

Data File : VV006046.D
Acq On : 25 May 2018 22:47
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 26 01:34:37 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 01:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66606	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.58	69	47479	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.02%
11) 1,1-Dichloroethene-d2	2.13	63	123725	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
21) 2-Butanone-d5	3.95	46	78807	103.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.51%
24) Chloroform-d	4.41	84	126860	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.09	65	82506	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
32) Benzene-d6	5.11	84	246358	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
36) 1,2-Dichloropropane-d6	6.12	67	76010	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.37	98	232653	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%
43) trans-1,3-Dichloropropene-	7.67	79	37388	54.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.08%
47) 2-Hexanone-d5	8.14	63	63883	109.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.19%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	105447	51.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	85127	51.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.24%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	80573	47.74	ug/L	100
3) Chloromethane	1.26	50	82850	45.23	ug/L	99
5) Vinyl chloride	1.32	62	78989	48.76	ug/L	98
6) Bromomethane	1.52	94	40512	56.62	ug/L	97
8) Chloroethane	1.59	64	44642	48.17	ug/L	99
9) Trichlorofluoromethane	1.77	101	107753	47.77	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	60873	48.05	ug/L	99
12) 1,1-Dichloroethene	2.14	96	56417	48.24	ug/L	99
13) Acetone	2.19	43	67954	86.74	ug/L	98
14) Carbon disulfide	2.32	76	169009	48.55	ug/L	99
15) Methyl Acetate	2.46	43	77179	46.94	ug/L	99
16) Methylene chloride	2.54	84	66555	47.55	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	60220	47.98	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	201186	47.43	ug/L	100
19) 1,1-Dichloroethane	3.23	63	122933	47.55	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	72631	48.13	ug/L	96
22) 2-Butanone	4.03	43	106639	94.69	ug/L	97

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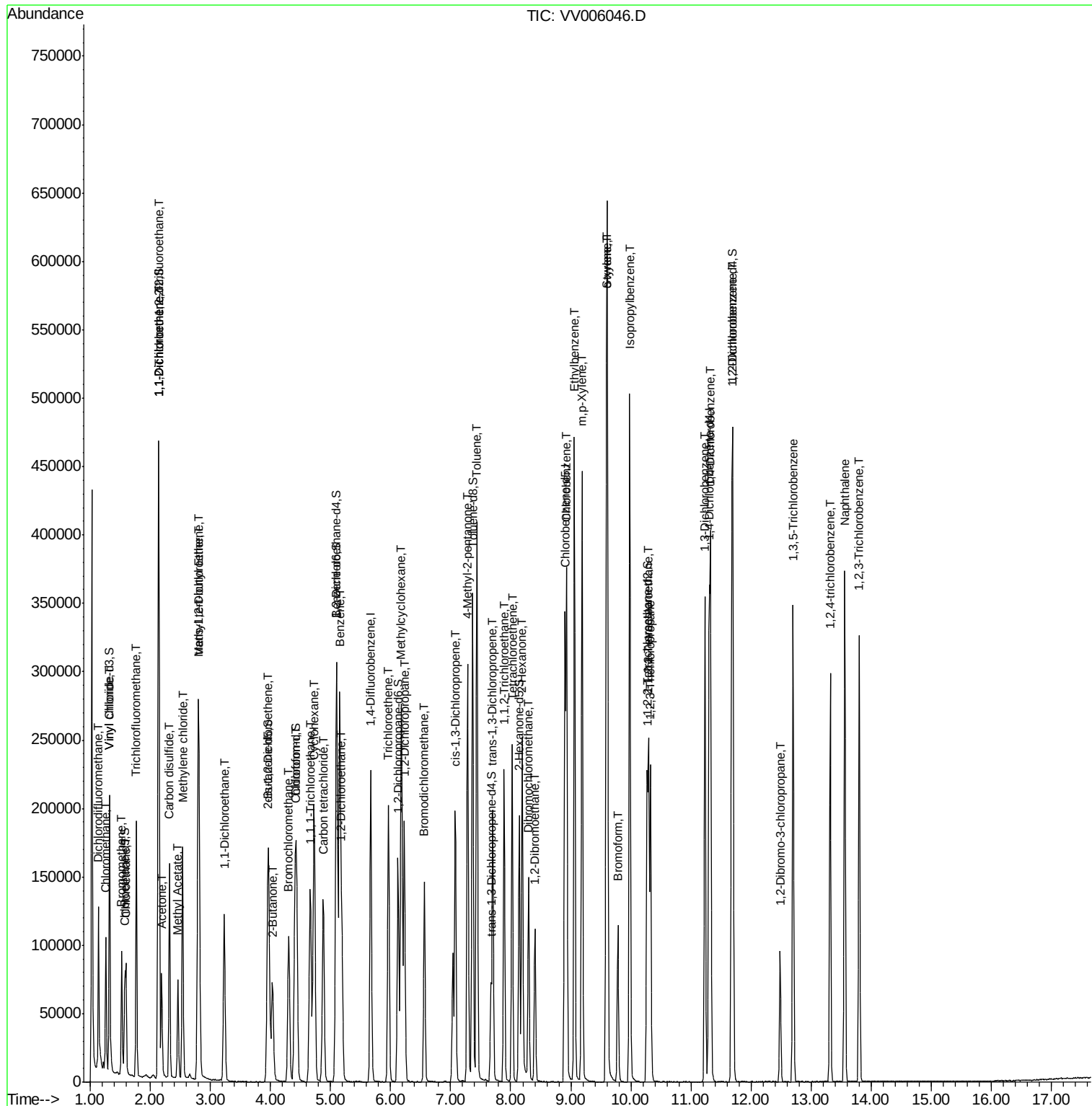
Quant Time: May 26 01:34:37 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
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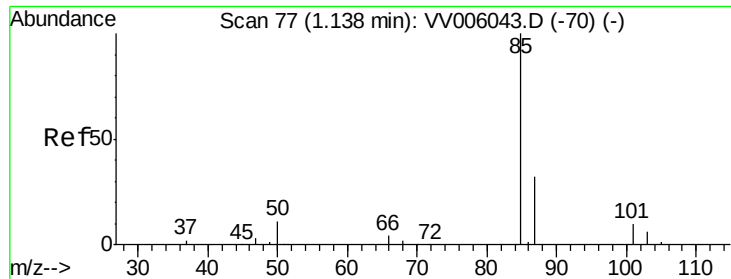
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35762	48.65	ug/L	99
25) Chloroform	4.43	83	129327	47.62	ug/L	99
27) 1,2-Dichloroethane	5.19	62	103872	47.08	ug/L	99
29) Cyclohexane	4.73	56	108438	50.10	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	112915	48.69	ug/L	99
31) Carbon tetrachloride	4.88	117	99133	49.49	ug/L	100
33) Benzene	5.15	78	275673	49.81	ug/L	100
34) Trichloroethene	5.96	95	70290	49.43	ug/L	98
35) Methylcyclohexane	6.18	83	113614	51.30	ug/L	100
37) 1,2-Dichloropropane	6.23	63	71757	48.44	ug/L	99
38) Bromodichloromethane	6.56	83	94194	49.10	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	110634	50.74	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	197973	100.86	ug/L	100
42) Toluene	7.44	91	290600	50.55	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	104107	50.68	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	69353	49.24	ug/L	98
46) Tetrachloroethene	8.02	164	53138	49.71	ug/L	95
48) 2-Hexanone	8.19	43	156801	104.53	ug/L	96
49) Dibromochloromethane	8.30	129	74173	49.64	ug/L	100
50) 1,2-Dibromoethane	8.40	107	71515	49.25	ug/L	99
51) Chlorobenzene	8.93	112	187614	48.84	ug/L	99
52) Ethylbenzene	9.06	91	323876	51.13	ug/L	100
53) m,p-Xylene	9.19	106	120761	51.65	ug/L	100
54) o-xylene	9.59	106	120812	52.26	ug/L	97
55) Styrene	9.61	104	206873	52.29	ug/L	99
56) Isopropylbenzene	9.98	105	321386	52.05	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	114254	49.46	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	92532	49.00	ug/L	100
61) Bromoform	9.78	173	48886	48.78	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	137932	49.84	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	142419	49.11	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	145930	49.08	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	23954	48.28	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	99143	50.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	84465	52.06	ug/L	99
69) Naphthalene	13.56	128	277245	54.46	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	91987	51.61	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 47.74 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006046.D

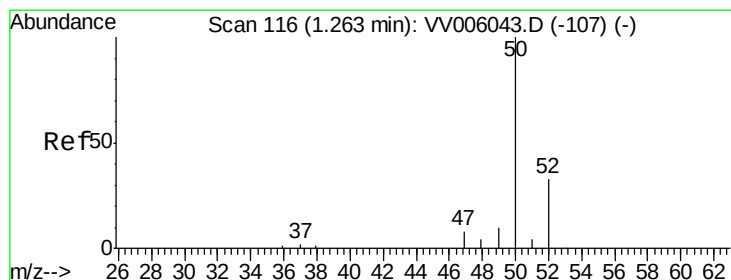
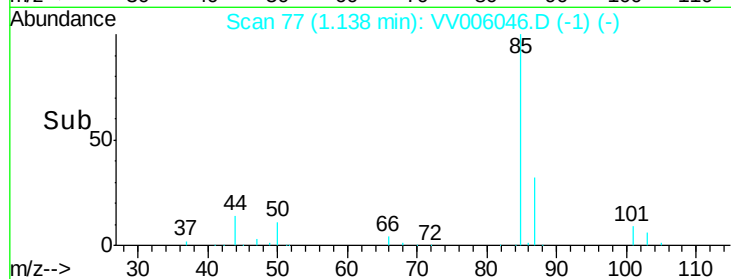
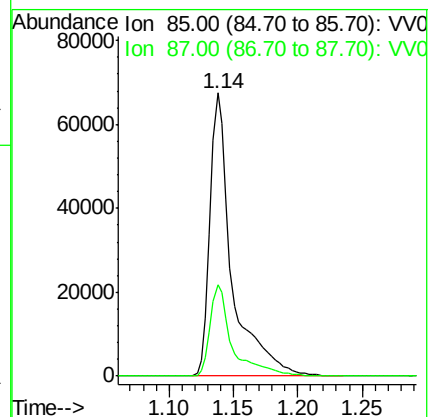
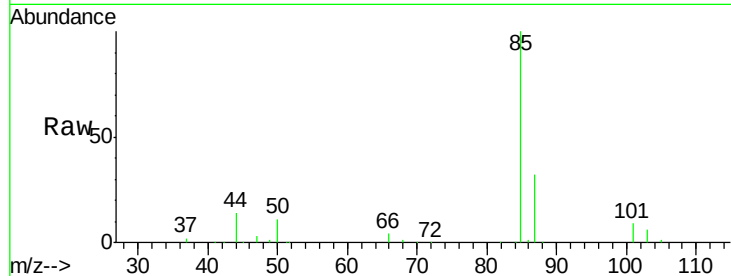
Acq: 25 May 2018 22:47

Tgt Ion: 85 Resp: 80573

Ion Ratio Lower Upper

85 100

87 32.3 25.7 38.5



#3

Chloromethane

Concen: 45.23 ug/L

RT: 1.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: VV006046.D

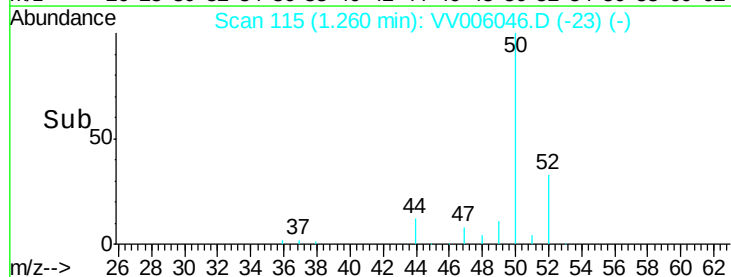
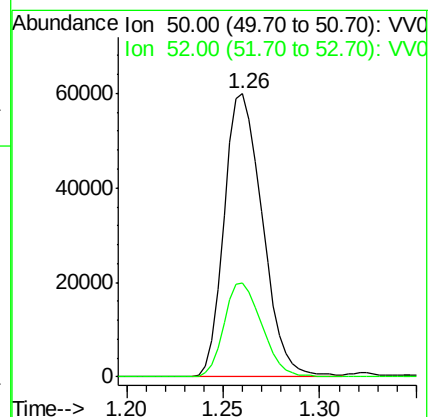
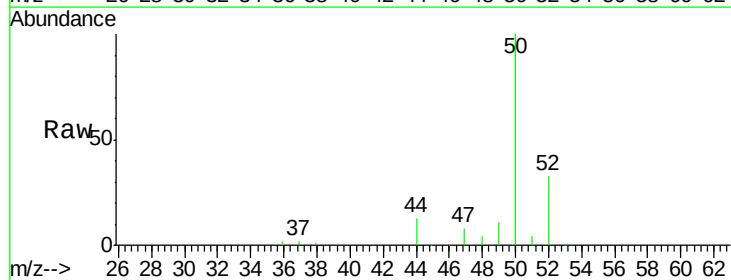
Acq: 25 May 2018 22:47

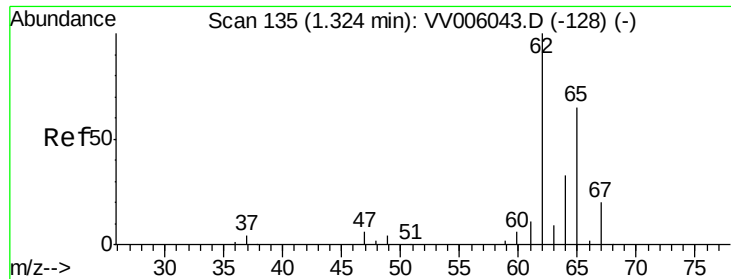
Tgt Ion: 50 Resp: 82850

Ion Ratio Lower Upper

50 100

52 33.1 22.7 42.3





#5

Vinyl chloride

Concen: 48.76 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006046.D

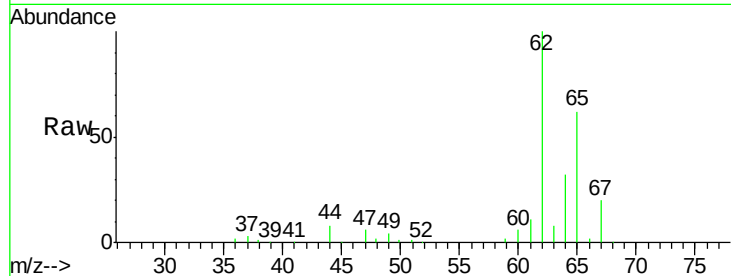
Acq: 25 May 2018 22:47

Tgt Ion: 62 Resp: 78989

Ion Ratio Lower Upper

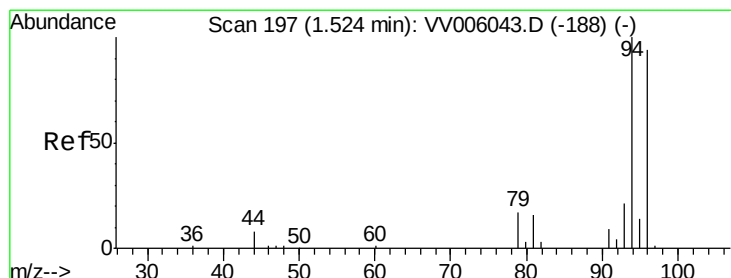
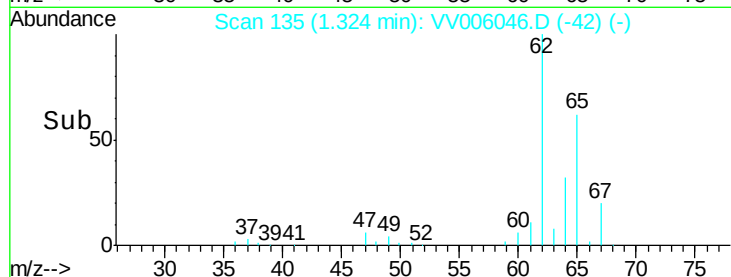
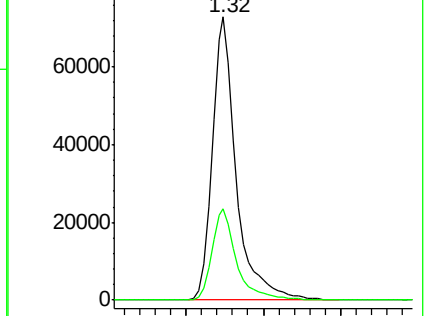
62 100

64 32.1 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 56.62 ug/L

RT: 1.52 min Scan# 197

Delta R.T. 0.00 min

Lab File: VV006046.D

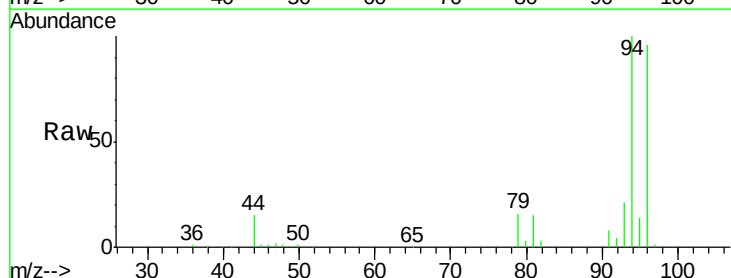
Acq: 25 May 2018 22:47

Tgt Ion: 94 Resp: 40512

Ion Ratio Lower Upper

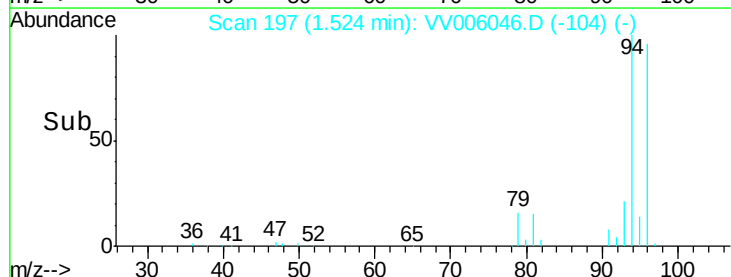
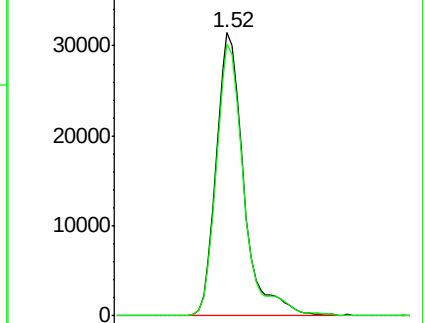
94 100

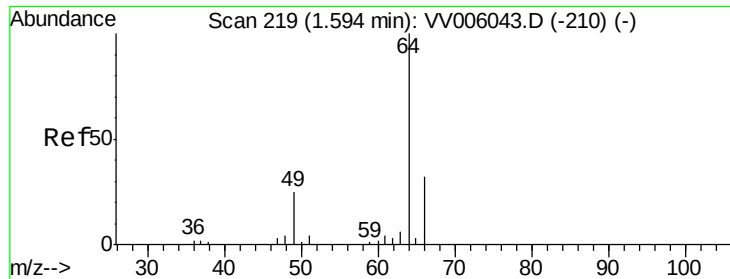
96 96.2 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 48.17 ug/L

