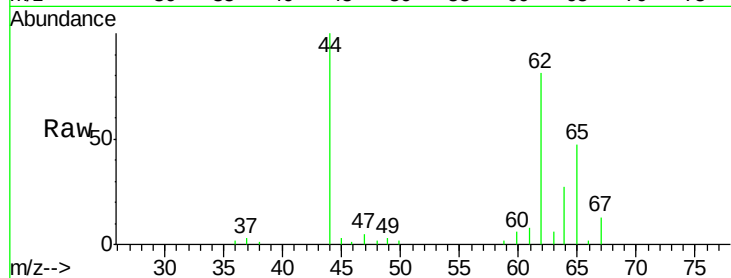
Acq: 25 May 2018 20:38

Tgt Ion: 62 Resp: 7999

Ion Ratio Lower Upper

62 100

64 32.8 23.1 42.9



#6

Bromomethane

Concen: 6.16 ug/L

RT: 1.52 min Scan# 197

Delta R.T. 0.00 min

Lab File: VV006041.D

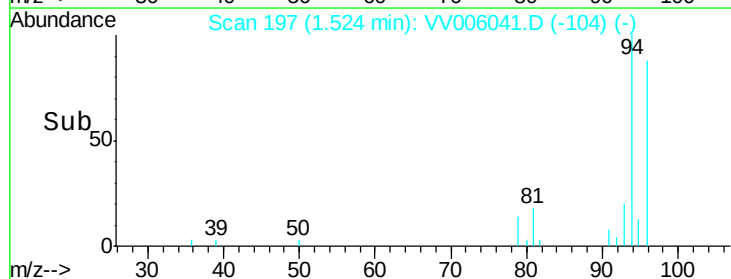
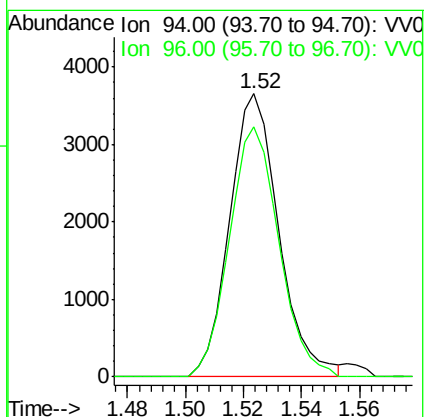
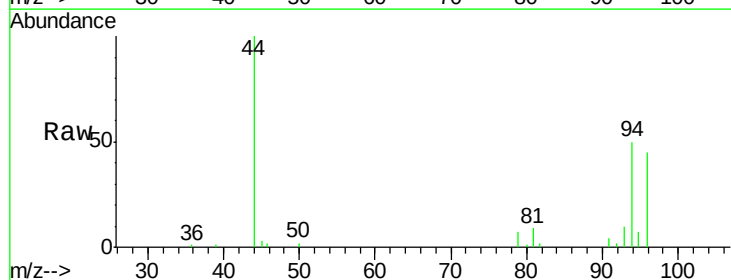
Acq: 25 May 2018 20:38

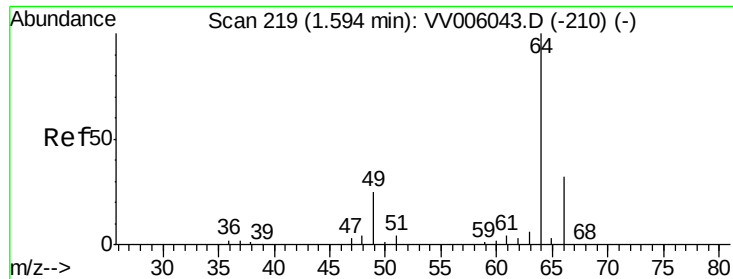
Tgt Ion: 94 Resp: 4300

Ion Ratio Lower Upper

94 100

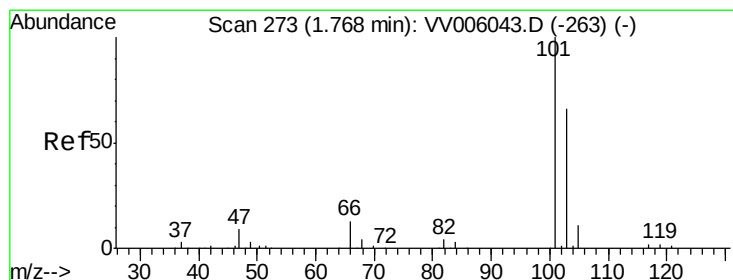
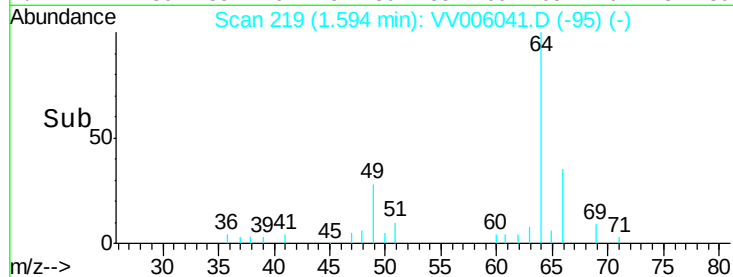
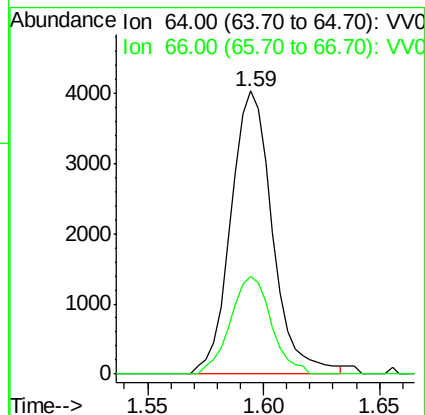
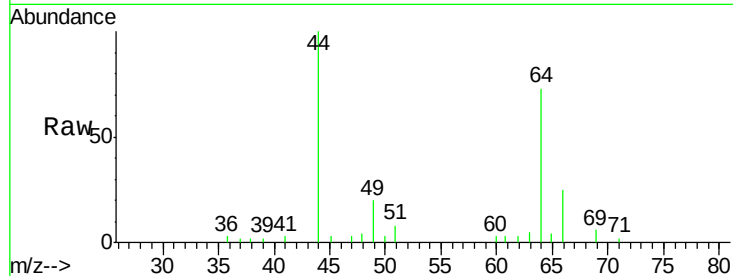
96 88.4 65.6 121.8





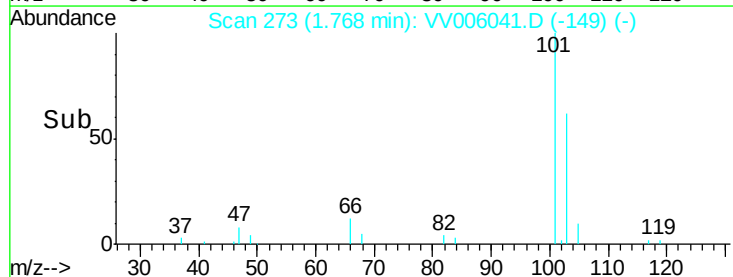
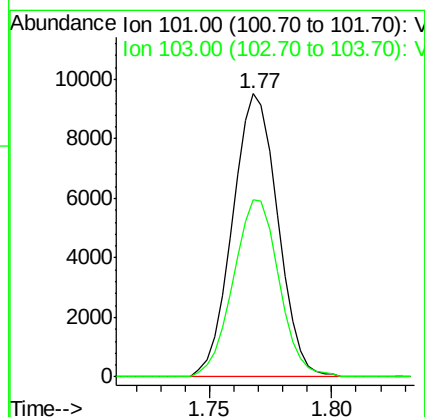
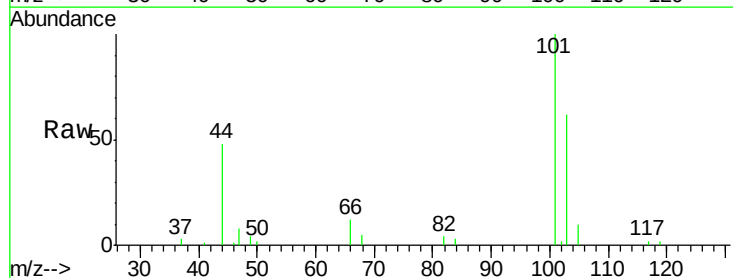
#8
 Chloroethane
 Concen: 5.71 ug/L
 RT: 1.59 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

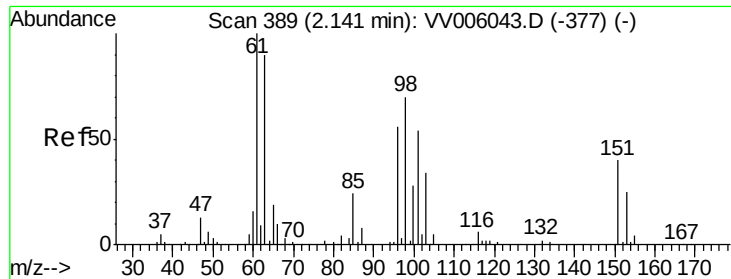
Tgt Ion: 64 Resp: 5039
 Ion Ratio Lower Upper
 64 100
 66 34.5 22.7 42.1



#9
 Trichlorofluoromethane
 Concen: 5.80 ug/L
 RT: 1.77 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion: 101 Resp: 12250
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 78.8





#10

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

Concen: 5.64 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

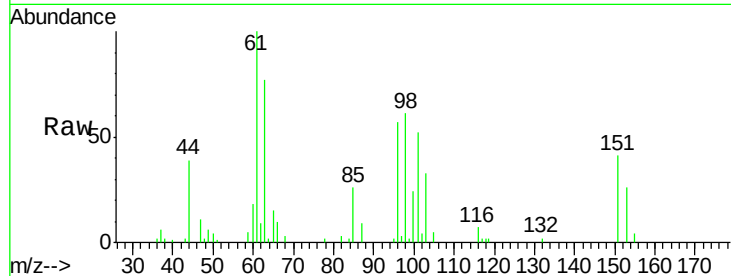
Tgt Ion: 101 Resp: 6736

Ion Ratio Lower Upper

101 100

85 48.3 35.5 53.3

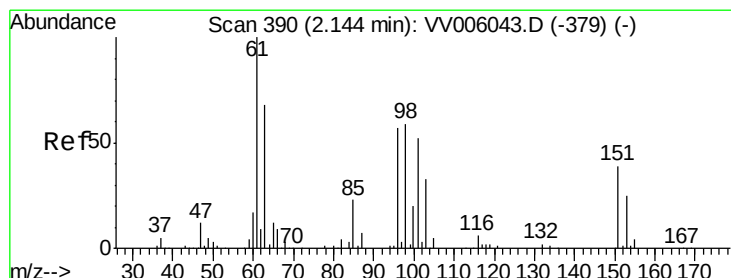
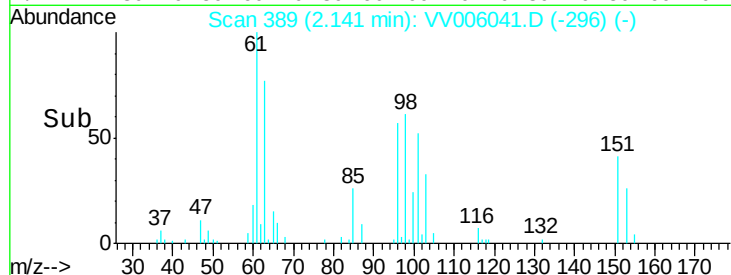
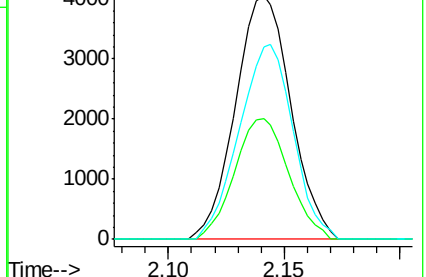
151 77.7 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): VV006041.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV006041.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV006041.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 5.61 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

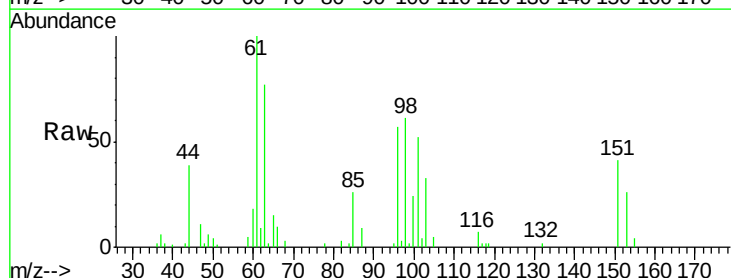
Tgt Ion: 96 Resp: 6135

Ion Ratio Lower Upper

96 100

61 176.9 122.5 227.5

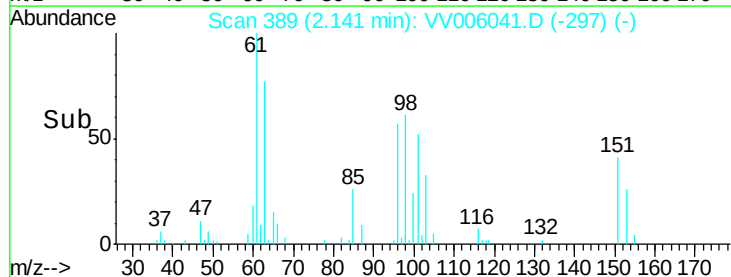
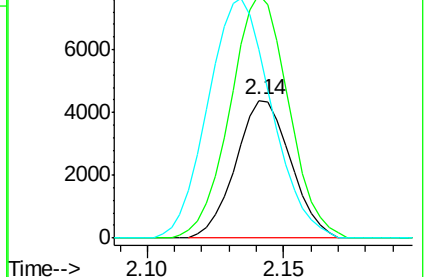
63 136.7 86.9 161.5

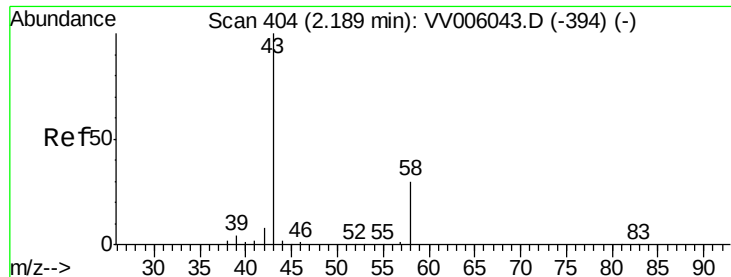


Abundance Ion 96.00 (95.70 to 96.70): VV006041.D (-297) (-)

Ion 61.00 (60.70 to 61.70): VV006041.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006041.D (-297) (-)





#13

Acetone

Concen: 13.39 ug/L

RT: 2.19 min Scan# 404

Delta R.T. 0.00 min

Lab File: VV006041.D

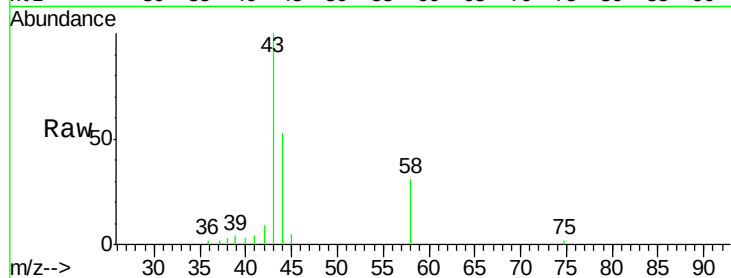
Acq: 25 May 2018 20:38

Tgt Ion: 43 Resp: 9566

Ion Ratio Lower Upper

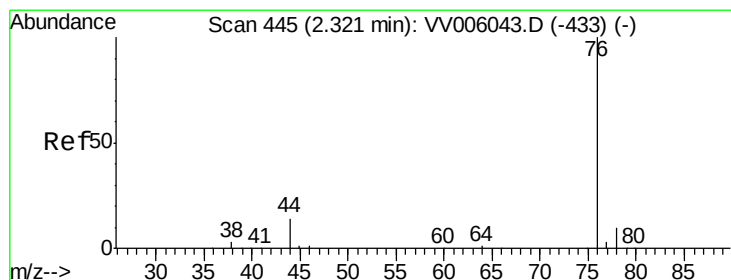
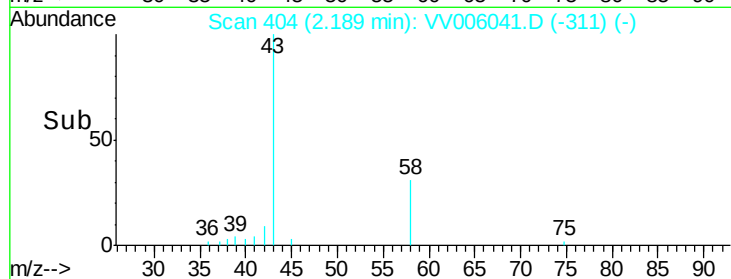
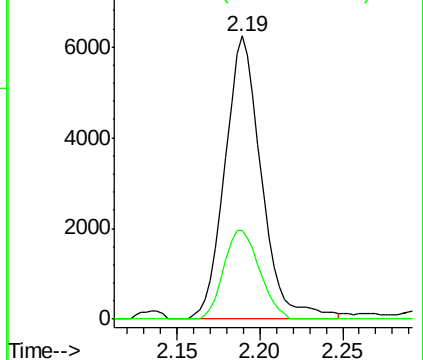
43 100

