

Data File : VV006081.D
Acq On : 27 May 2018 03:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 28 04:19:07 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82354	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58056	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.04%
7) Chloroethane-d5	1.55	69	13536	16.00	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.00%#
11) 1,1-Dichloroethene-d2	2.12	63	109179	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
21) 2-Butanone-d5	3.95	46	55404	80.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.84%
24) Chloroform-d	4.41	84	112414	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.09	65	73476	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
32) Benzene-d6	5.10	84	219054	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.12	67	68372	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.36	98	207117	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.67	79	29954	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.14	63	58592	108.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104568	55.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	85062	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	74880	49.28	ug/L	100
3) Chloromethane	1.26	50	71712	43.49	ug/L	99
5) Vinyl chloride	1.32	62	73365	50.31	ug/L	100
6) Bromomethane	1.51	94	16441	25.52	ug/L	97
8) Chloroethane	1.57	64	12245	14.68	ug/L	99
9) Trichlorofluoromethane	1.75	101	99770	49.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	56066	49.16	ug/L	99
12) 1,1-Dichloroethene	2.13	96	52069	49.46	ug/L	96
13) Acetone	2.20	43	59704	84.66	ug/L	99
14) Carbon disulfide	2.31	76	143002	45.63	ug/L	99
15) Methyl Acetate	2.46	43	71112	48.05	ug/L	99
16) Methylene chloride	2.53	84	60794	48.25	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	54869	48.56	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	187611	49.13	ug/L	99
19) 1,1-Dichloroethane	3.23	63	115354	49.56	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	65622	48.31	ug/L	100
22) 2-Butanone	4.04	43	100172	98.81	ug/L	99

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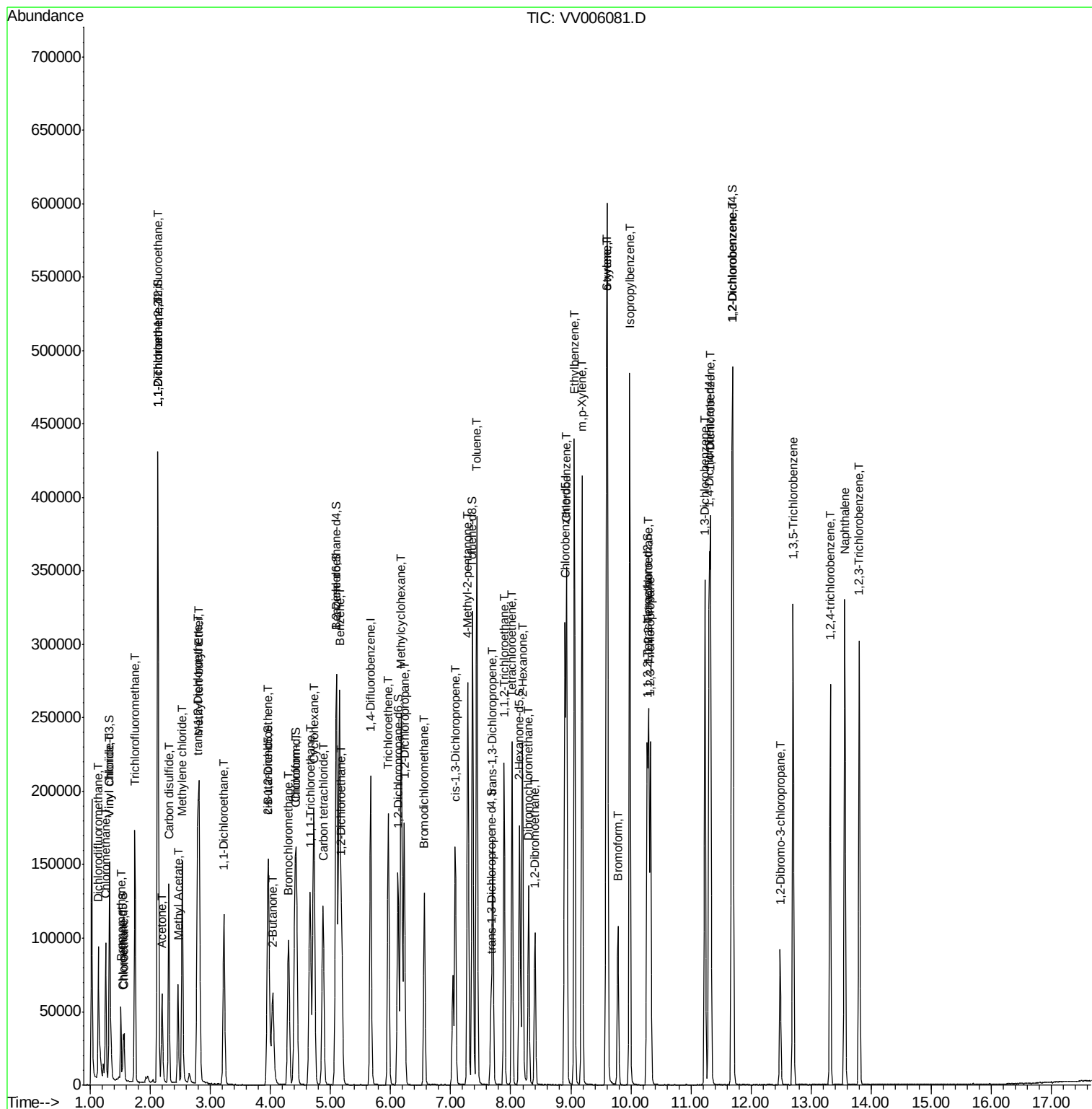
Quant Time: May 28 04:19:07 2018
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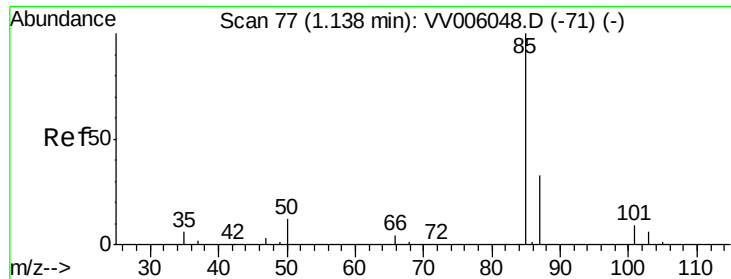
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32369	48.92	ug/L	97
25) Chloroform	4.43	83	120737	49.38	ug/L	99
27) 1,2-Dichloroethane	5.19	62	97894	49.29	ug/L	99
29) Cyclohexane	4.72	56	98037	48.87	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	104918	48.81	ug/L	99
31) Carbon tetrachloride	4.87	117	90162	48.56	ug/L	100
33) Benzene	5.15	78	257395	50.18	ug/L	100
34) Trichloroethene	5.96	95	65043	49.34	ug/L	97
35) Methylcyclohexane	6.18	83	102341	49.86	ug/L	99
37) 1,2-Dichloropropane	6.23	63	68160	49.64	ug/L	99
38) Bromodichloromethane	6.56	83	85235	47.93	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	92423	45.73	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	188753	103.75	ug/L	100
42) Toluene	7.44	91	272909	51.21	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	87802	46.11	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	65470	50.15	ug/L	99
46) Tetrachloroethene	8.02	164	48229	48.68	ug/L	99
48) 2-Hexanone	8.20	43	149683	107.65	ug/L	97
49) Dibromochloromethane	8.30	129	69231	49.98	ug/L	98
50) 1,2-Dibromoethane	8.40	107	65981	49.02	ug/L	97
51) Chlorobenzene	8.93	112	175951	49.42	ug/L	98
52) Ethylbenzene	9.06	91	294486	50.16	ug/L	99
53) m,p-Xylene	9.19	106	113932	52.57	ug/L	98
54) o-xylene	9.59	106	112428	52.47	ug/L	98
55) Styrene	9.61	104	195540	53.32	ug/L	99
56) Isopropylbenzene	9.98	105	295400	51.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	115483	53.94	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	93922	53.66	ug/L	99
61) Bromoform	9.78	173	46551	46.76	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	131947	48.00	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	138551	48.10	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	150266	50.88	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22344	45.34	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	95831	48.82	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	75805	47.04	ug/L	98
69) Naphthalene	13.56	128	248236	49.09	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	85480	48.28	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 49.28 ug/L

RT: 1.13 min Scan# 76

Delta R.T. -0.00 min

Lab File: VV006081.D

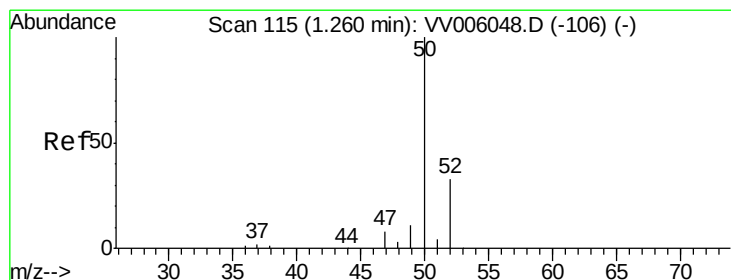
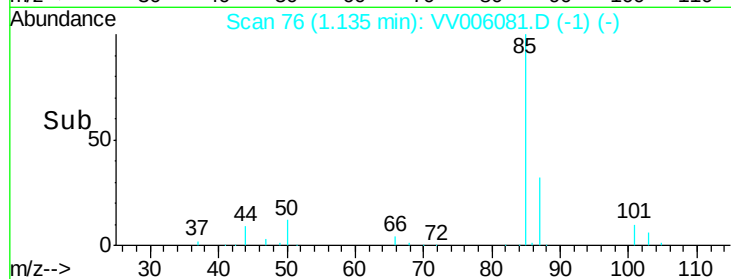
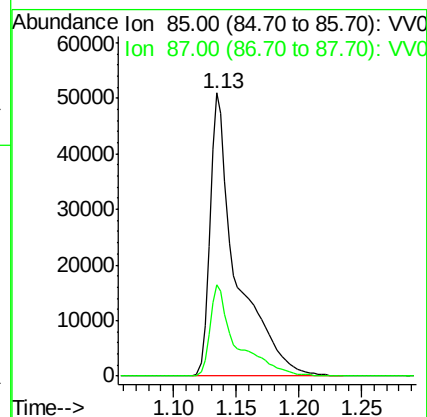
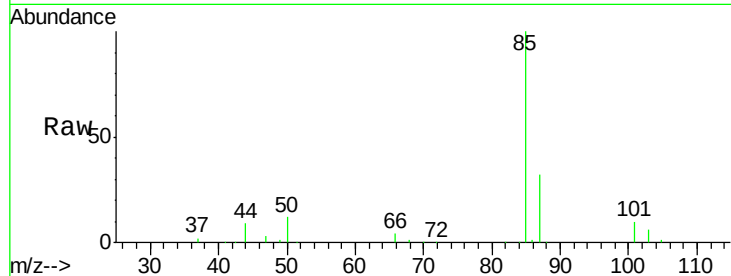
Acq: 27 May 2018 03:30

Tgt Ion: 85 Resp: 74880

Ion Ratio Lower Upper

85 100

87 31.9 25.7 38.5



#3

Chloromethane

Concen: 43.49 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006081.D

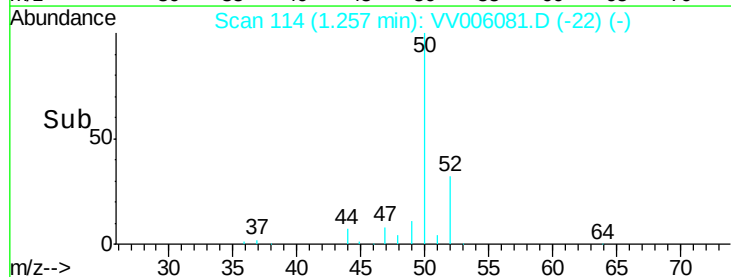
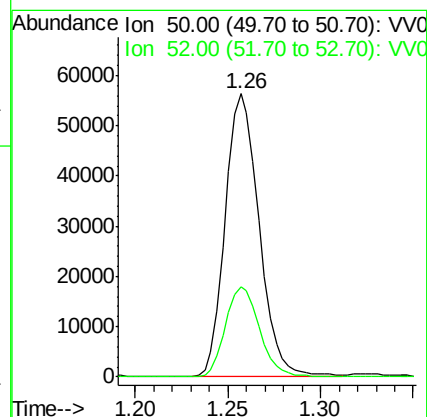
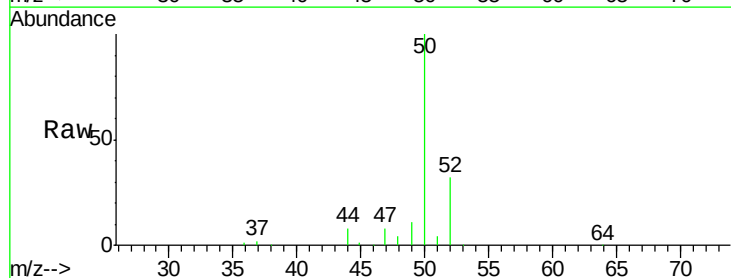
Acq: 27 May 2018 03:30

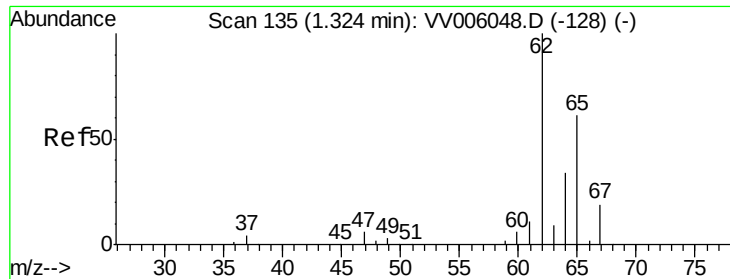
Tgt Ion: 50 Resp: 71712

Ion Ratio Lower Upper

50 100

52 31.9 22.7 42.3





#5

Vinyl chloride

Concen: 50.31 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006081.D

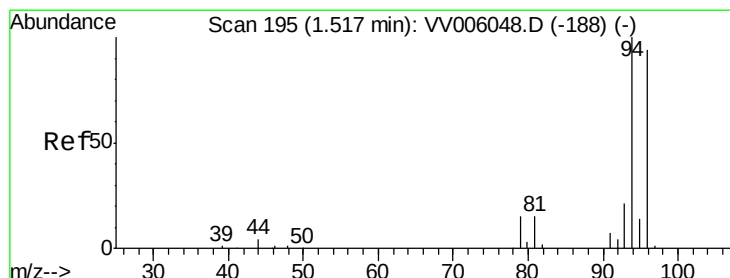
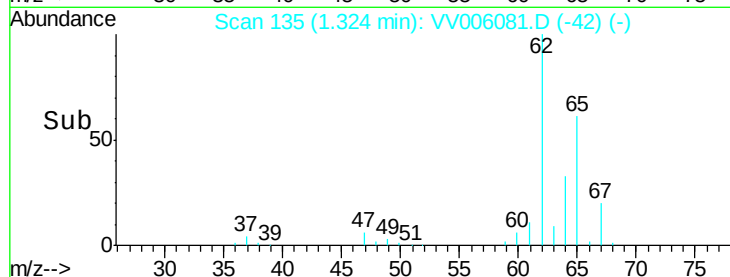
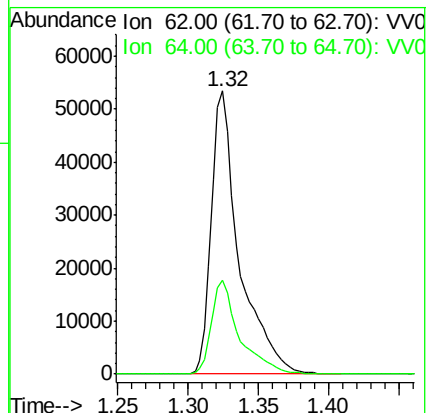
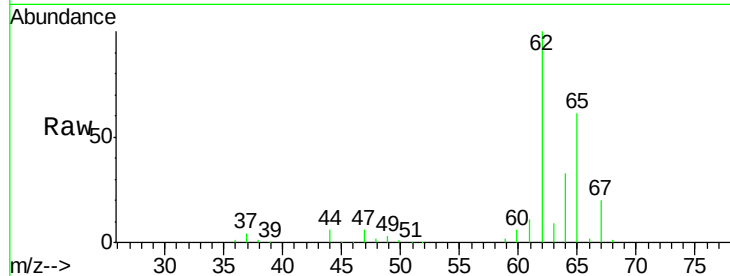
Acq: 27 May 2018 03:30