RT: 1.59 min Scan# 219

Delta R.T. 0.00 min

Lab File: VV006046.D

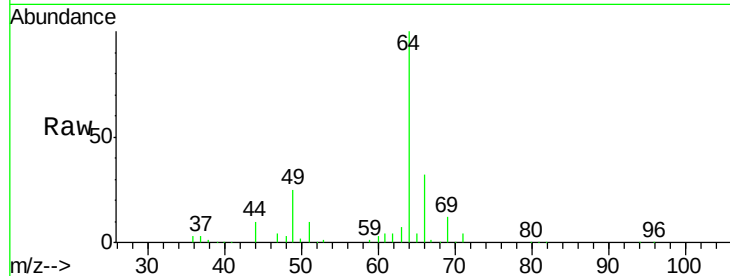
Acq: 25 May 2018 22:47

Tgt Ion: 64 Resp: 44642

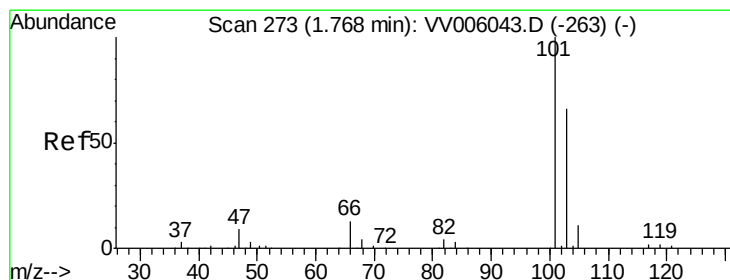
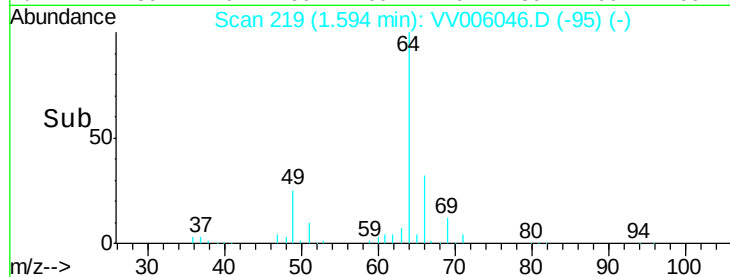
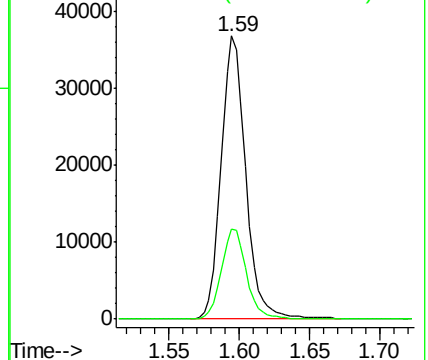
Ion Ratio Lower Upper

64 100

66 32.1 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV006046.D (-95) (-)



#9

Trichlorofluoromethane

Concen: 47.77 ug/L

RT: 1.77 min Scan# 273

Delta R.T. 0.00 min

Lab File: VV006046.D

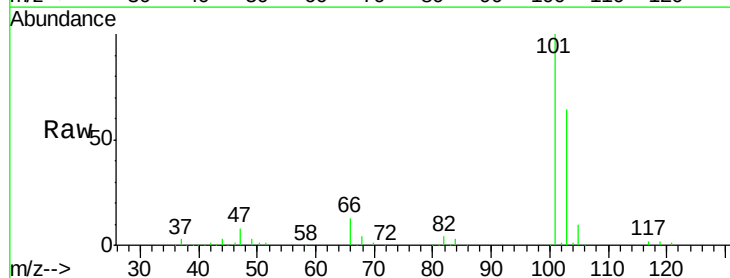
Acq: 25 May 2018 22:47

Tgt Ion: 101 Resp: 107753

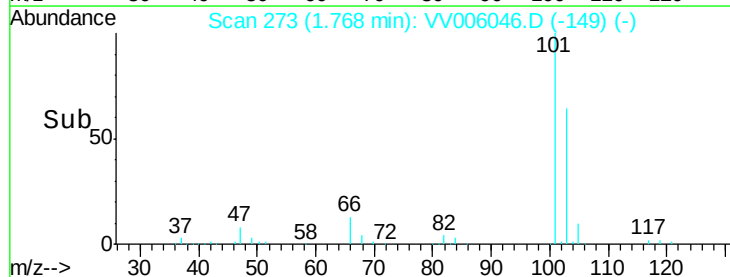
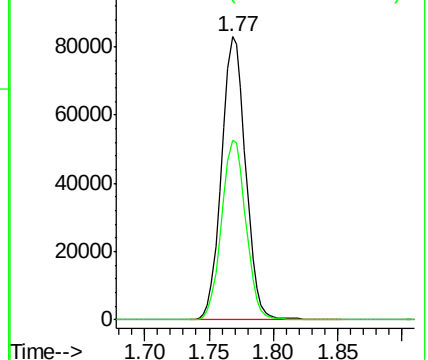
Ion Ratio Lower Upper

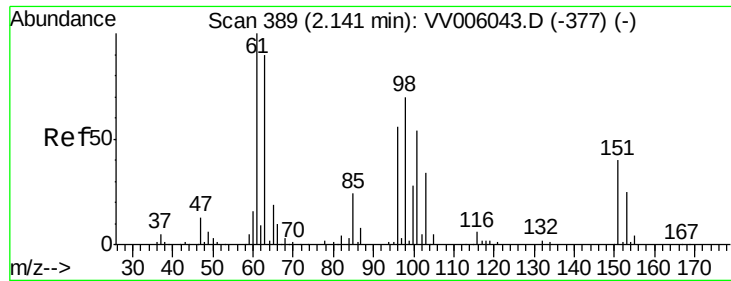
101 100

103 64.0 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): VV006046.D (-149) (-)





#10

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

Concen: 48.05 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

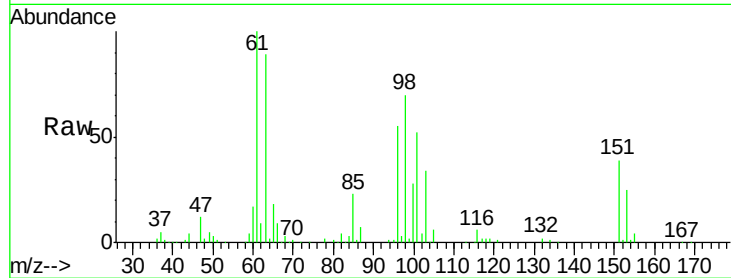
Tgt Ion: 101 Resp: 60873

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

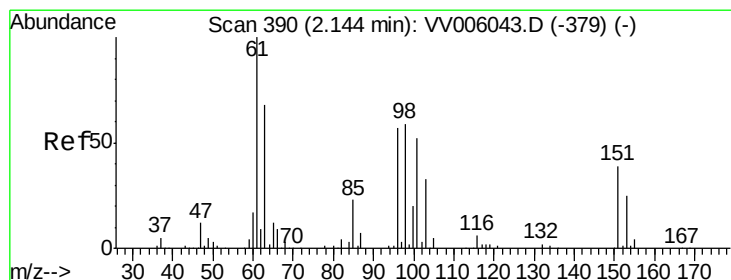
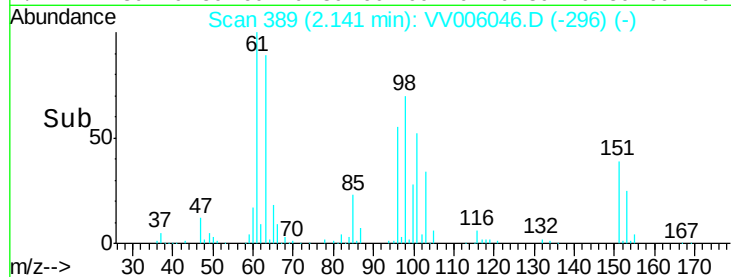
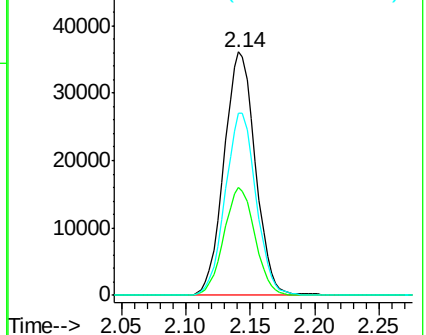
151 73.7 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): VV006046.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV006046.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV006046.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 48.24 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

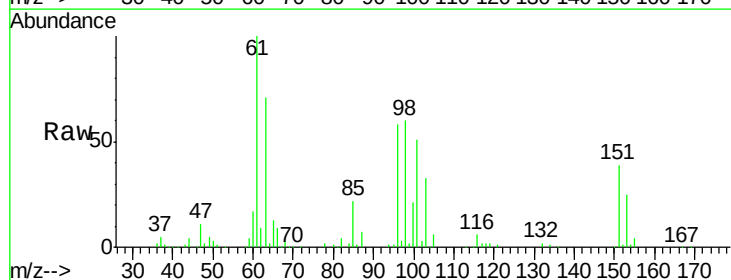
Tgt Ion: 96 Resp: 56417

Ion Ratio Lower Upper

96 100

61 173.6 122.5 227.5

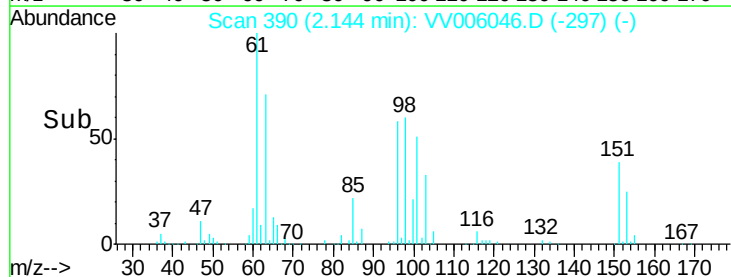
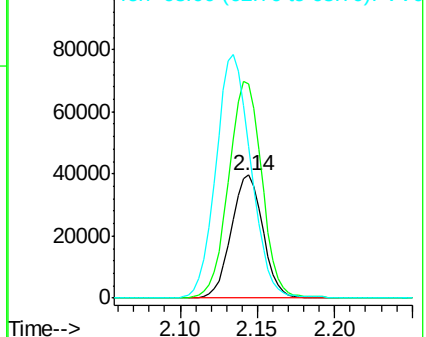
63 122.8 86.9 161.5

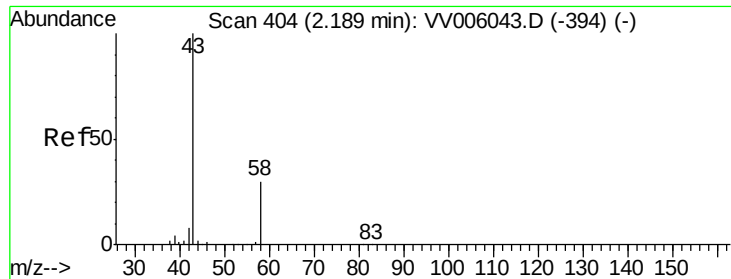


Abundance Ion 96.00 (95.70 to 96.70): VV006046.D (-297) (-)

Ion 61.00 (60.70 to 61.70): VV006046.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006046.D (-297) (-)





#13

Acetone

Concen: 86.74 ug/L

RT: 2.19 min Scan# 404

Delta R.T. 0.00 min

Lab File: VV006046.D

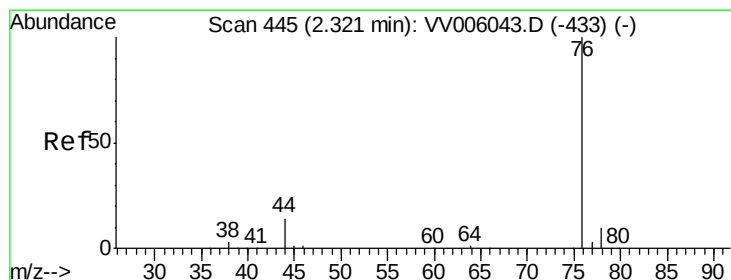
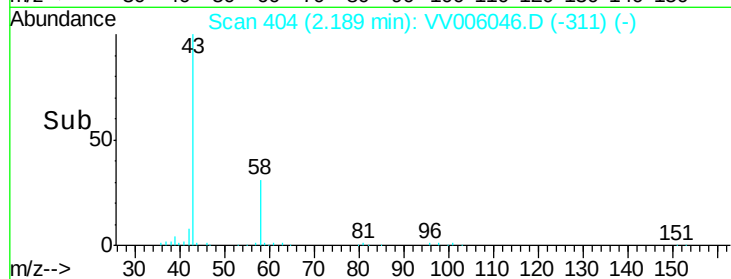
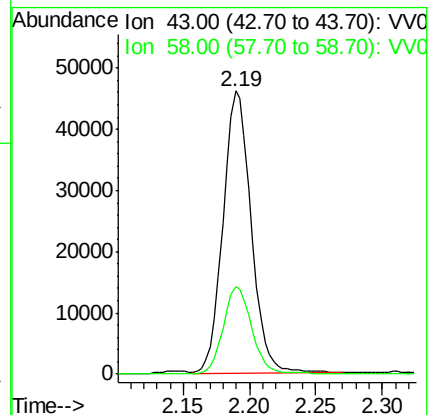
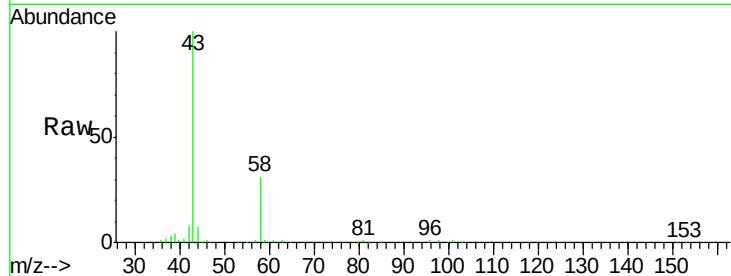
Acq: 25 May 2018 22:47

Tgt Ion: 43 Resp: 67954

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.6



#14

Carbon disulfide

Concen: 48.55 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006046.D

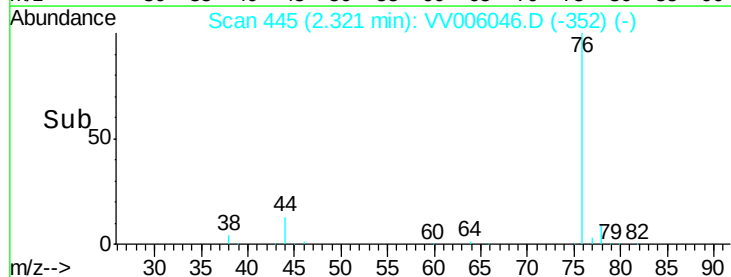
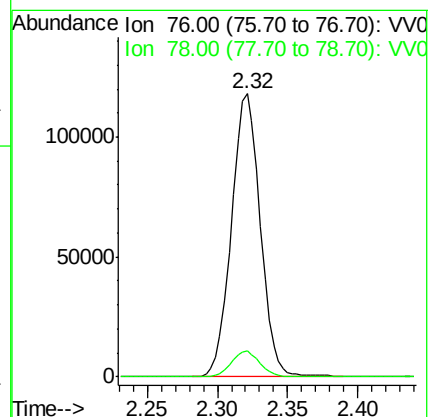
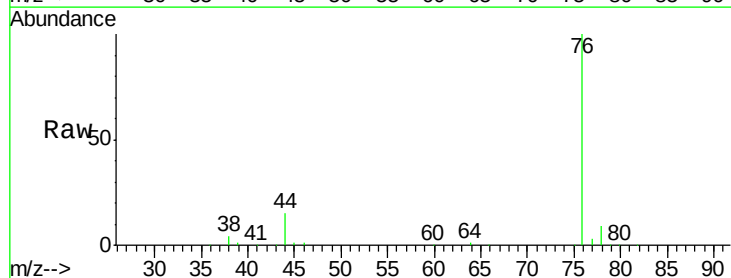
Acq: 25 May 2018 22:47

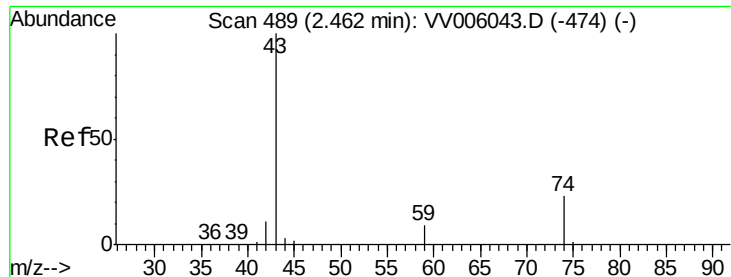
Tgt Ion: 76 Resp: 169009

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4





#15

Methyl Acetate

Concen: 46.94 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006046.D

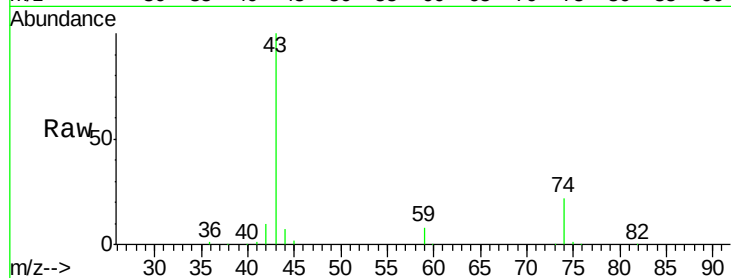
Acq: 25 May 2018 22:47

Tgt Ion: 43 Resp: 77179

Ion Ratio Lower Upper

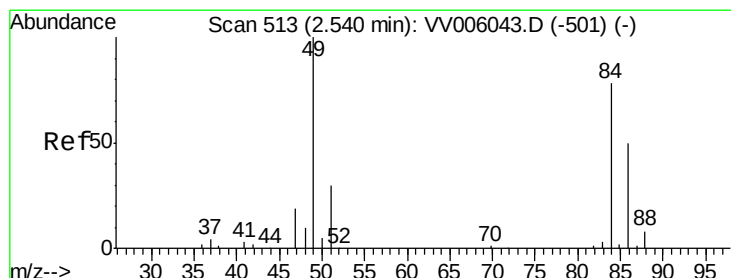
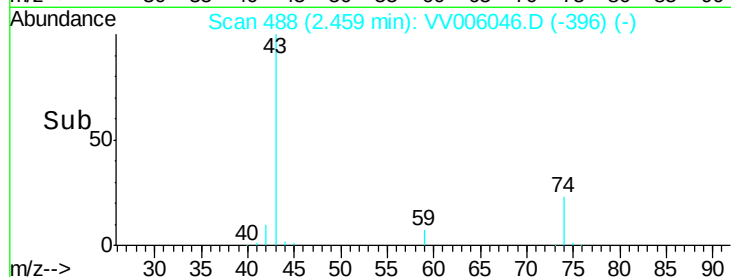
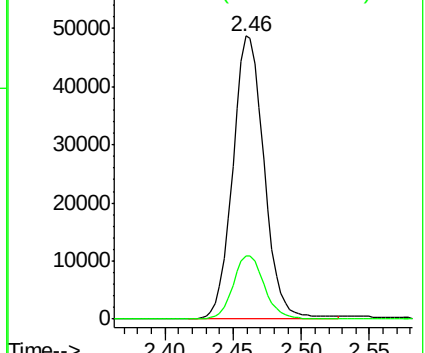
43 100