58 30.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV006041.D (-311) (-)

Ion 58.00 (57.70 to 58.70): VV006041.D (-311) (-)



#14

Carbon disulfide

Concen: 5.84 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006041.D

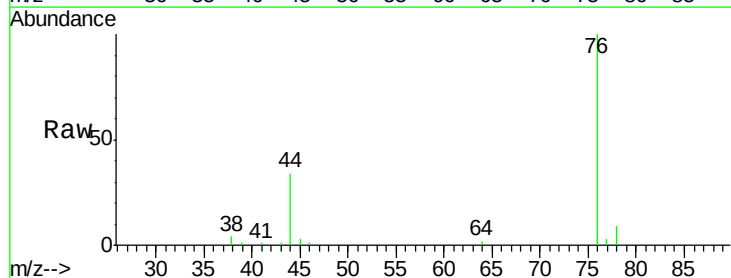
Acq: 25 May 2018 20:38

Tgt Ion: 76 Resp: 18865

Ion Ratio Lower Upper

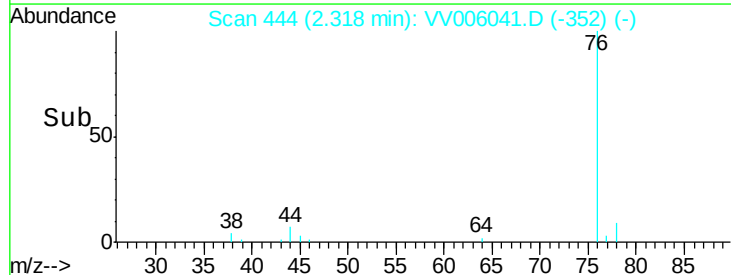
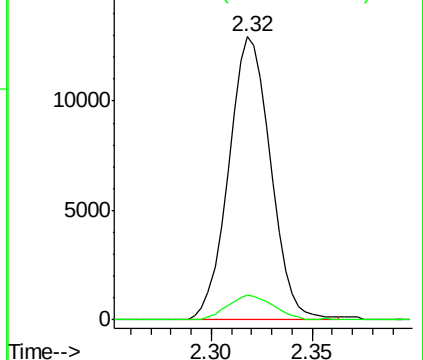
76 100

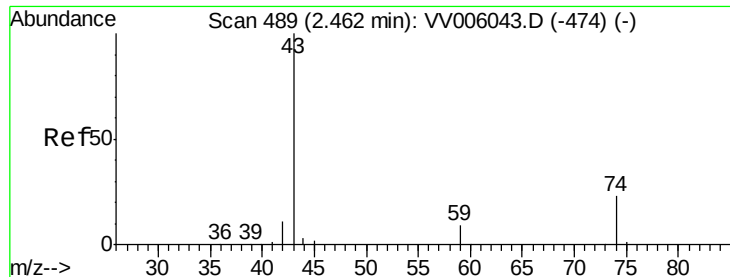
78 8.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV006041.D (-352) (-)

Ion 78.00 (77.70 to 78.70): VV006041.D (-352) (-)





#15

Methyl Acetate

Concen: 6.00 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006041.D

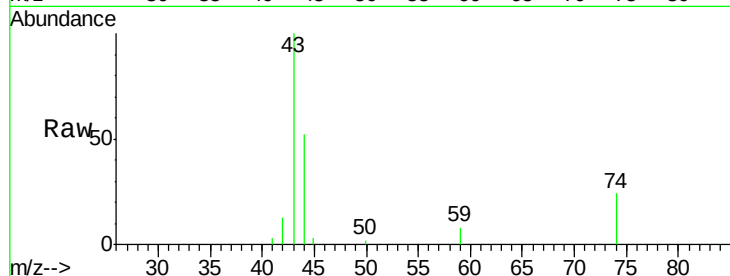
Acq: 25 May 2018 20:38

Tgt Ion: 43 Resp: 9027

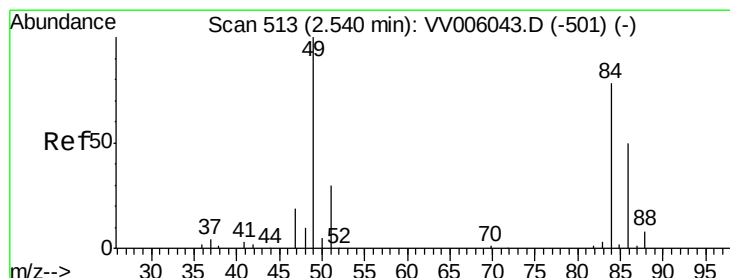
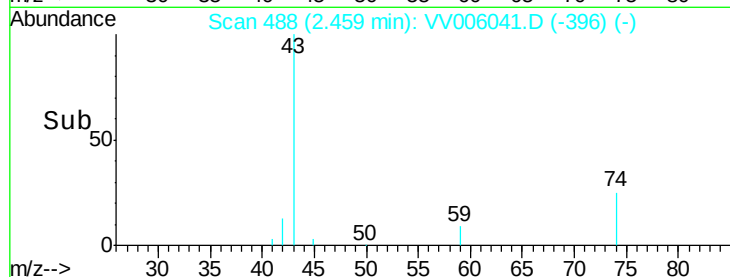
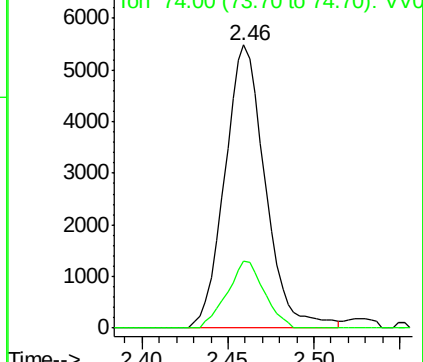
Ion Ratio Lower Upper

43 100

74 21.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV006041.D (-396) (-)



#16

Methylene chloride

Concen: 6.01 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

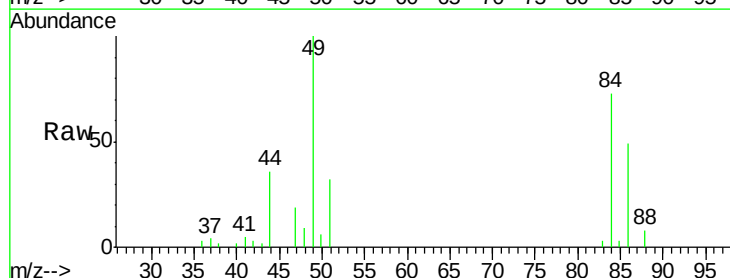
Tgt Ion: 84 Resp: 7833

Ion Ratio Lower Upper

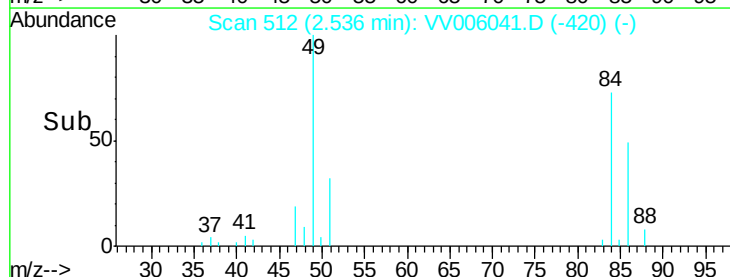
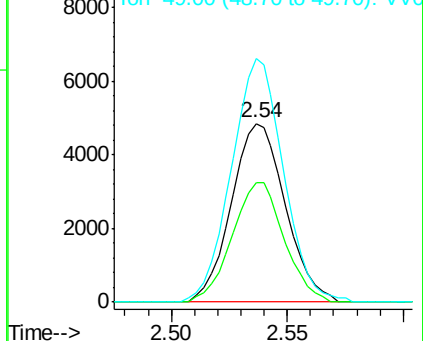
84 100

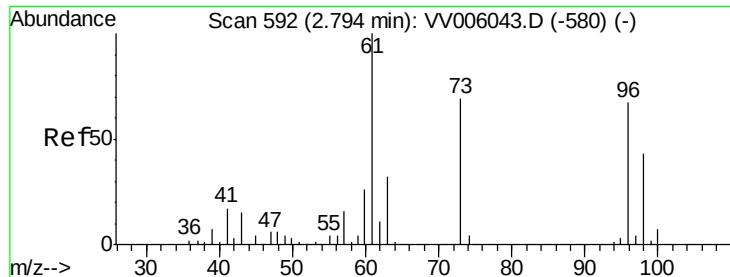
86 67.3 45.1 83.7

49 136.4 90.2 167.6



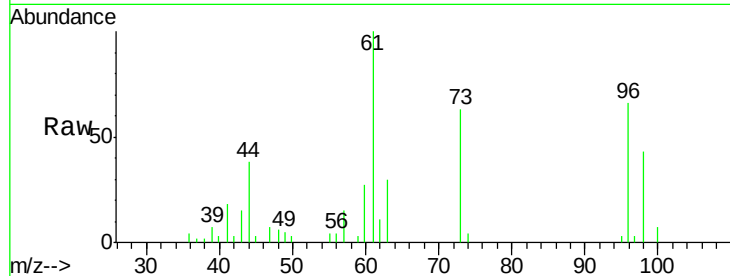
Abundance Ion 84.00 (83.70 to 84.70): VV006041.D (-420) (-)



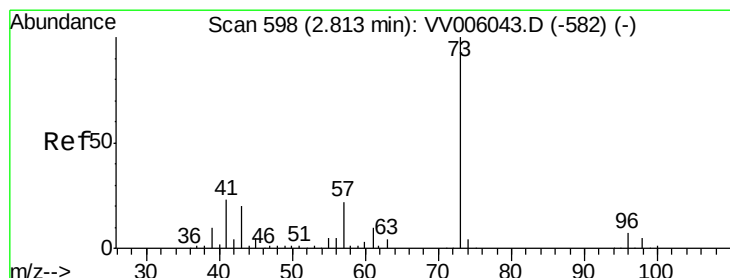
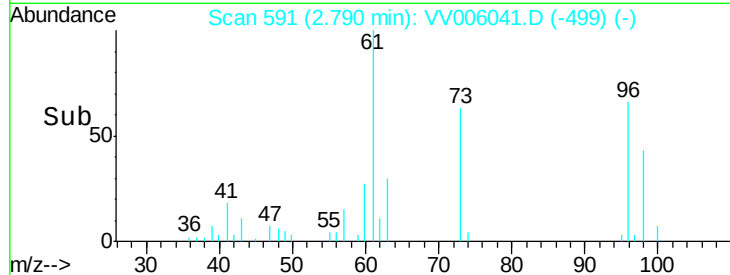
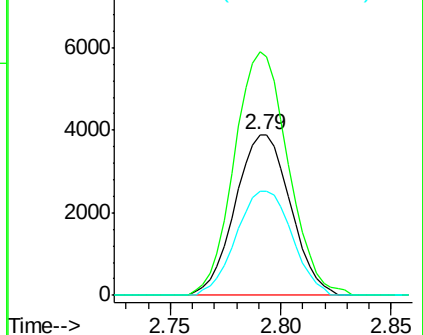


#17
trans-1,2-Dichloroethene
Concen: 5.78 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion: 96 Resp: 6757
Ion Ratio Lower Upper
96 100
61 151.6 104.9 194.7
98 64.8 44.9 83.3

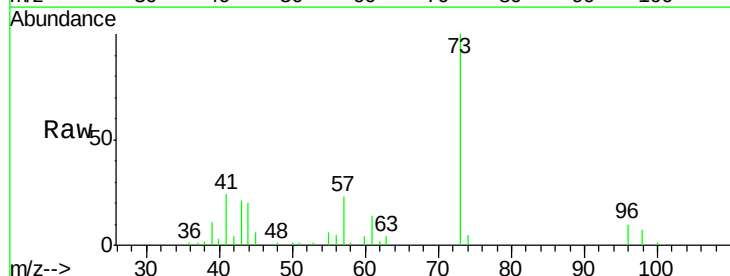


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

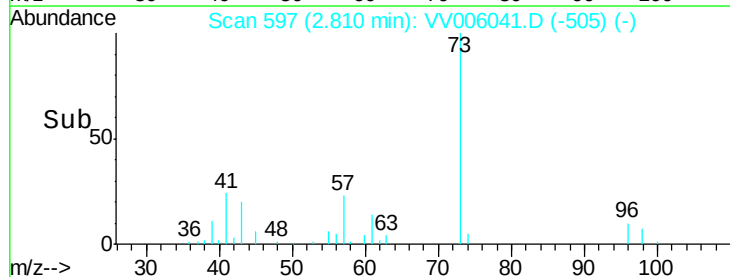
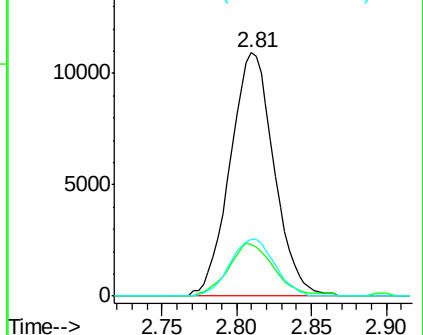


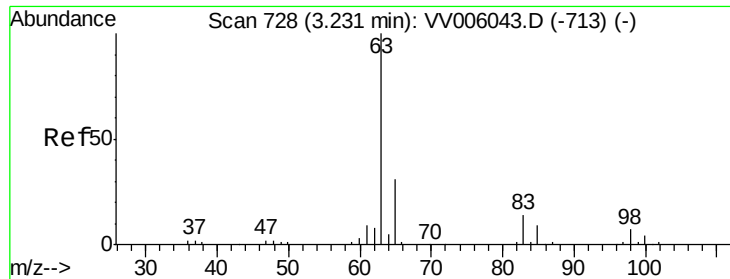
#18
Methyl tert-butyl Ether
Concen: 5.61 ug/L
RT: 2.81 min Scan# 597
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion: 73 Resp: 22349
Ion Ratio Lower Upper
73 100
43 22.1 16.2 24.2
57 23.8 17.8 26.8



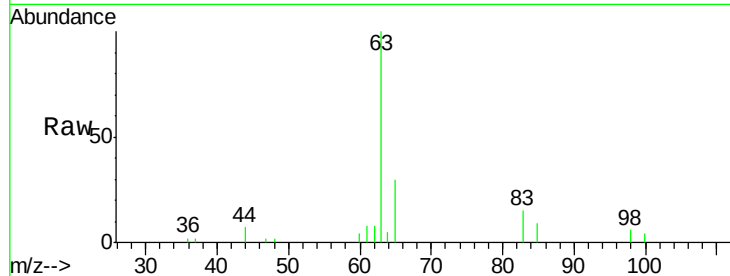
Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0



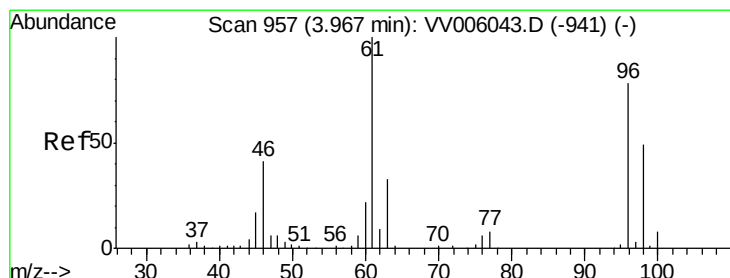
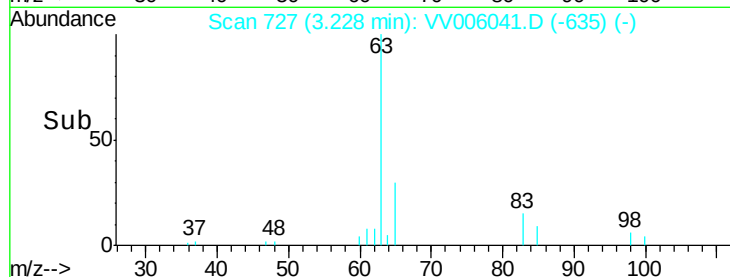
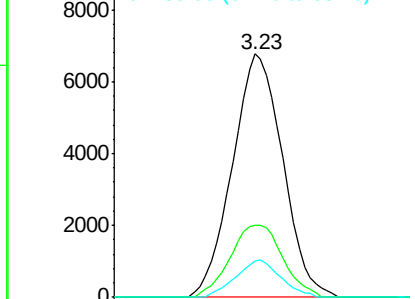


#19
 1,1-Dichloroethane
 Concen: 5.67 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion: 63 Resp: 13755
 Ion Ratio Lower Upper
 63 100
 65 29.7 21.9 40.7
 83 14.8 9.9 18.5