Tgt Ion: 62 Resp: 73365

Ion Ratio Lower Upper

62 100

64 33.1 23.1 42.9



#6

Bromomethane

Concen: 25.52 ug/L

RT: 1.51 min Scan# 193

Delta R.T. -0.01 min

Lab File: VV006081.D

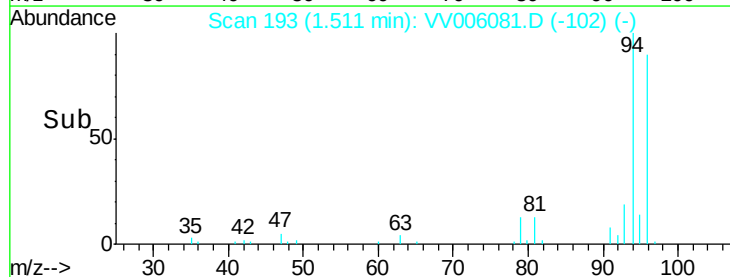
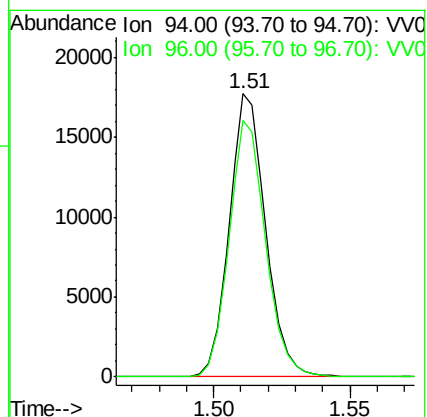
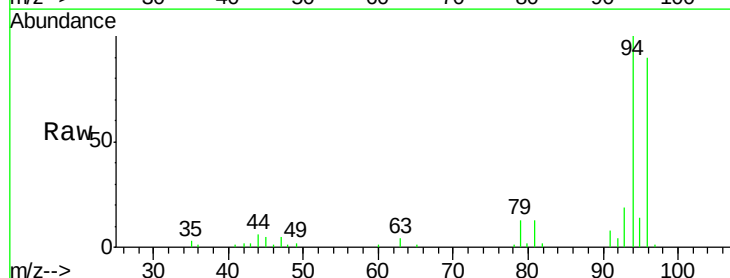
Acq: 27 May 2018 03:30

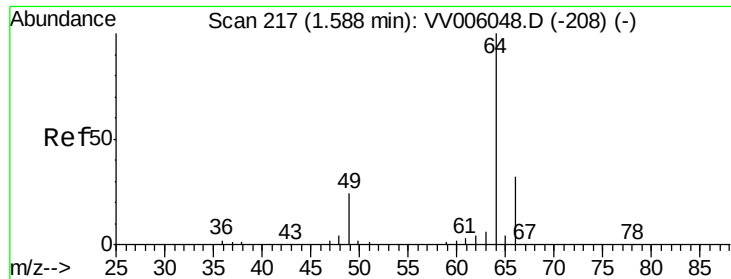
Tgt Ion: 94 Resp: 16441

Ion Ratio Lower Upper

94 100

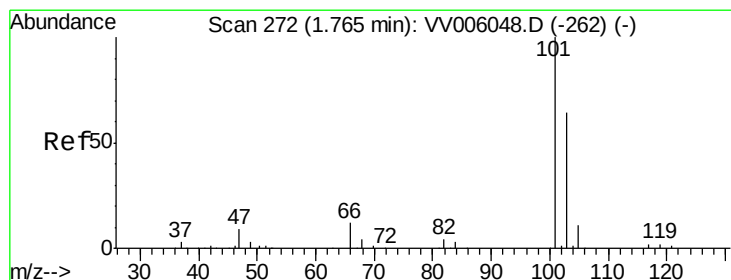
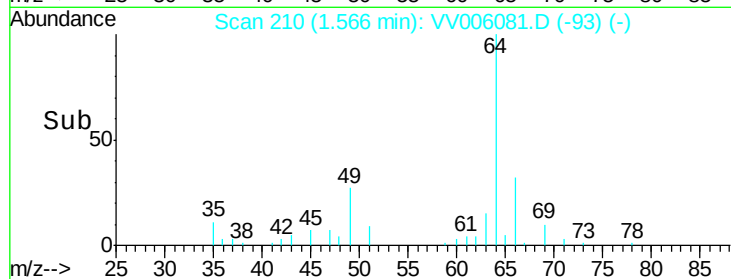
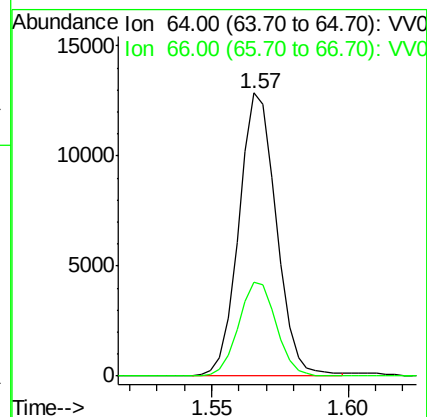
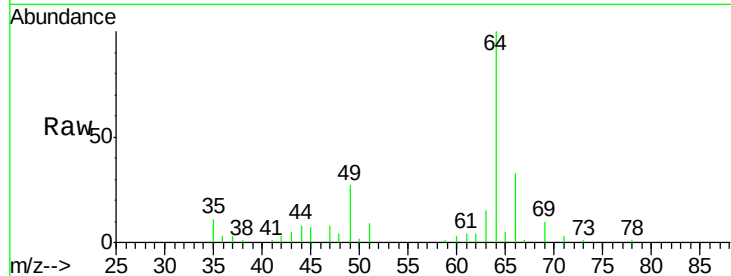
96 90.4 65.6 121.8





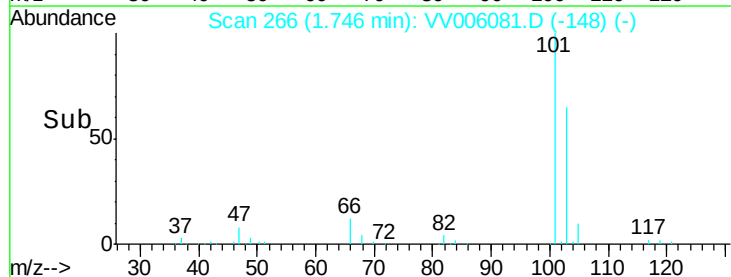
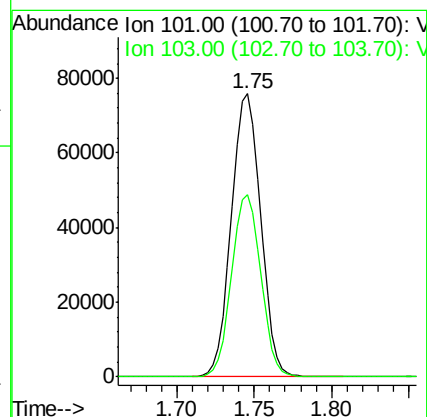
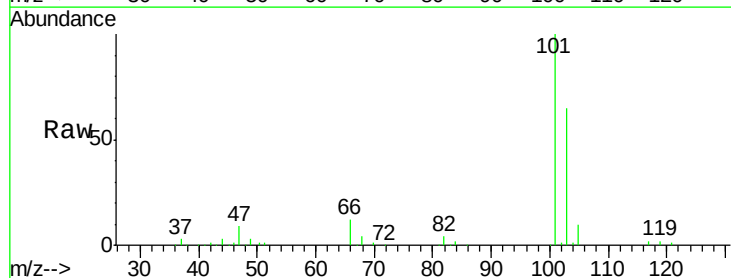
#8
Chloroethane
Concen: 14.68 ug/L
RT: 1.57 min Scan# 210
Delta R.T. -0.02 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

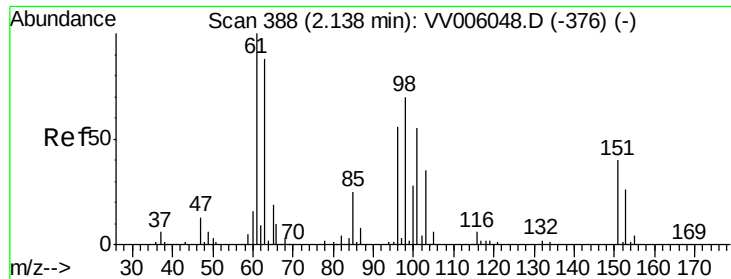
Tgt Ion: 64 Resp: 12245
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 49.14 ug/L
RT: 1.75 min Scan# 266
Delta R.T. -0.02 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion: 101 Resp: 99770
Ion Ratio Lower Upper
101 100
103 64.0 52.6 78.8





#10

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

Concen: 49.16 ug/L

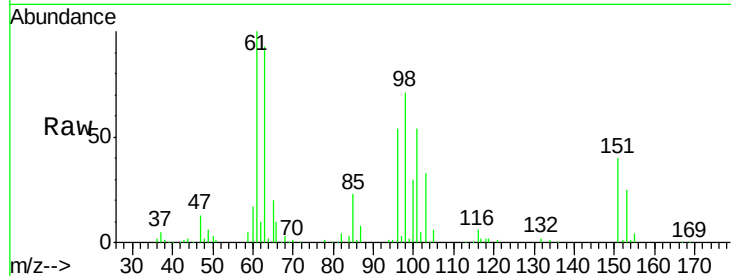
RT: 2.13 min Scan# 385

Delta R.T. -0.01 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

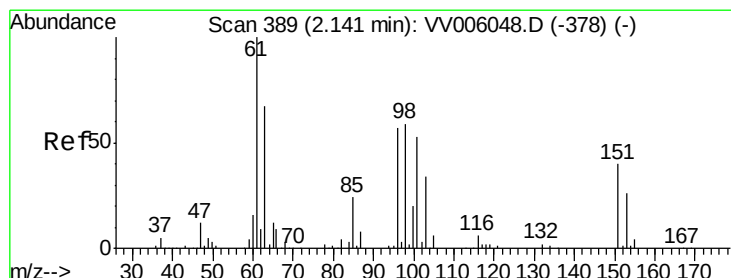
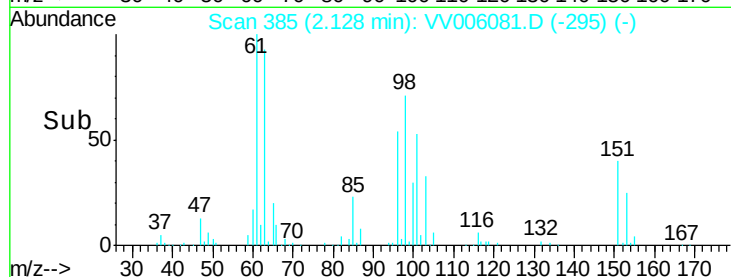
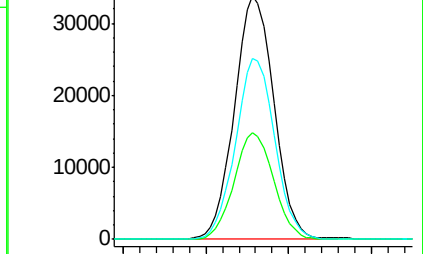
Tgt Ion:	101	Resp:	56066
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.8	58.8	88.2



Abundance Ion 101.00 (100.70 to 101.70): VV006081.D (-295) (-)

Ion 85.00 (84.70 to 85.70): VV006081.D (-295) (-)

Ion 151.00 (150.70 to 151.70): VV006081.D (-295) (-)



#12

1,1-Dichloroethene

Concen: 49.46 ug/L

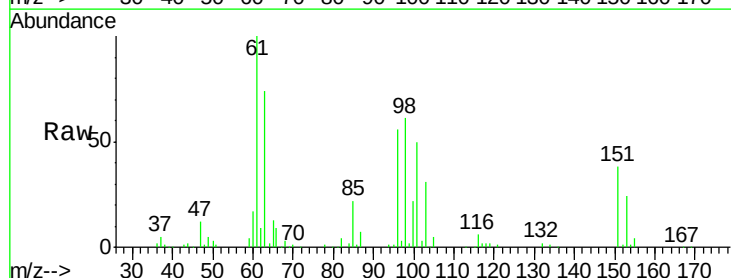
RT: 2.13 min Scan# 386

Delta R.T. -0.01 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

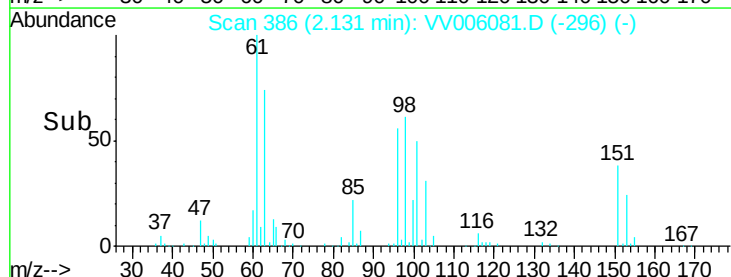
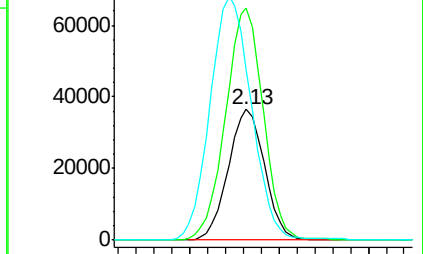
Tgt Ion:	96	Resp:	52069
Ion	Ratio	Lower	Upper
96	100		
61	178.5	122.5	227.5
63	131.3	86.9	161.5

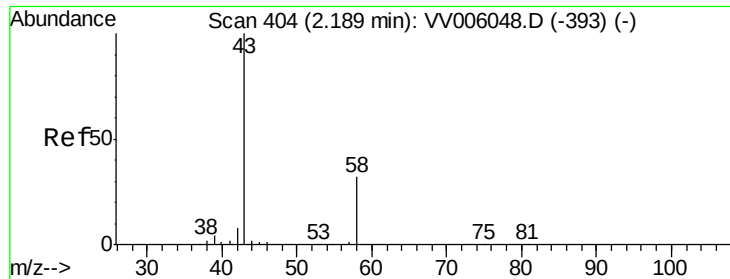


Abundance Ion 96.00 (95.70 to 96.70): VV006081.D (-296) (-)

Ion 61.00 (60.70 to 61.70): VV006081.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV006081.D (-296) (-)





#13

Acetone

Concen: 84.66 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.01 min

Lab File: VV006081.D

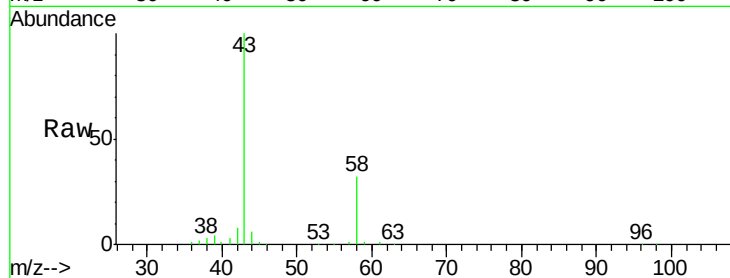
Acq: 27 May 2018 03:30

Tgt Ion: 43 Resp: 59704

Ion Ratio Lower Upper

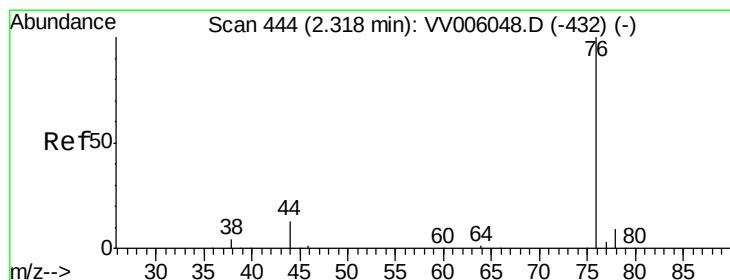
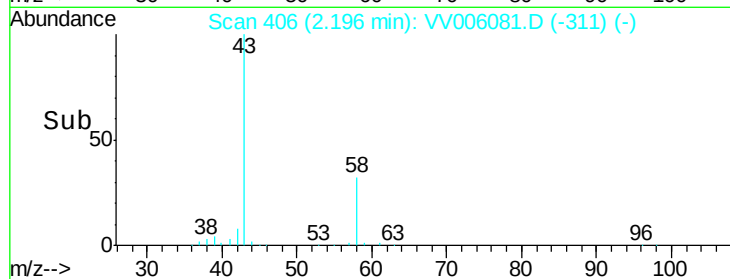
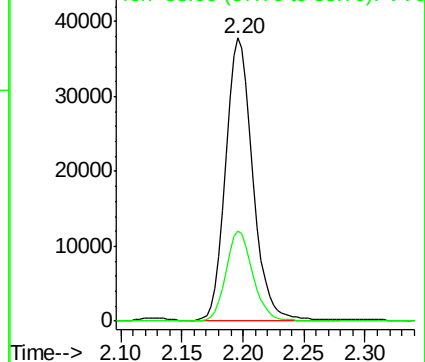
43 100

58 31.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV006081.D (-311) (-)

Ion 58.00 (57.70 to 58.70): VV006081.D (-311) (-)