74 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 47.55 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

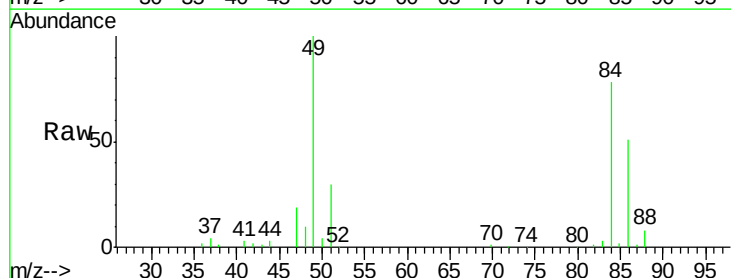
Tgt Ion: 84 Resp: 66555

Ion Ratio Lower Upper

84 100

86 65.4 45.1 83.7

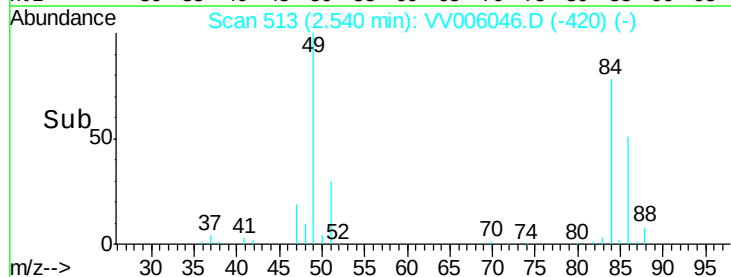
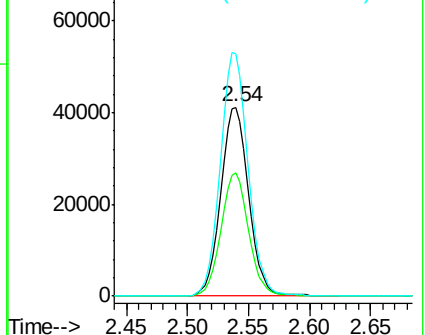
49 128.5 90.2 167.6

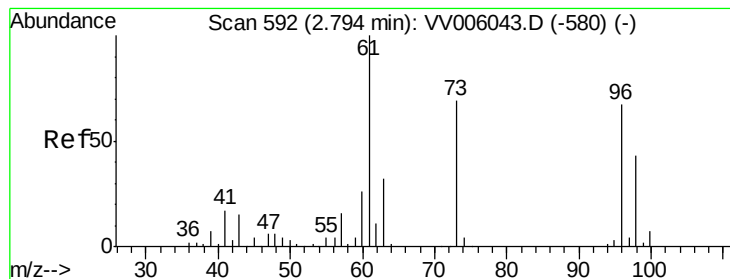


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 47.98 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

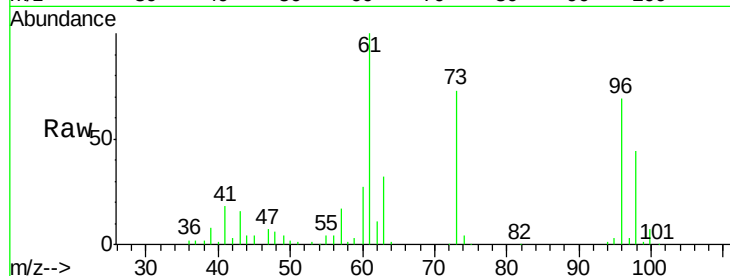
Tgt Ion: 96 Resp: 60220

Ion Ratio Lower Upper

96 100

61 144.9 104.9 194.7

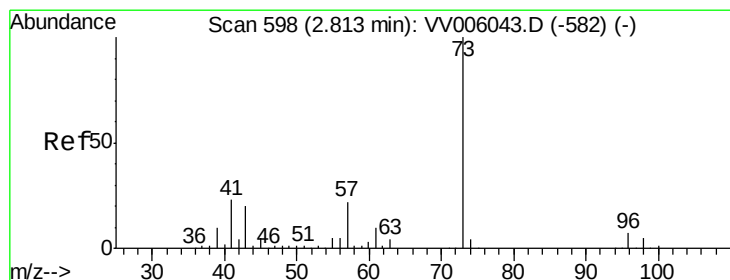
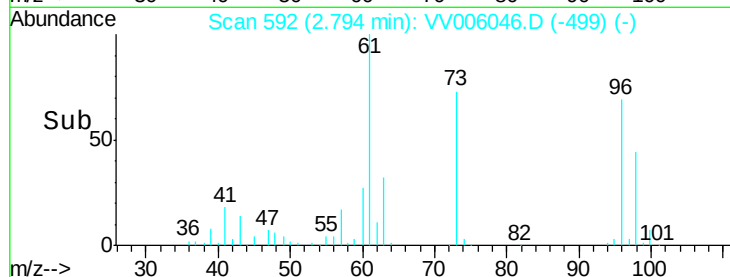
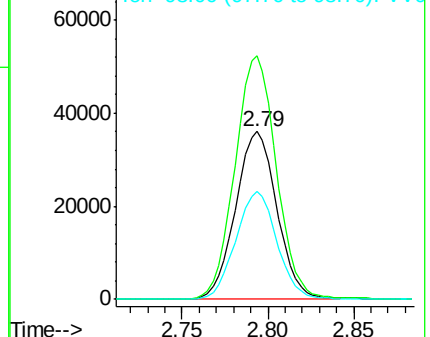
98 64.0 44.9 83.3



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: 47.43 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

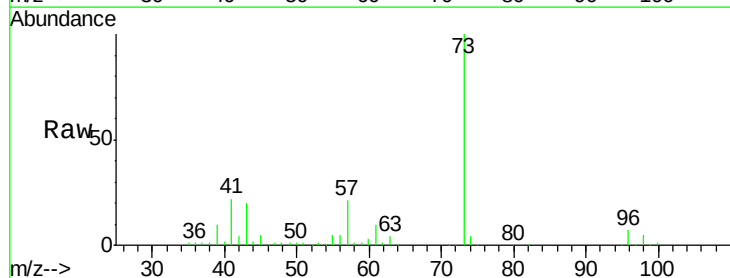
Tgt Ion: 73 Resp: 201186

Ion Ratio Lower Upper

73 100

43 20.2 16.2 24.2

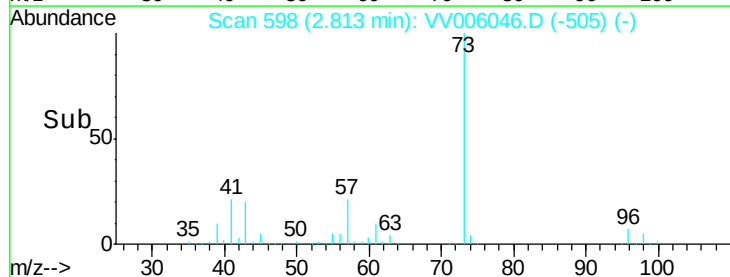
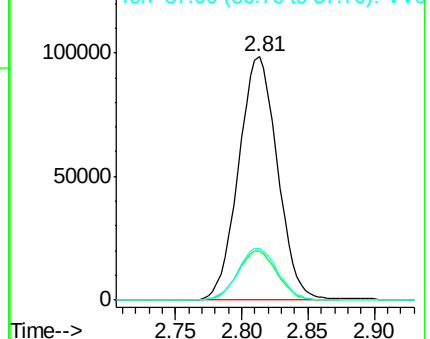
57 22.0 17.8 26.8

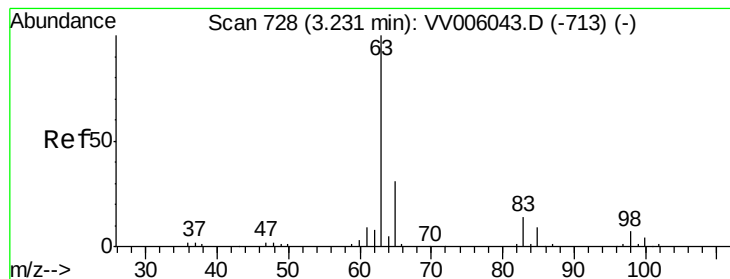


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 47.55 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

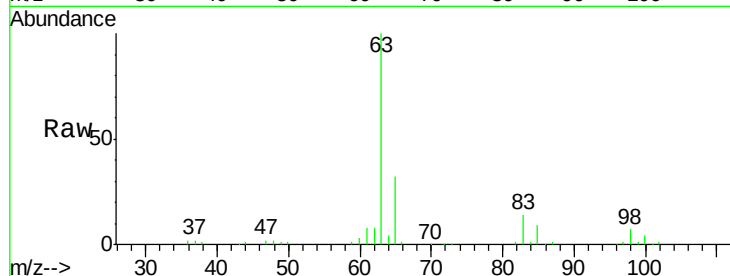
Tgt Ion: 63 Resp: 122933

Ion Ratio Lower Upper

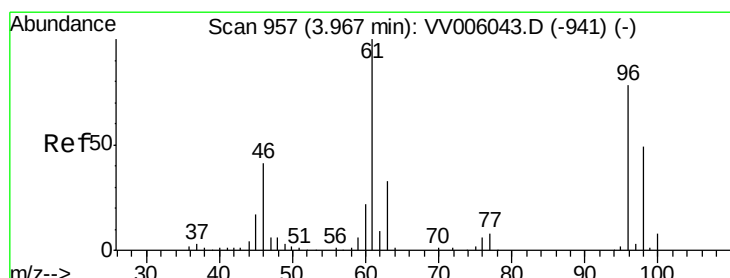
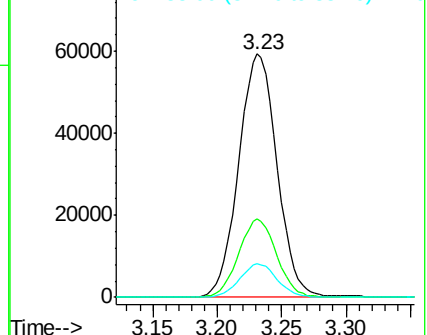
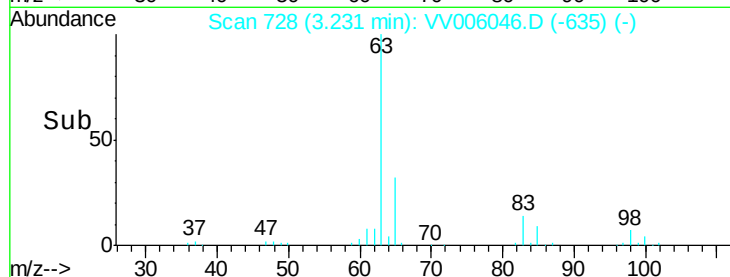
63 100

65 32.1 21.9 40.7

83 13.7 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV006046.D (-635) (-)



#20

cis-1,2-Dichloroethene

Concen: 48.13 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

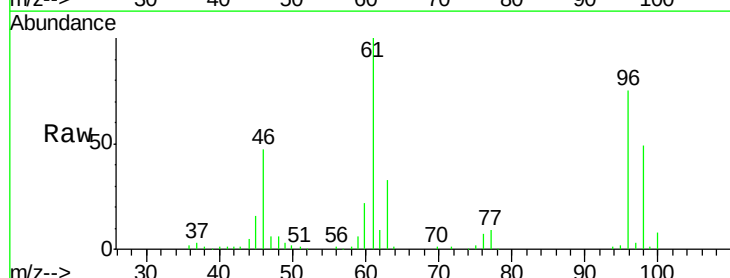
Tgt Ion: 96 Resp: 72631

Ion Ratio Lower Upper

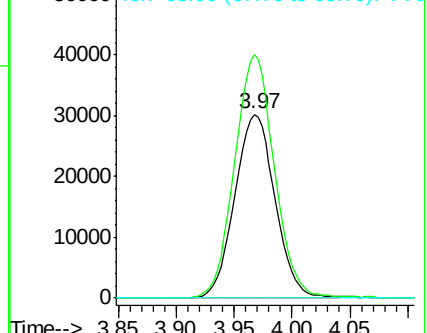
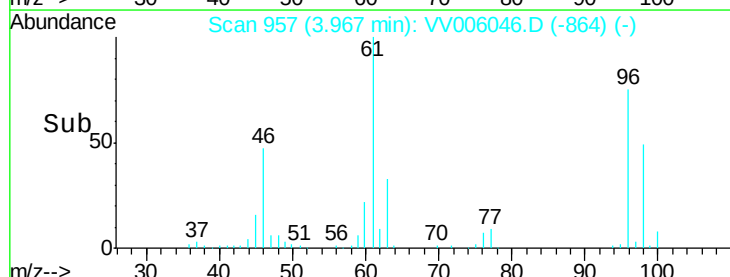
96 100

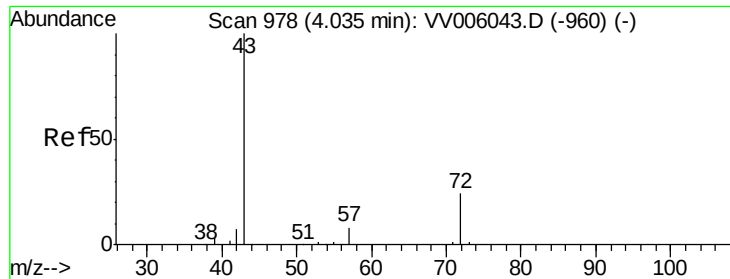
61 132.7 89.9 167.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006046.D (-864) (-)





#22

2-Butanone

Concen: 94.69 ug/L

RT: 4.03 min Scan# 977

Delta R.T. -0.00 min

Lab File: VV006046.D

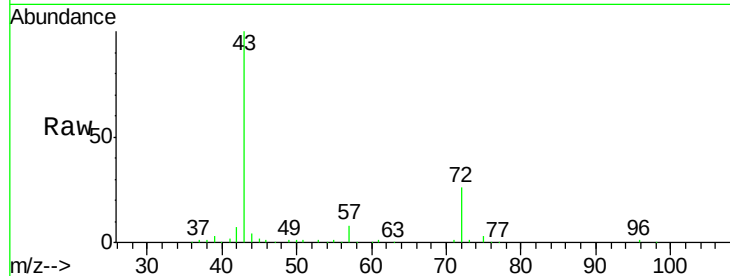
Acq: 25 May 2018 22:47

Tgt Ion: 43 Resp: 106639

Ion Ratio Lower Upper

43 100

72 26.2 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV006046.D (-969) (-)

Ion 72.00 (71.70 to 72.70): VV006046.D (-969) (-)

4.03

50000

40000

30000

20000

10000

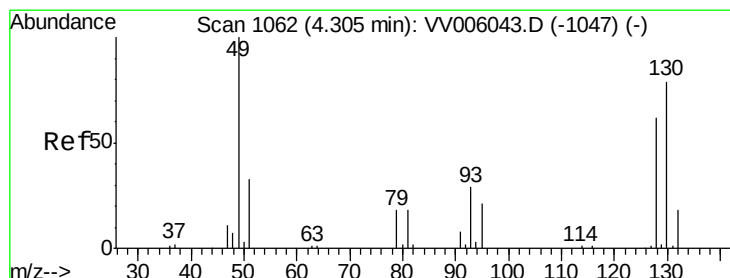
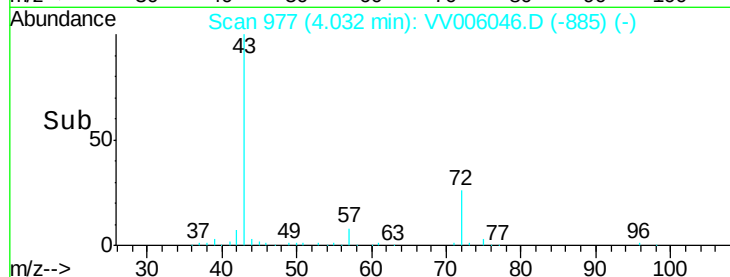
0

Time-->

3.90

4.00

4.10



#23

Bromochloromethane

Concen: 48.65 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

Tgt Ion: 128 Resp: 35762

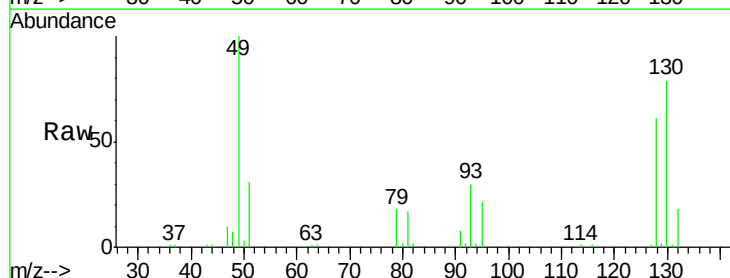
Ion Ratio Lower Upper

128 100

49 162.8 114.0 211.8

130 128.8 90.0 167.2

51 50.5 42.1 63.1



Abundance Ion 128.00 (127.70 to 128.70): VV006046.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006046.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006046.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VV006046.D (-969) (-)