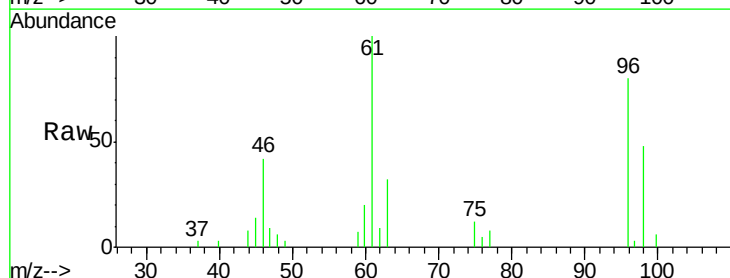


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

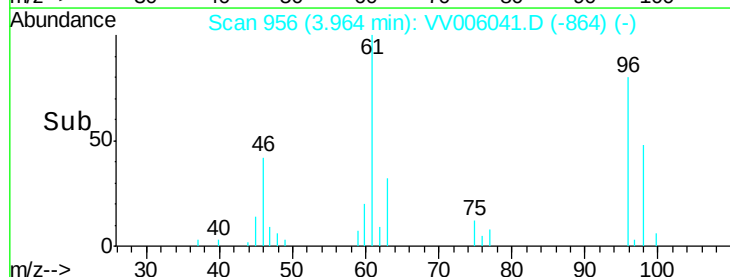
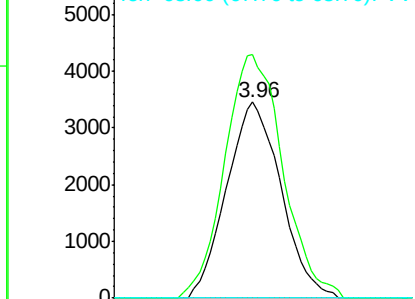


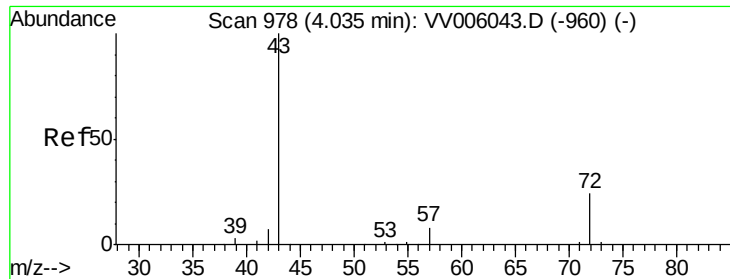
#20
 cis-1,2-Dichloroethene
 Concen: 5.54 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion: 96 Resp: 7871
 Ion Ratio Lower Upper
 96 100
 61 124.3 89.9 167.0
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 11.37 ug/L

RT: 4.03 min Scan# 978

Delta R.T. 0.00 min

Lab File: VV006041.D

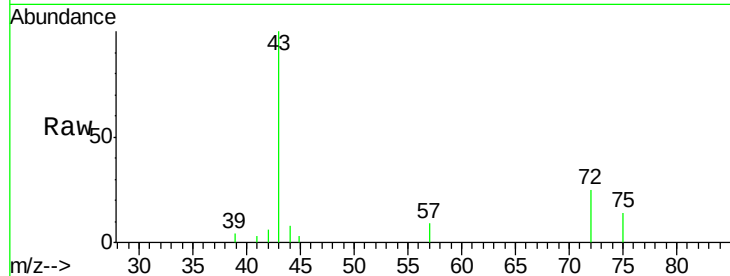
Acq: 25 May 2018 20:38

Tgt Ion: 43 Resp: 12100

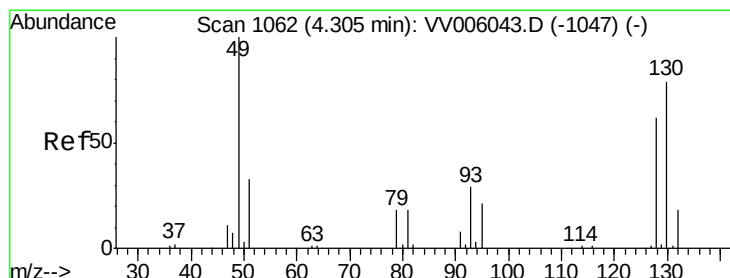
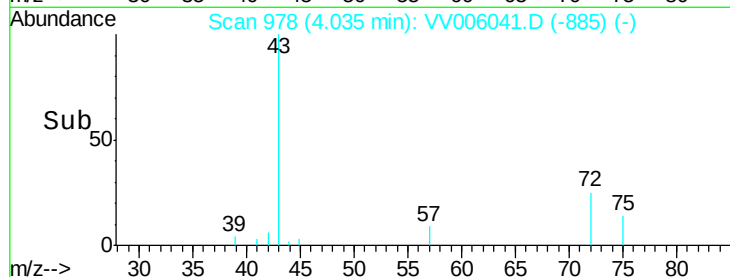
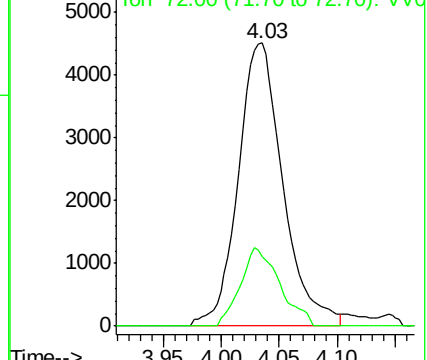
Ion Ratio Lower Upper

43 100

72 24.2 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV006041.D (-885) (-)



#23

Bromochloromethane

Concen: 5.18 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

Tgt Ion: 128 Resp: 3623

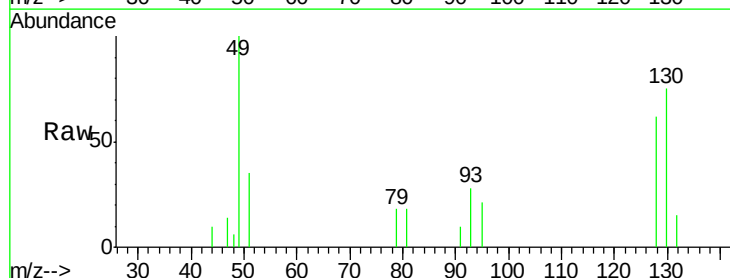
Ion Ratio Lower Upper

128 100

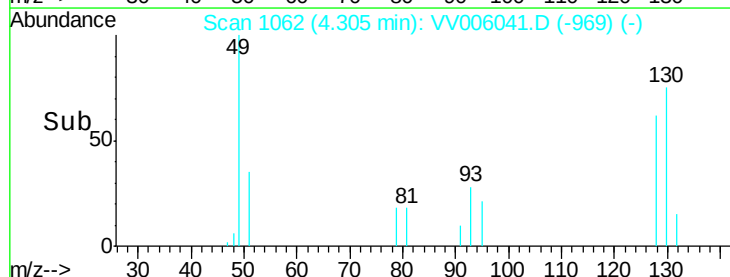
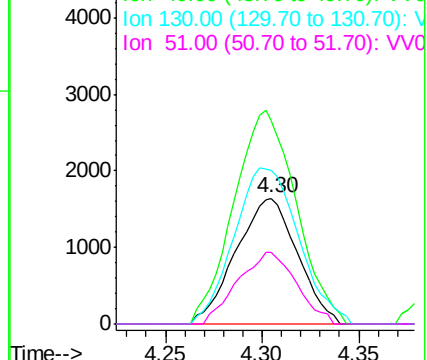
49 161.5 114.0 211.8

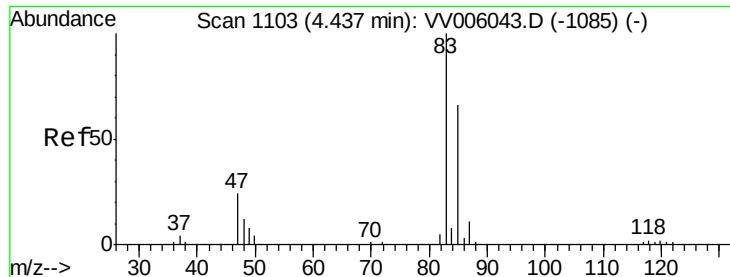
130 121.7 90.0 167.2

51 56.9 42.1 63.1



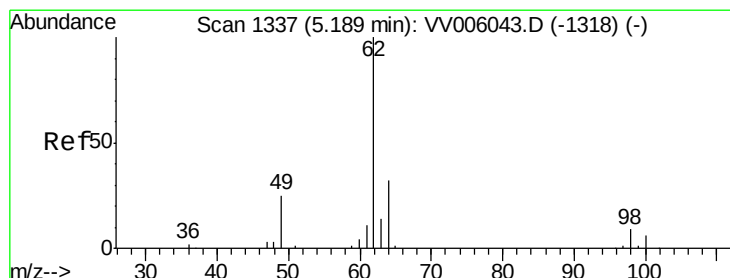
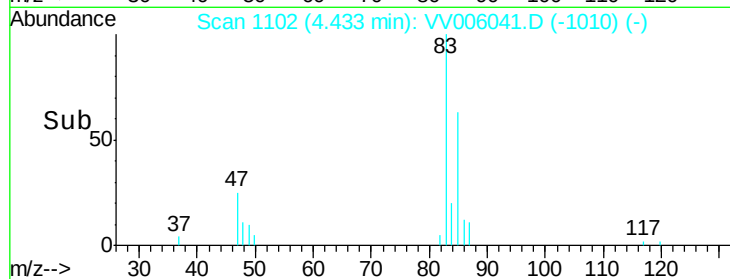
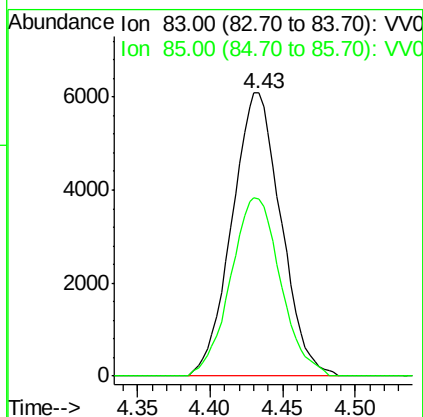
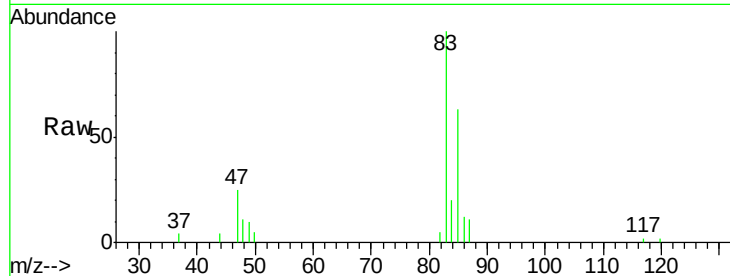
Abundance Ion 128.00 (127.70 to 128.70): VV006041.D (-969) (-)





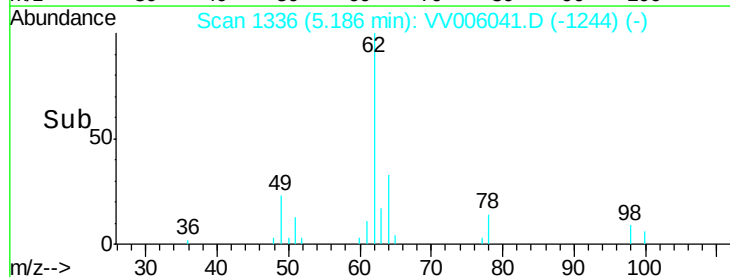
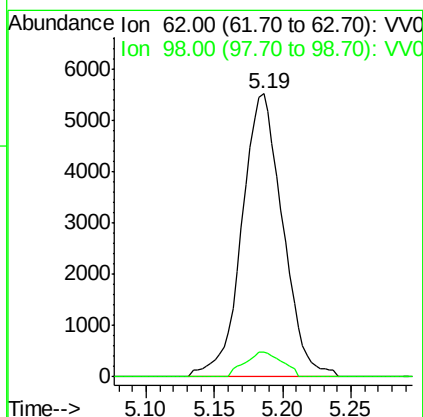
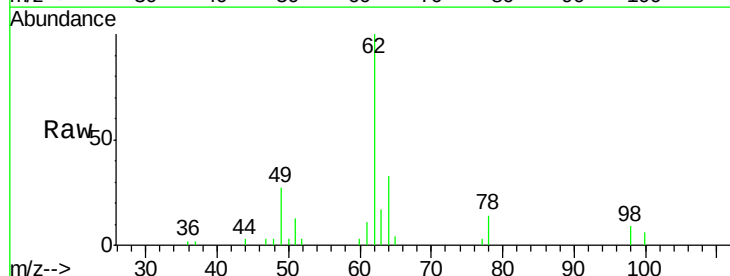
#25
Chloroform
Concen: 5.61 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

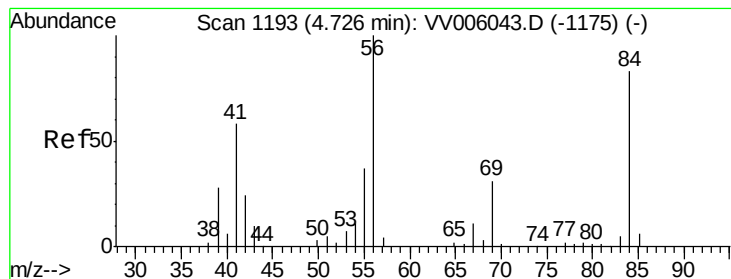
Tgt Ion: 83 Resp: 14319
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 5.59 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion: 62 Resp: 11535
Ion Ratio Lower Upper
62 100
98 8.8 7.3 10.9





#29

Cyclohexane

Concen: 5.26 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

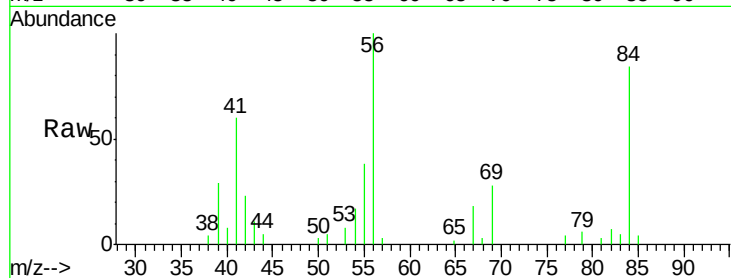
Tgt Ion: 56 Resp: 10905

Ion Ratio Lower Upper

56 100

69 28.4 24.4 36.6

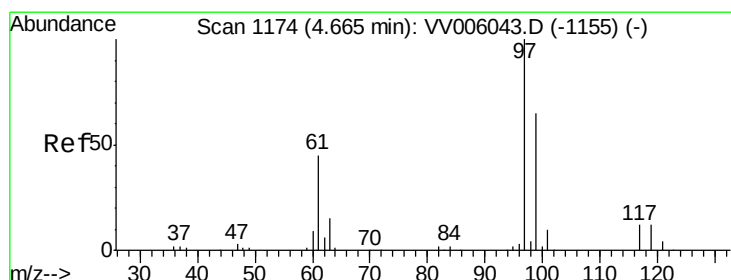
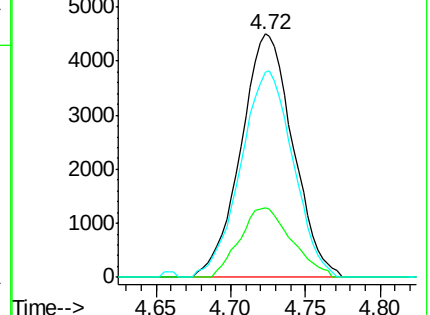
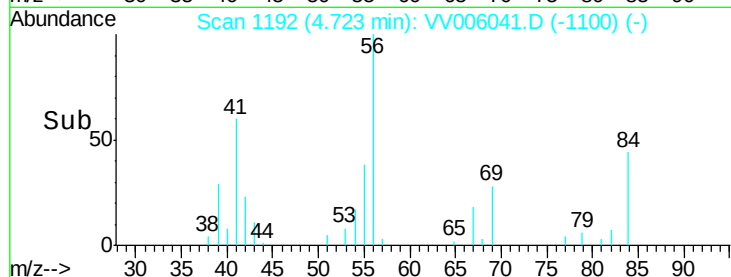
84 85.4 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VV006041.D (-1100) (-)

Ion 69.00 (68.70 to 69.70): VV006041.D (-1100) (-)

Ion 84.00 (83.70 to 84.70): VV006041.D (-1100) (-)



#30

1,1,1-Trichloroethane

Concen: 5.51 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.01 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

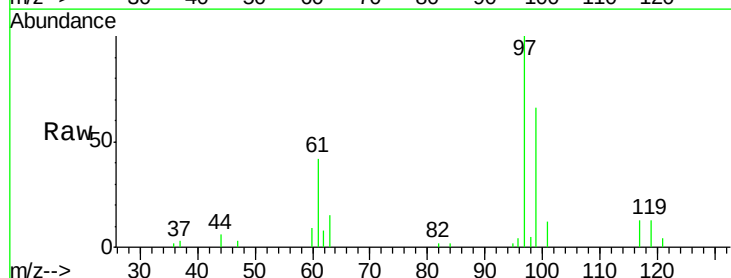
Tgt Ion: 97 Resp: 12117

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

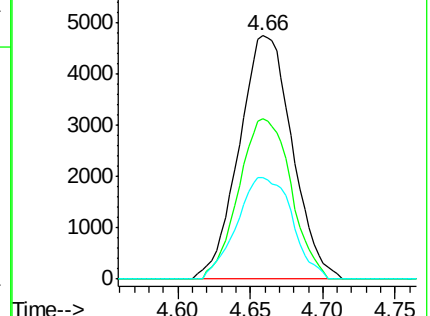
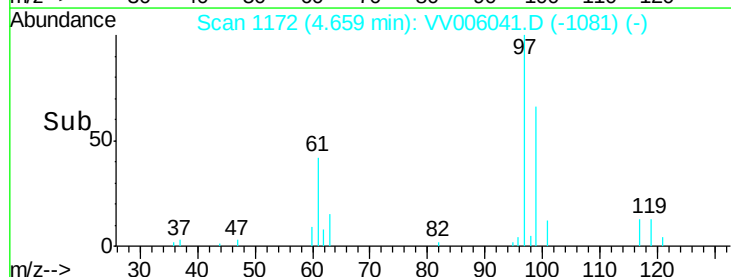
61 43.3 36.0 54.0