#14

Carbon disulfide

Concen: 45.63 ug/L

RT: 2.31 min Scan# 441

Delta R.T. -0.01 min

Lab File: VV006081.D

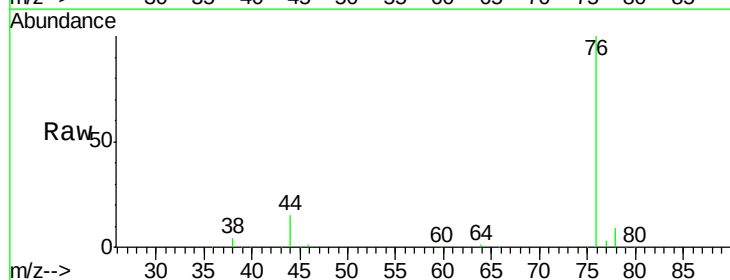
Acq: 27 May 2018 03:30

Tgt Ion: 76 Resp: 143002

Ion Ratio Lower Upper

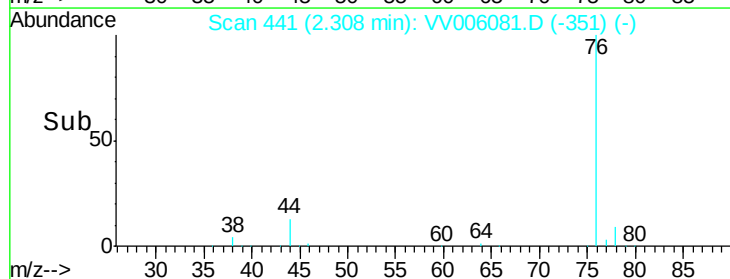
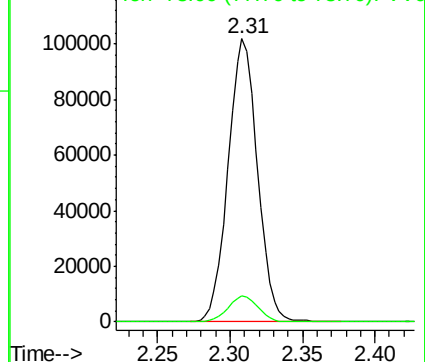
76 100

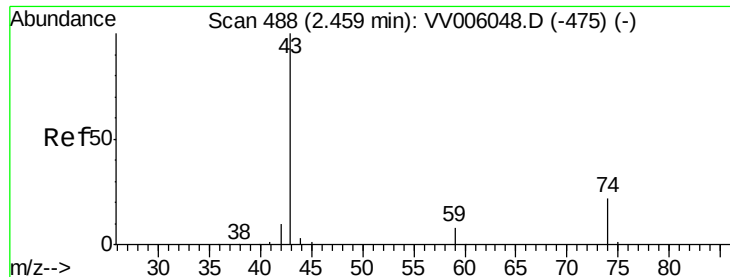
78 9.0 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV006081.D (-351) (-)

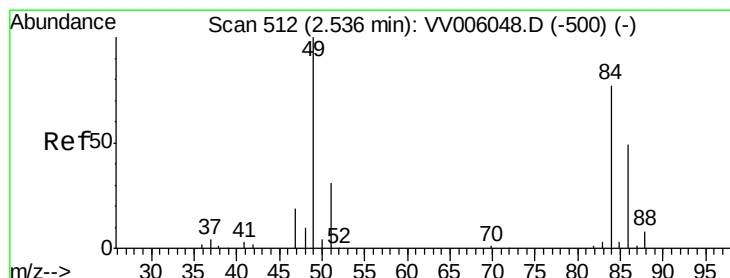
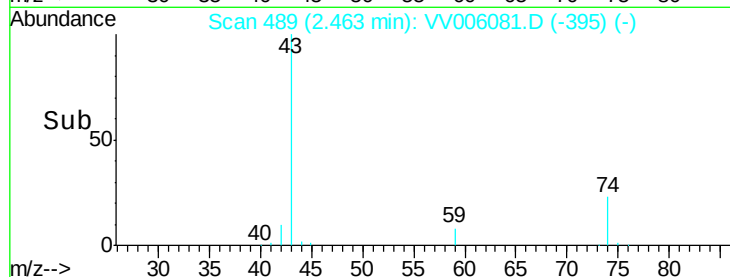
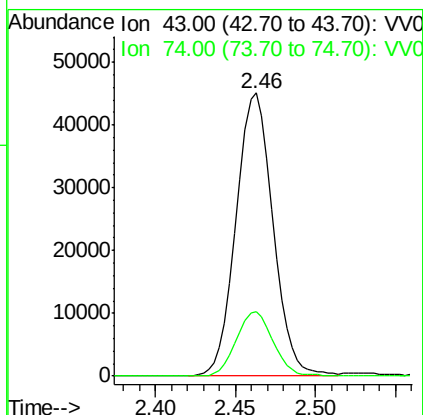
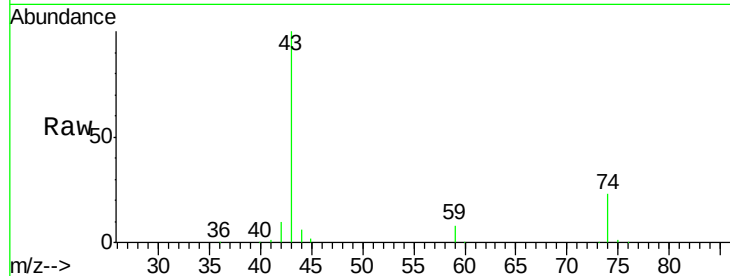
Ion 78.00 (77.70 to 78.70): VV006081.D (-351) (-)





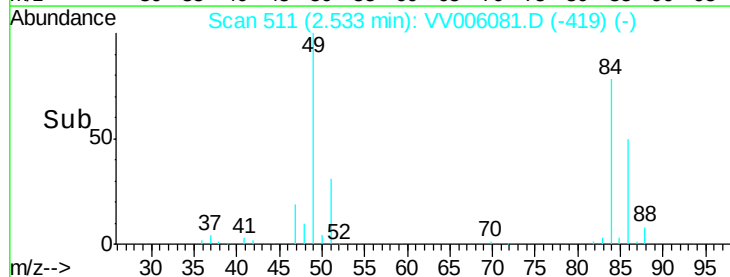
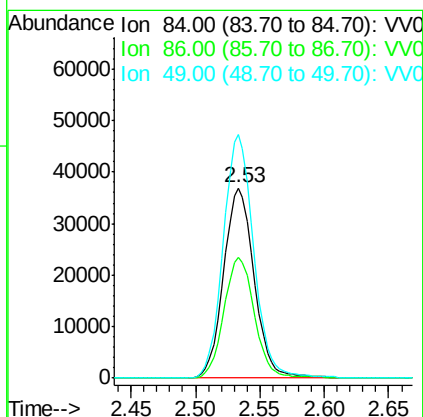
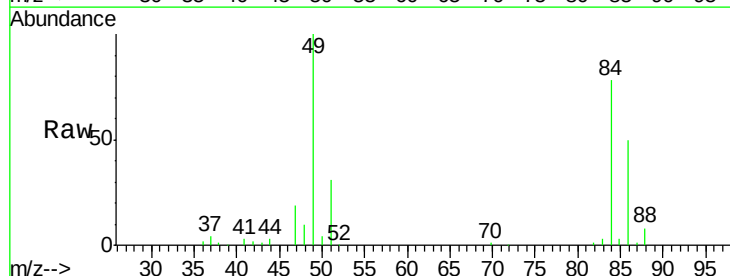
#15
Methyl Acetate
Concen: 48.05 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

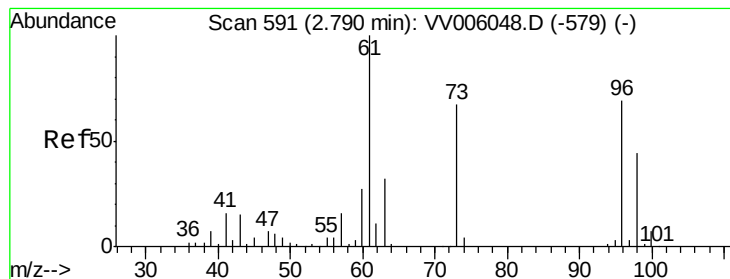
Tgt Ion: 43 Resp: 71112
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.2



#16
Methylene chloride
Concen: 48.25 ug/L
RT: 2.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion: 84 Resp: 60794
Ion Ratio Lower Upper
84 100
86 63.7 45.1 83.7
49 128.1 90.2 167.6





#17

trans-1,2-Dichloroethene

Concen: 48.56 ug/L

RT: 2.79 min Scan# 590

Delta R.T. -0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

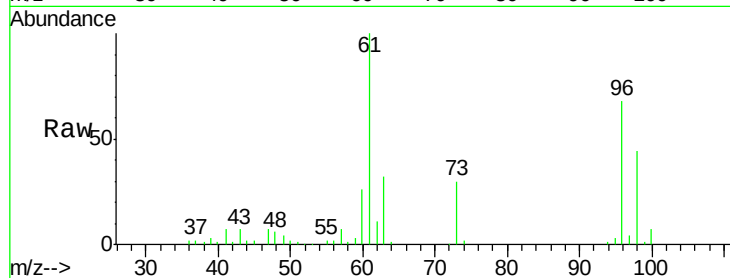
Tgt Ion: 96 Resp: 54869

Ion Ratio Lower Upper

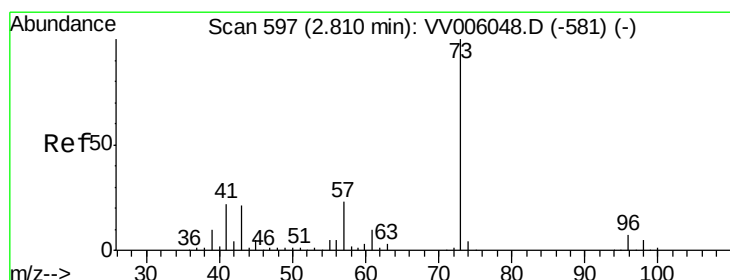
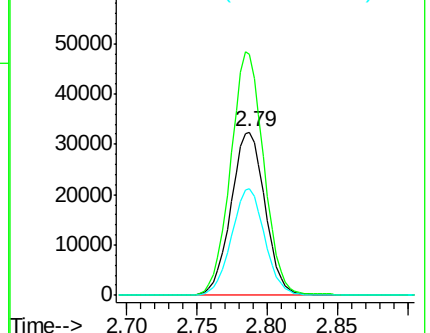
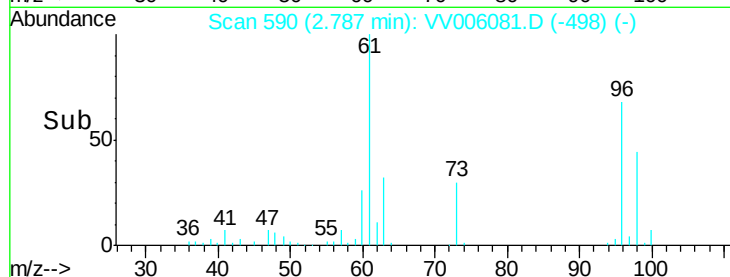
96 100

61 147.3 104.9 194.7

98 65.2 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV006081.D (-579) (-)



#18

Methyl tert-butyl Ether

Concen: 49.13 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

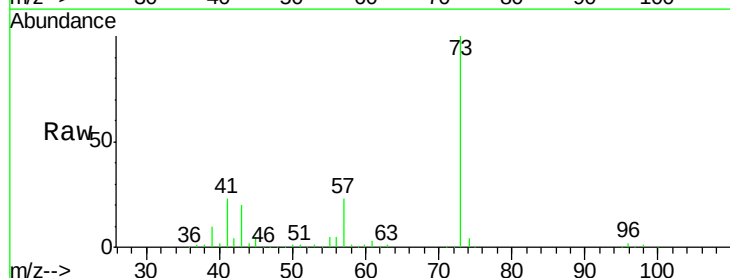
Tgt Ion: 73 Resp: 187611

Ion Ratio Lower Upper

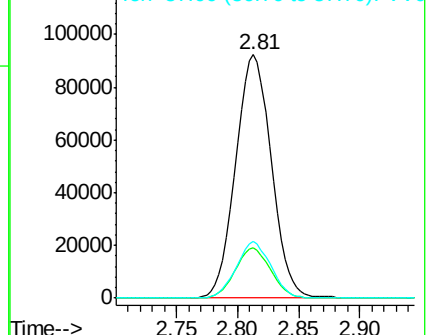
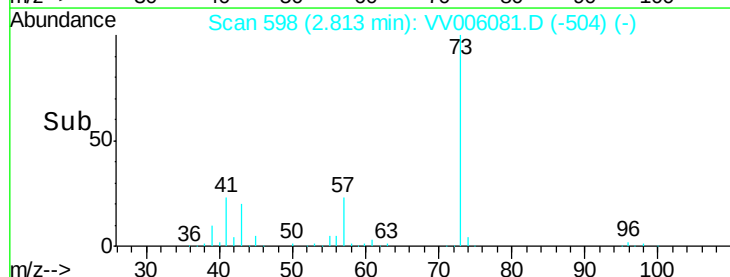
73 100

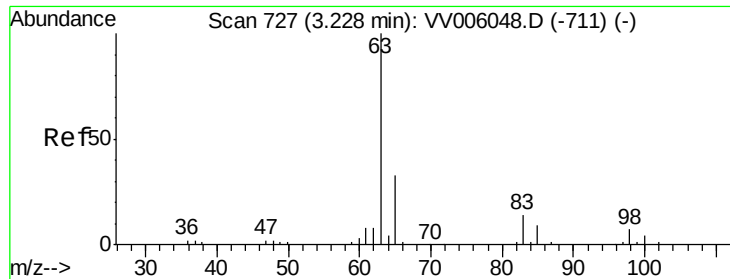
43 20.6 16.2 24.2

57 22.7 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VV006081.D (-581) (-)





#19

1,1-Dichloroethane

Concen: 49.56 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

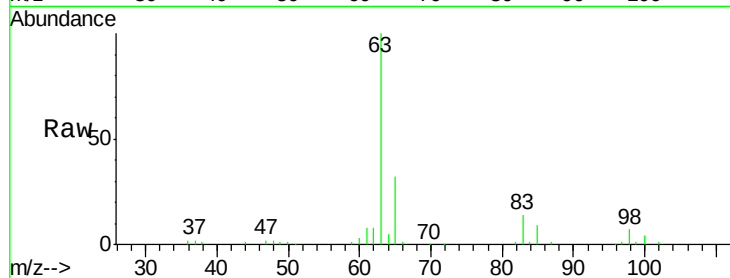
Tgt Ion: 63 Resp: 115354

Ion Ratio Lower Upper

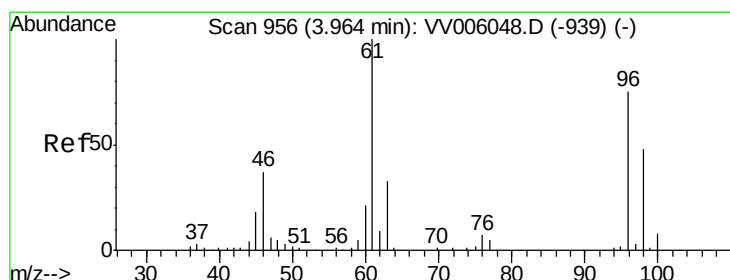
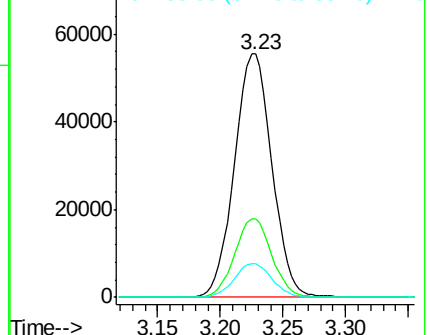
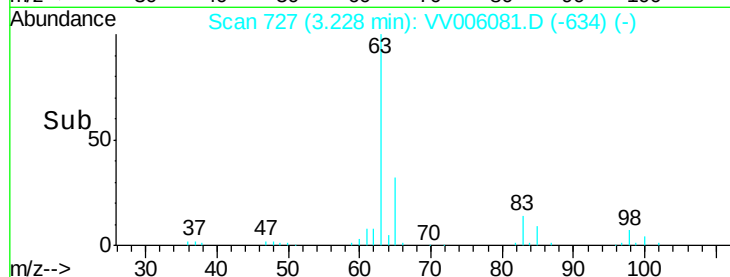
63 100

65 32.2 21.9 40.7

83 13.7 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV006081.D (-634) (-)