40000

30000

20000

10000

0

Time-->

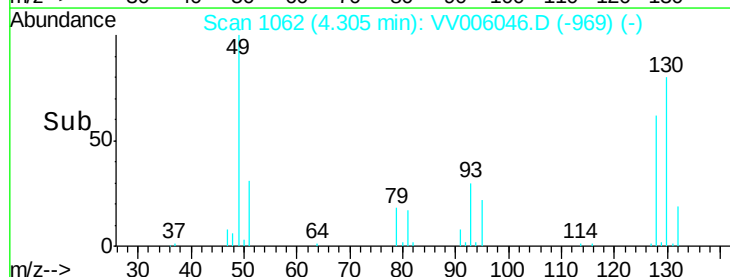
4.20

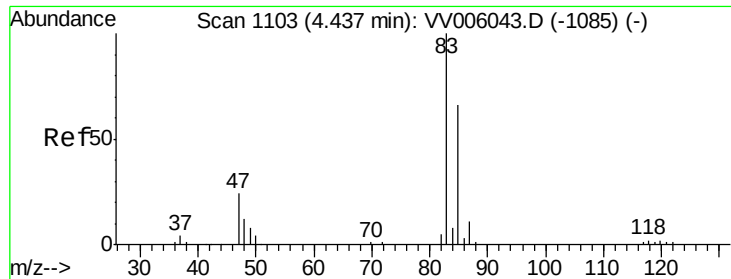
4.25

4.30

4.35

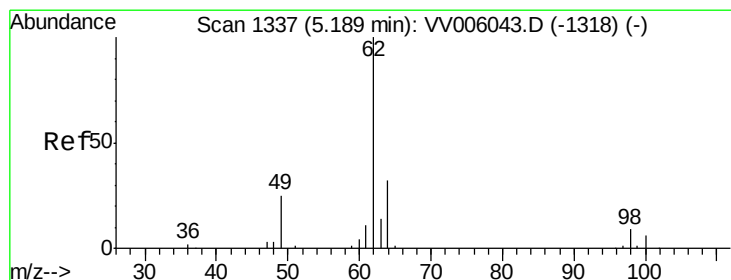
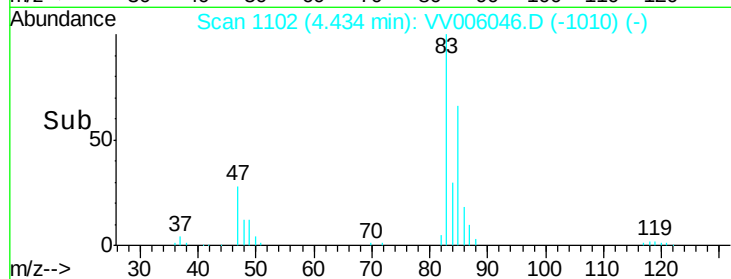
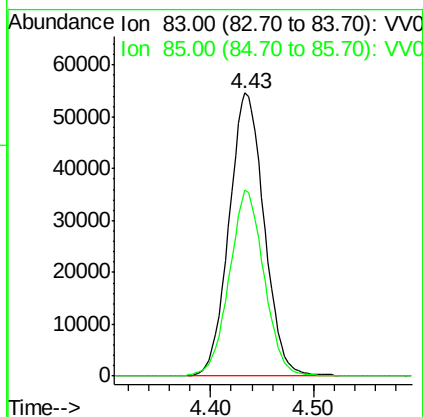
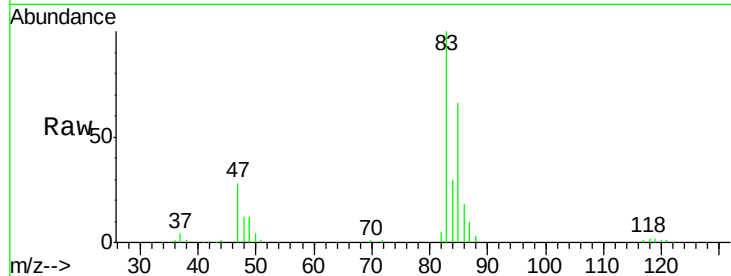
4.40





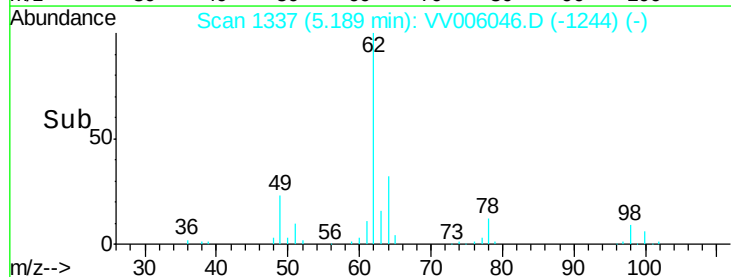
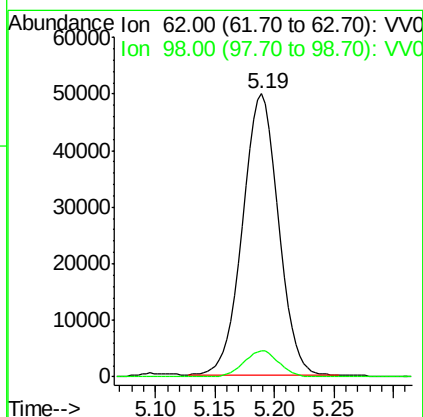
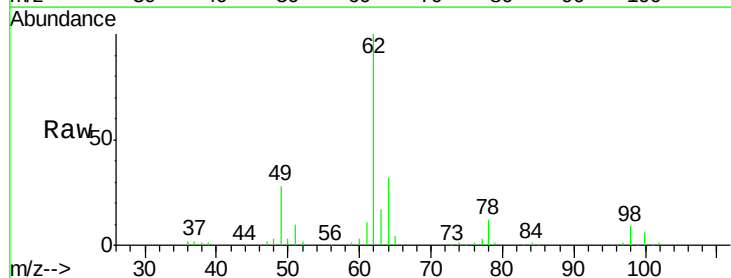
#25
Chloroform
Concen: 47.62 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

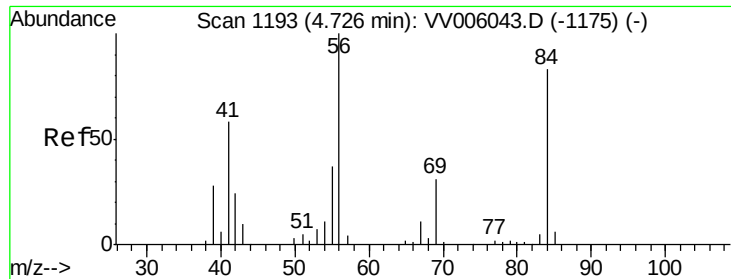
Tgt Ion: 83 Resp: 129327
Ion Ratio Lower Upper
83 100
85 65.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 47.08 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

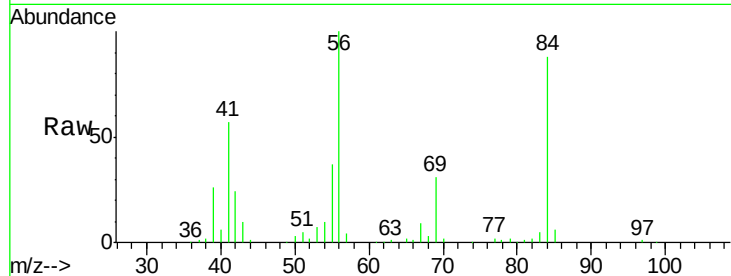
Tgt Ion: 62 Resp: 103872
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9



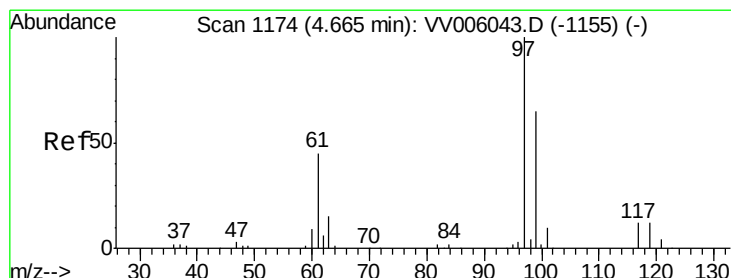
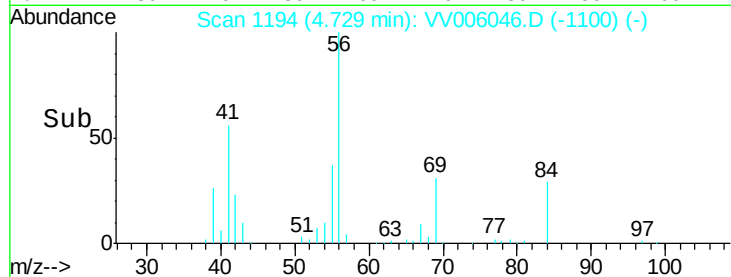
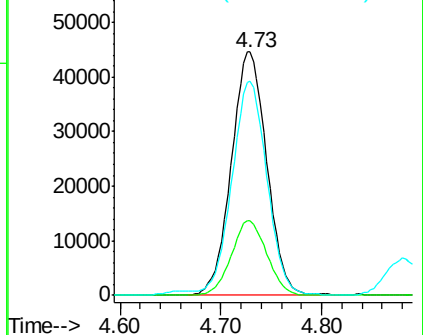


#29
Cyclohexane
Concen: 50.10 ug/L
RT: 4.73 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion: 56 Resp: 108438
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 86.7 70.3 105.5

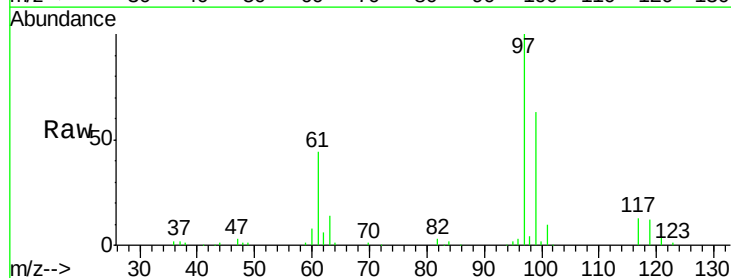


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

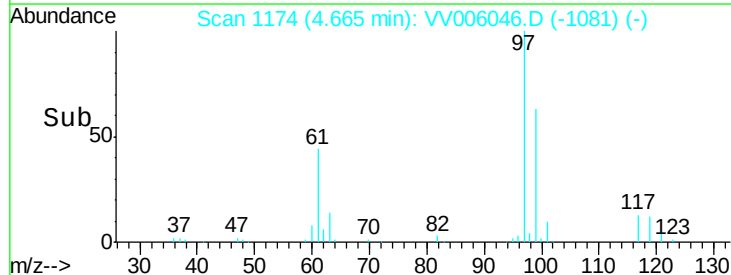
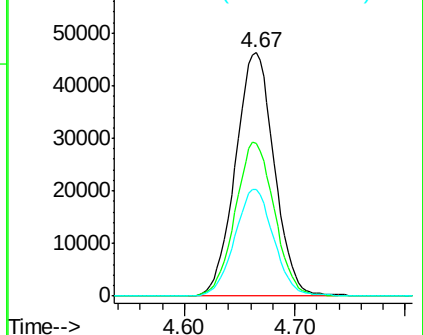


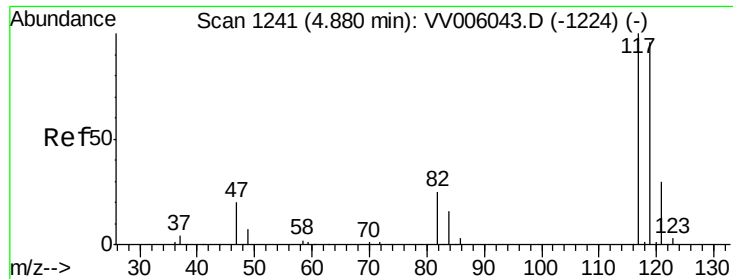
#30
1,1,1-Trichloroethane
Concen: 48.69 ug/L
RT: 4.67 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion: 97 Resp: 112915
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 44.1 36.0 54.0



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.49 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV006046.D

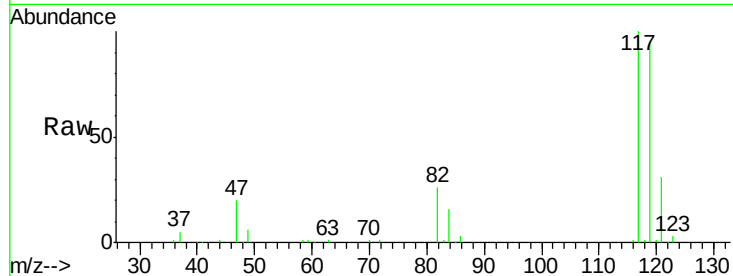
Acq: 25 May 2018 22:47

Tgt Ion: 117 Resp: 99133

Ion Ratio Lower Upper

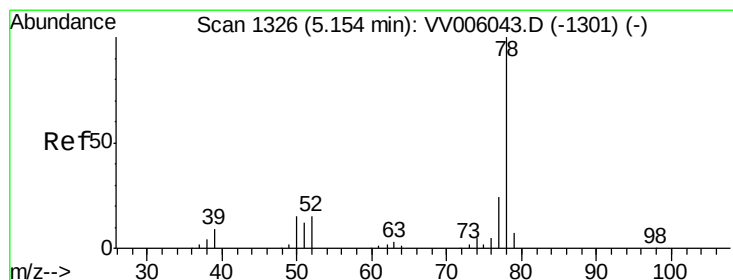
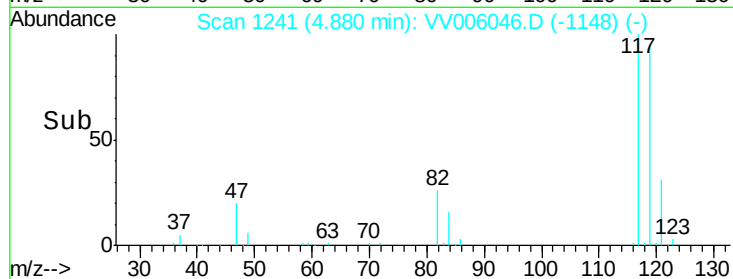
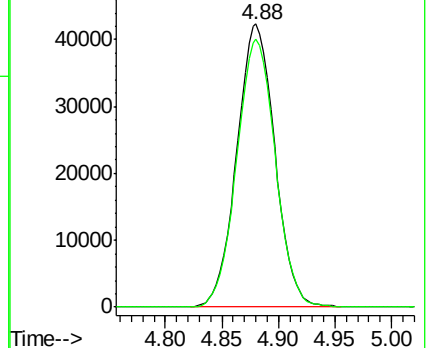
117 100

119 96.1 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: 49.81 ug/L

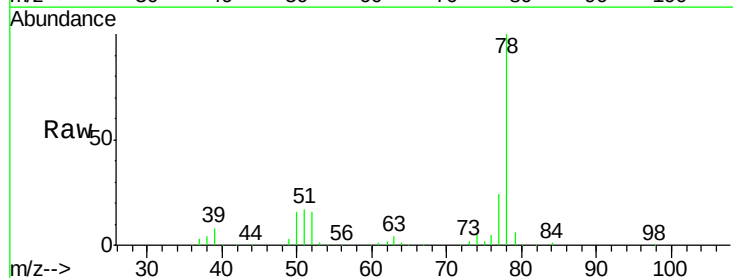
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

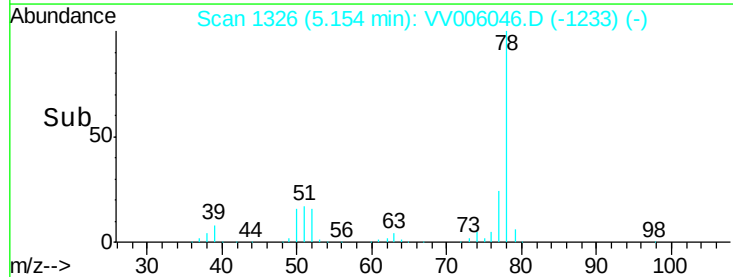
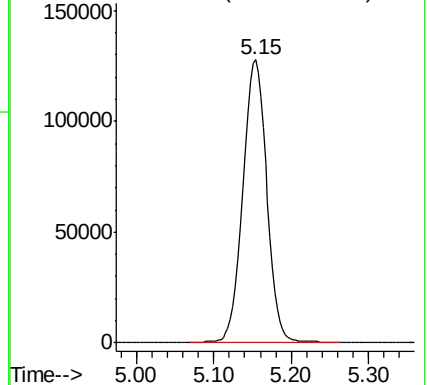
Lab File: VV006046.D

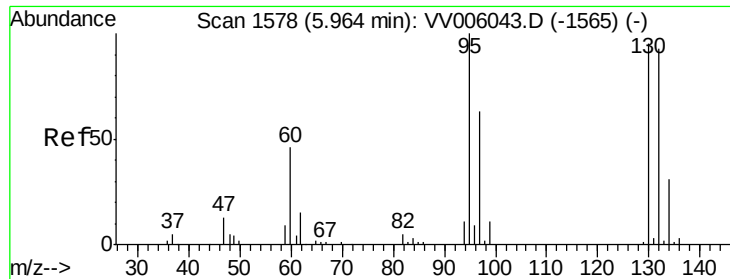
Acq: 25 May 2018 22:47

Tgt Ion: 78 Resp: 275673



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.43 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

Tgt Ion: 95 Resp: 70290

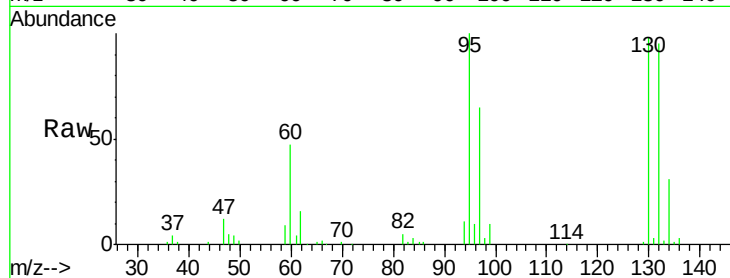
Ion Ratio Lower Upper

95 100

97 64.7 44.0 81.6

132 94.6 65.0 120.6

130 98.0 66.6 123.8

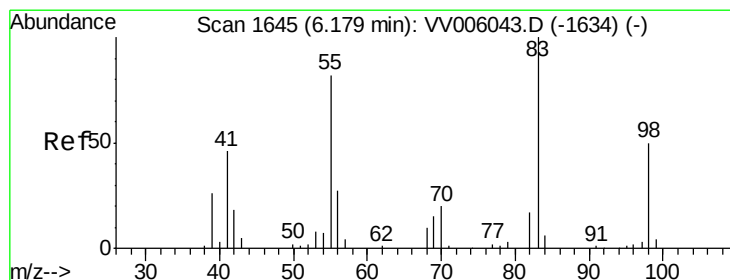
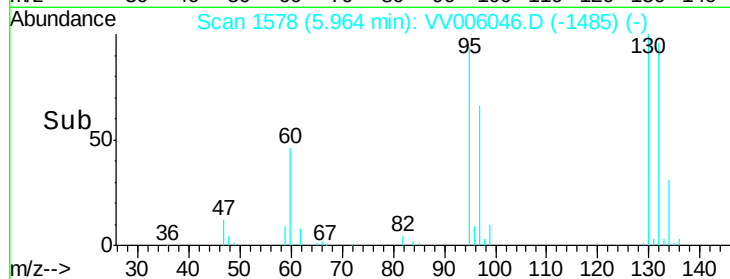
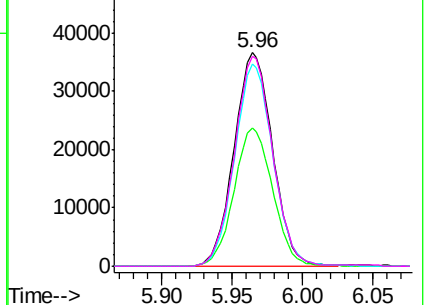


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 51.30 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