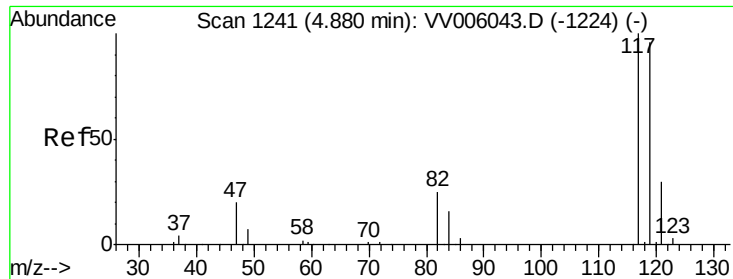


Abundance Ion 97.00 (96.70 to 97.70): VV006041.D (-1081) (-)

Ion 99.00 (98.70 to 99.70): VV006041.D (-1081) (-)

Ion 61.05 (60.75 to 61.75): VV006041.D (-1081) (-)





#31

Carbon tetrachloride

Concen: 5.27 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006041.D

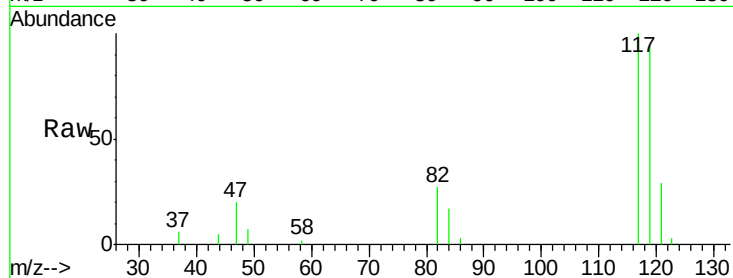
Acq: 25 May 2018 20:38

Tgt Ion: 117 Resp: 10150

Ion Ratio Lower Upper

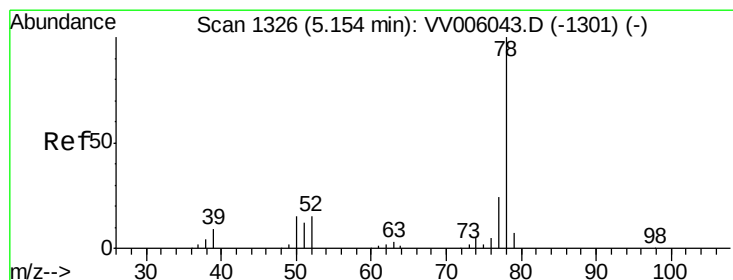
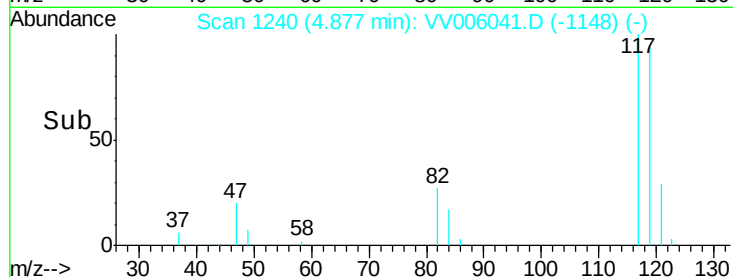
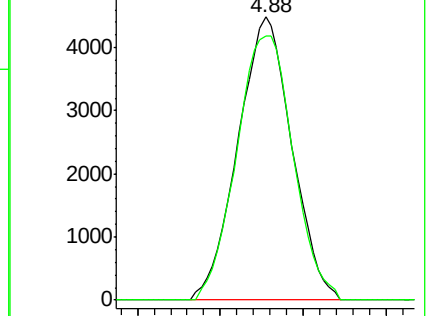
117 100

119 97.9 77.0 115.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 5.33 ug/L

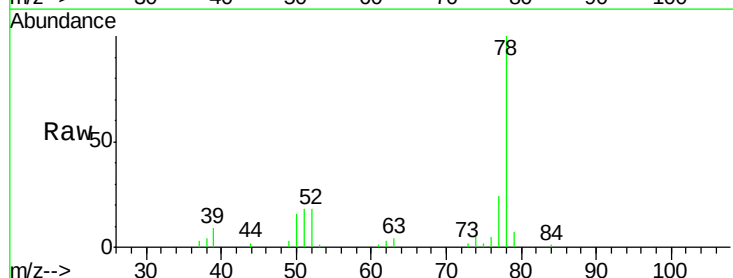
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

Tgt Ion: 78 Resp: 28438



Abundance Ion 78.00 (77.70 to 78.70): VV0

15000

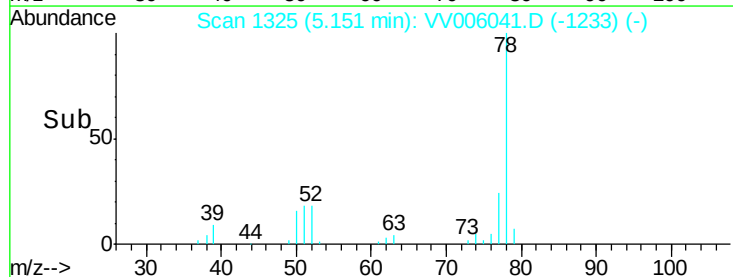
10000

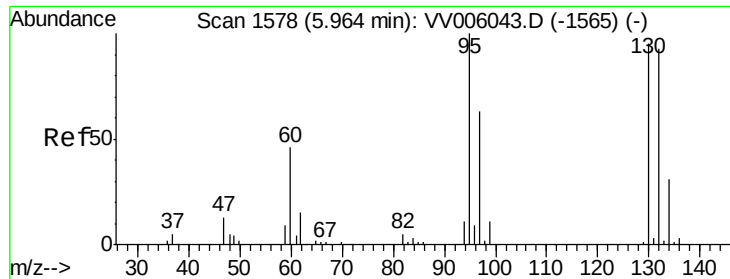
5000

0

Time-->

5.05 5.10 5.15 5.20





#34

Trichloroethene

Concen: 5.59 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

Tgt Ion: 95 Resp: 7469

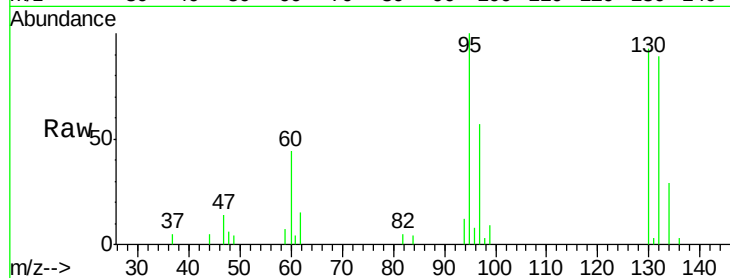
Ion Ratio Lower Upper

95 100

97 57.1 44.0 81.6

132 89.2 65.0 120.6

130 92.6 66.6 123.8

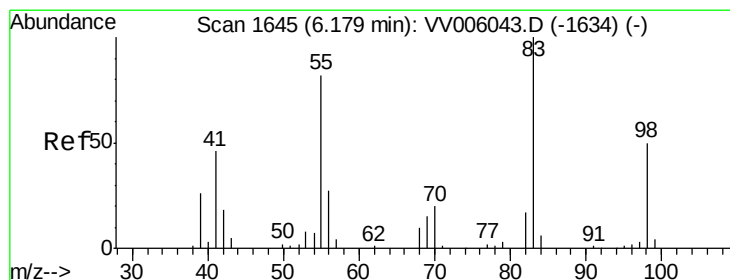
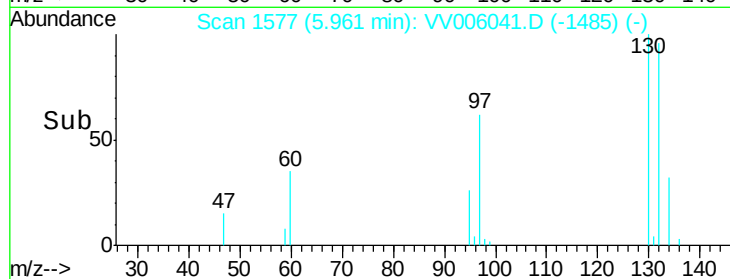
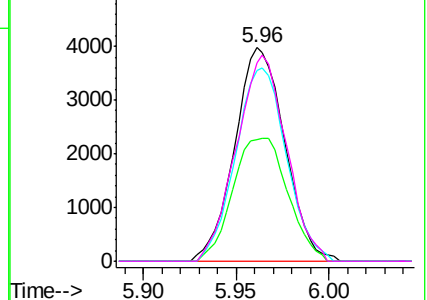


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 4.91 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

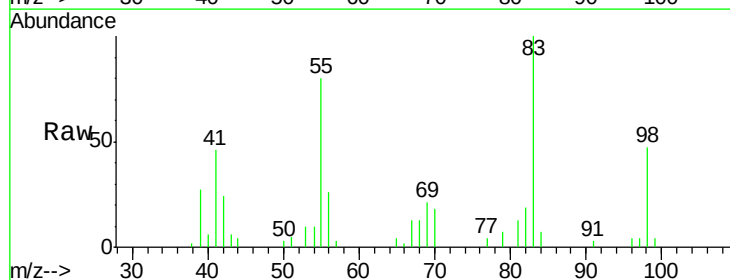
Tgt Ion: 83 Resp: 10544

Ion Ratio Lower Upper

83 100

55 83.6 63.1 94.7

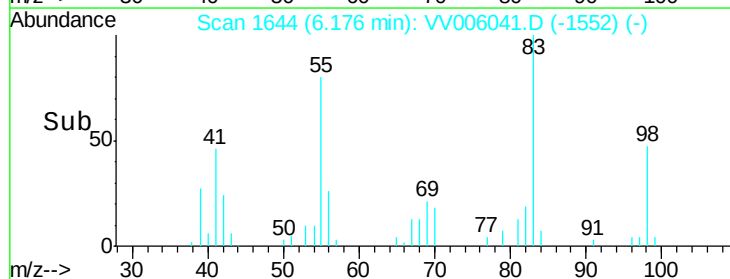
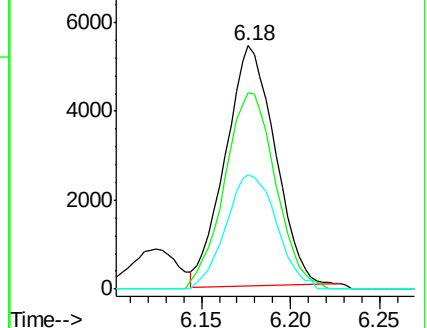
98 48.5 37.8 56.8

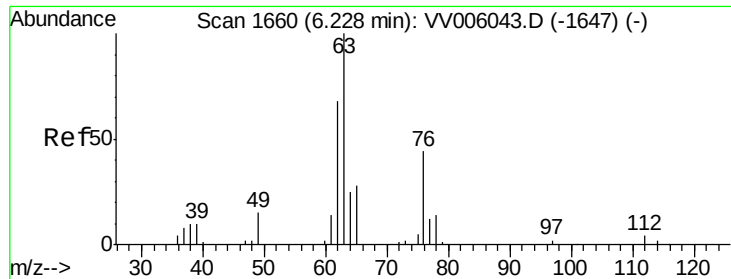


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

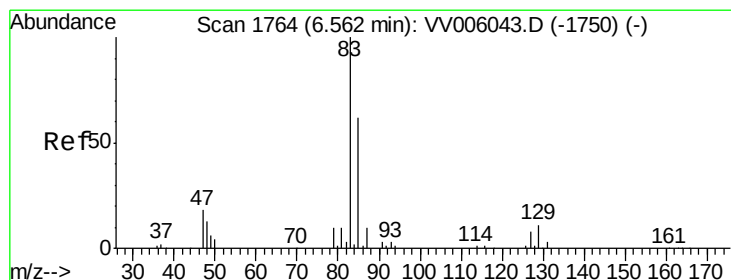
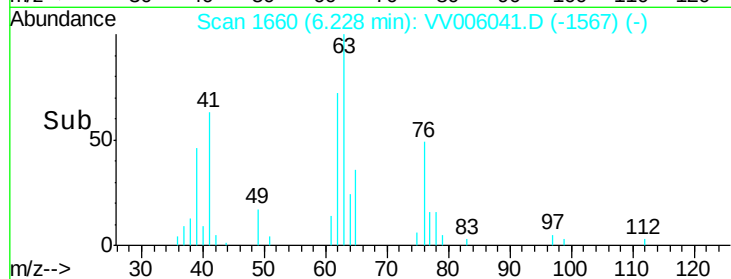
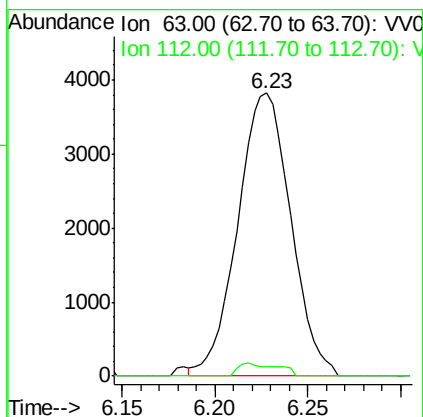
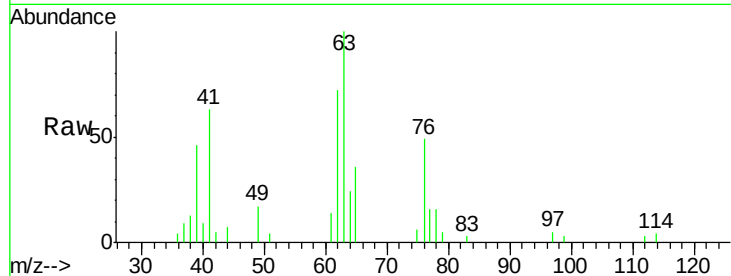
Ion 98.00 (97.70 to 98.70): VV0





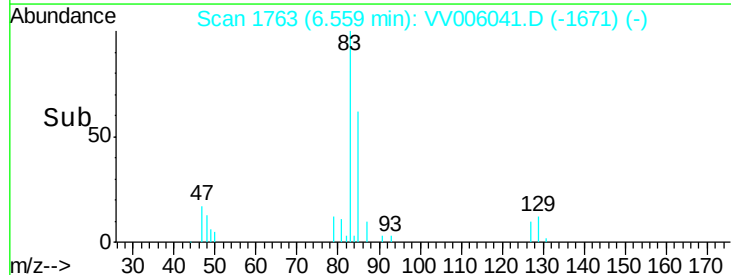
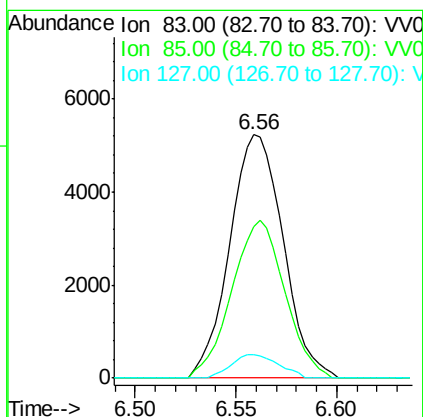
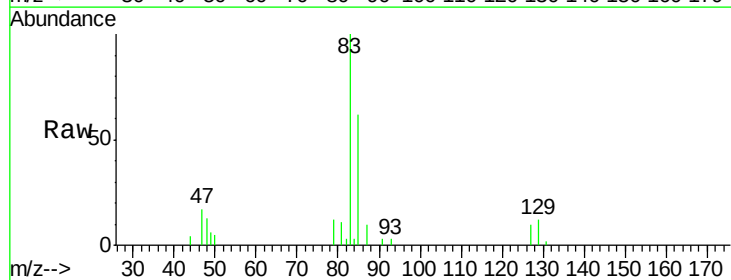
#37
 1,2-Dichloropropane
 Concen: 5.37 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

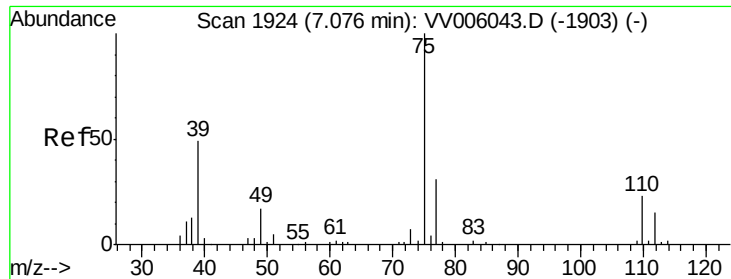
Tgt Ion: 63 Resp: 7606
 Ion Ratio Lower Upper
 63 100
 112 2.1 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 5.26 ug/L
 RT: 6.56 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