#20

cis-1,2-Dichloroethene

Concen: 48.31 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

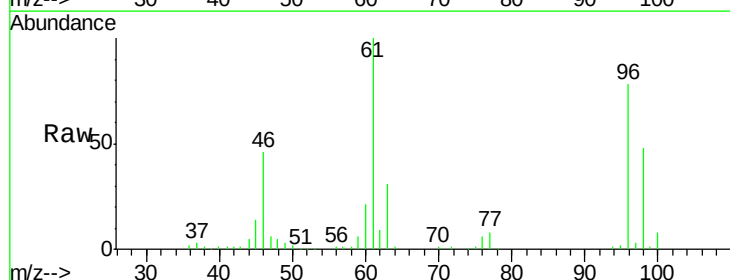
Tgt Ion: 96 Resp: 65622

Ion Ratio Lower Upper

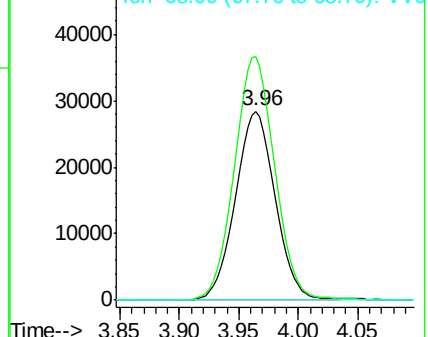
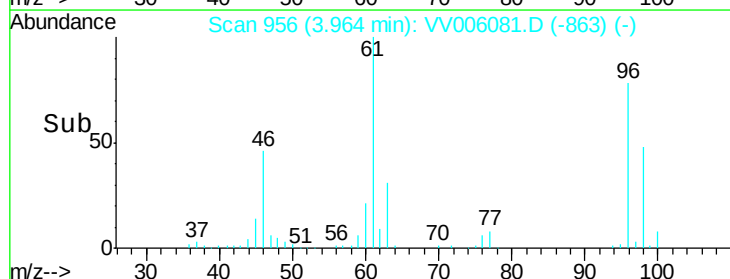
96 100

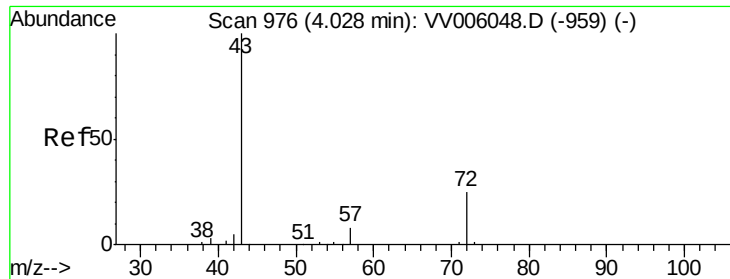
61 128.7 89.9 167.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006081.D (-863) (-)





#22

2-Butanone

Concen: 98.81 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

Lab File: VV006081.D

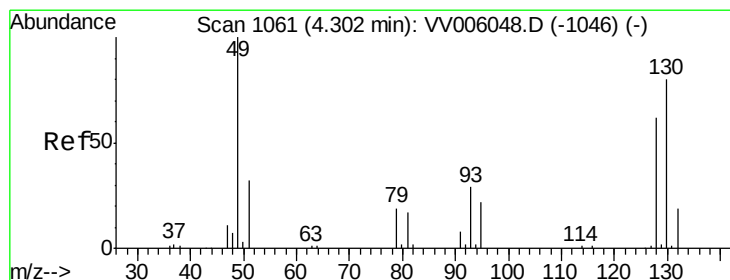
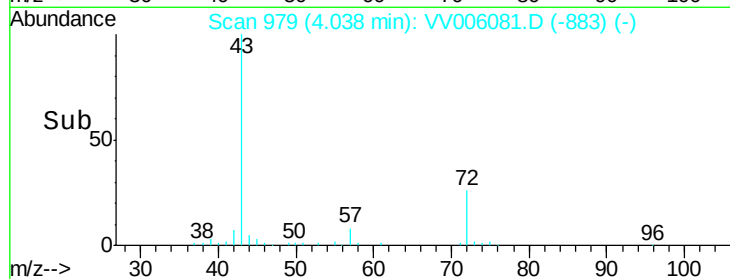
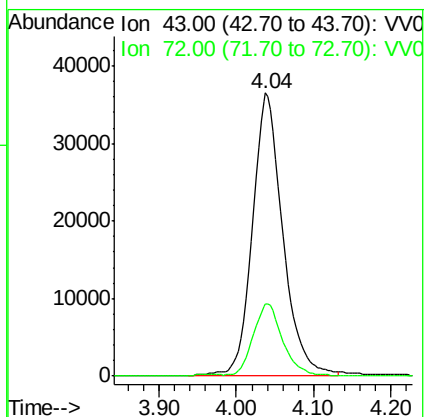
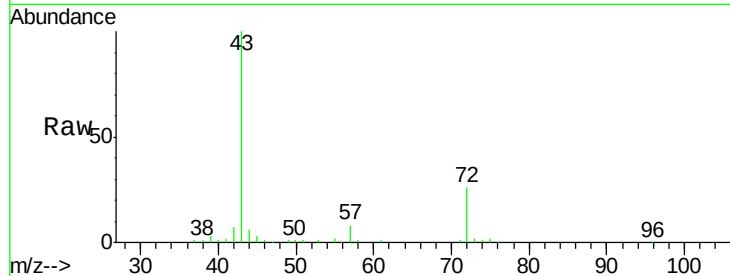
Acq: 27 May 2018 03:30

Tgt Ion: 43 Resp: 100172

Ion Ratio Lower Upper

43 100

72 25.1 12.4 37.0



#23

Bromochloromethane

Concen: 48.92 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

Tgt Ion: 128 Resp: 32369

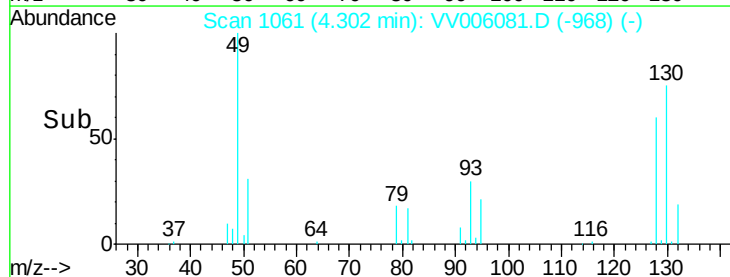
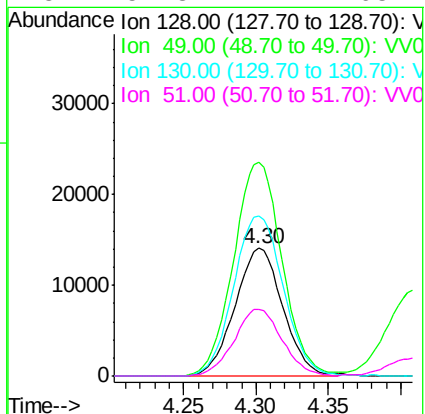
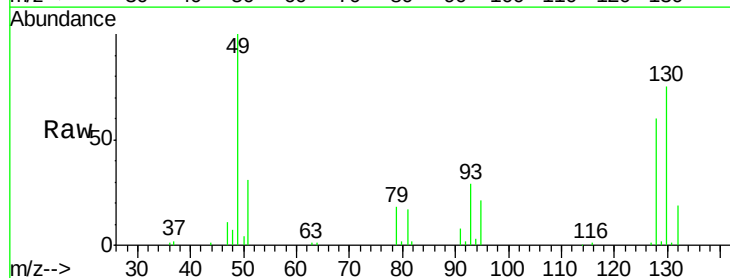
Ion Ratio Lower Upper

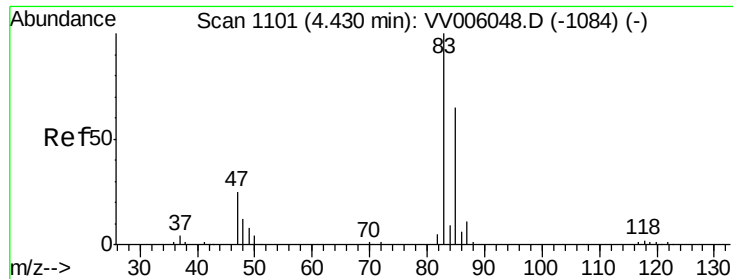
128 100

49 167.2 114.0 211.8

130 125.2 90.0 167.2

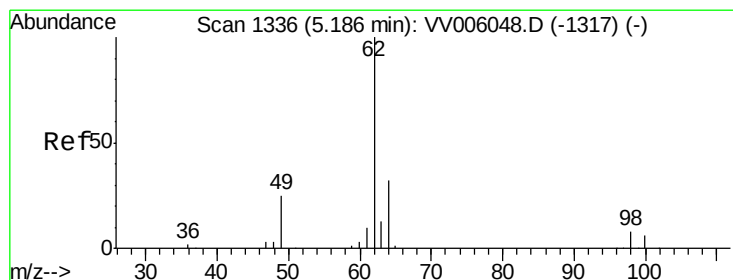
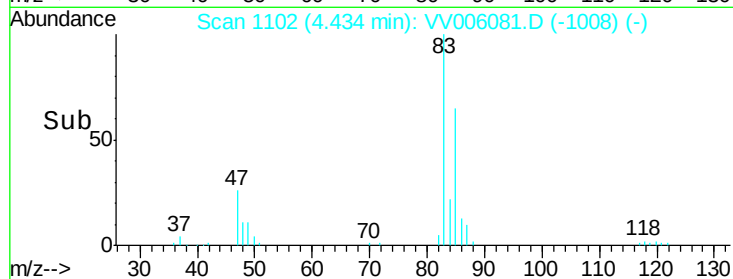
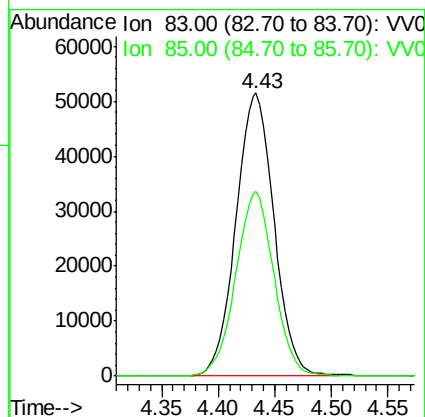
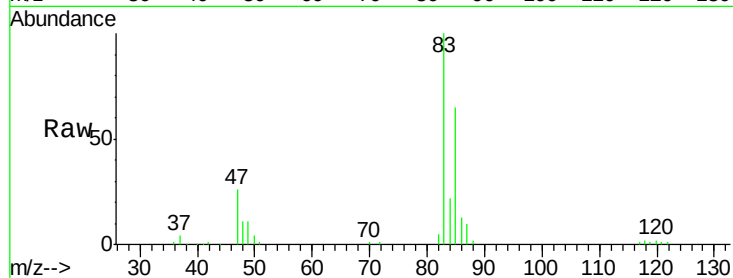
51 52.3 42.1 63.1





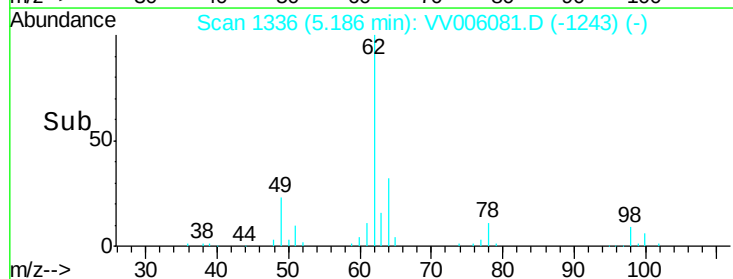
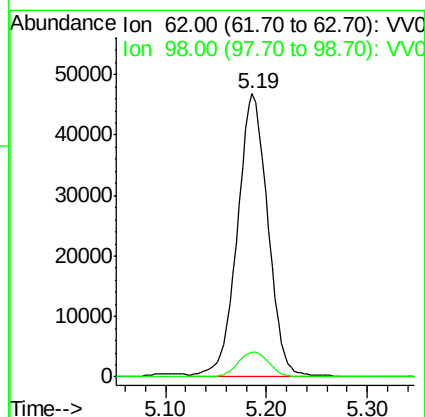
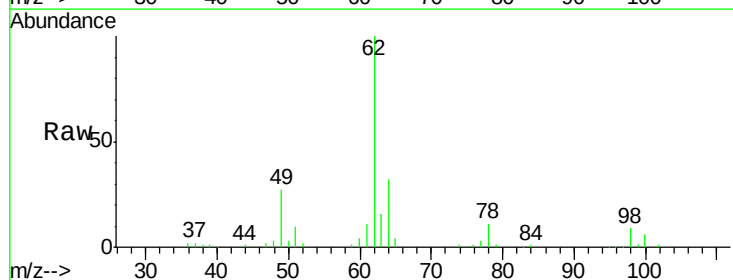
#25
Chloroform
Concen: 49.38 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

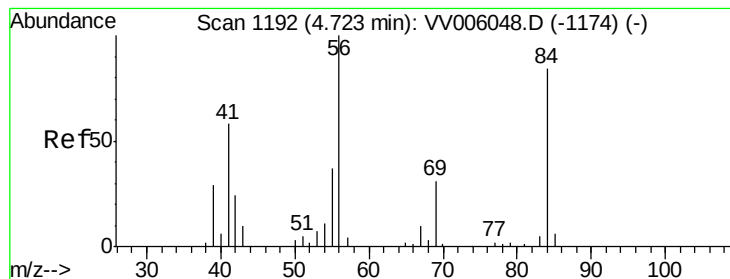
Tgt Ion: 83 Resp: 120737
Ion Ratio Lower Upper
83 100
85 65.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 49.29 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion: 62 Resp: 97894
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#29

Cyclohexane

Concen: 48.87 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

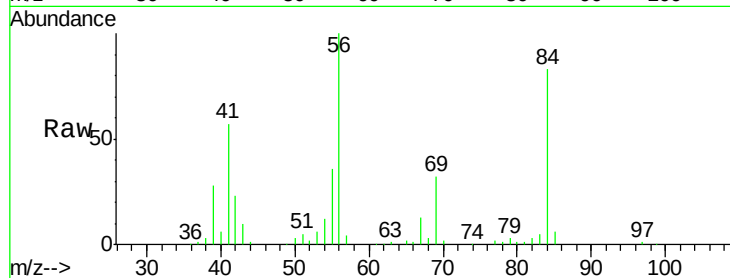
Tgt Ion: 56 Resp: 98037

Ion Ratio Lower Upper

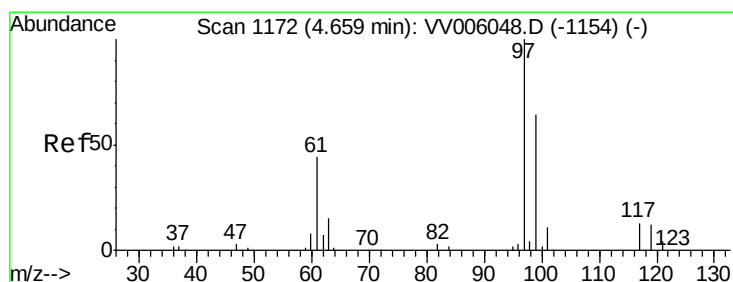
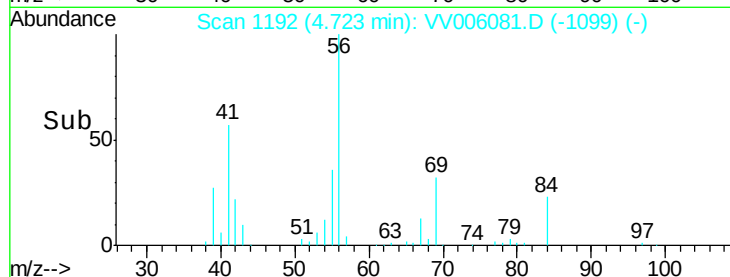
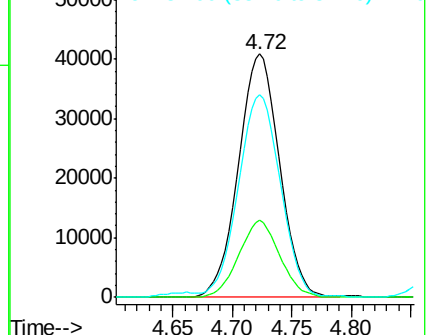
56 100

69 31.3 24.4 36.6

84 84.7 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: 48.81 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

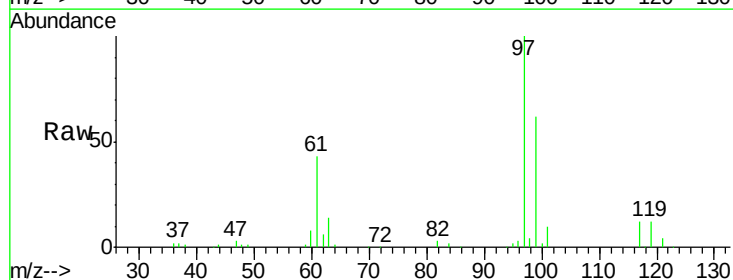
Tgt Ion: 97 Resp: 104918

Ion Ratio Lower Upper

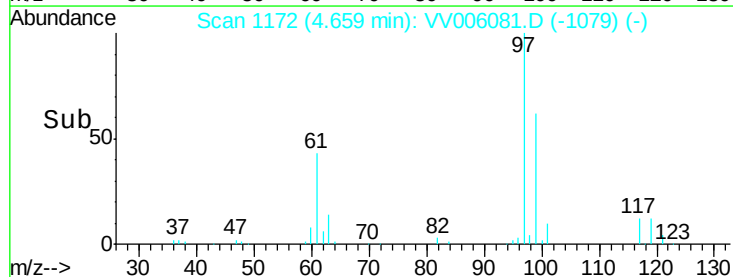
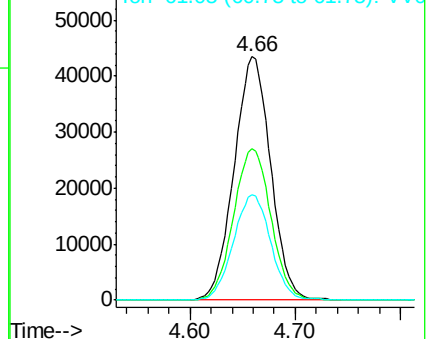
97 100