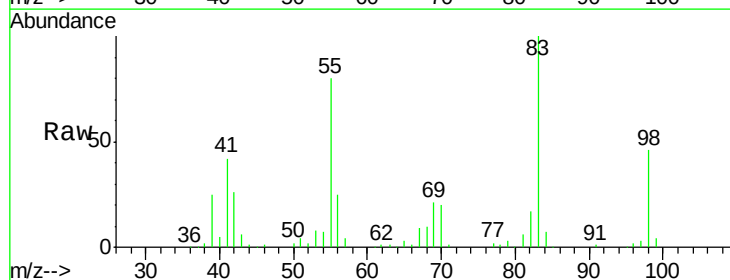
Tgt Ion: 83 Resp: 113614

Ion Ratio Lower Upper

83 100

55 78.7 63.1 94.7

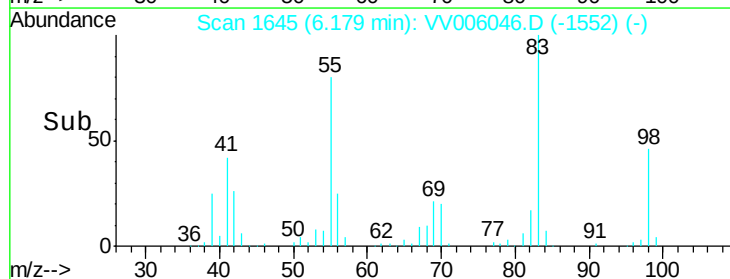
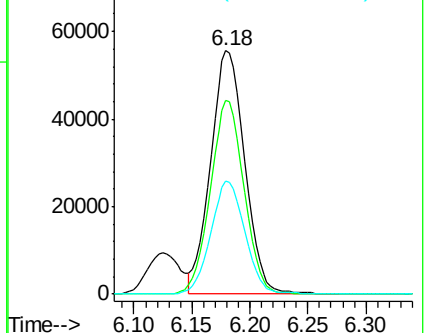
98 46.6 37.8 56.8

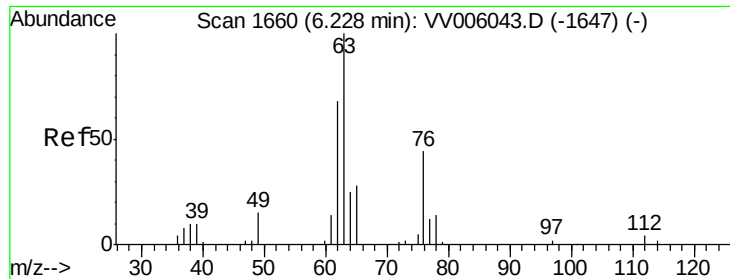


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

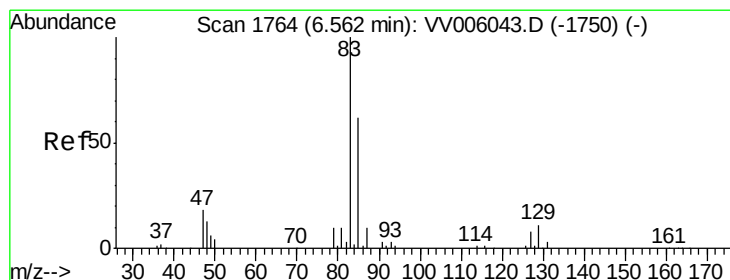
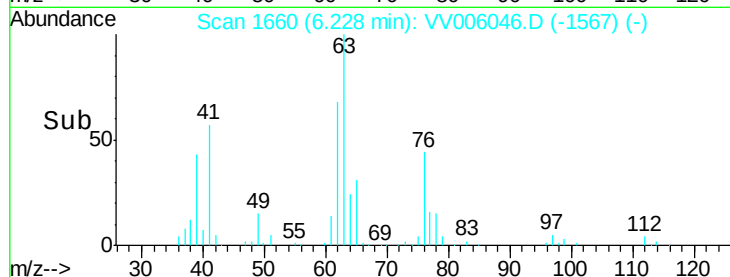
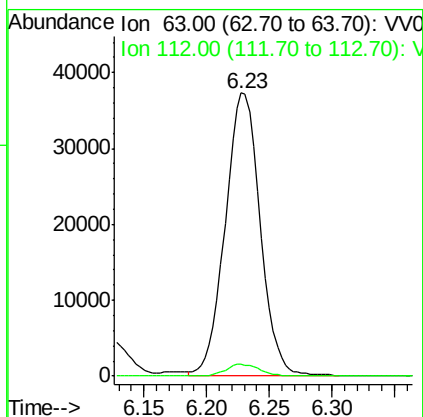
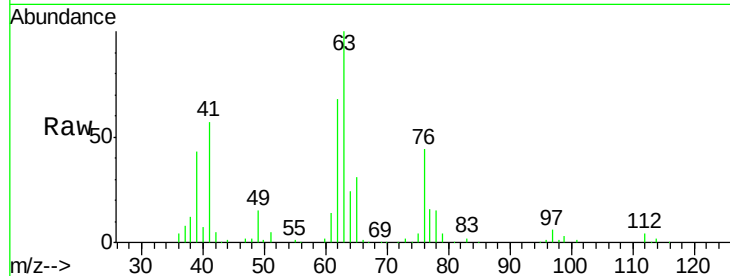
Ion 98.00 (97.70 to 98.70): VV0





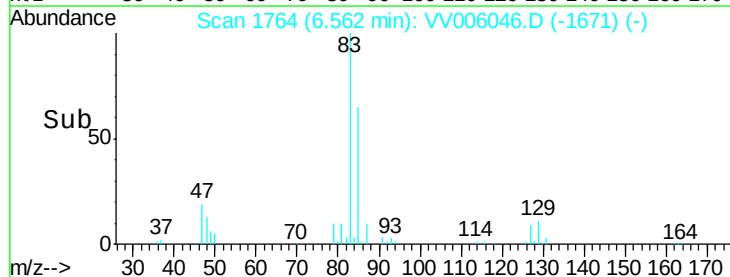
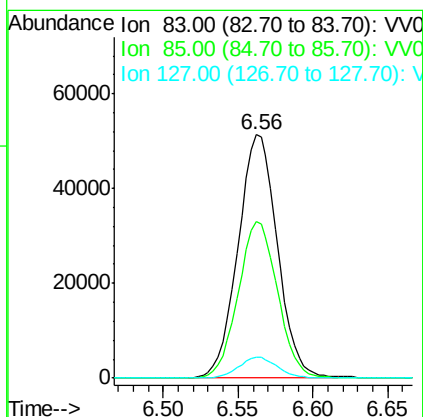
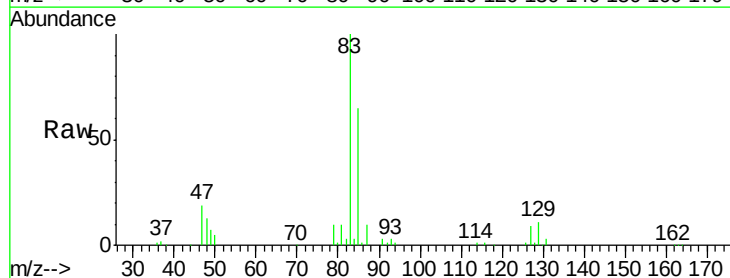
#37
 1,2-Dichloropropane
 Concen: 48.44 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

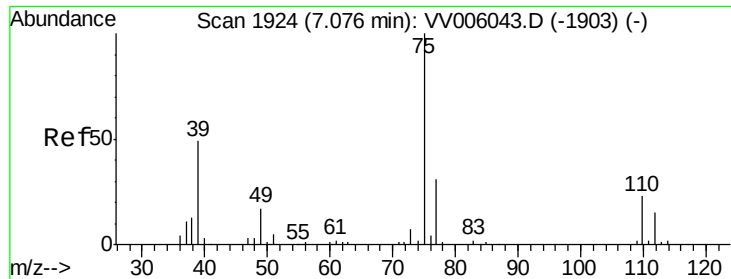
Tgt Ion: 63 Resp: 71757
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.4 5.2



#38
 Bromodichloromethane
 Concen: 49.10 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

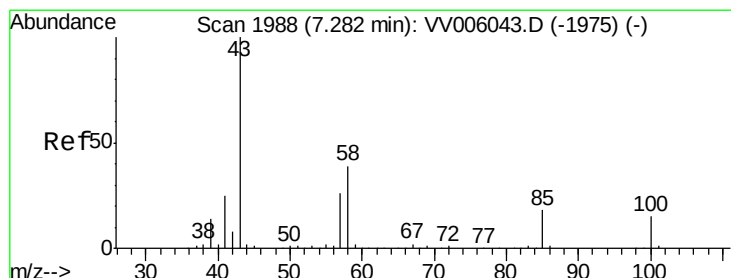
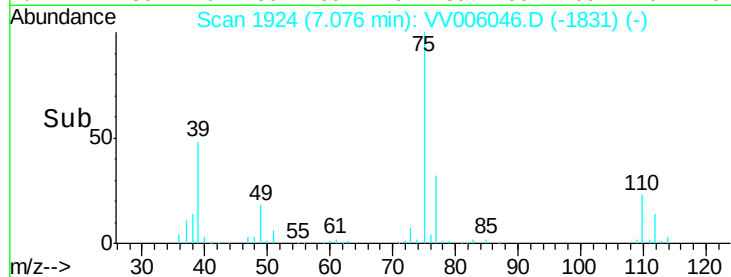
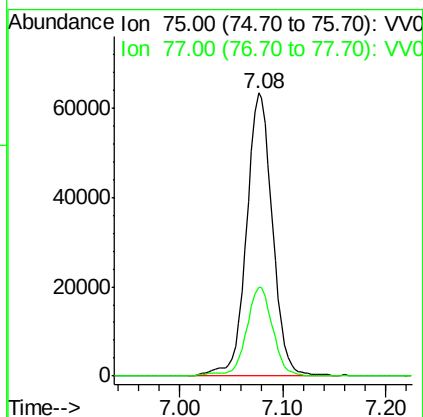
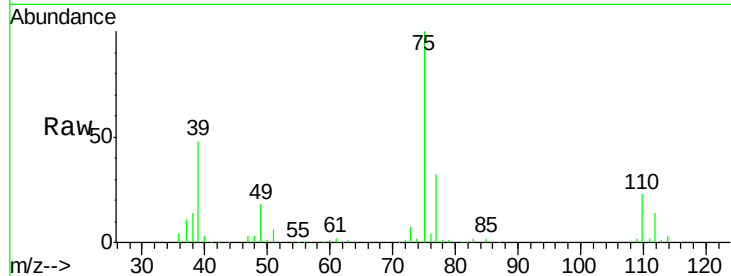
Tgt Ion: 83 Resp: 94194
 Ion Ratio Lower Upper
 83 100
 85 64.6 43.7 81.1
 127 8.6 6.6 10.0





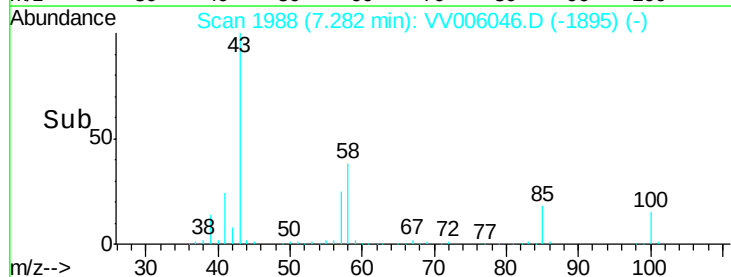
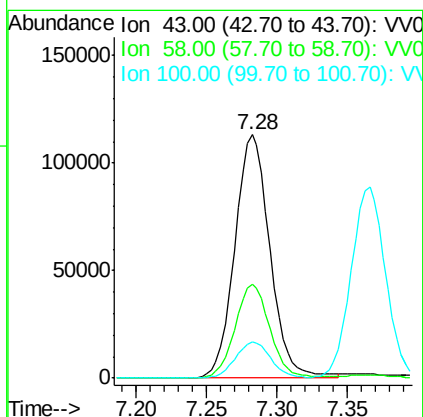
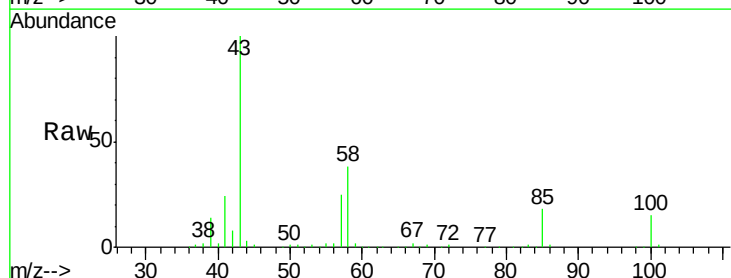
#39
 cis-1,3-Dichloropropene
 Concen: 50.74 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

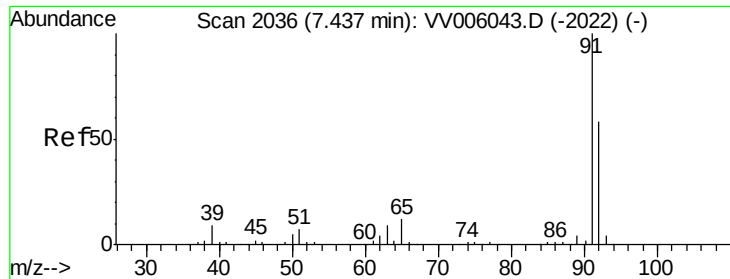
Tgt Ion: 75 Resp: 110634
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 100.86 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion: 43 Resp: 197973
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.7 46.1
 100 14.9 12.1 18.1





#42

Toluene

Concen: 50.55 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006046.D

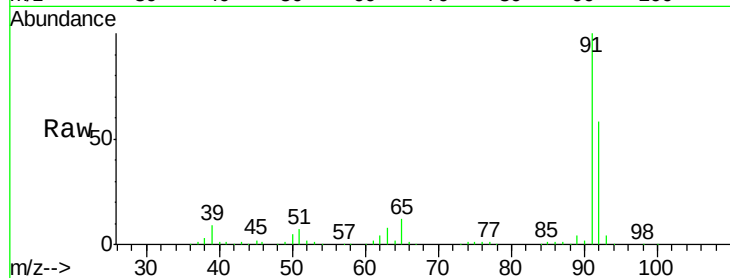
Acq: 25 May 2018 22:47

Tgt Ion: 91 Resp: 290600

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

200000

150000

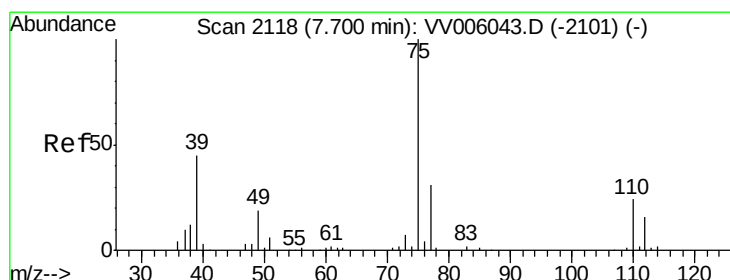
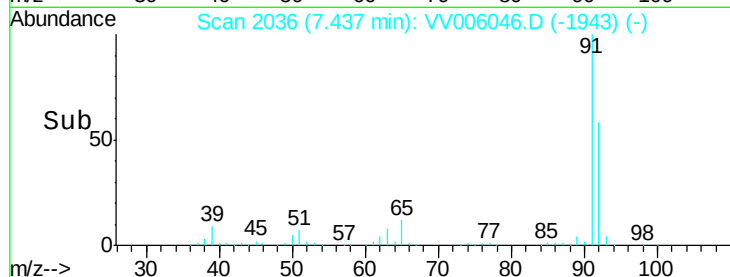
100000

50000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.68 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006046.D

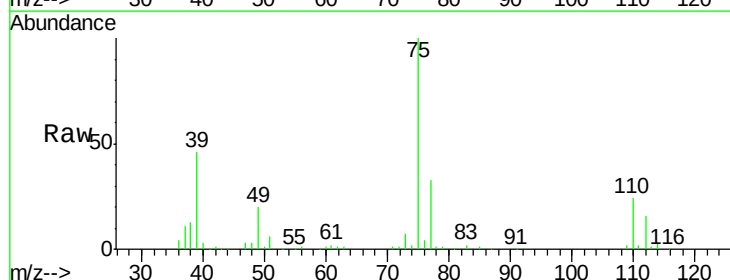
Acq: 25 May 2018 22:47

Tgt Ion: 75 Resp: 104107

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

60000

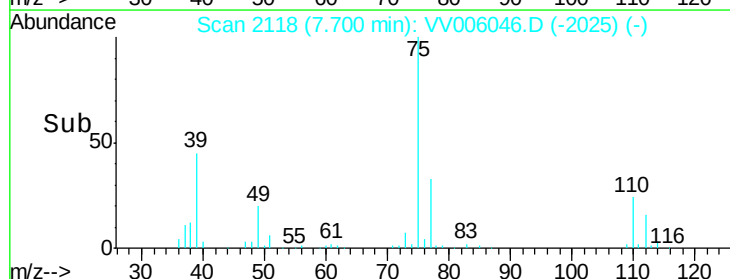
40000

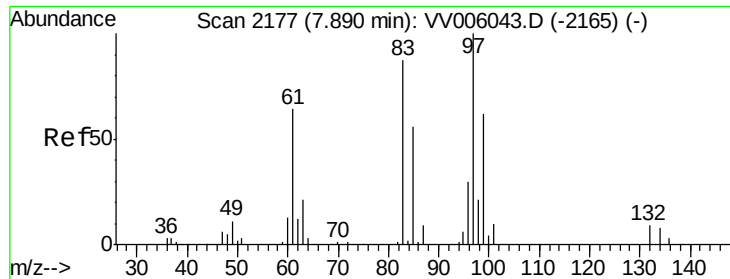
20000

0

7.60 7.65 7.70 7.75 7.80

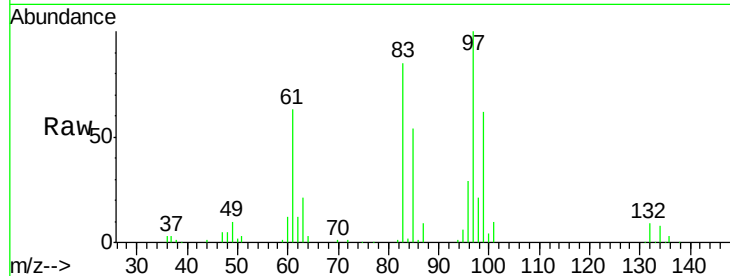
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 49.24 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion:	97	Resp:	69353
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.6	81.0
83	84.5	60.7	112.7
85	54.0	39.3	72.9