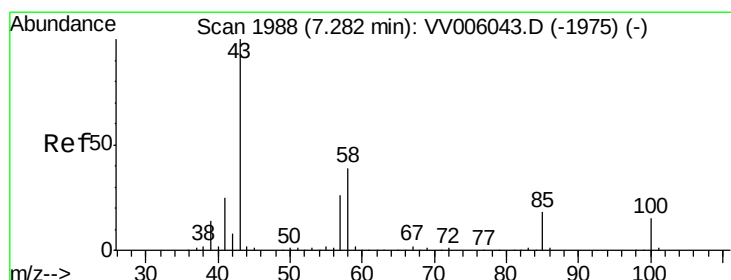
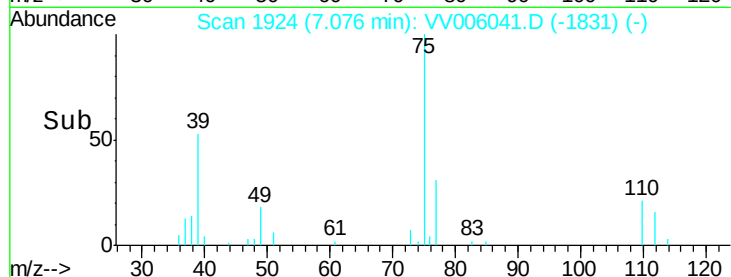
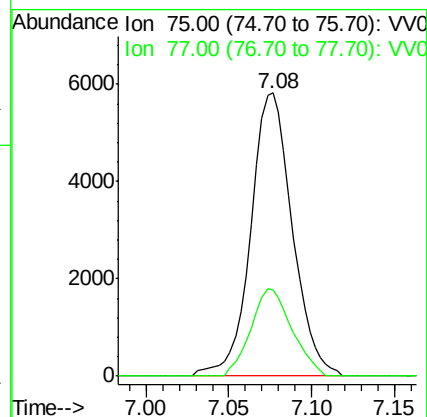
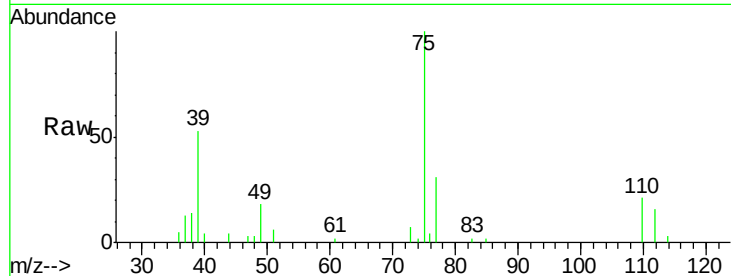
Tgt Ion: 83 Resp: 9691
 Ion Ratio Lower Upper
 83 100
 85 62.1 43.7 81.1
 127 9.6 6.6 10.0





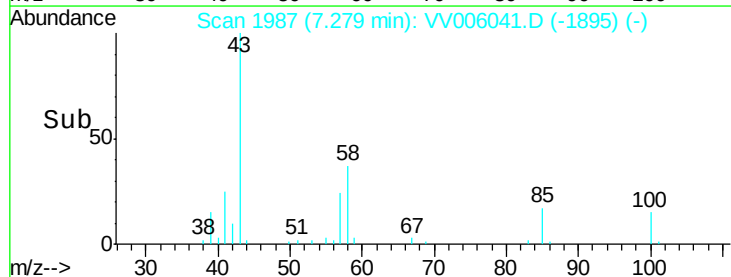
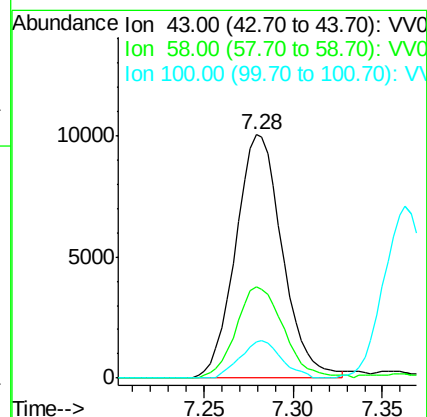
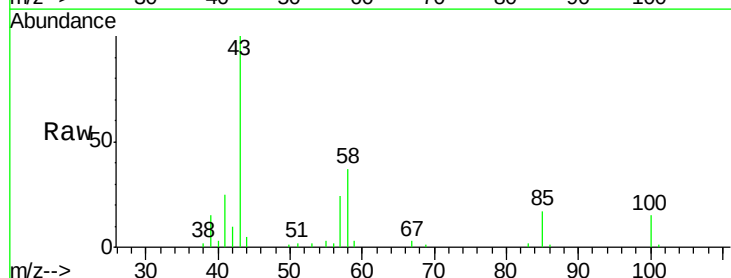
#39
 cis-1,3-Dichloropropene
 Concen: 4.75 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

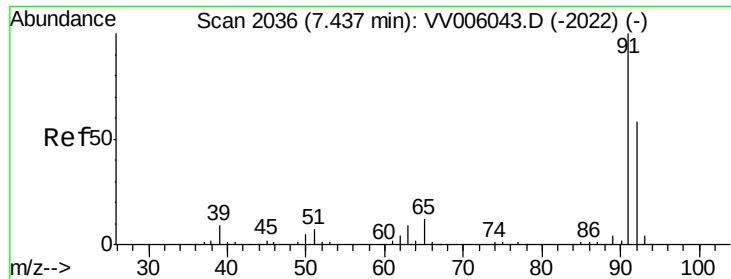
Tgt Ion: 75 Resp: 10143
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 9.51 ug/L
 RT: 7.28 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion: 43 Resp: 18377
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.7 46.1
 100 13.6 12.1 18.1





#42

Toluene

Concen: 4.89 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006041.D

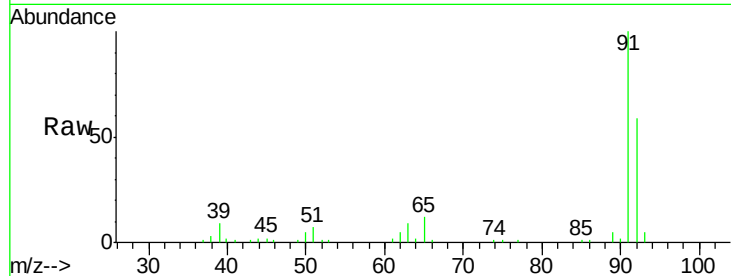
Acq: 25 May 2018 20:38

Tgt Ion: 91 Resp: 27482

Ion Ratio Lower Upper

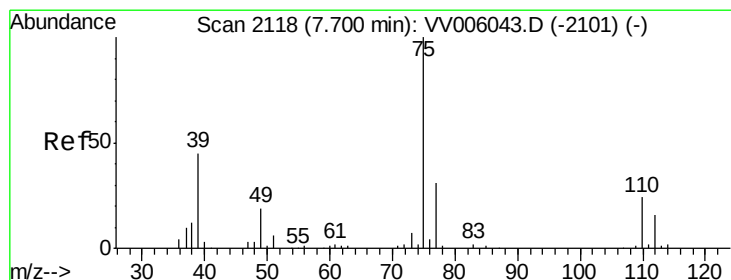
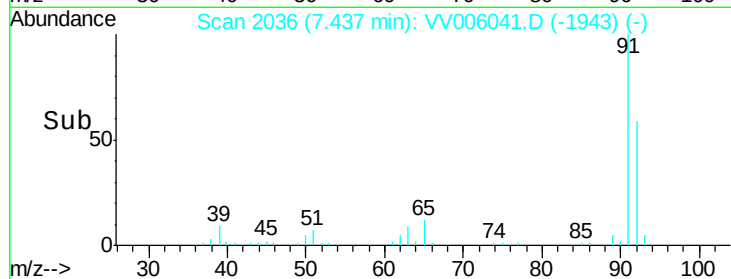
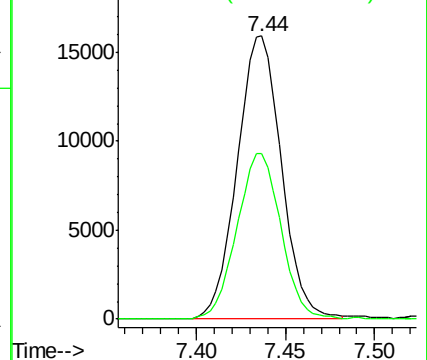
91 100

92 58.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 4.66 ug/L

RT: 7.70 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VV006041.D

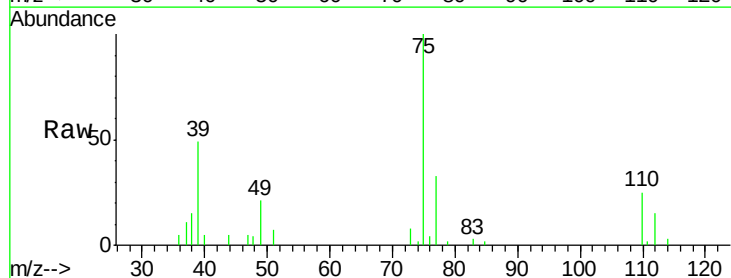
Acq: 25 May 2018 20:38

Tgt Ion: 75 Resp: 9438

Ion Ratio Lower Upper

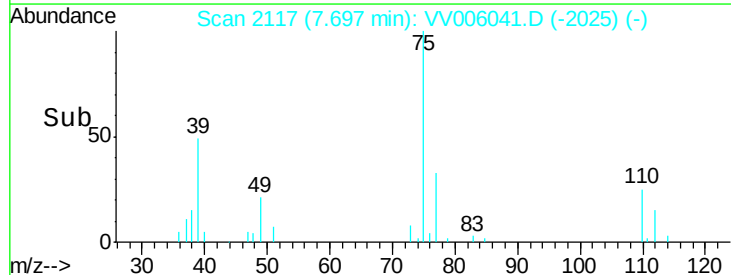
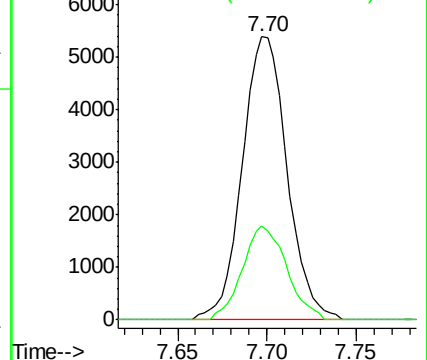
75 100

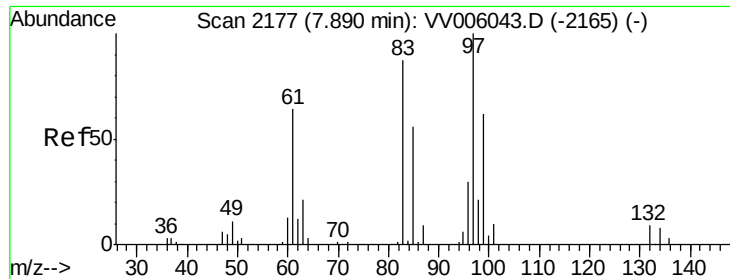
77 33.0 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

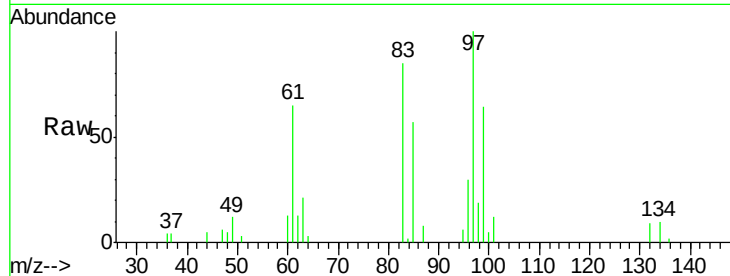
Ion 77.00 (76.70 to 77.70): VV0





#45
 1,1,2-Trichloroethane
 Concen: 5.42 ug/L
 RT: 7.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion:	97	Resp:	7243
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.6	81.0
83	85.0	60.7	112.7
85	56.6	39.3	72.9

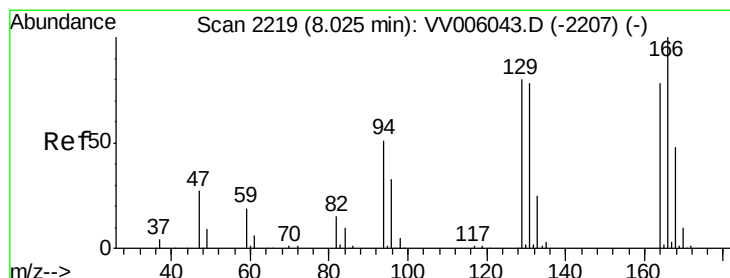
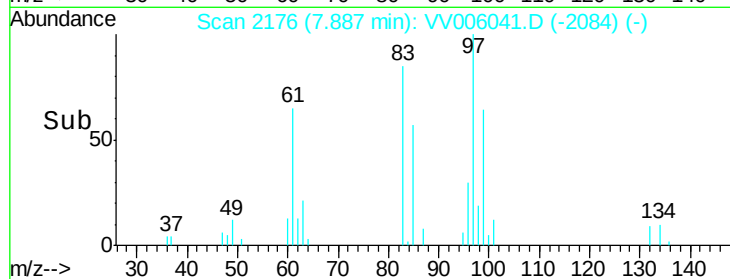
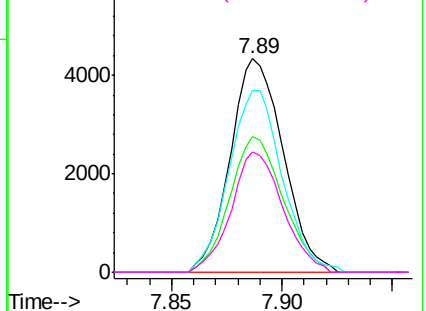


Abundance Ion 97.00 (96.70 to 97.70): VV006041.D (-2176) (-)

Ion 99.00 (98.70 to 99.70): VV006041.D (-2176) (-)

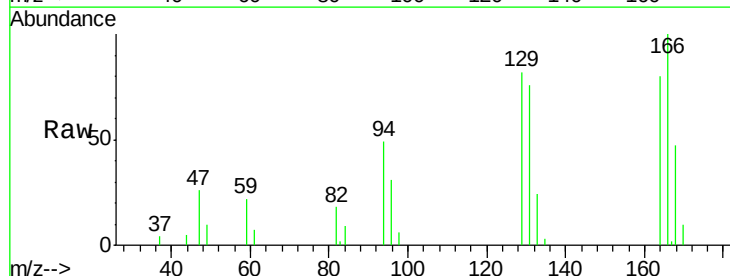
Ion 83.00 (82.70 to 83.70): VV006041.D (-2176) (-)

Ion 85.00 (84.70 to 85.70): VV006041.D (-2176) (-)



#46
 Tetrachloroethene
 Concen: 5.69 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion:	164	Resp:	5651
Ion	Ratio	Lower	Upper
164	100		
129	101.8	72.2	134.2
131	93.9	70.0	130.0
166	124.4	90.4	167.8

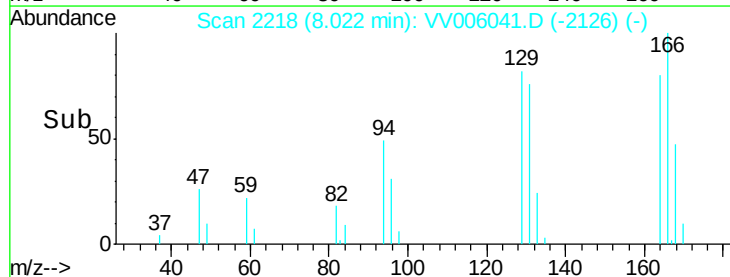
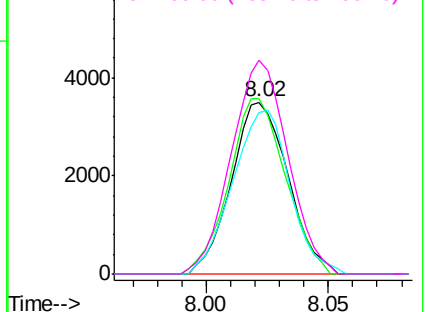


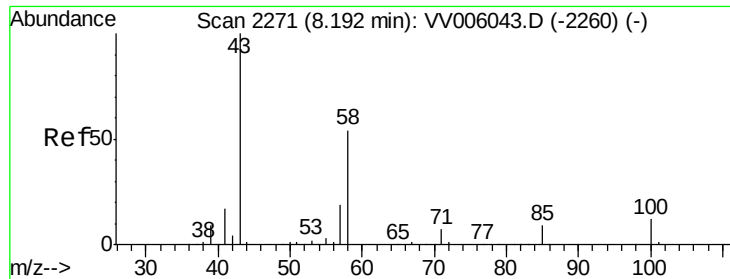
Abundance Ion 164.00 (163.70 to 164.70): VV006041.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VV006041.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VV006041.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VV006041.D (-2218) (-)