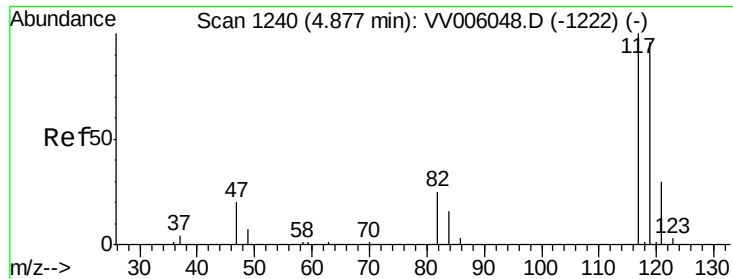
99 63.3 51.7 77.5

61 44.2 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: 48.56 ug/L

RT: 4.87 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VV006081.D

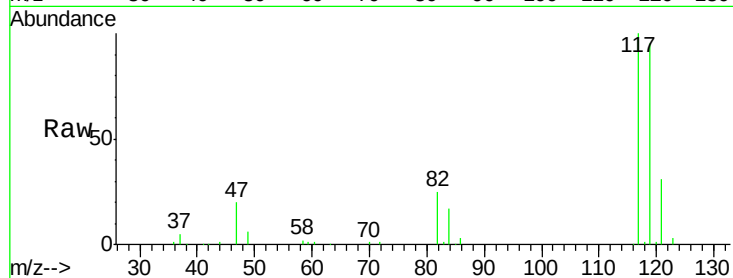
Acq: 27 May 2018 03:30

Tgt Ion: 117 Resp: 90162

Ion Ratio Lower Upper

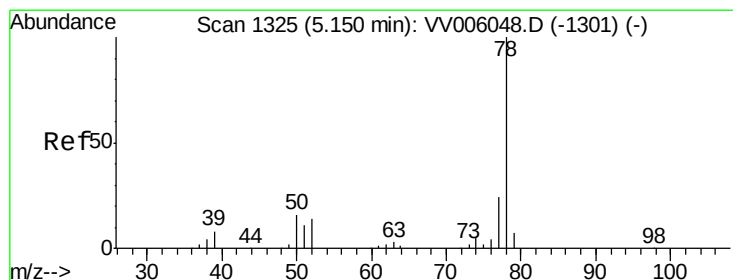
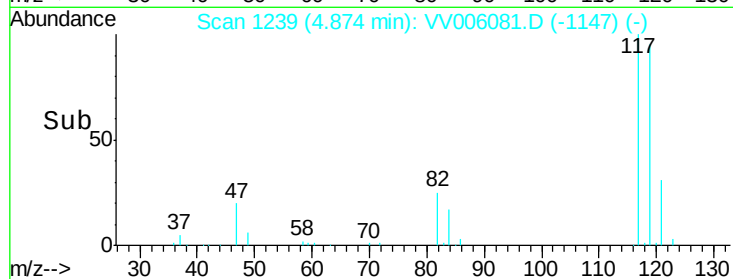
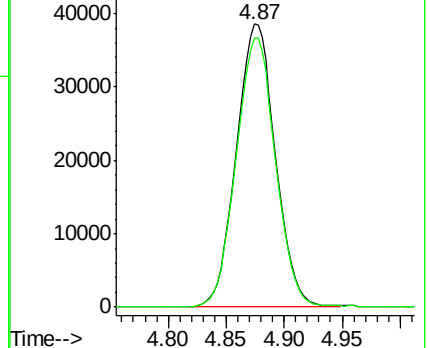
117 100

119 95.9 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: 50.18 ug/L

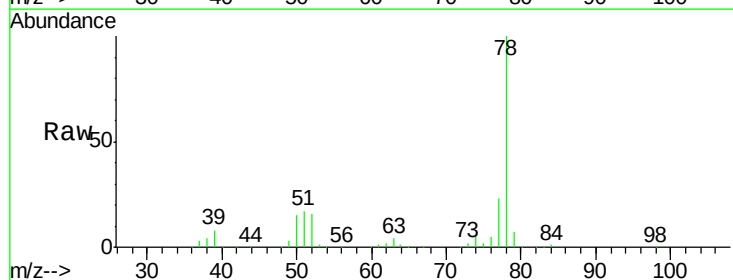
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

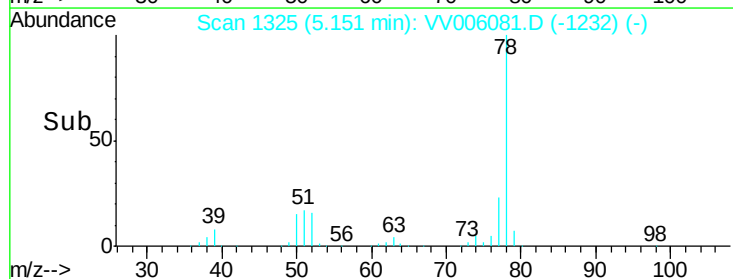
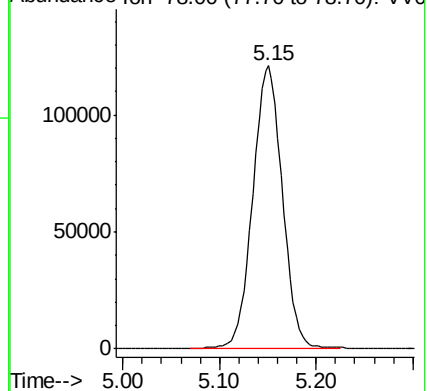
Lab File: VV006081.D

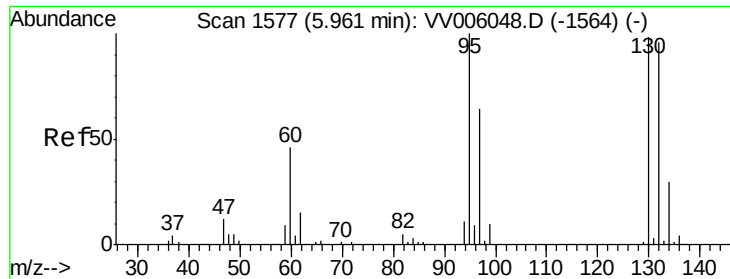
Acq: 27 May 2018 03:30

Tgt Ion: 78 Resp: 257395



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.34 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

Tgt Ion: 95 Resp: 65043

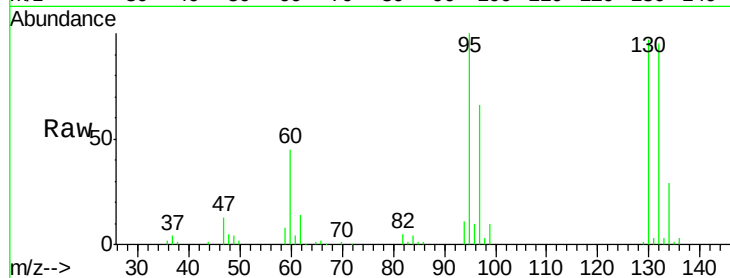
Ion Ratio Lower Upper

95 100

97 65.7 44.0 81.6

132 94.7 65.0 120.6

130 97.3 66.6 123.8



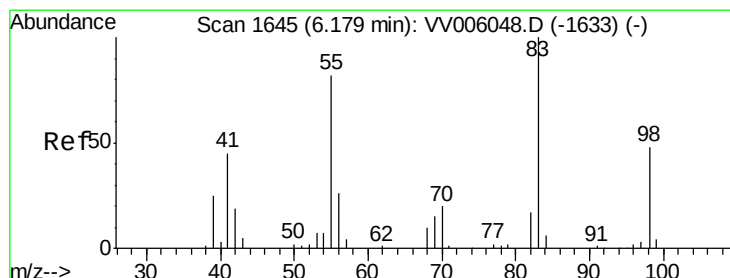
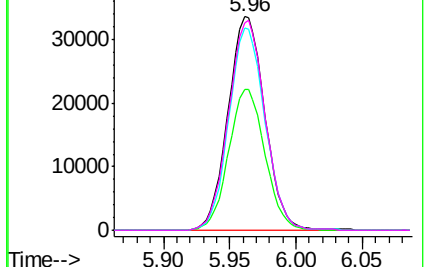
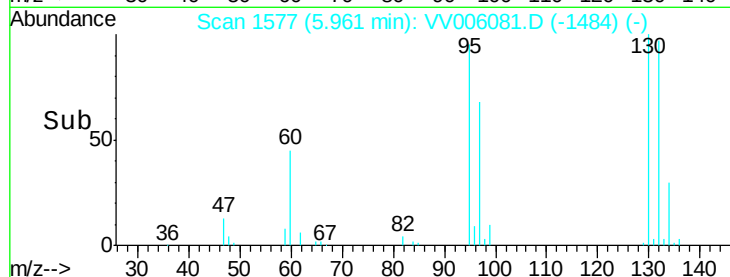
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 49.86 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

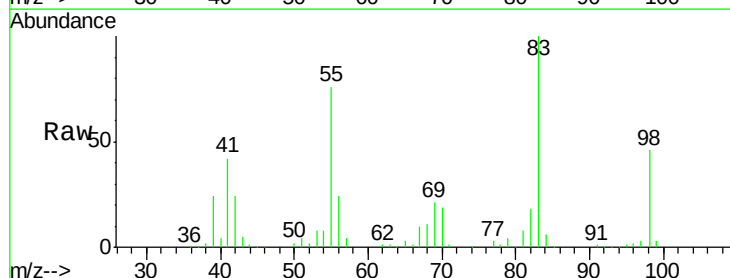
Tgt Ion: 83 Resp: 102341

Ion Ratio Lower Upper

83 100

55 78.3 63.1 94.7

98 45.5 37.8 56.8

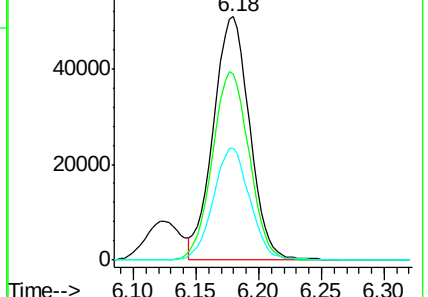
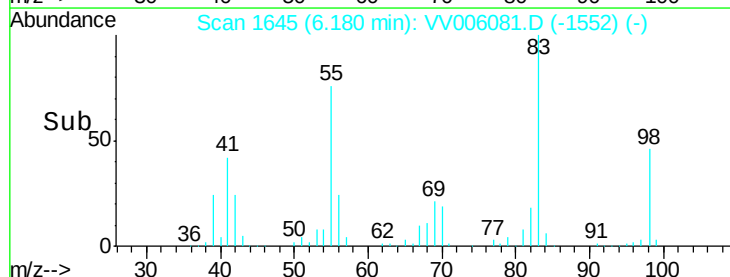


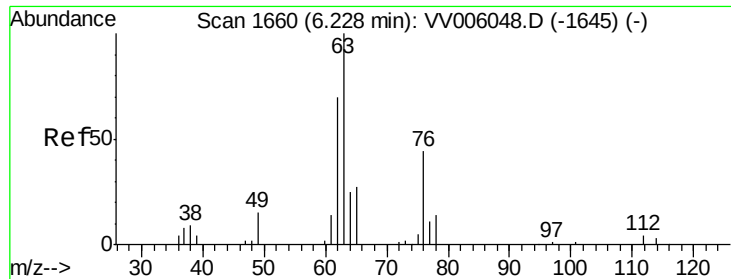
Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

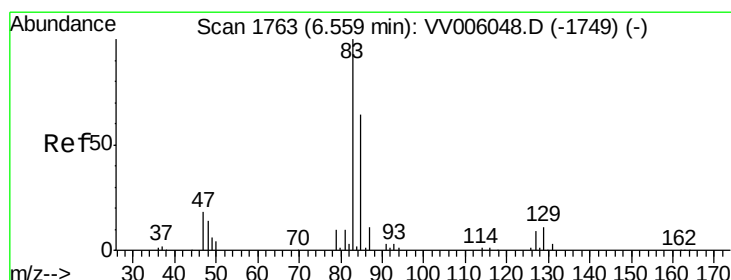
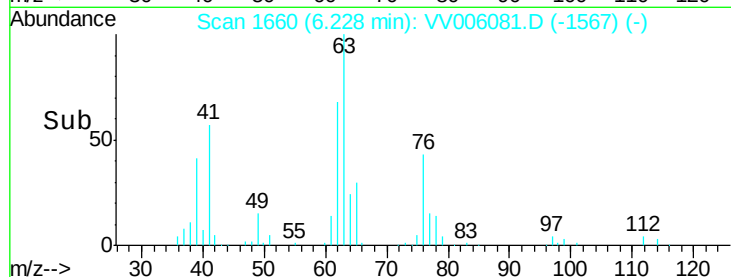
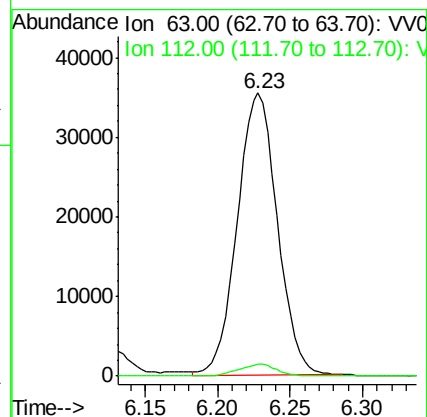
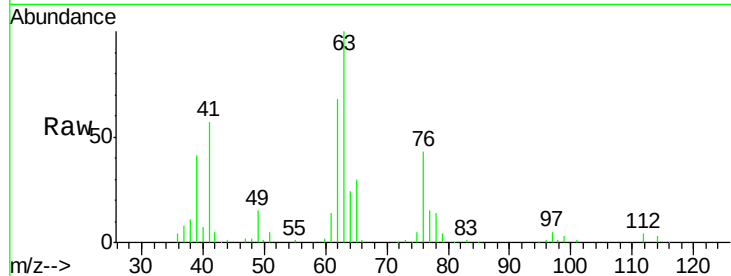
Time-->





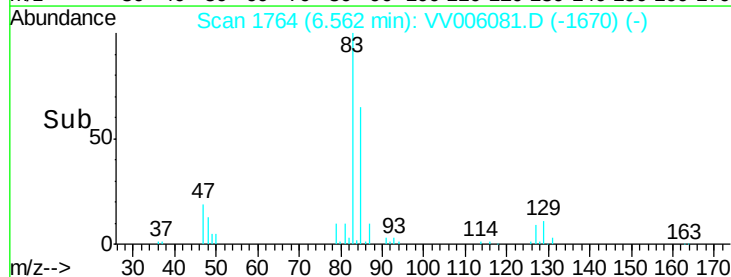
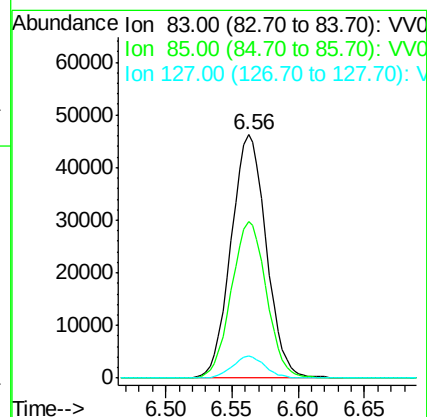
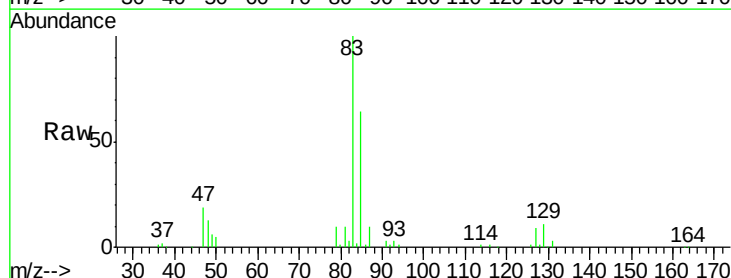
#37
 1,2-Dichloropropane
 Concen: 49.64 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

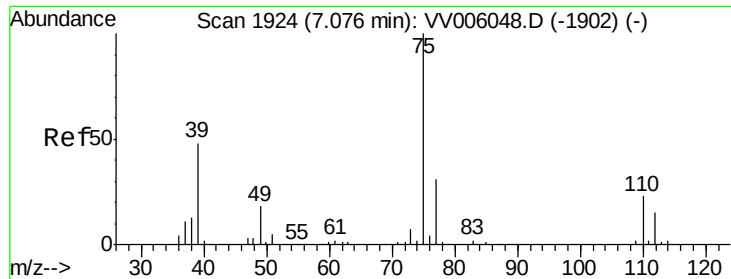
Tgt Ion: 63 Resp: 68160
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.4 5.2