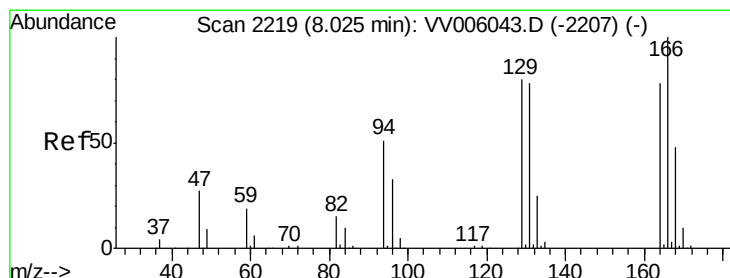
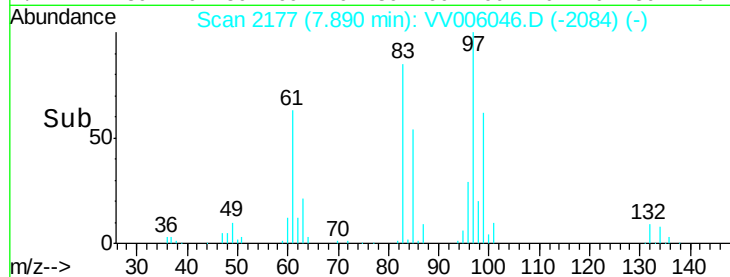
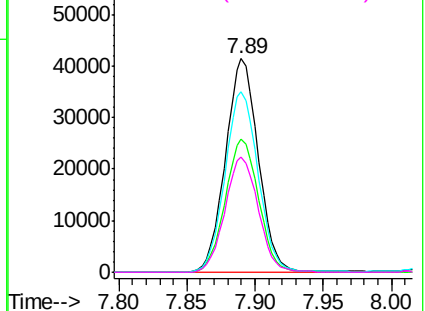


Abundance Ion 97.00 (96.70 to 97.70): VV006046.D (-2084) (-)

Ion 99.00 (98.70 to 99.70): VV006046.D (-2084) (-)

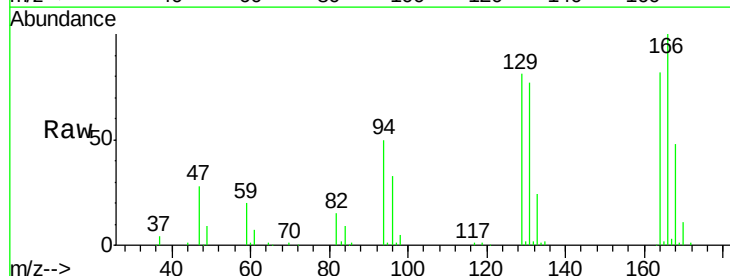
Ion 83.00 (82.70 to 83.70): VV006046.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006046.D (-2084) (-)



#46
 Tetrachloroethene
 Concen: 49.71 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion:	164	Resp:	53138
Ion	Ratio	Lower	Upper
164	100		
129	99.1	72.2	134.2
131	94.2	70.0	130.0
166	122.7	90.4	167.8

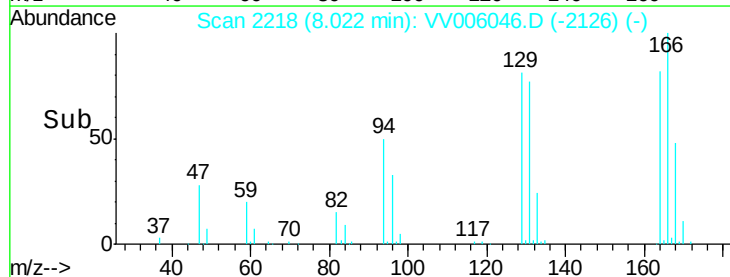
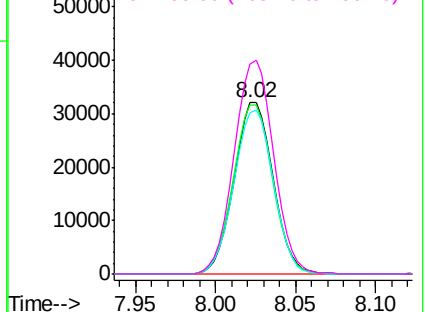


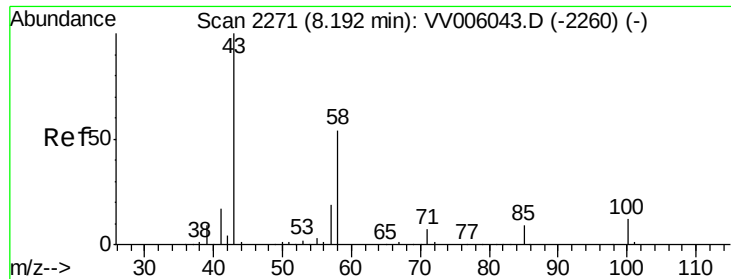
Abundance Ion 164.00 (163.70 to 164.70): VV006046.D (-2126) (-)

Ion 129.00 (128.70 to 129.70): VV006046.D (-2126) (-)

Ion 131.00 (130.70 to 131.70): VV006046.D (-2126) (-)

Ion 166.00 (165.70 to 166.70): VV006046.D (-2126) (-)

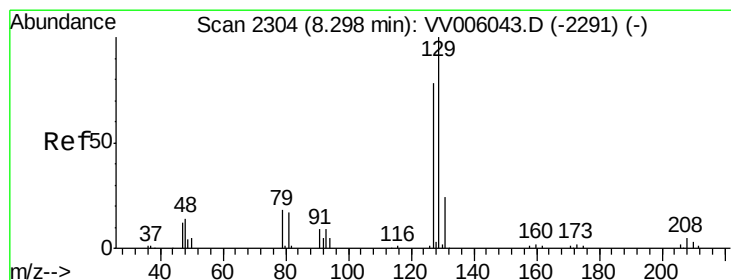
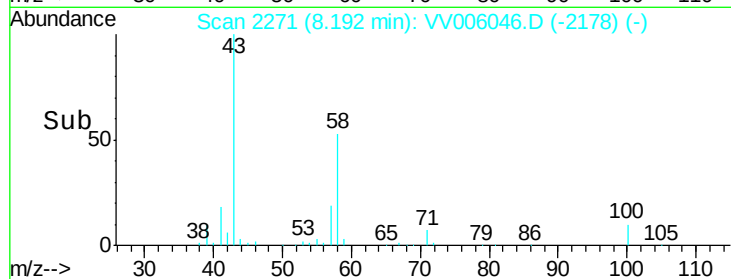
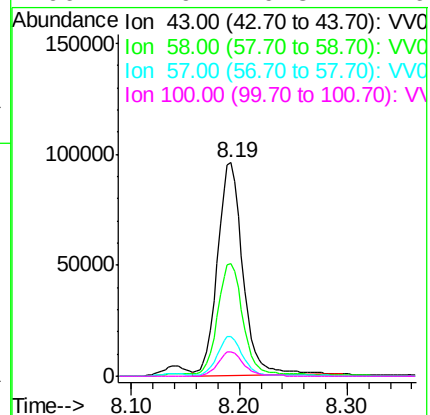
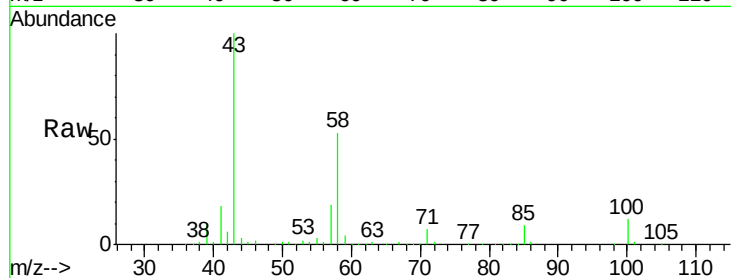




#48
2-Hexanone
Concen: 104.53 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion: 43 Resp: 156801

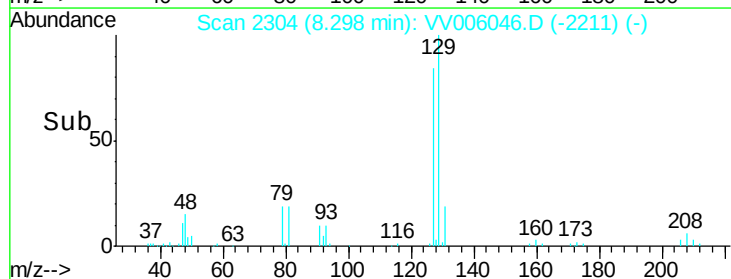
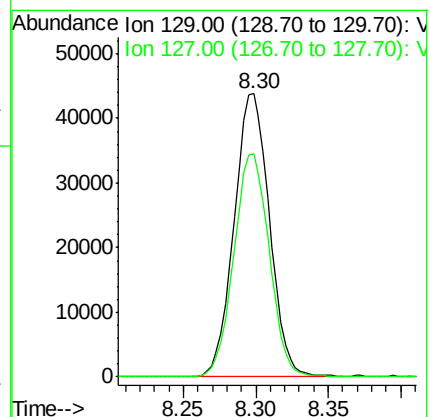
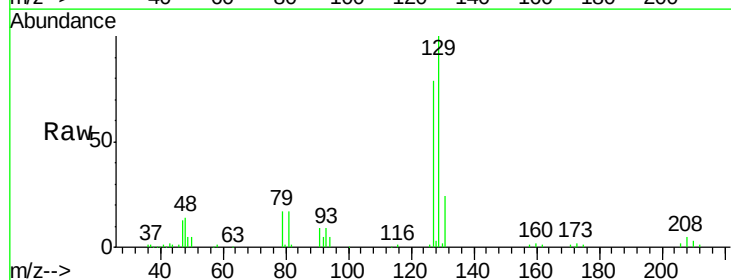
Ion	Ratio	Lower	Upper
43	100		
58	53.7	45.4	68.2
57	17.6	15.9	23.9
100	11.9	9.8	14.6

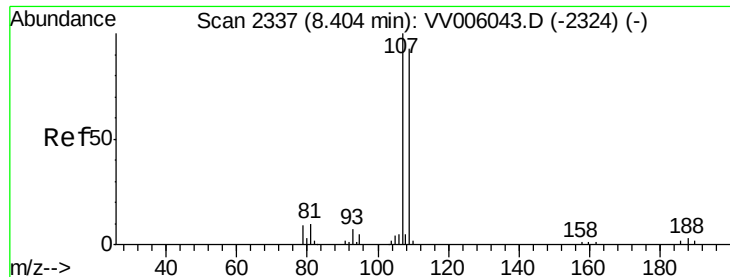


#49
Dibromochloromethane
Concen: 49.64 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion: 129 Resp: 74173

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.8	101.8





#50

1,2-Dibromoethane

Concen: 49.25 ug/L

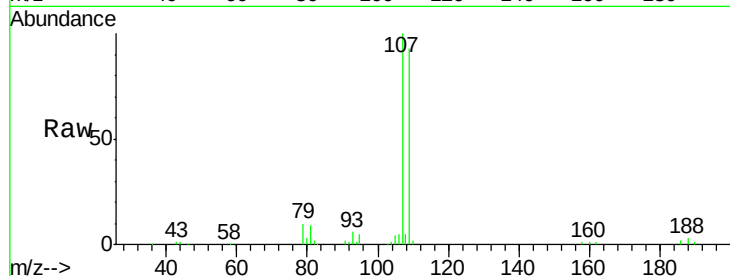
RT: 8.40 min Scan# 2336

Delta R.T. -0.00 min

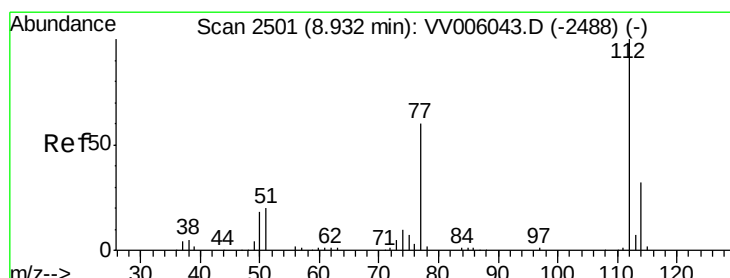
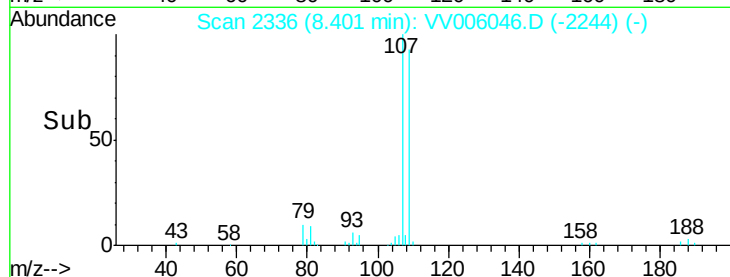
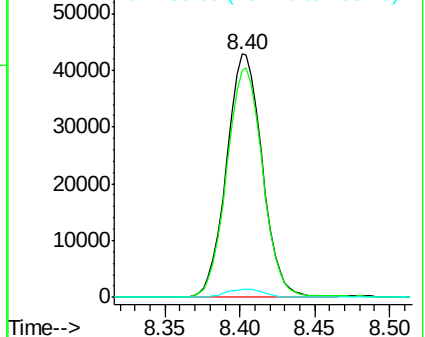
Lab File: VV006046.D

Acq: 25 May 2018 22:47

Tgt Ion:	107	Resp:	71515
Ion	Ratio	Lower	Upper
107	100		
109	93.3	64.8	120.4
188	3.4	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: 48.84 ug/L

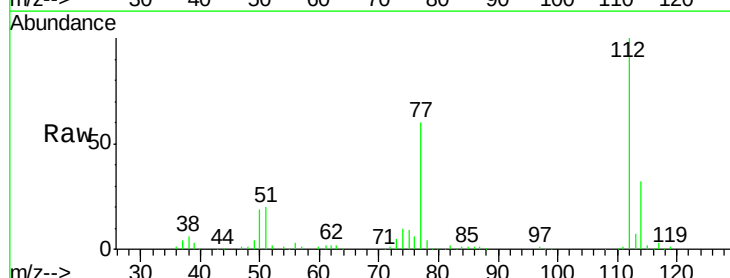
RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

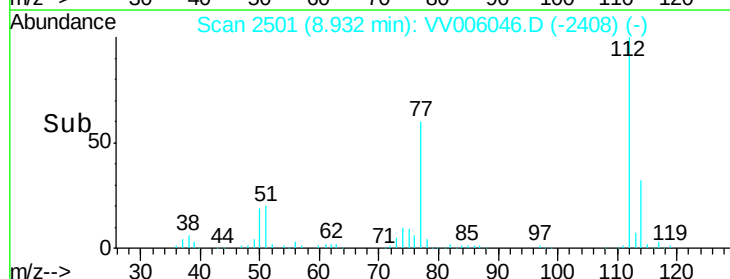
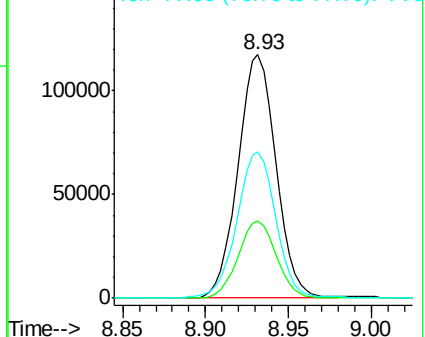
Lab File: VV006046.D

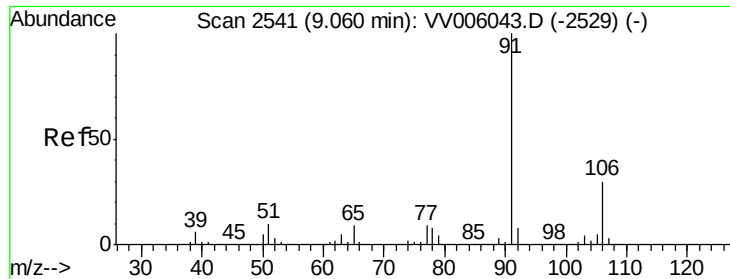
Acq: 25 May 2018 22:47

Tgt Ion:	112	Resp:	187614
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.7	42.1
77	59.9	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): VV0





#52

Ethylbenzene

Concen: 51.13 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006046.D

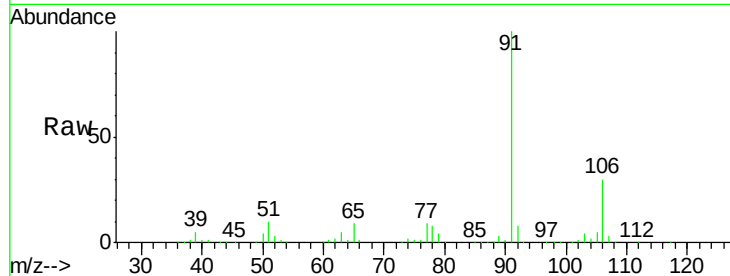
Acq: 25 May 2018 22:47

Tgt Ion: 91 Resp: 323876

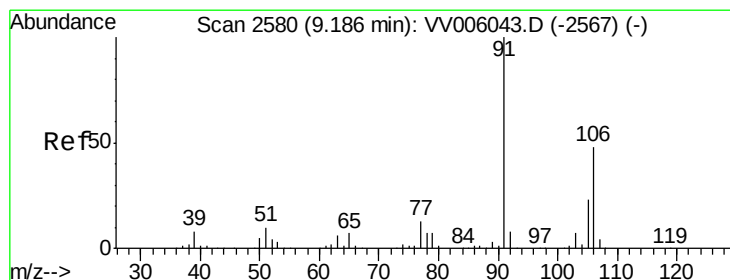
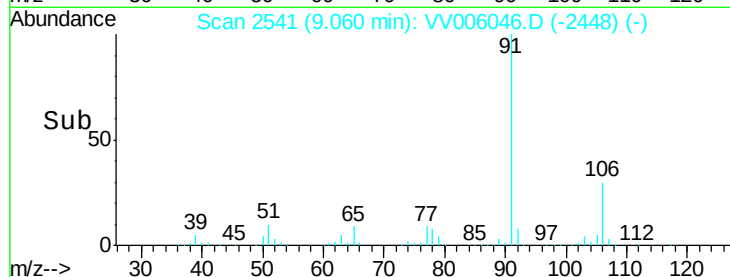
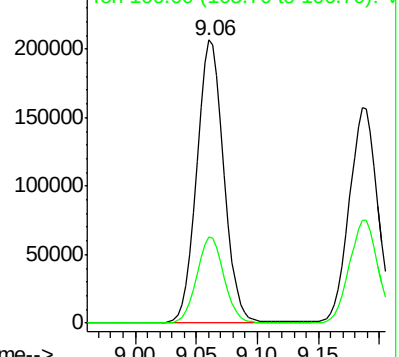
Ion Ratio Lower Upper

91 100

106 30.4 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV006046.D (-2448) (-)