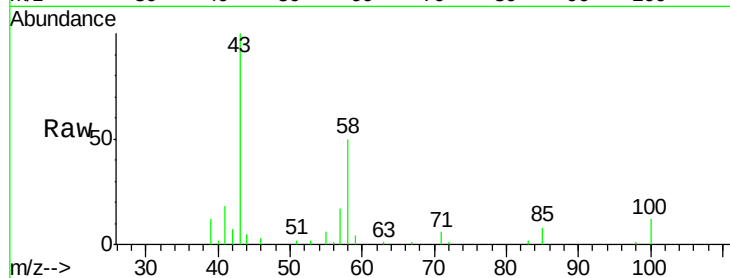




#48
2-Hexanone
Concen: 9.39 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion: 43 Resp: 13832

Ion	Ratio	Lower	Upper
43	100		
58	51.9	45.4	68.2
57	17.4	15.9	23.9
100	10.2	9.8	14.6

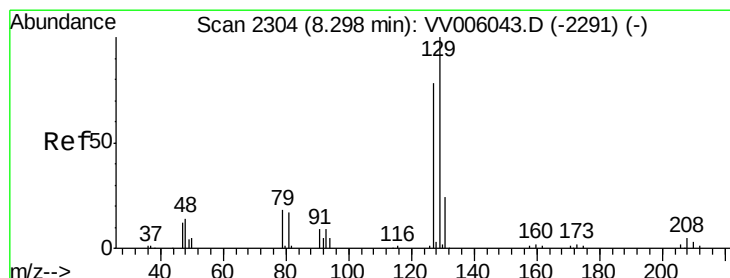
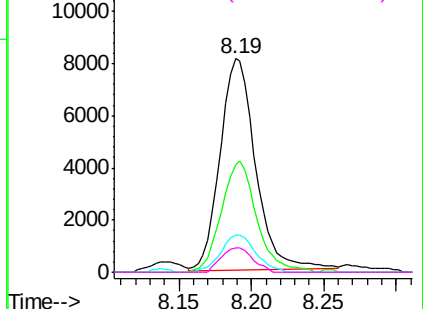
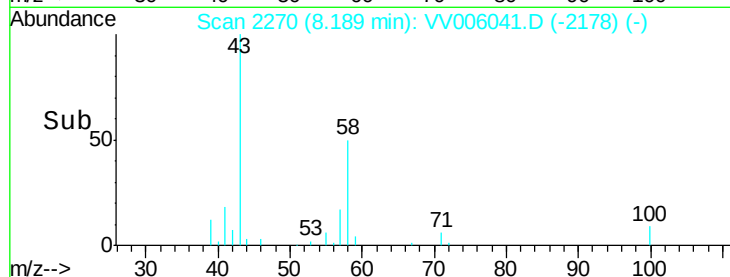


Abundance Ion 43.00 (42.70 to 43.70): VV006041.D (-2178) (-)

Ion 58.00 (57.70 to 58.70): VV006041.D (-2178) (-)

Ion 57.00 (56.70 to 57.70): VV006041.D (-2178) (-)

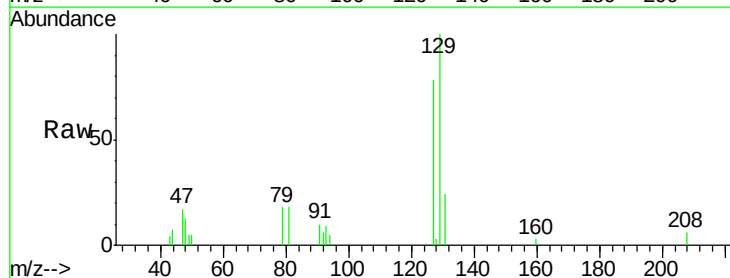
Ion 100.00 (99.70 to 100.70): VV006041.D (-2178) (-)



#49
Dibromochloromethane
Concen: 4.76 ug/L
RT: 8.29 min Scan# 2302
Delta R.T. -0.01 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

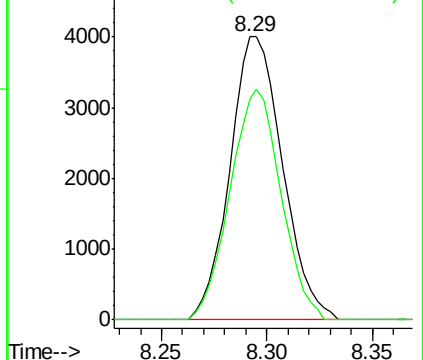
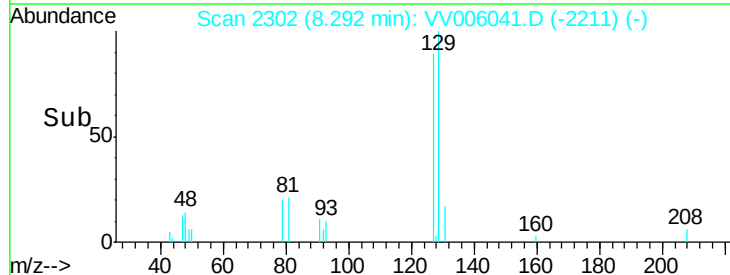
Tgt Ion: 129 Resp: 6939

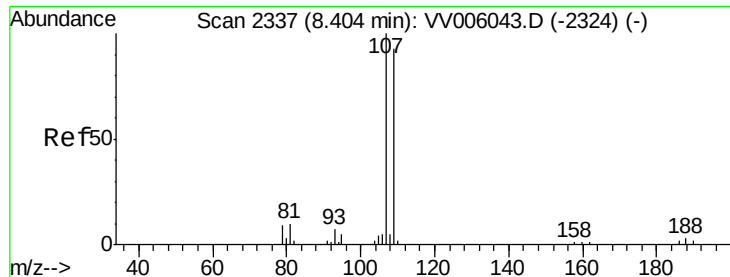
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VV006041.D (-2211) (-)

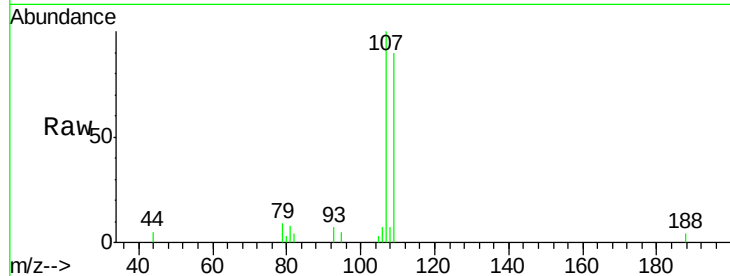
Ion 127.00 (126.70 to 127.70): VV006041.D (-2211) (-)



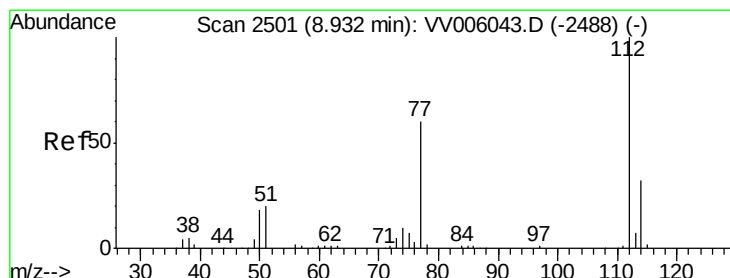
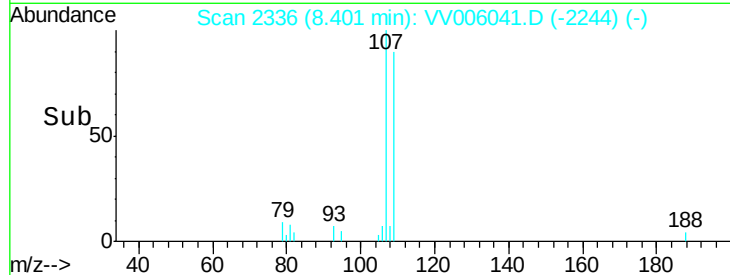
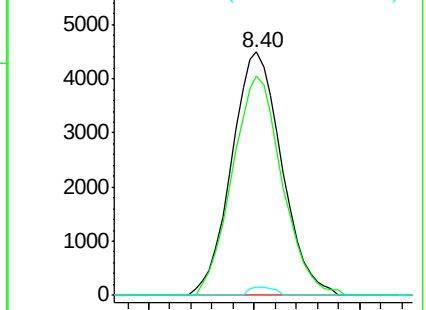


#50
1,2-Dibromoethane
Concen: 5.38 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion:107 Resp: 7425
Ion Ratio Lower Upper
107 100
109 90.3 64.8 120.4
188 3.6 2.8 4.2

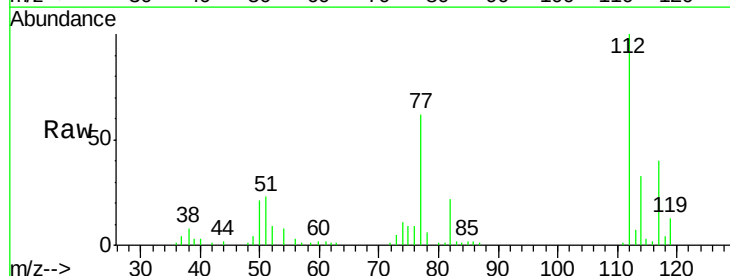


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

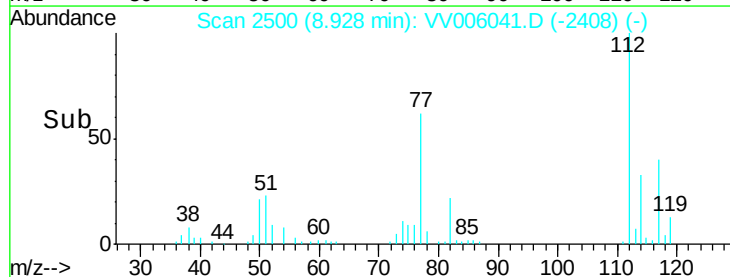
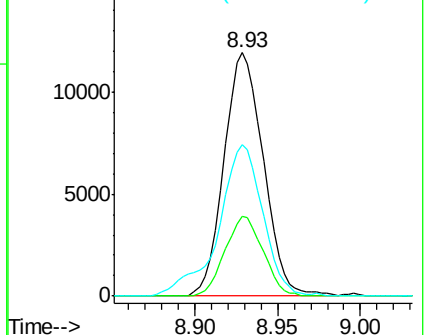


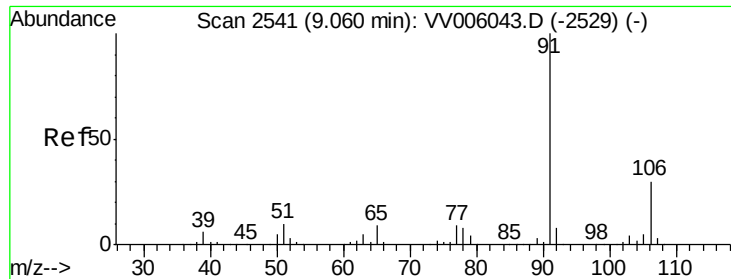
#51
Chlorobenzene
Concen: 5.45 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion:112 Resp: 19760
Ion Ratio Lower Upper
112 100
114 33.0 22.7 42.1
77 62.2 48.4 72.6



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





#52

Ethylbenzene

Concen: 4.84 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006041.D

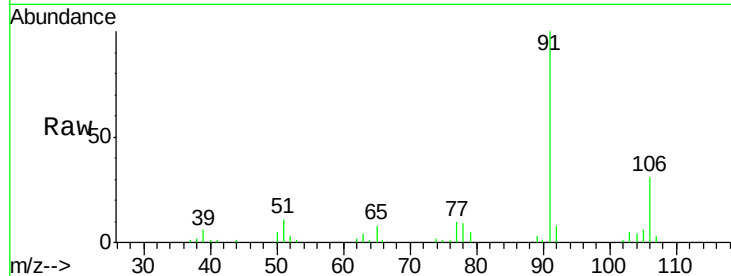
Acq: 25 May 2018 20:38

Tgt Ion: 91 Resp: 30175

Ion Ratio Lower Upper

91 100

106 31.3 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV006043.D (-2529) (-)

Ion 106.00 (105.70 to 106.70): VV006043.D (-2529) (-)

9.06

20000

15000

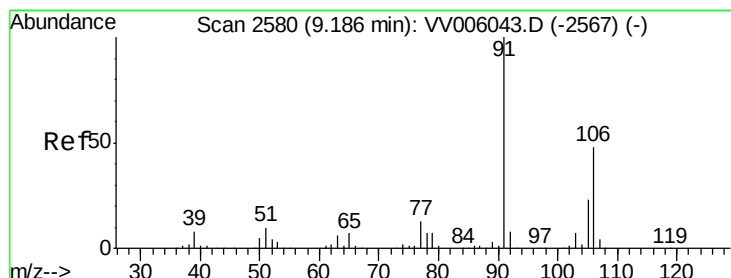
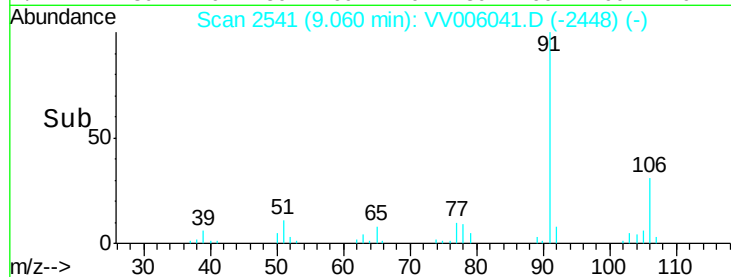
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#53

m,p-Xylene

Concen: 4.62 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006041.D

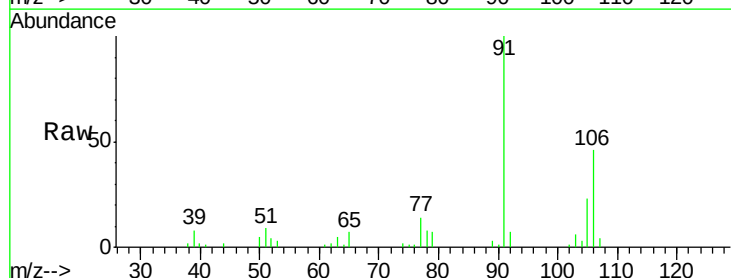
Acq: 25 May 2018 20:38

Tgt Ion: 106 Resp: 10751

Ion Ratio Lower Upper

106 100

91 215.1 146.4 271.8



Abundance Ion 106.00 (105.70 to 106.70): VV006043.D (-2567) (-)

Ion 91.00 (90.70 to 91.70): VV006043.D (-2567) (-)

9.19

15000

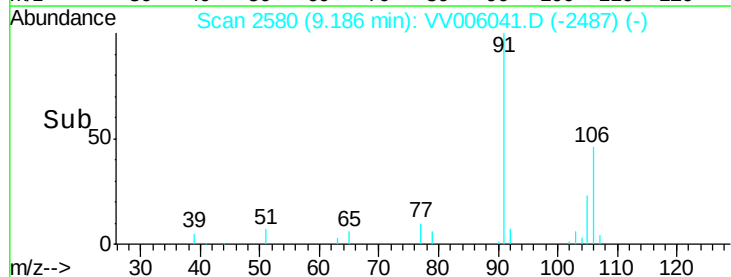
10000

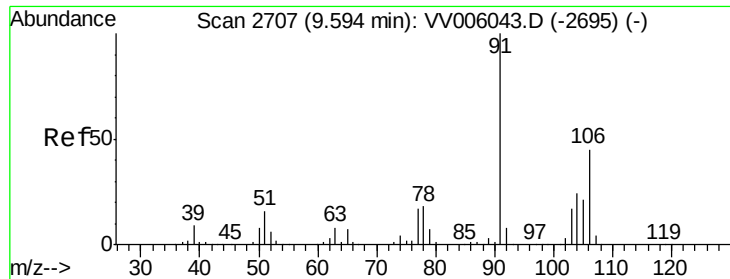
5000

0

Time-->

9.15 9.20 9.25





#54

o-xylene

Concen: 4.37 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006041.D

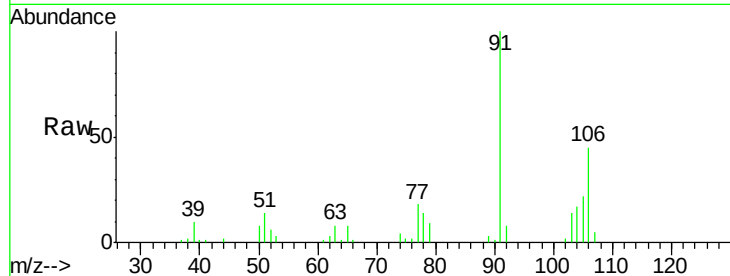
Acq: 25 May 2018 20:38

Tgt Ion:106 Resp: 10230

Ion Ratio Lower Upper

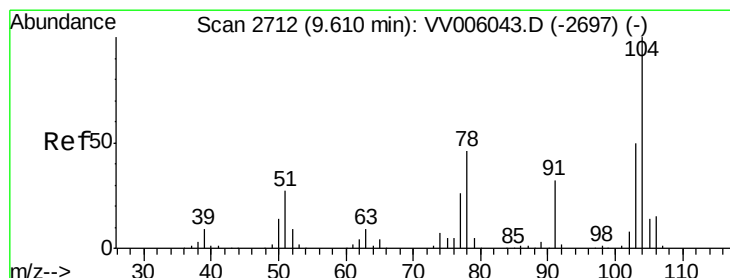
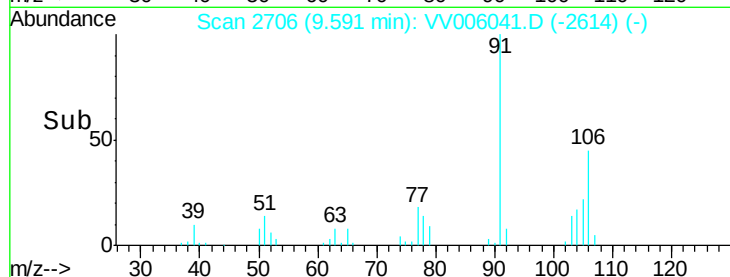
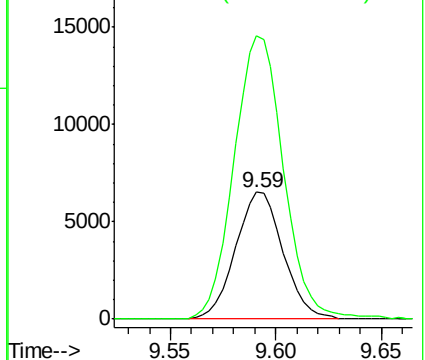
106 100