#38
 Bromodichloromethane
 Concen: 47.93 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

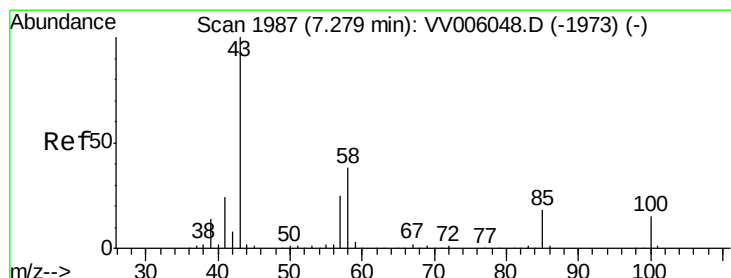
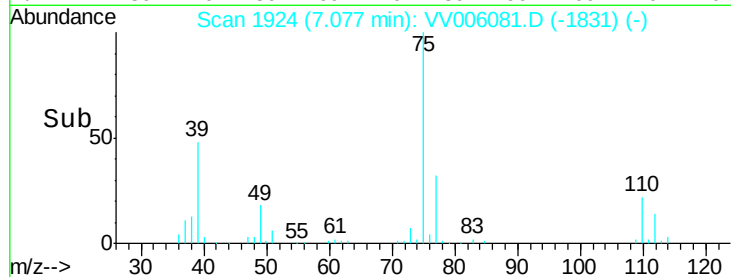
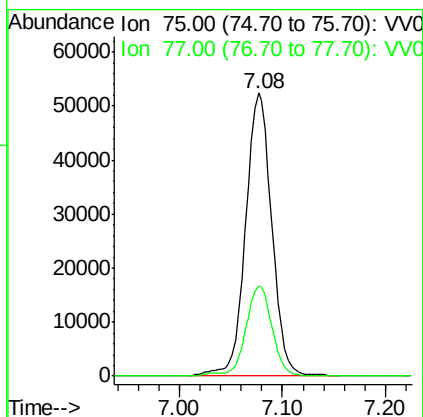
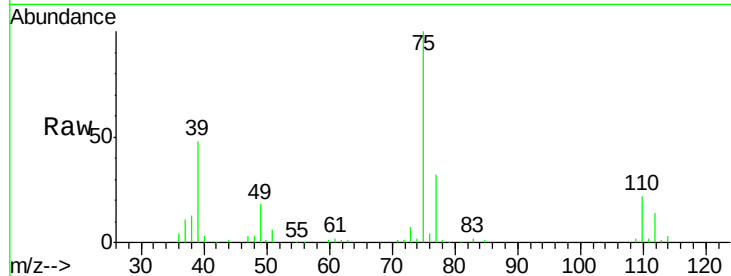
Tgt Ion: 83 Resp: 85235
 Ion Ratio Lower Upper
 83 100
 85 64.5 43.7 81.1
 127 8.9 6.6 10.0





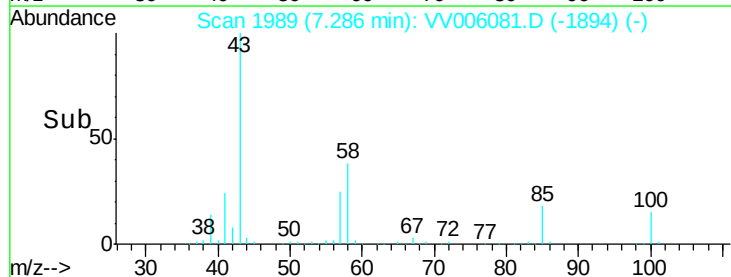
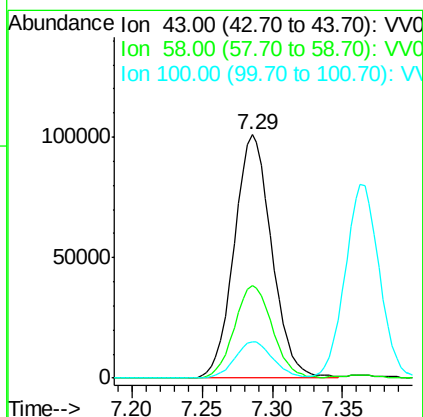
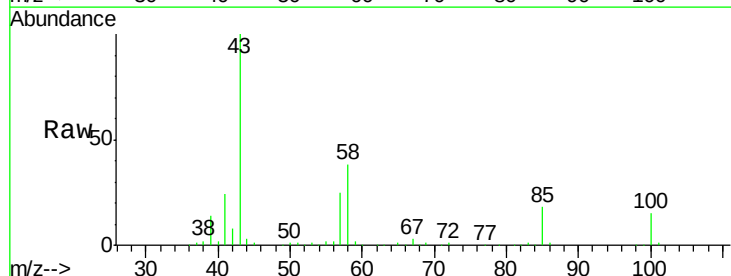
#39
 cis-1,3-Dichloropropene
 Concen: 45.73 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

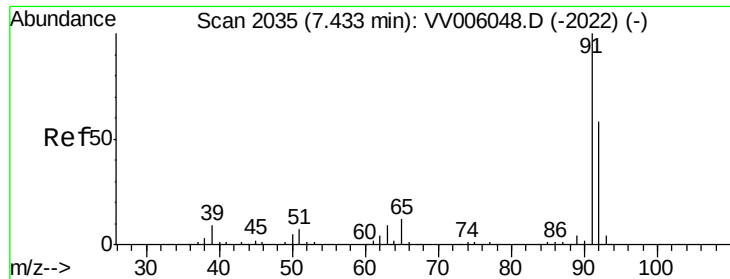
Tgt Ion: 75 Resp: 92423
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 103.75 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

Tgt Ion: 43 Resp: 188753
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.7 46.1
 100 15.0 12.1 18.1





#42

Toluene

Concen: 51.21 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006081.D

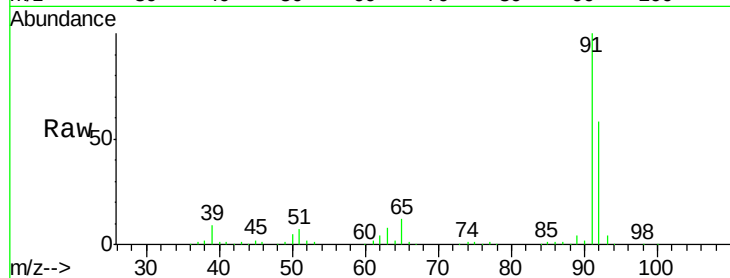
Acq: 27 May 2018 03:30

Tgt Ion: 91 Resp: 272909

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.44

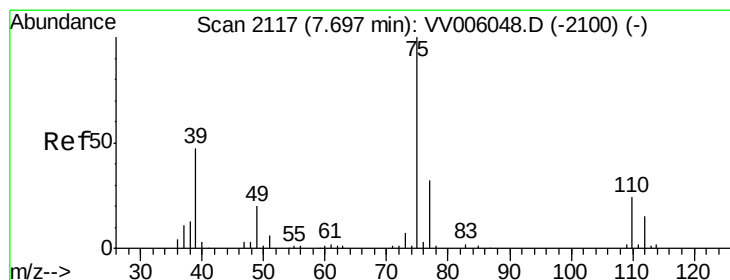
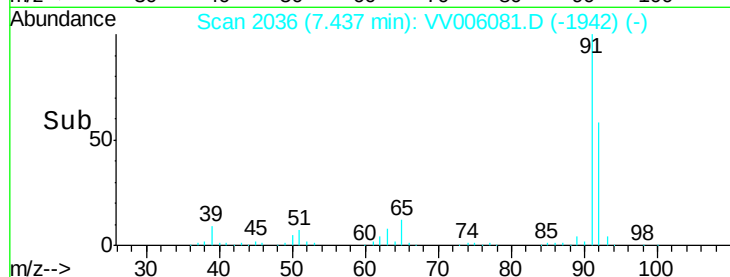
150000

100000

50000

0

Time--> 7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 46.11 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006081.D

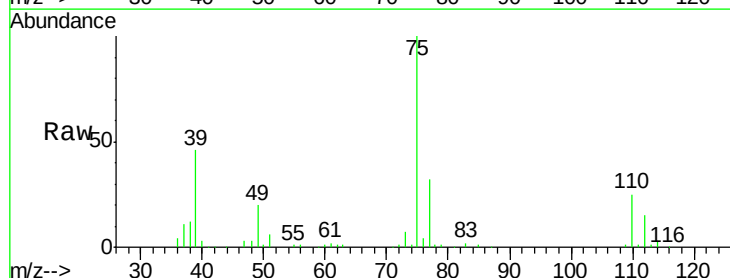
Acq: 27 May 2018 03:30

Tgt Ion: 75 Resp: 87802

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.70

60000

50000

40000

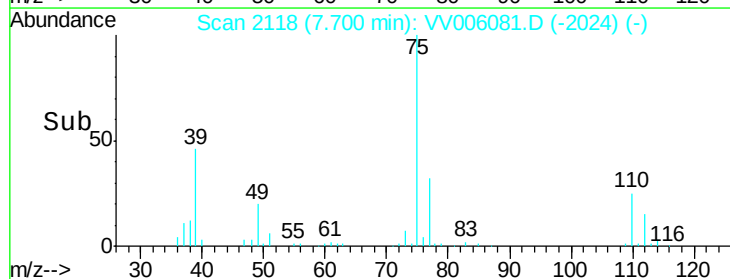
30000

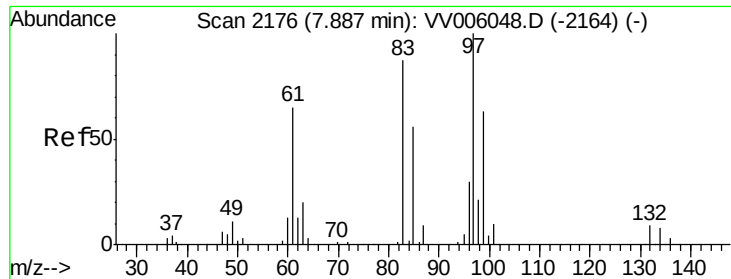
20000

10000

0

Time--> 7.60 7.65 7.70 7.75





#45

1,1,2-Trichloroethane

Concen: 50.15 ug/L

RT: 7.89 min Scan# 2177

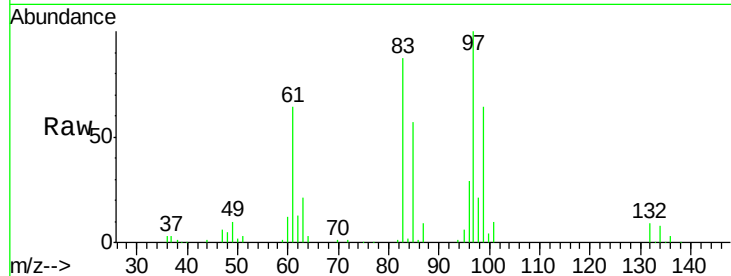
Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

Tgt Ion: 97 Resp: 65470

Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.6	81.0
83	86.9	60.7	112.7
85	57.1	39.3	72.9

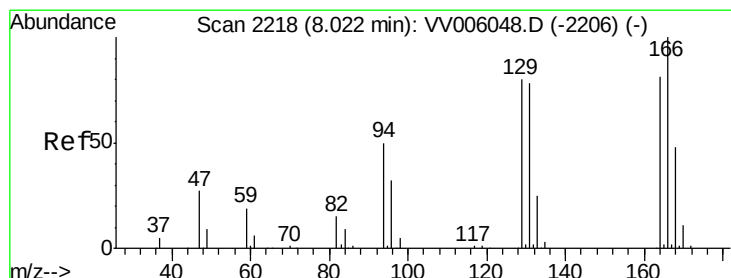
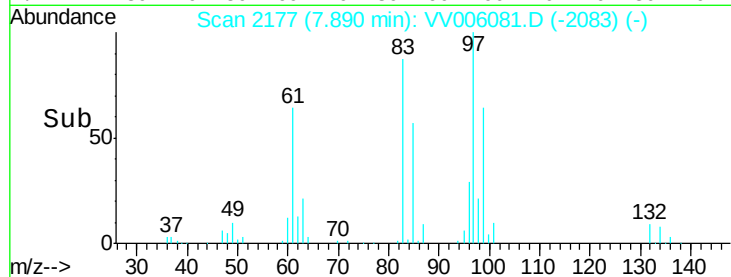


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 48.68 ug/L

RT: 8.02 min Scan# 2218

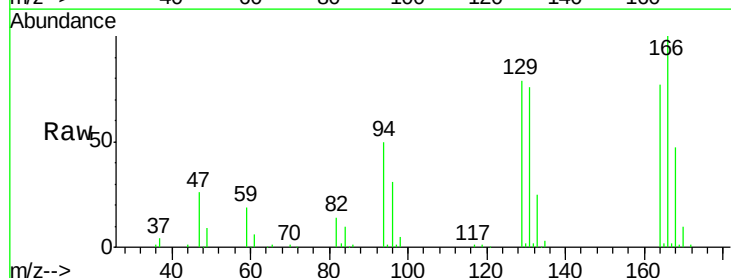
Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

Tgt Ion: 164 Resp: 48229

Ion	Ratio	Lower	Upper
164	100		
129	103.4	72.2	134.2
131	99.6	70.0	130.0
166	130.5	90.4	167.8

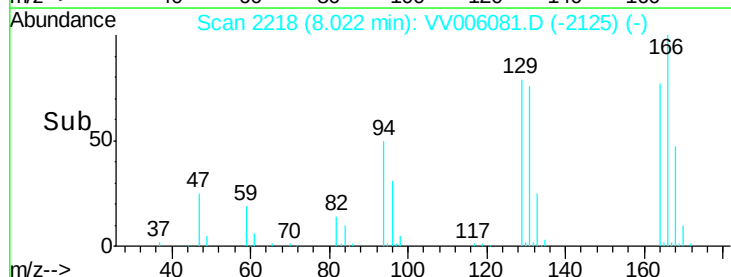


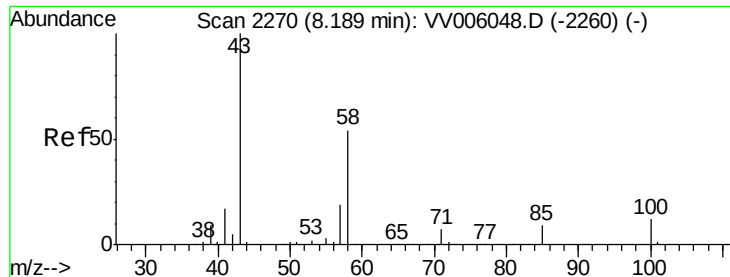
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

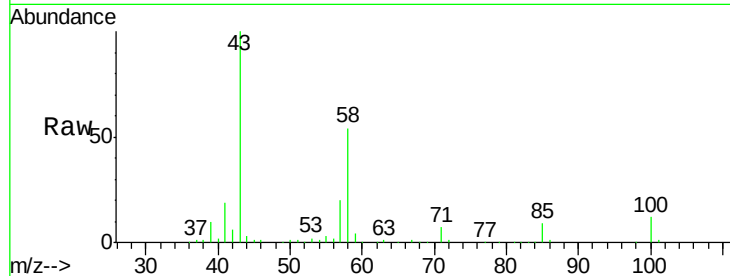




#48
2-Hexanone
Concen: 107.65 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.01 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion: 43 Resp: 149683

Ion	Ratio	Lower	Upper
43	100		
58	53.9	45.4	68.2
57	19.1	15.9	23.9
100	12.1	9.8	14.6

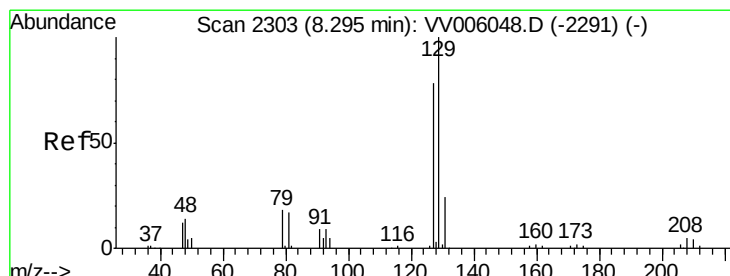
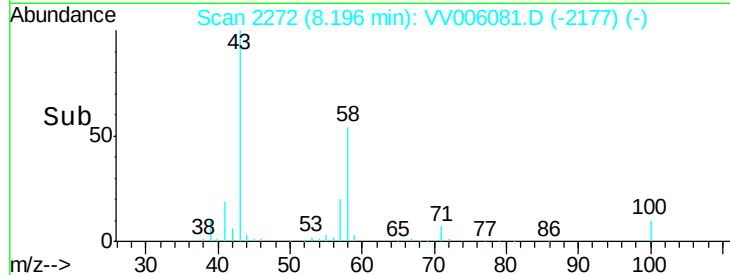
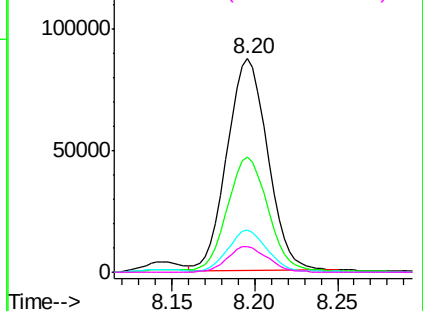