#53

m,p-Xylene

Concen: 51.65 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006046.D

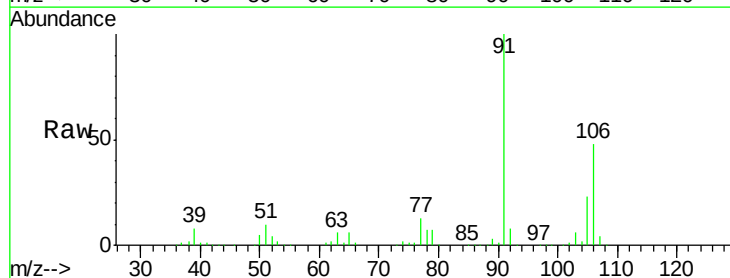
Acq: 25 May 2018 22:47

Tgt Ion: 106 Resp: 120761

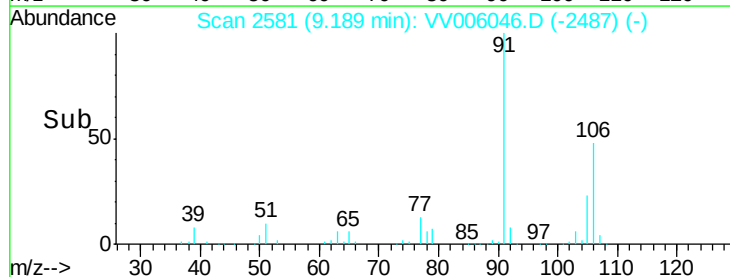
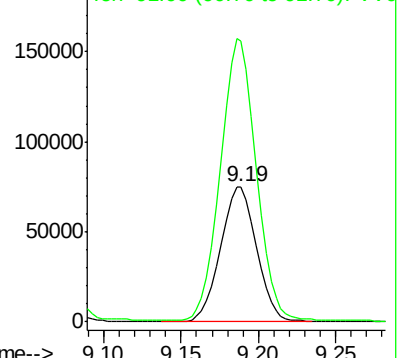
Ion Ratio Lower Upper

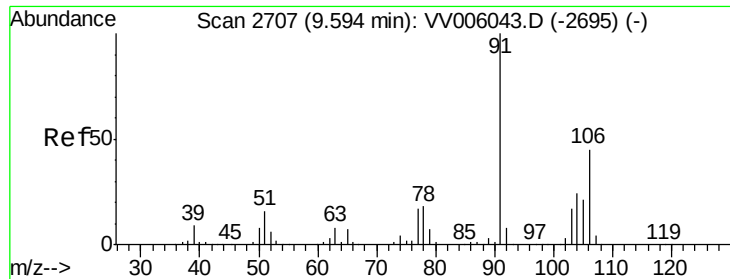
106 100

91 208.6 146.4 271.8



Abundance Ion 106.00 (105.70 to 106.70): VV006046.D (-2487) (-)





#54

o-xylene

Concen: 52.26 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006046.D

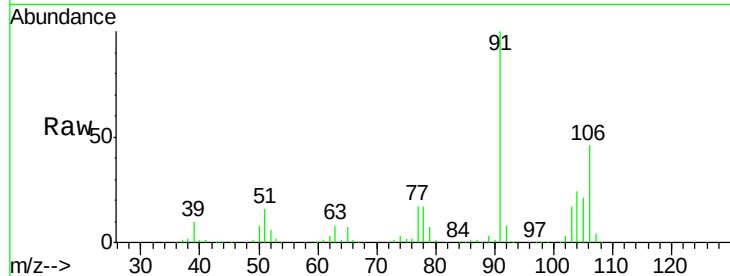
Acq: 25 May 2018 22:47

Tgt Ion:106 Resp: 120812

Ion Ratio Lower Upper

106 100

91 217.5 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

200000

150000

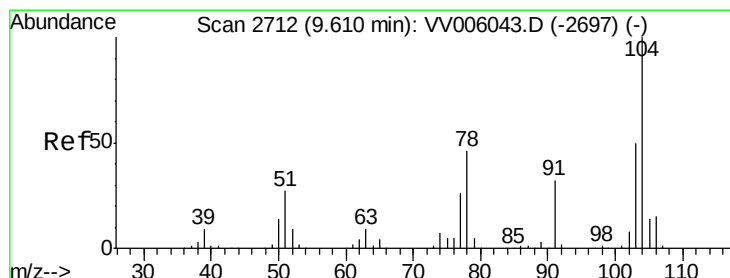
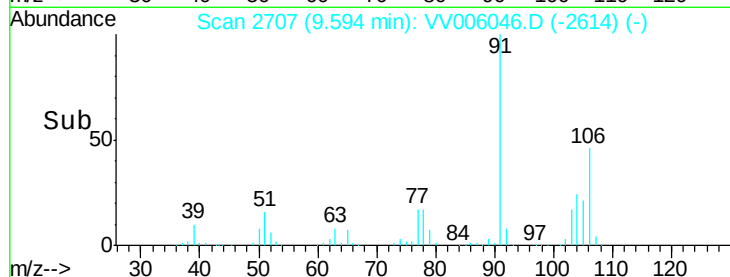
100000

50000

0

9.55 9.60 9.65 9.70

Time-->



#55

Styrene

Concen: 52.29 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006046.D

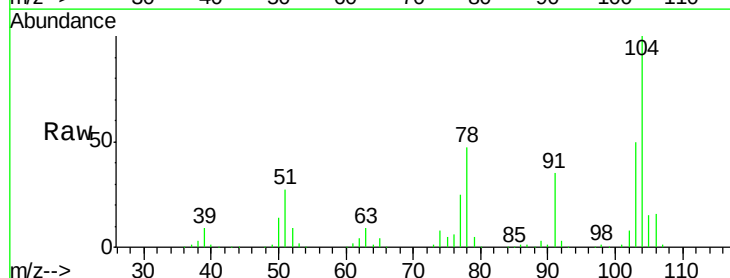
Acq: 25 May 2018 22:47

Tgt Ion:104 Resp: 206873

Ion Ratio Lower Upper

104 100

78 46.6 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

150000

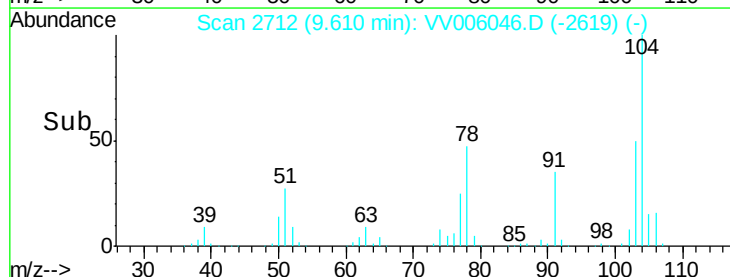
100000

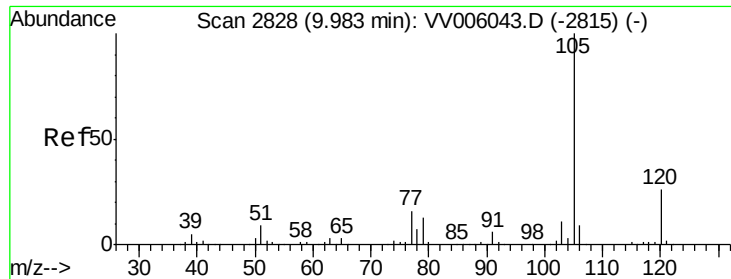
50000

0

9.55 9.60 9.65 9.70

Time-->





#56

Isopropylbenzene

Concen: 52.05 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

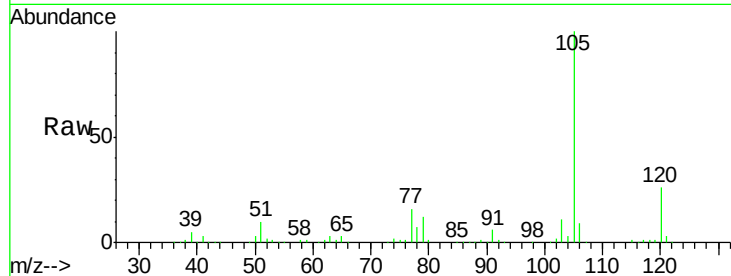
Tgt Ion: 105 Resp: 321386

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

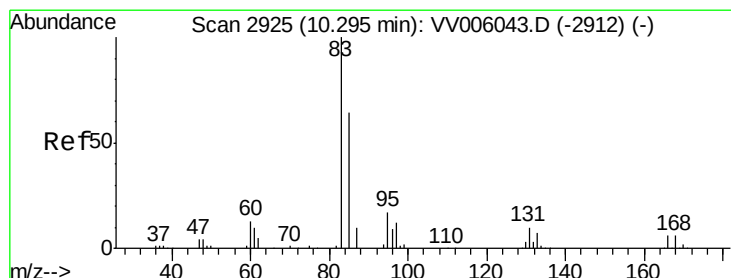
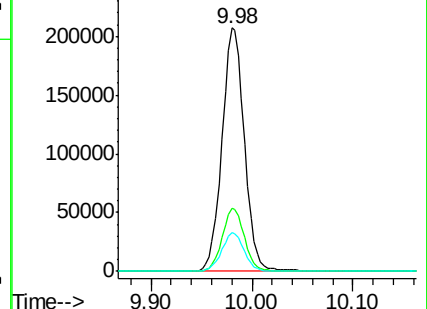
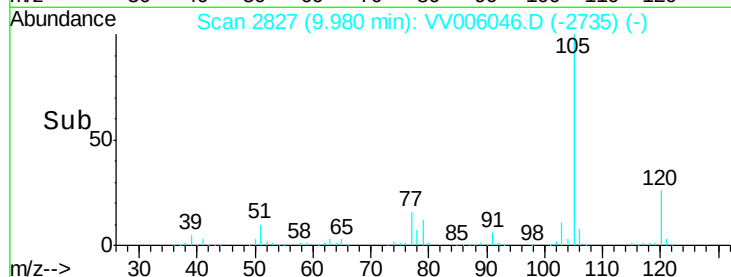
77 15.9 12.9 19.3



Abundance Ion 105.00 (104.70 to 105.70): VV006043.D (-2815) (-)

Ion 120.00 (119.70 to 120.70): VV006043.D (-2815) (-)

Ion 77.00 (76.70 to 77.70): VV006043.D (-2815) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 49.46 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

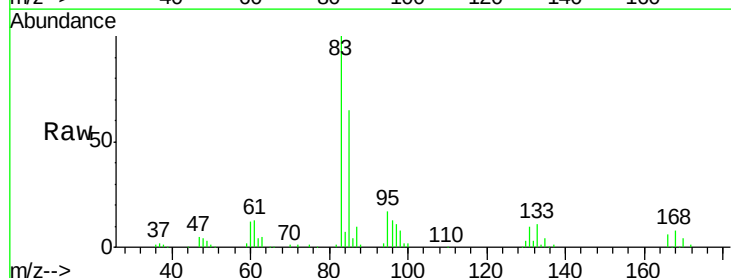
Tgt Ion: 83 Resp: 114254

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.2

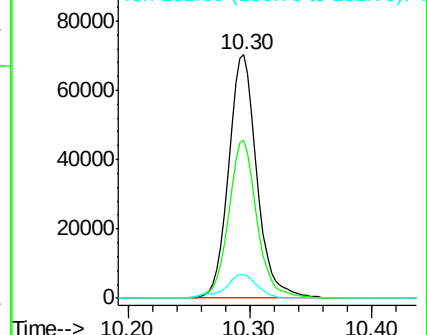
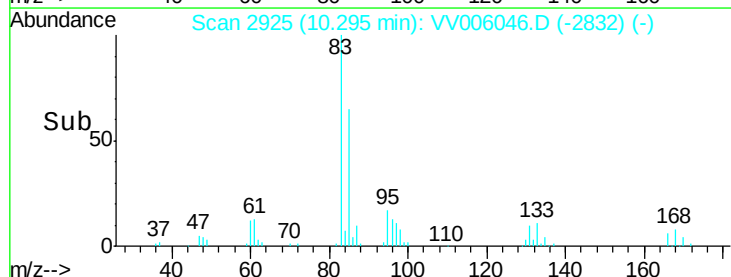
131 9.8 8.5 12.7

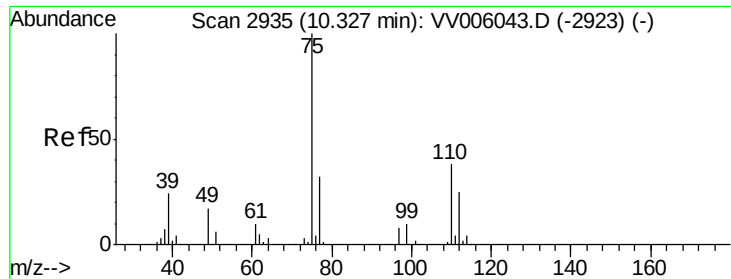


Abundance Ion 83.00 (82.70 to 83.70): VV006043.D (-2912) (-)

Ion 85.00 (84.70 to 85.70): VV006043.D (-2912) (-)

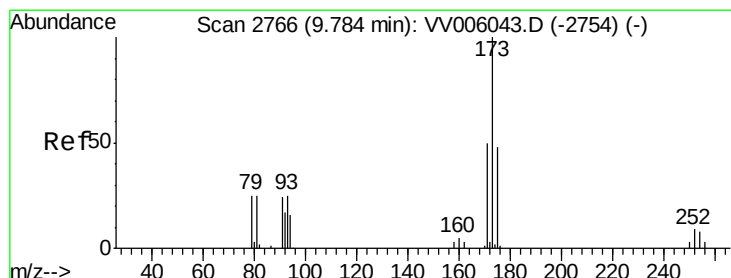
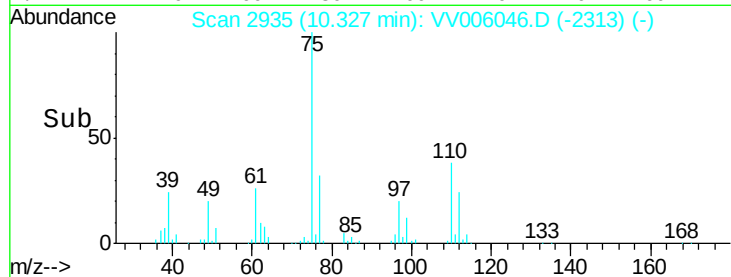
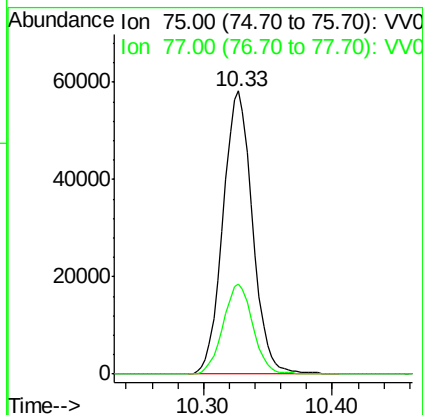
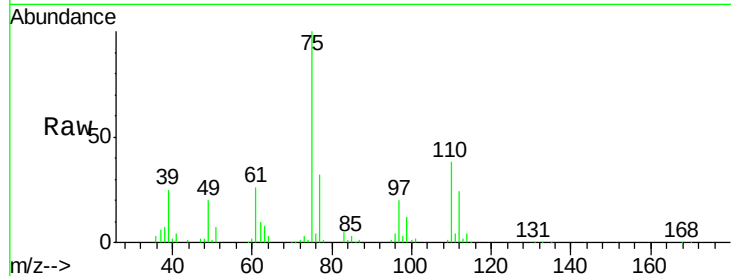
Ion 131.00 (130.70 to 131.70): VV006043.D (-2912) (-)





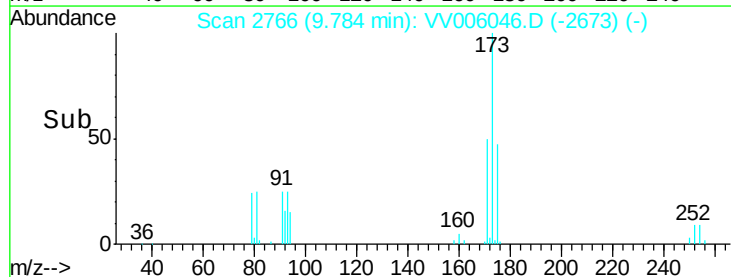
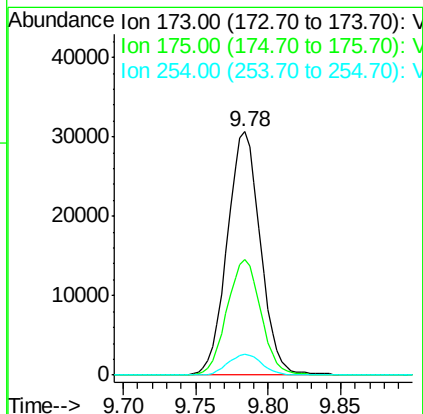
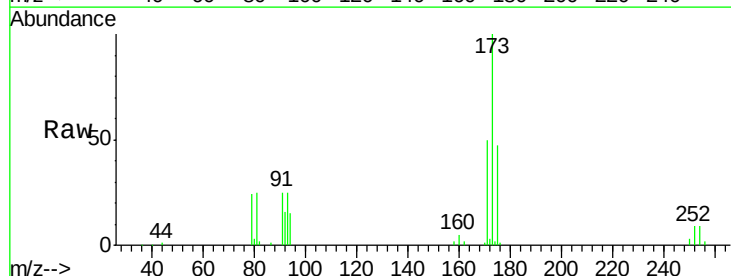
#59
 1,2,3-Trichloropropane
 Concen: 49.00 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

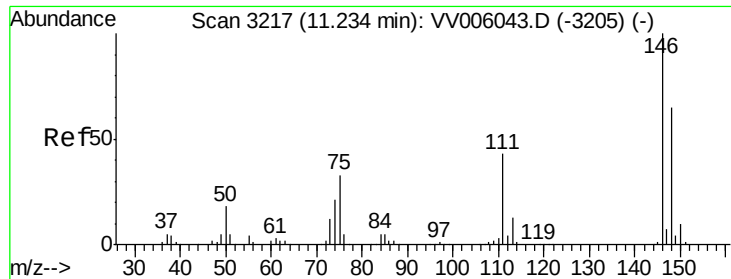
Tgt Ion: 75 Resp: 92532
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#61
 Bromoform
 Concen: 48.78 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion: 173 Resp: 48886
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.6 57.8
 254 8.6 6.3 9.5