91 222.6 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 4.24 ug/L

RT: 9.61 min Scan# 2711

Delta R.T. -0.00 min

Lab File: VV006041.D

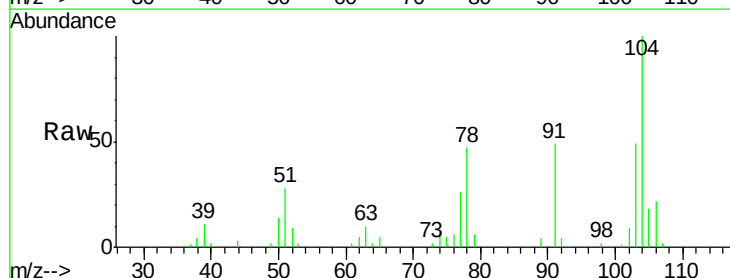
Acq: 25 May 2018 20:38

Tgt Ion:104 Resp: 17054

Ion Ratio Lower Upper

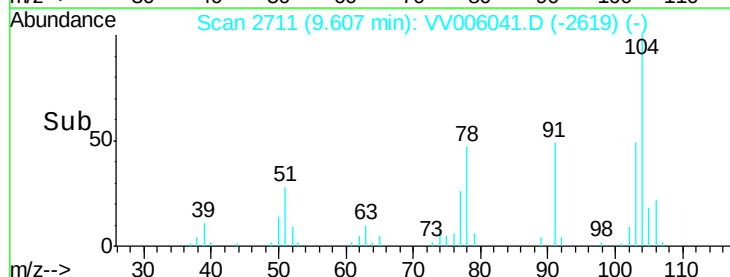
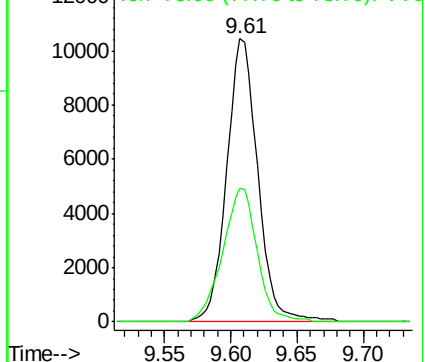
104 100

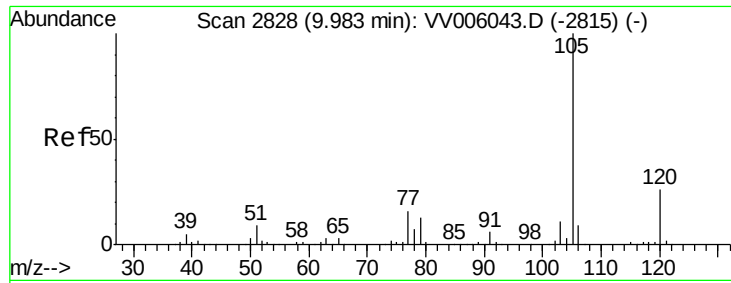
78 47.2 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 4.48 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

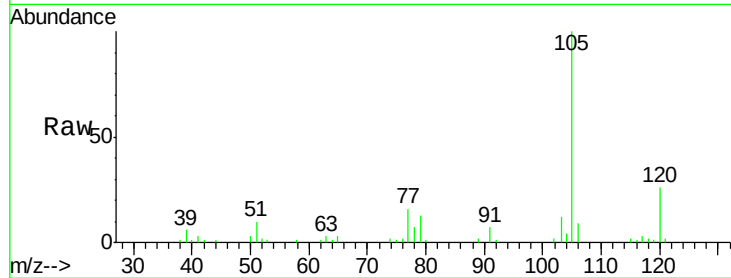
Tgt Ion: 105 Resp: 27788

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

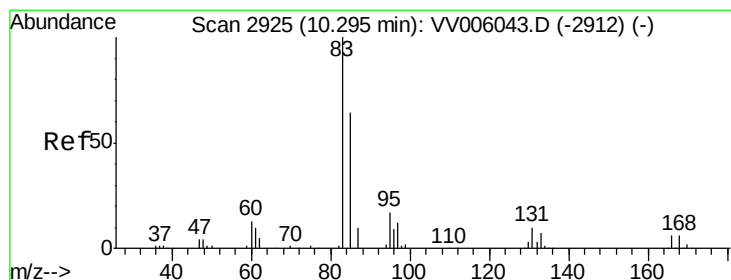
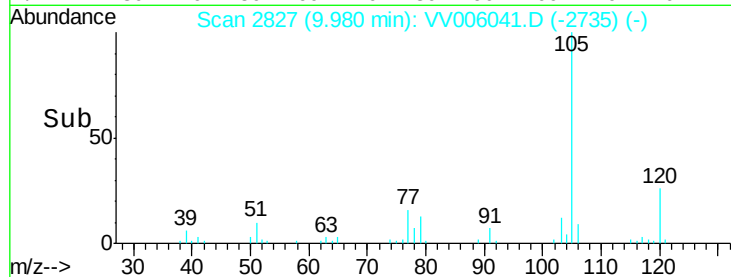
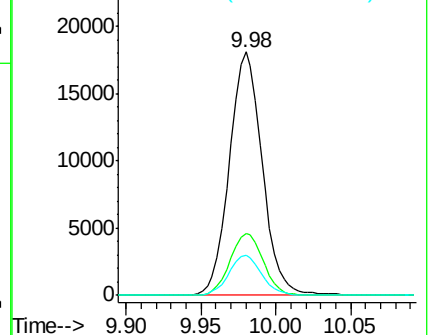
77 16.2 12.9 19.3



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: 5.17 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

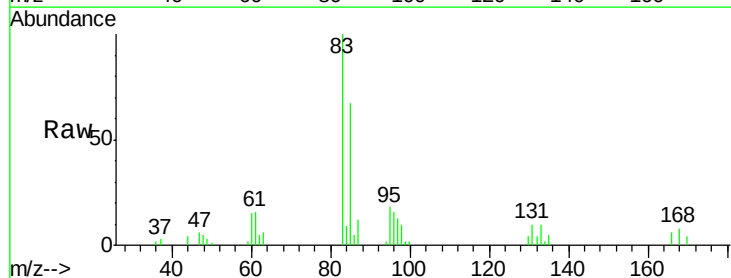
Tgt Ion: 83 Resp: 11469

Ion Ratio Lower Upper

83 100

85 66.5 45.4 84.2

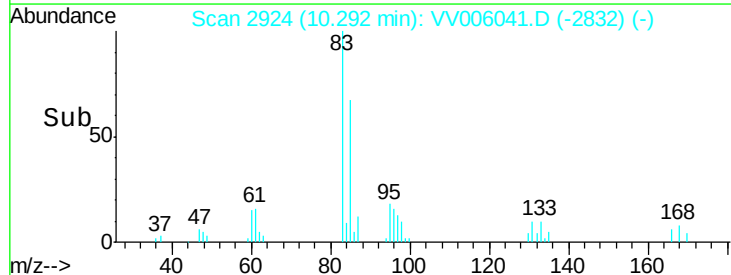
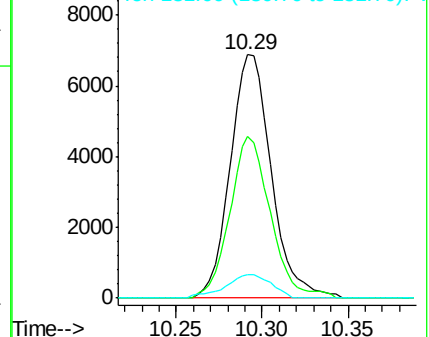
131 9.7 8.5 12.7

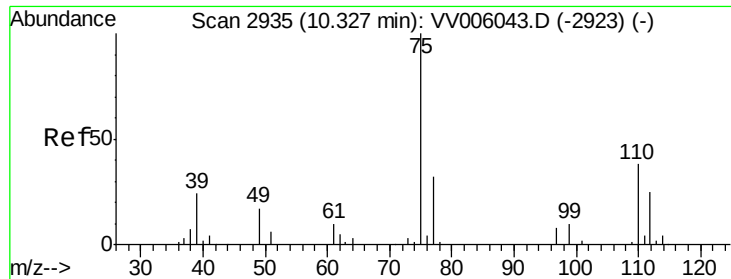


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

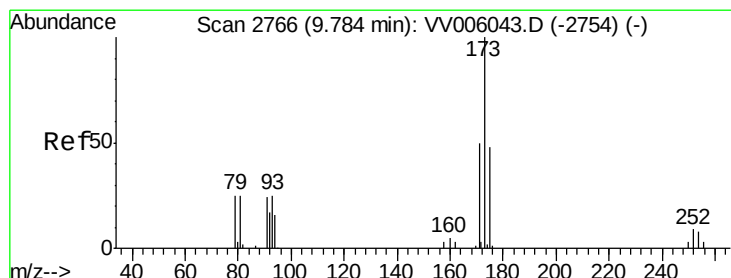
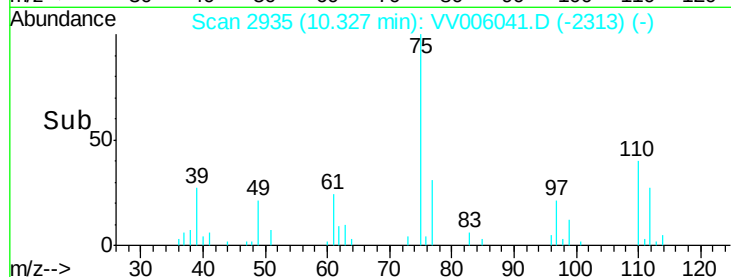
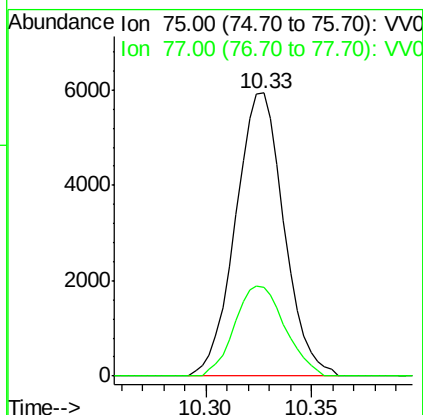
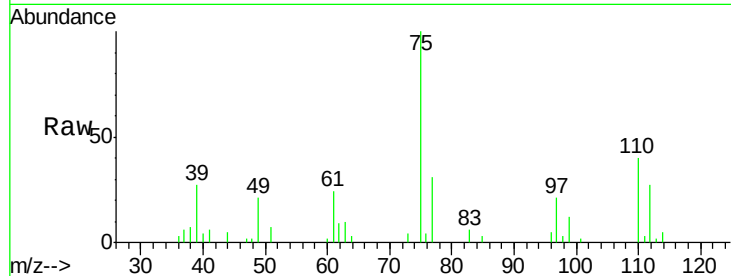
Ion 131.00 (130.70 to 131.70): V





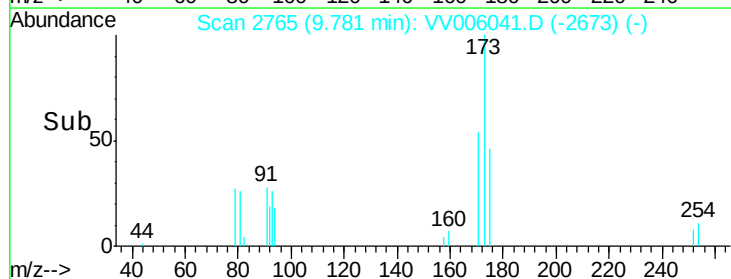
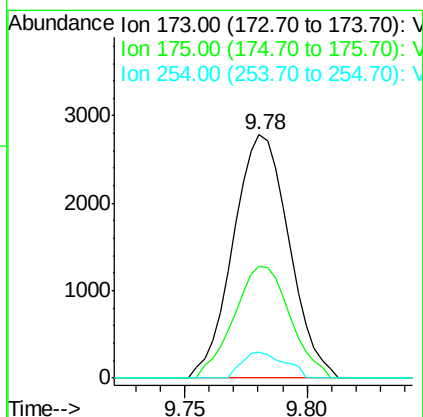
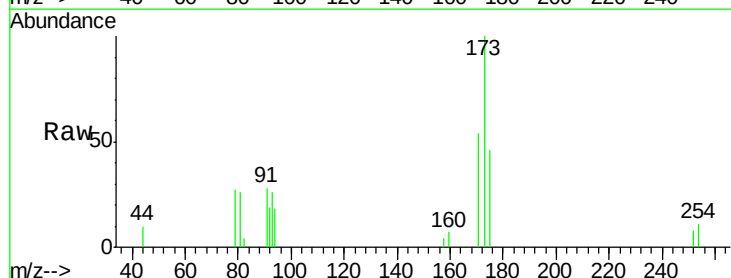
#59
 1,2,3-Trichloropropane
 Concen: 5.24 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

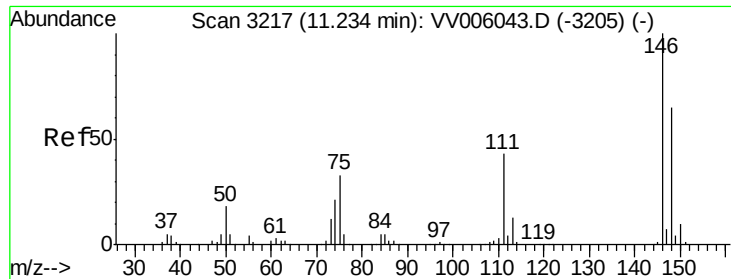
Tgt Ion: 75 Resp: 9482
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.6



#61
 Bromoform
 Concen: 5.15 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion: 173 Resp: 4417
 Ion Ratio Lower Upper
 173 100
 175 46.2 38.6 57.8
 254 8.0 6.3 9.5





#62

1,3-Dichlorobenzene

Concen: 5.51 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

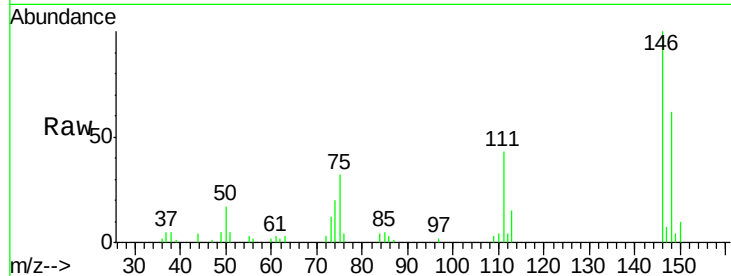
Tgt Ion:146 Resp: 12864

Ion Ratio Lower Upper

146 100

111 43.2 29.8 55.3

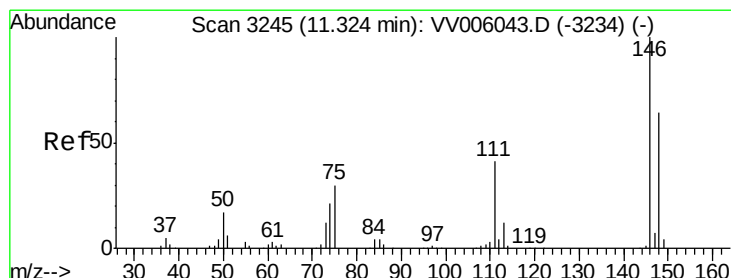
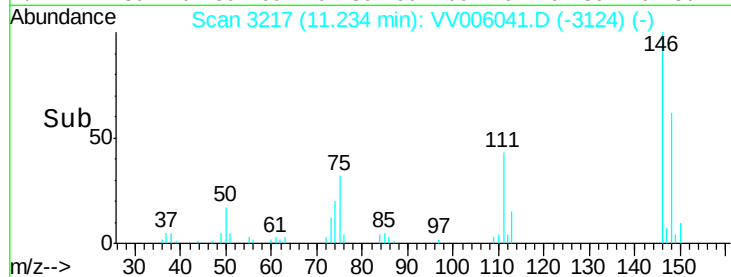
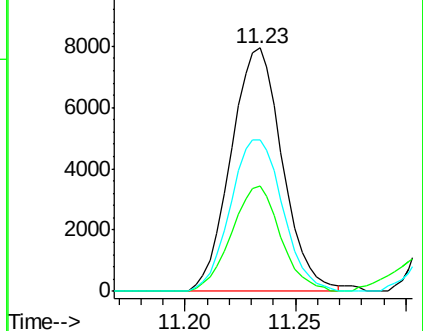
148 62.2 45.4 84.4