Abundance Ion 43.00 (42.70 to 43.70): VV006081.D (-2177) (-)

Ion 58.00 (57.70 to 58.70): VV006081.D (-2177) (-)

Ion 57.00 (56.70 to 57.70): VV006081.D (-2177) (-)

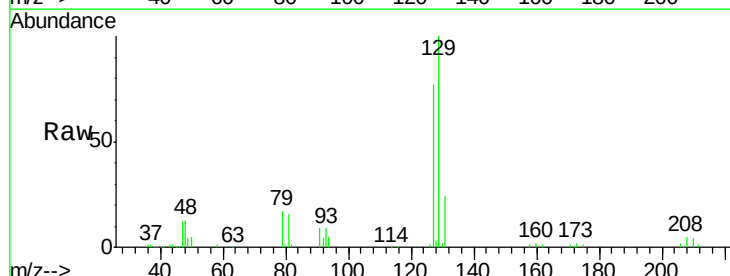
Ion 100.00 (99.70 to 100.70): VV006081.D (-2177) (-)



#49
Dibromochloromethane
Concen: 49.98 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

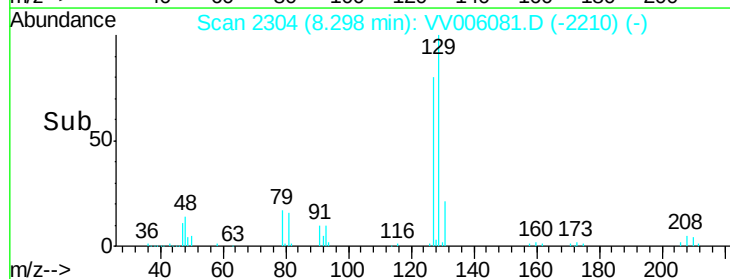
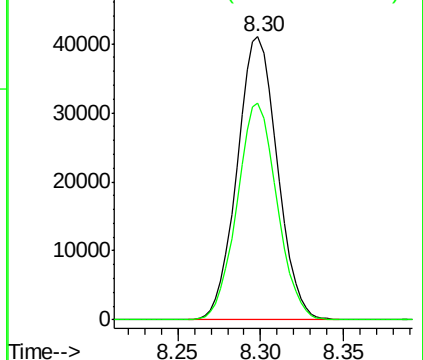
Tgt Ion: 129 Resp: 69231

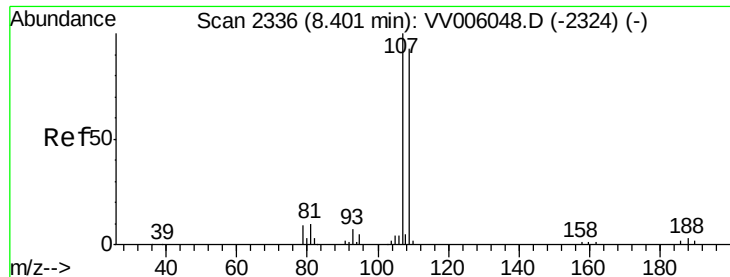
Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VV006081.D (-2210) (-)

Ion 127.00 (126.70 to 127.70): VV006081.D (-2210) (-)





#50

1,2-Dibromoethane

Concen: 49.02 ug/L

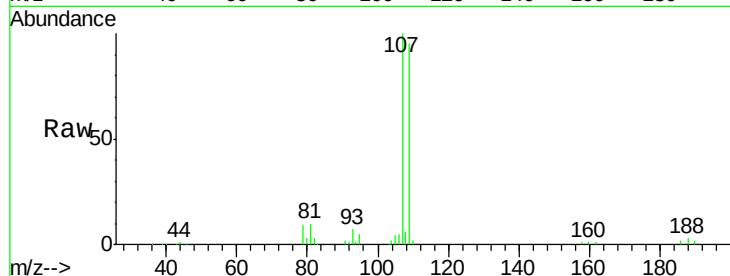
RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

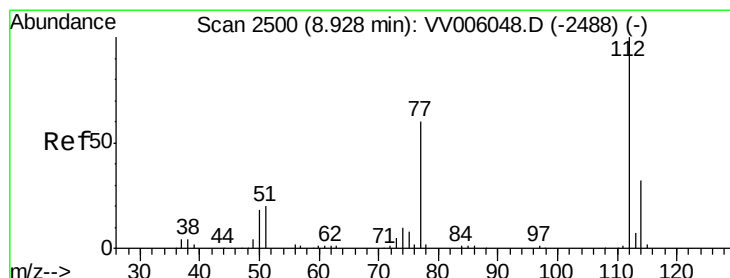
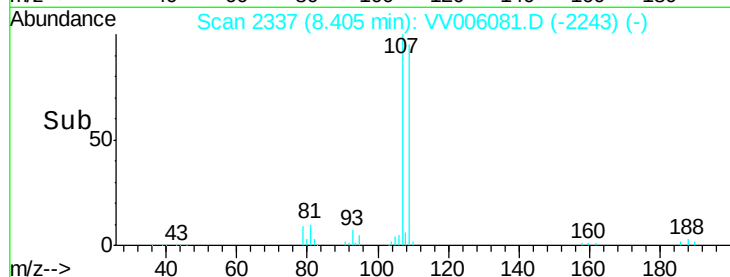
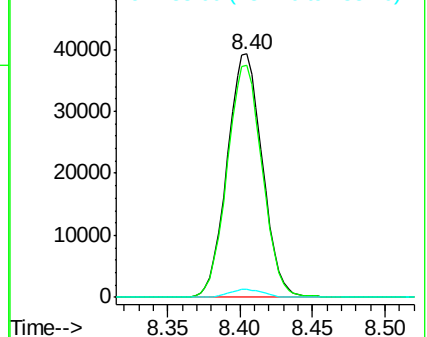
Lab File: VV006081.D

Acq: 27 May 2018 03:30

Tgt Ion:	107	Resp:	65981
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.8	120.4
188	3.3	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: 49.42 ug/L

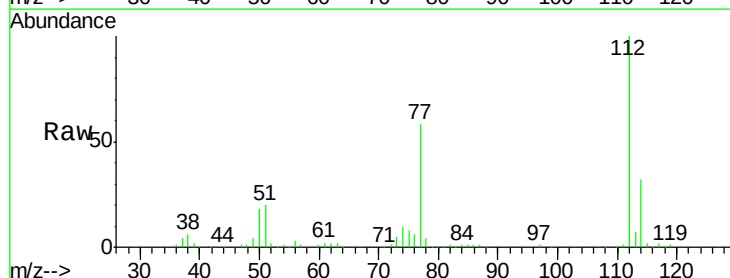
RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

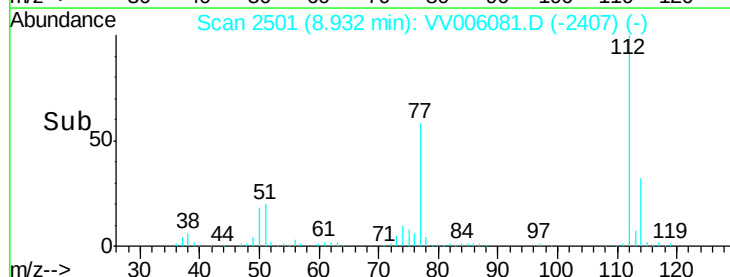
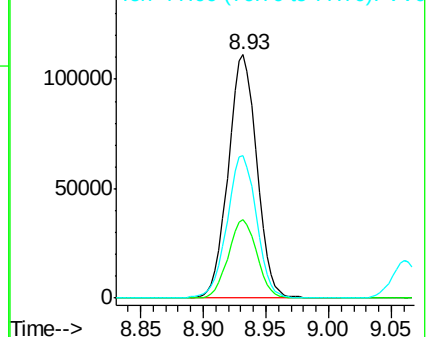
Lab File: VV006081.D

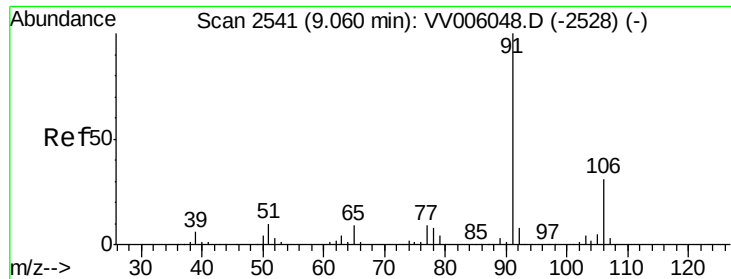
Acq: 27 May 2018 03:30

Tgt Ion:	112	Resp:	175951
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.1
77	58.3	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: 50.16 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006081.D

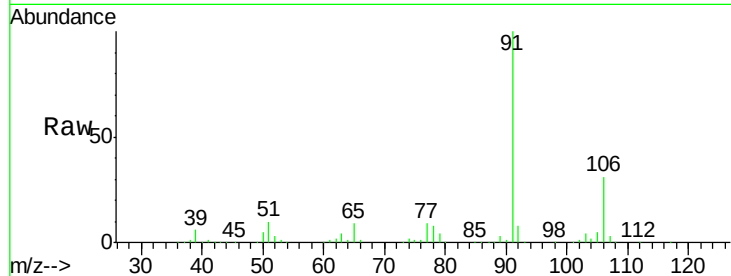
Acq: 27 May 2018 03:30

Tgt Ion: 91 Resp: 294486

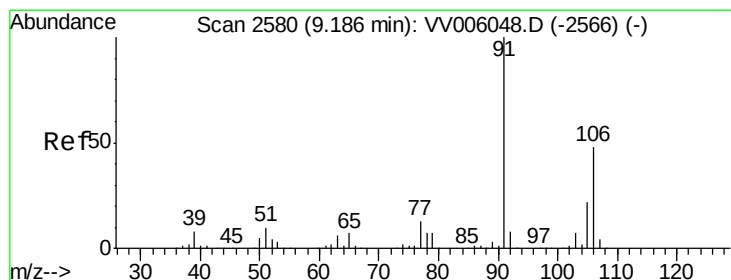
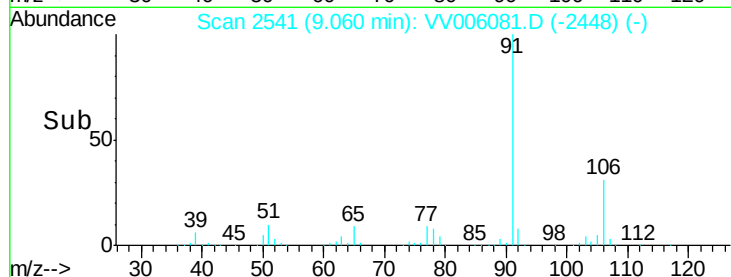
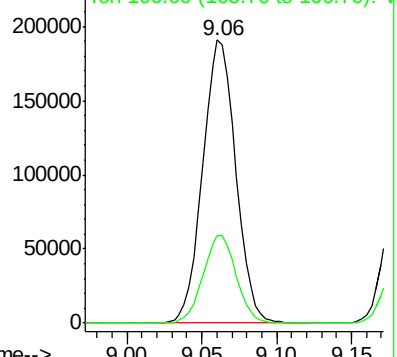
Ion Ratio Lower Upper

91 100

106 31.0 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2528) (-)



#53

m,p-Xylene

Concen: 52.57 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006081.D

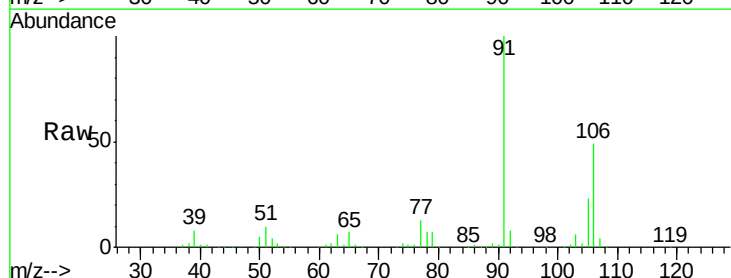
Acq: 27 May 2018 03:30

Tgt Ion: 106 Resp: 113932

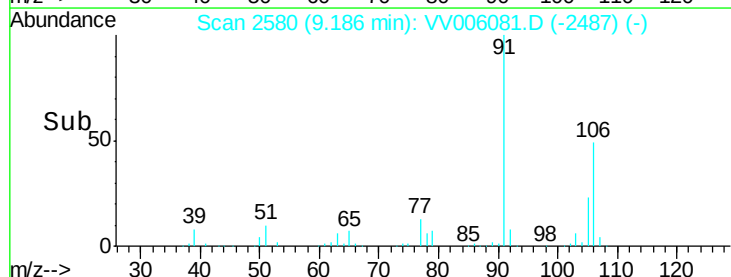
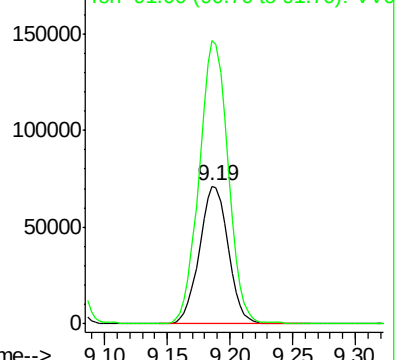
Ion Ratio Lower Upper

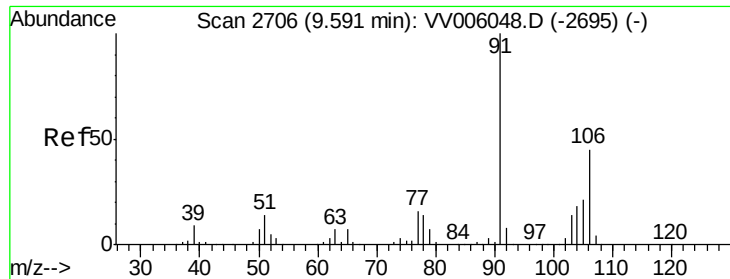
106 100

91 205.8 146.4 271.8



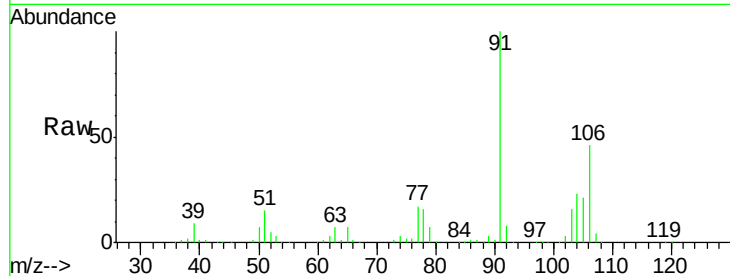
Abundance Ion 106.00 (105.70 to 106.70): VV006048.D (-2566) (-)



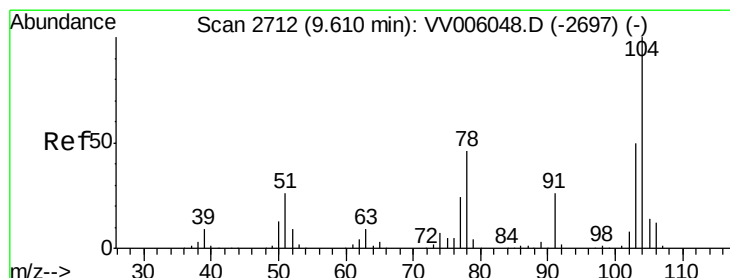
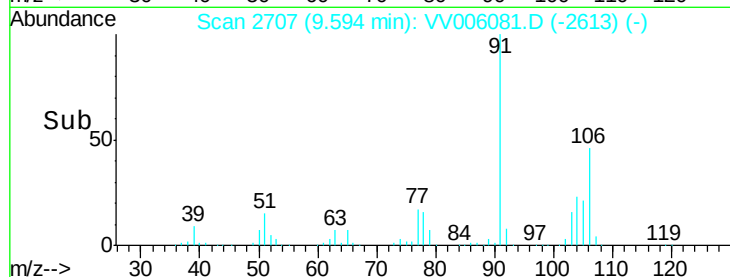
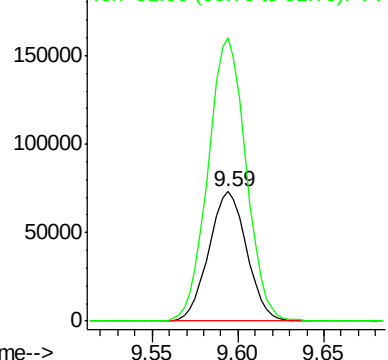


#54
o-xylene
Concen: 52.47 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion:106 Resp: 112428
Ion Ratio Lower Upper
106 100
91 218.7 155.7 289.1