#62

1,3-Dichlorobenzene

Concen: 49.84 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

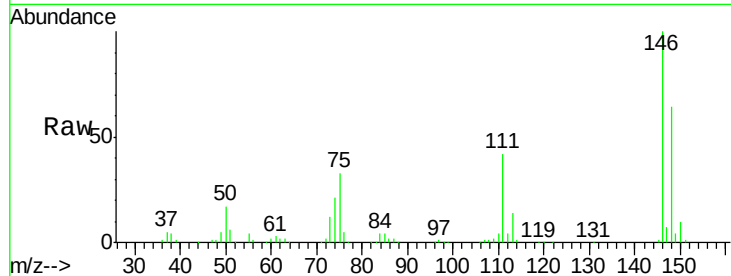
Tgt Ion:146 Resp: 137932

Ion Ratio Lower Upper

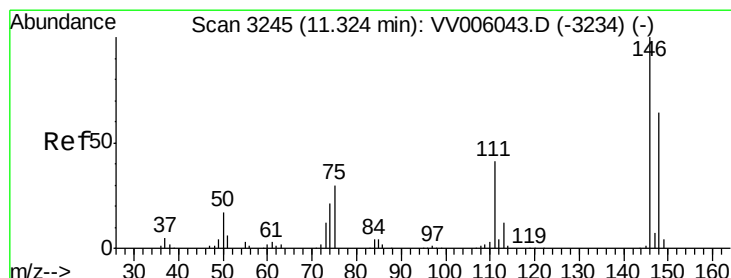
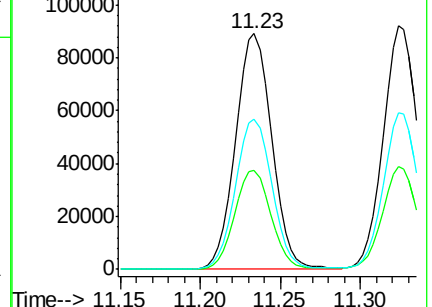
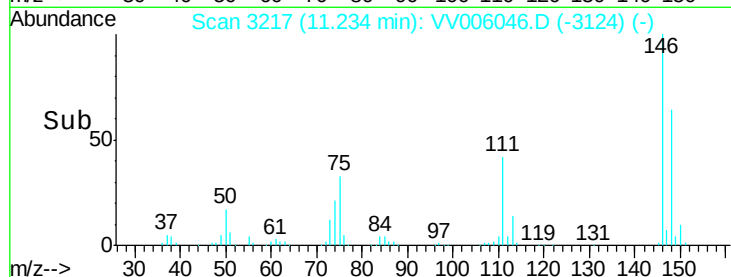
146 100

111 42.1 29.8 55.3

148 63.8 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: 49.11 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006046.D

Acq: 25 May 2018 22:47

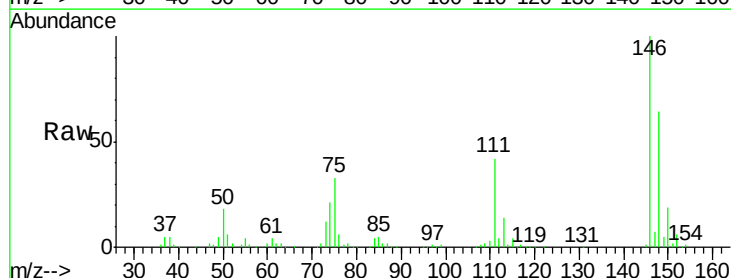
Tgt Ion:146 Resp: 142419

Ion Ratio Lower Upper

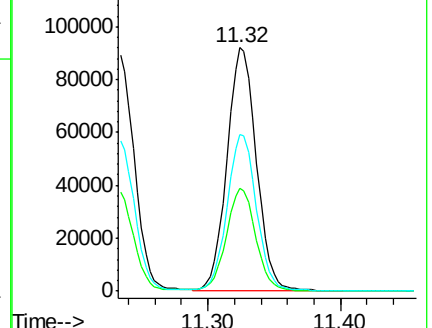
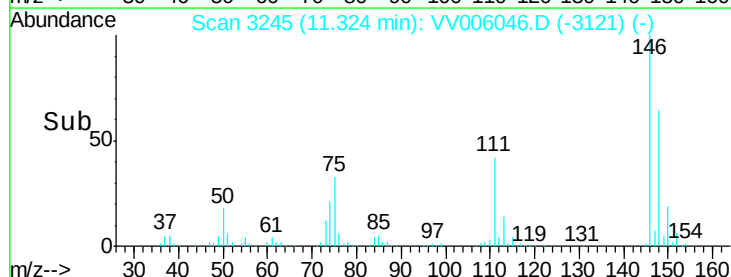
146 100

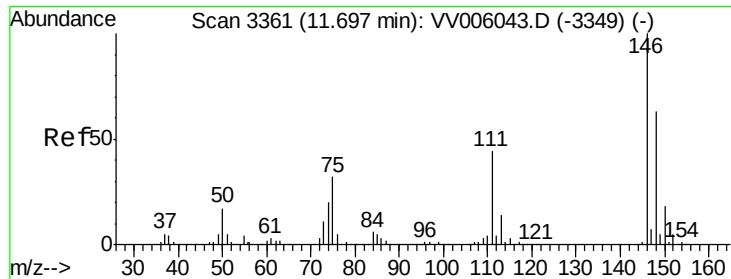
111 42.4 28.8 53.4

148 64.4 44.7 83.1



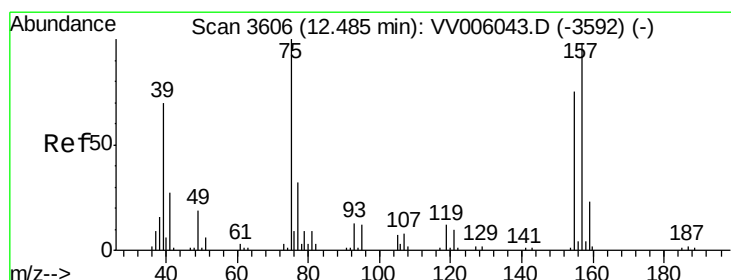
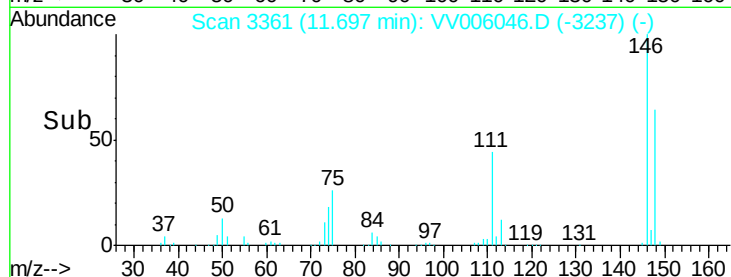
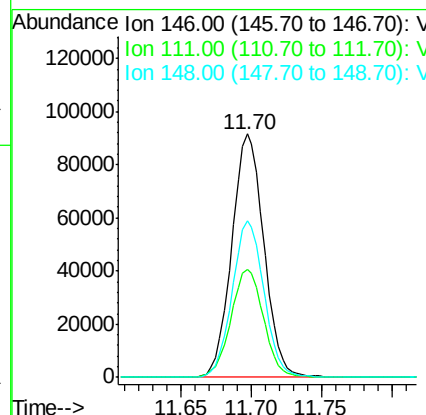
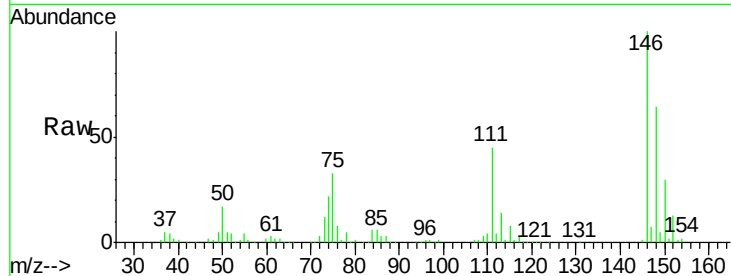
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





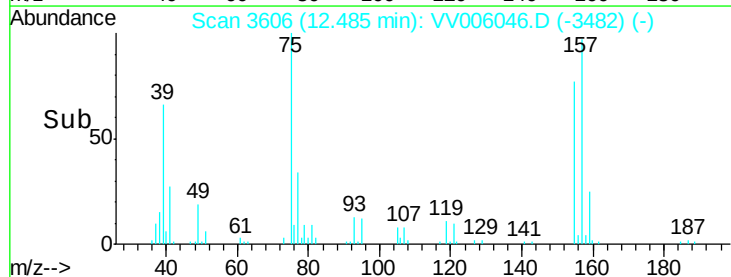
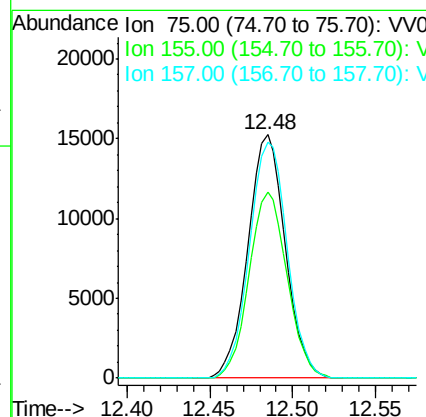
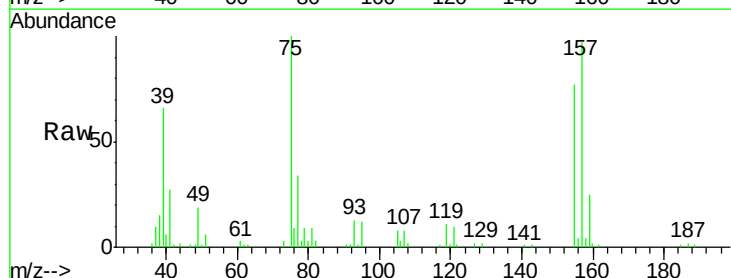
#65
 1,2-Dichlorobenzene
 Concen: 49.08 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

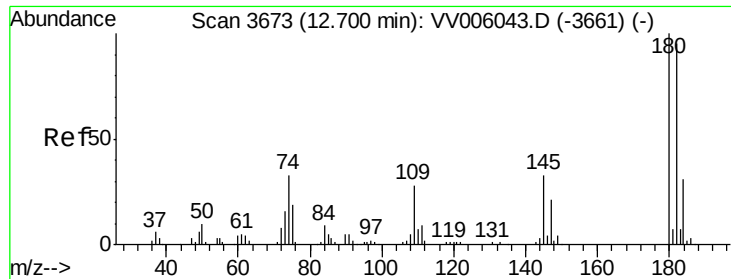
Tgt Ion: 146 Resp: 145930
 Ion Ratio Lower Upper
 146 100
 111 44.5 35.3 52.9
 148 64.2 50.1 75.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 48.28 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

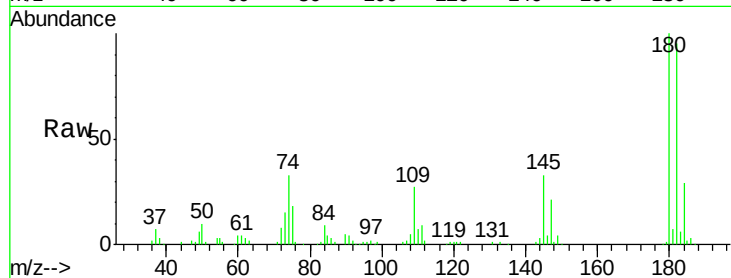
Tgt Ion: 75 Resp: 23954
 Ion Ratio Lower Upper
 75 100
 155 76.6 60.1 90.1
 157 96.8 78.4 117.6



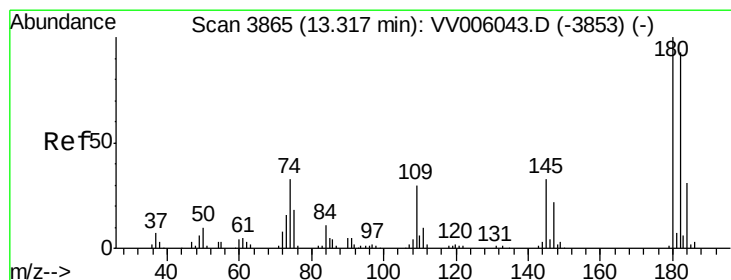
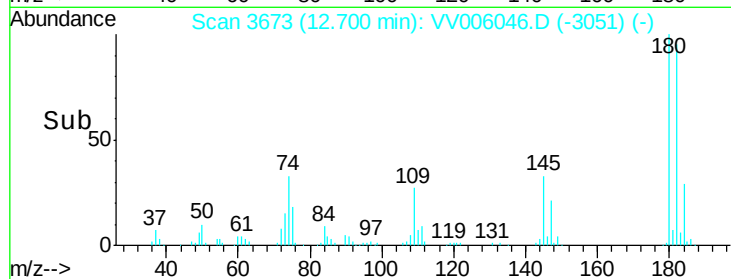
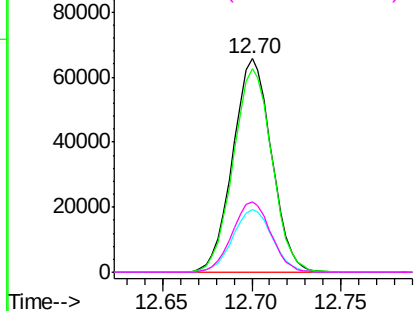


#67
 1,3,5-Trichlorobenzene
 Concen: 50.17 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion:180 Resp: 99143
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.7 113.5
 184 30.0 24.3 36.5
 145 32.8 25.8 38.6

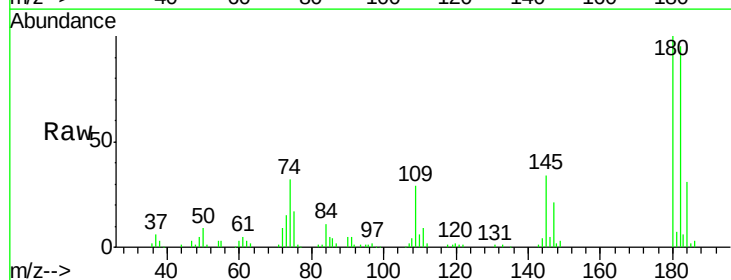


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

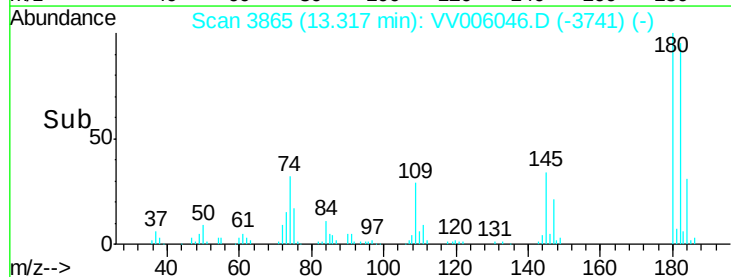
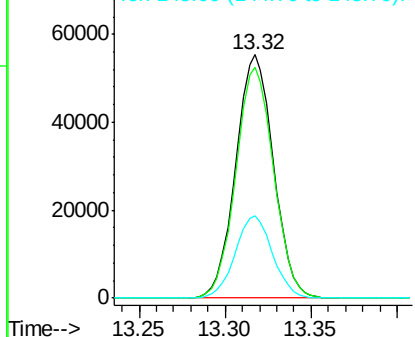


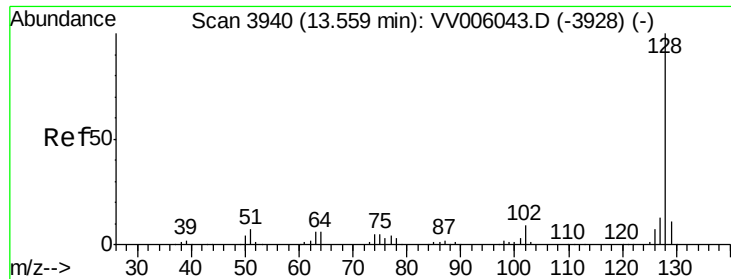
#68
 1,2,4-trichlorobenzene
 Concen: 52.06 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006046.D
 Acq: 25 May 2018 22:47

Tgt Ion:180 Resp: 84465
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.9 112.3
 145 33.5 26.3 39.5



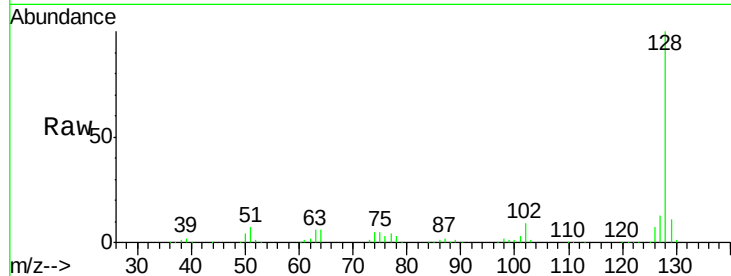
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



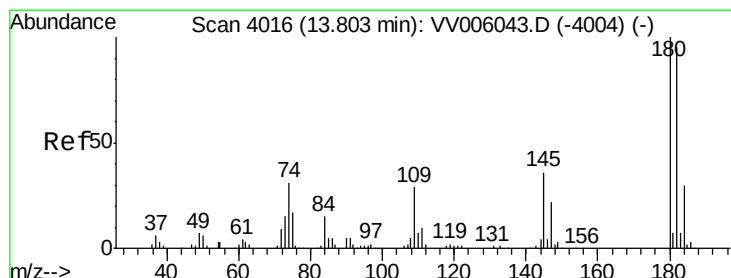
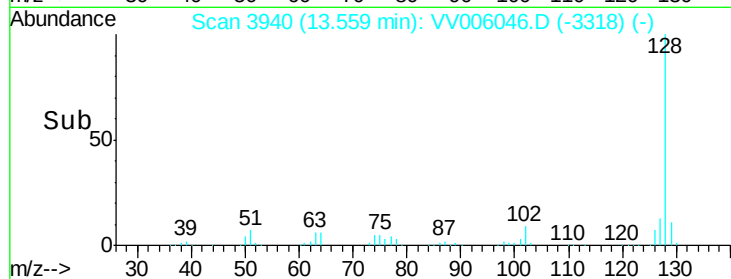
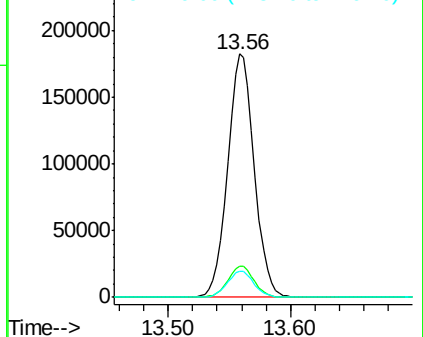


#69
Naphthalene
Concen: 54.46 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

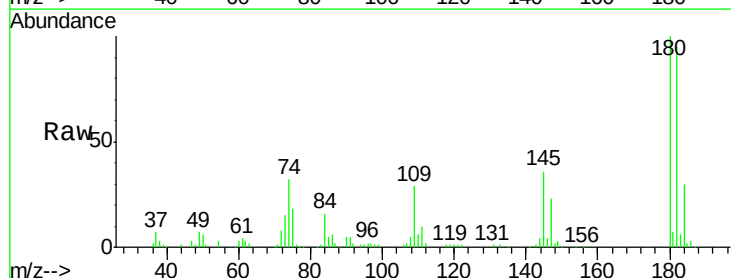


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 51.61 ug/L
RT: 13.80 min Scan# 4015
Delta R.T. -0.00 min
Lab File: VV006046.D
Acq: 25 May 2018 22:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	35.0	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