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



#63

1,4-Dichlorobenzene

Concen: 5.84 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

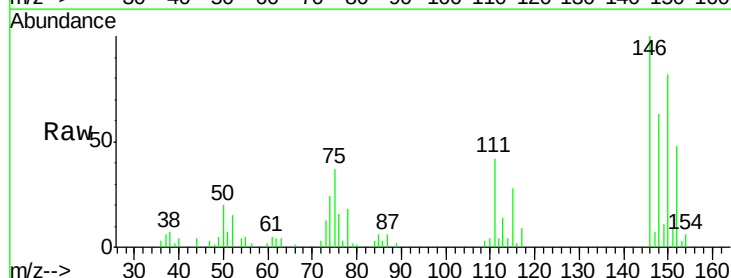
Tgt Ion:146 Resp: 14216

Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

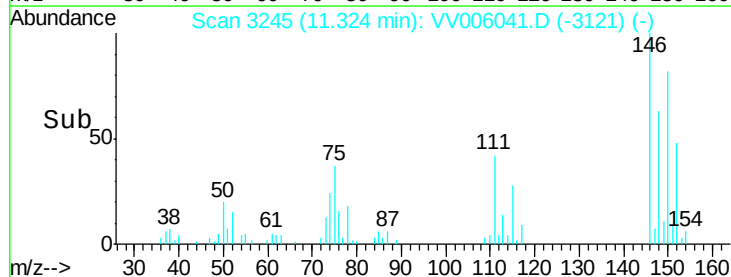
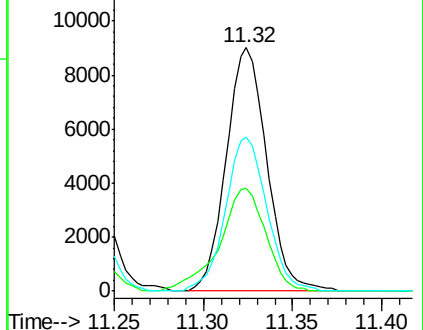
148 63.0 44.7 83.1

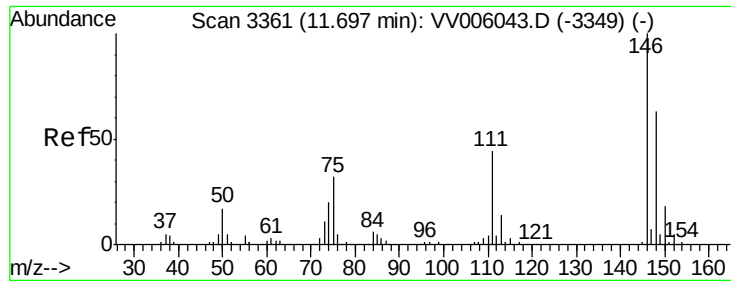


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.47 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

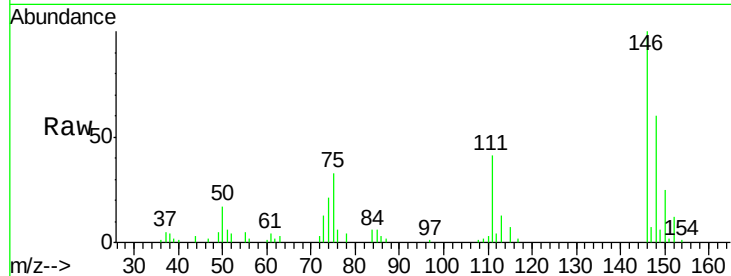
Tgt Ion: 146 Resp: 13894

Ion Ratio Lower Upper

146 100

111 40.6 35.3 52.9

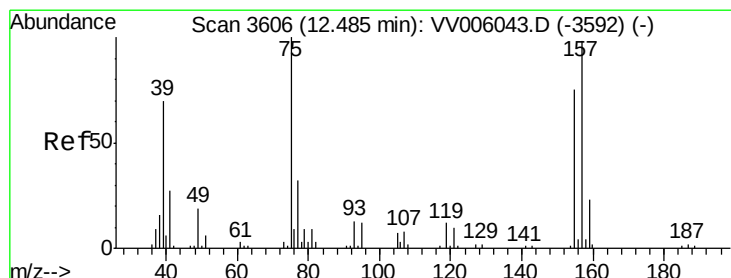
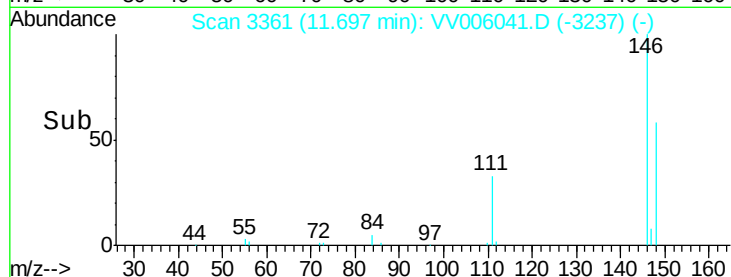
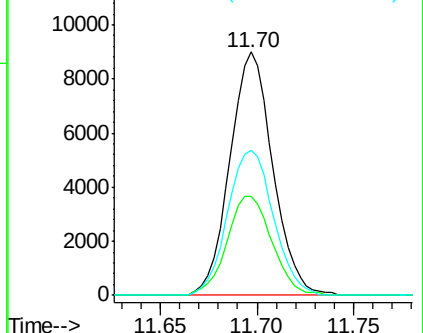
148 59.5 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 5.35 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV006041.D

Acq: 25 May 2018 20:38

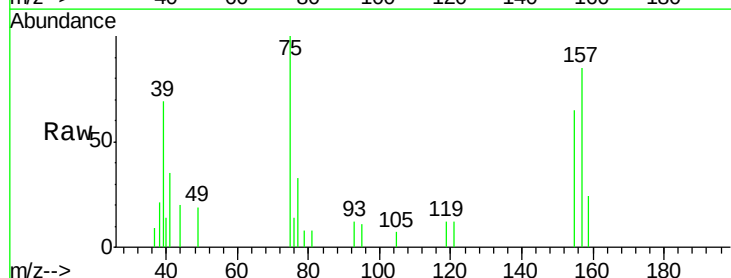
Tgt Ion: 75 Resp: 2260

Ion Ratio Lower Upper

75 100

155 64.9 60.1 90.1

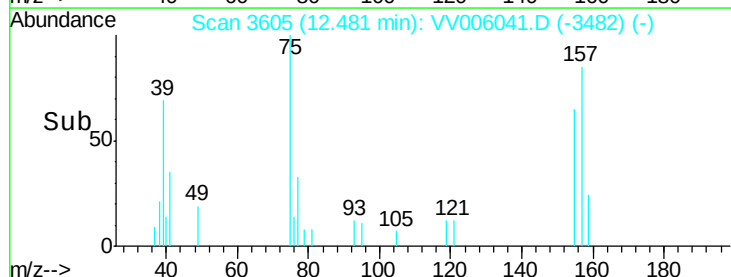
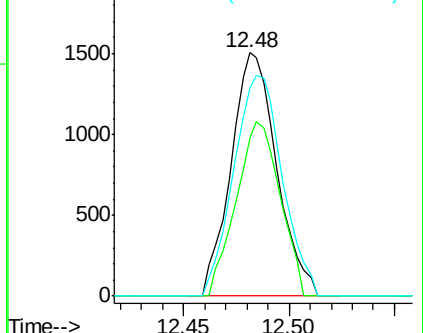
157 85.2 78.4 117.6

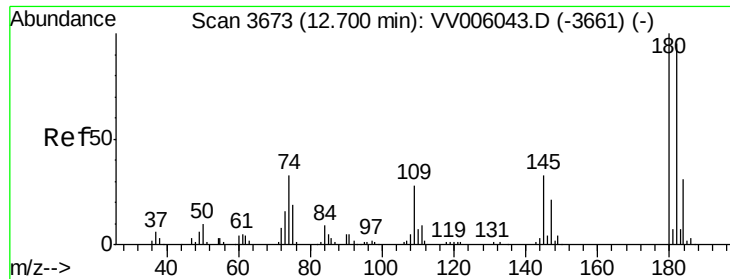


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

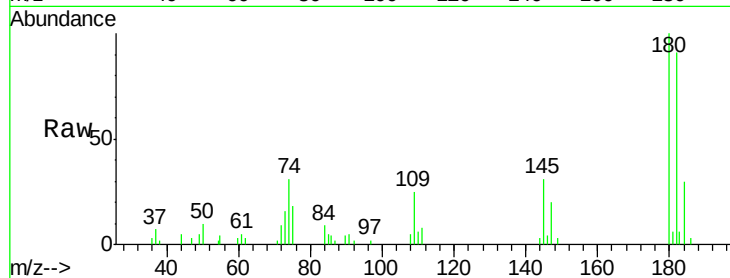
Ion 157.00 (156.70 to 157.70): V



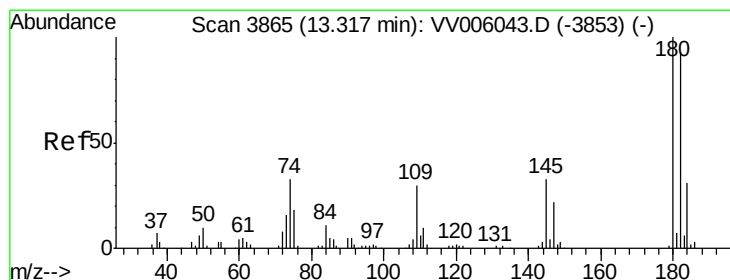
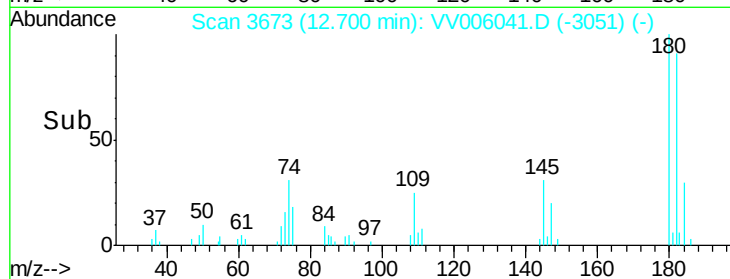
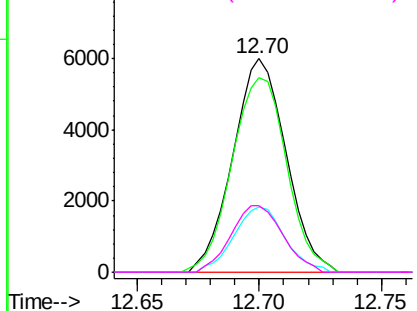


#67
 1,3,5-Trichlorobenzene
 Concen: 5.41 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion:180 Resp: 9073
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.7 113.5
 184 29.3 24.3 36.5
 145 30.6 25.8 38.6

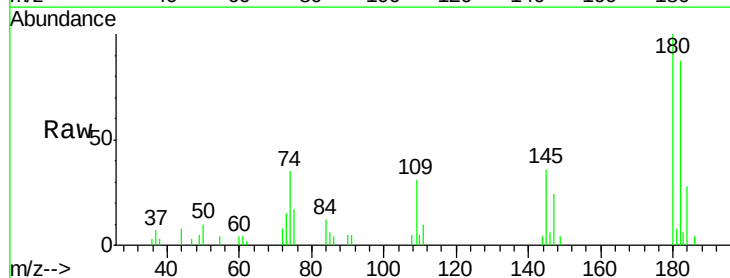


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

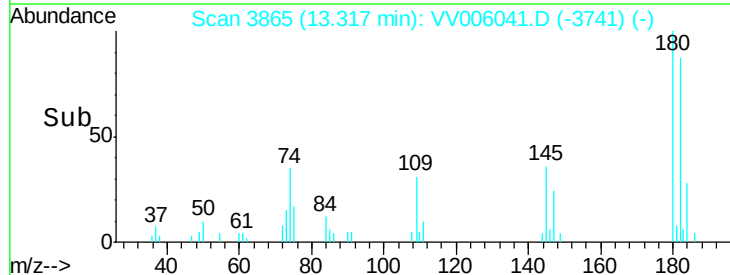
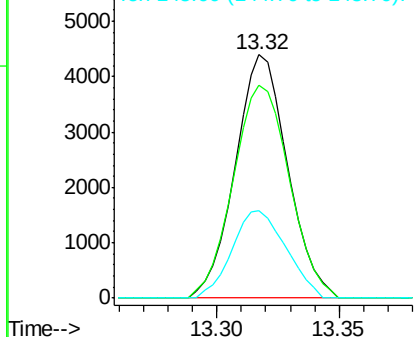


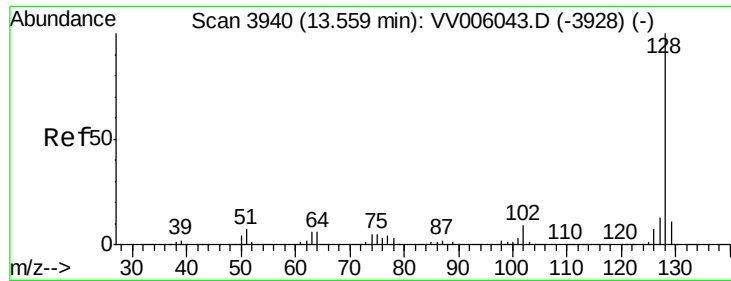
#68
 1,2,4-trichlorobenzene
 Concen: 4.66 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006041.D
 Acq: 25 May 2018 20:38

Tgt Ion:180 Resp: 6547
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.9 112.3
 145 36.9 26.3 39.5



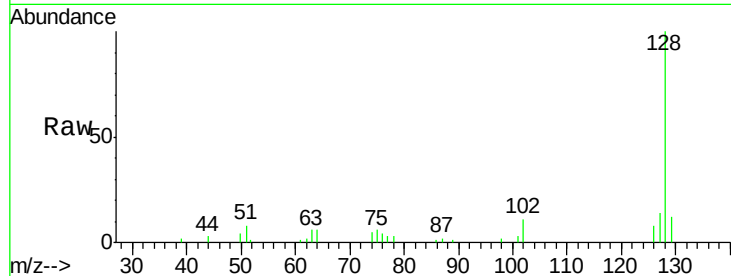
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



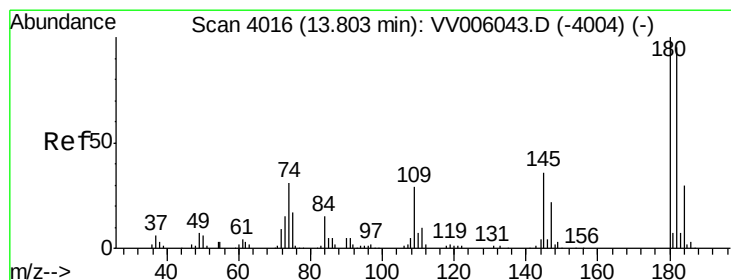
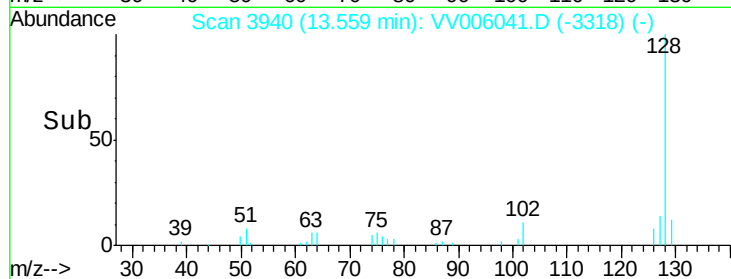
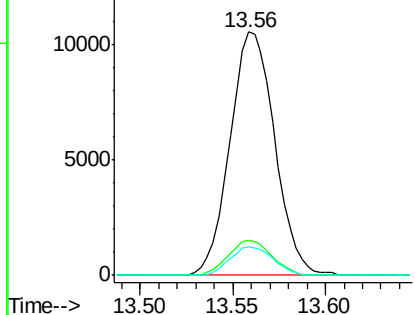


#69
Naphthalene
Concen: 3.71 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion:128 Resp: 17615
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 11.3 8.8 13.2

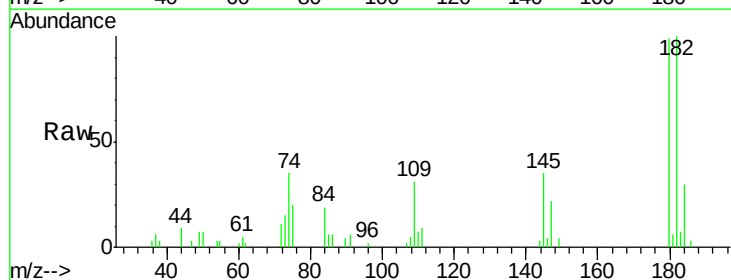


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 4.85 ug/L
RT: 13.80 min Scan# 4015
Delta R.T. -0.00 min
Lab File: VV006041.D
Acq: 25 May 2018 20:38

Tgt Ion:180 Resp: 7521
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 35.2 28.6 42.8



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