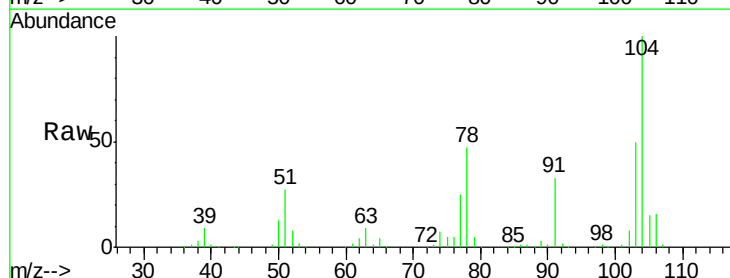


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

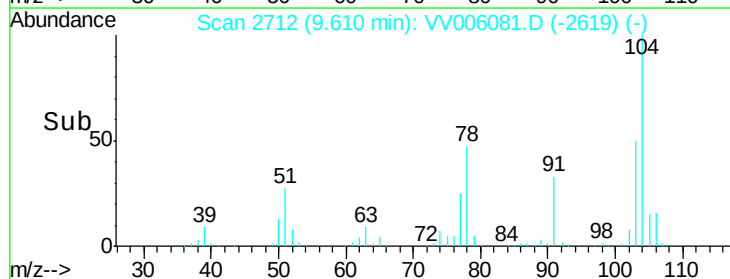
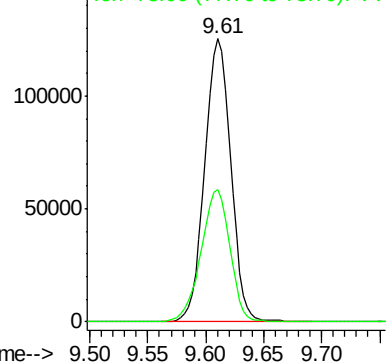


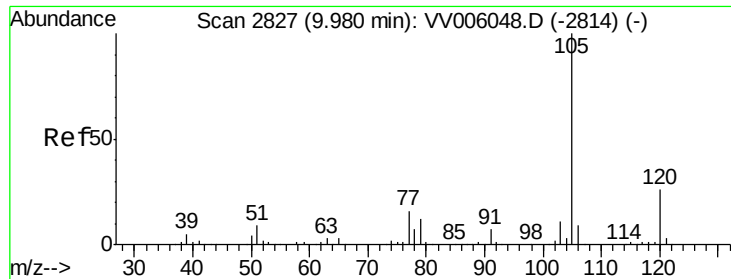
#55
Styrene
Concen: 53.32 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion:104 Resp: 195540
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





#56

Isopropylbenzene

Concen: 51.61 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

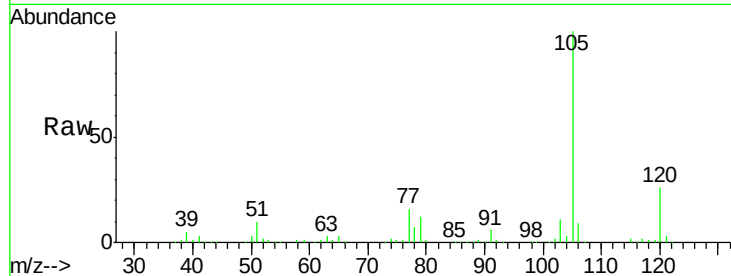
Tgt Ion: 105 Resp: 295400

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

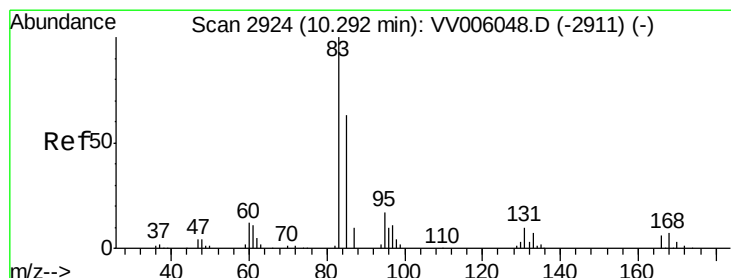
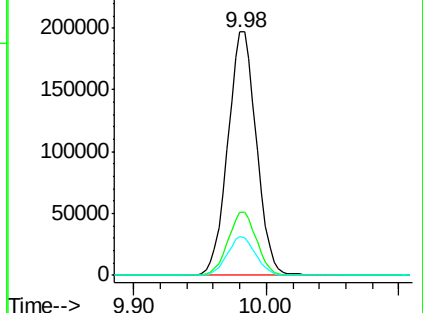
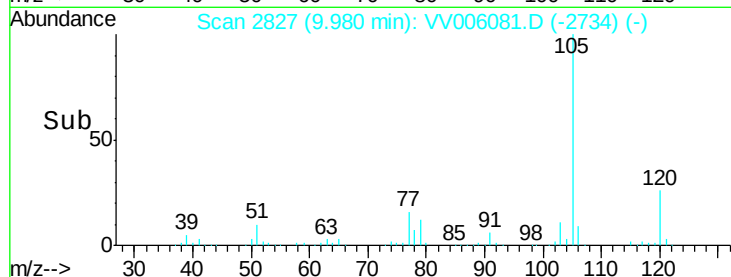
77 15.8 12.9 19.3



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: 53.94 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

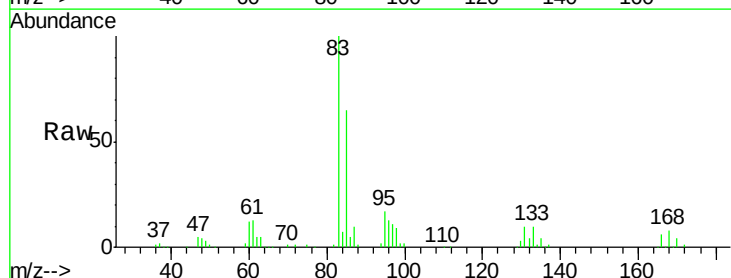
Tgt Ion: 83 Resp: 115483

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2

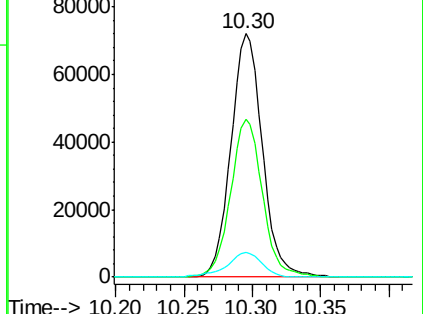
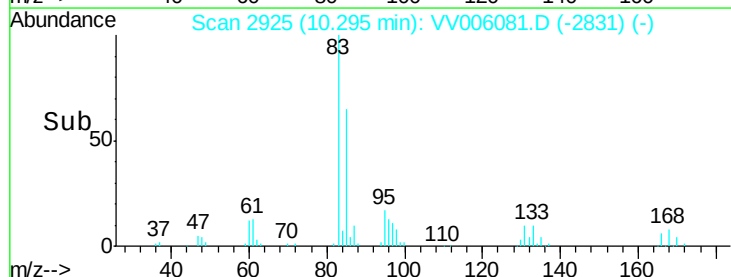
131 9.9 8.5 12.7

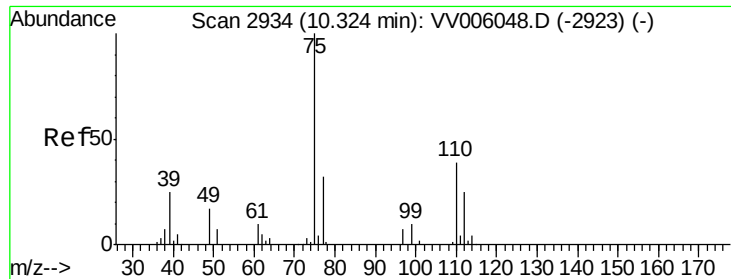


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 53.66 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. 0.00 min

Lab File: VV006081.D

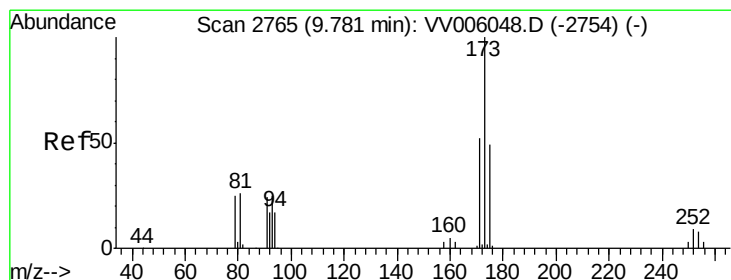
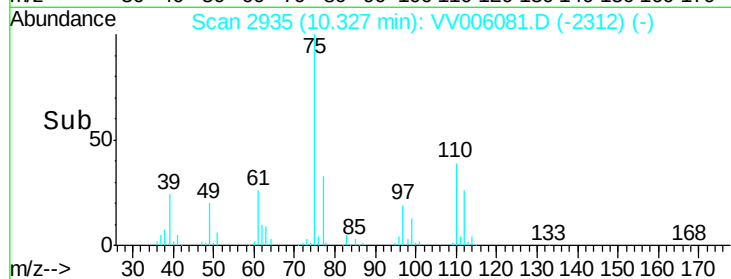
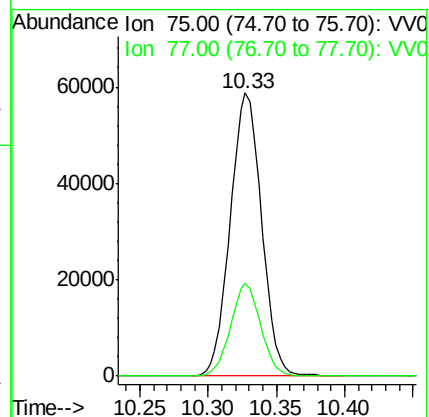
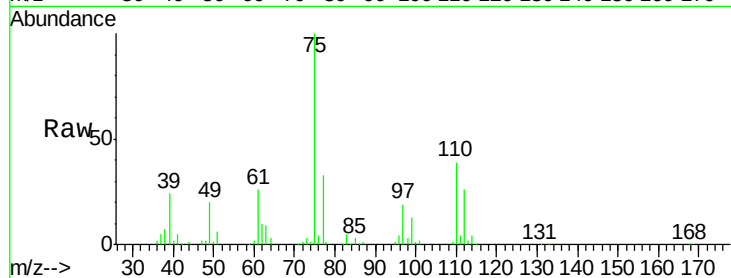
Acq: 27 May 2018 03:30

Tgt Ion: 75 Resp: 93922

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#61

Bromoform

Concen: 46.76 ug/L

RT: 9.78 min Scan# 2766

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

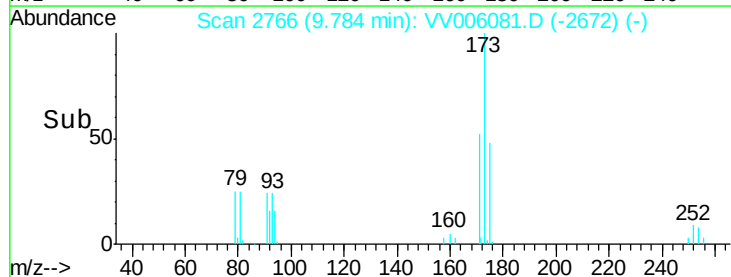
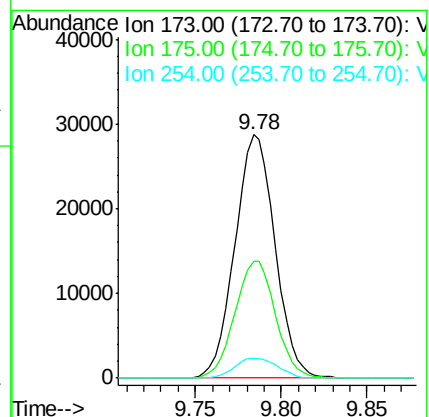
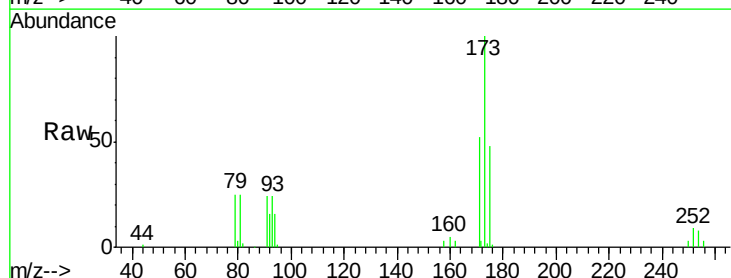
Tgt Ion: 173 Resp: 46551

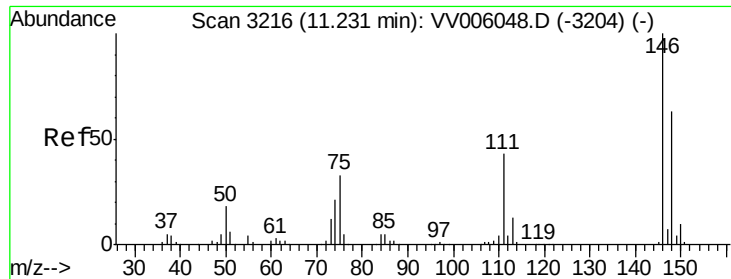
Ion Ratio Lower Upper

173 100

175 48.5 38.6 57.8

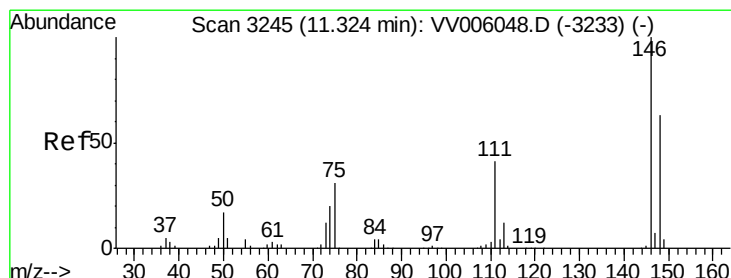
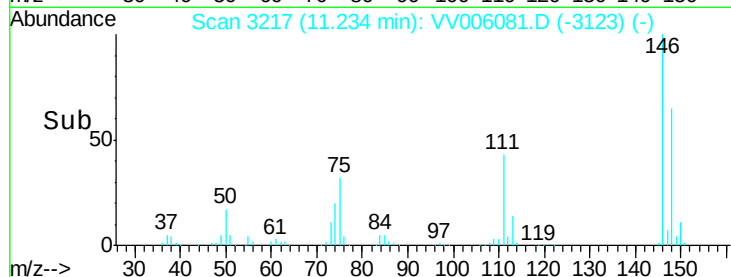
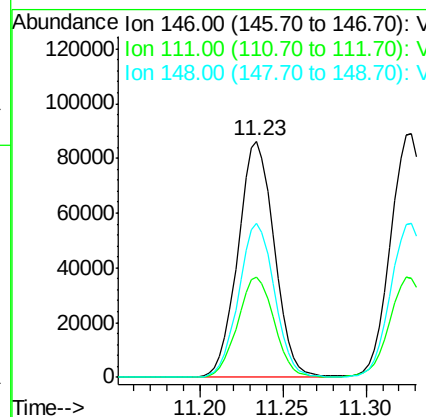
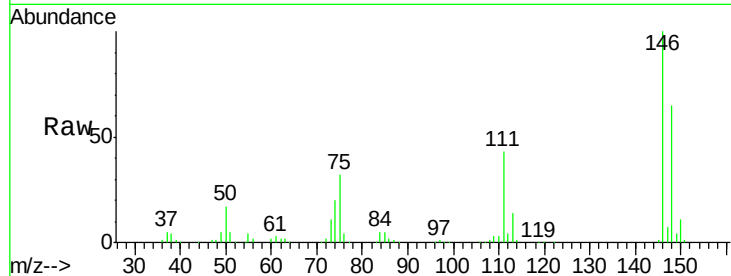
254 8.5 6.3 9.5





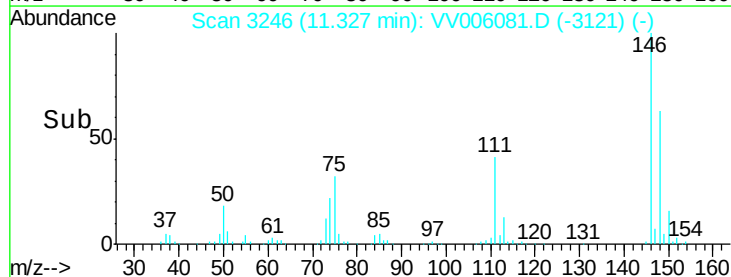
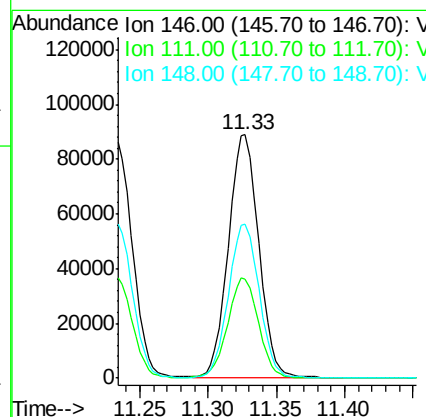
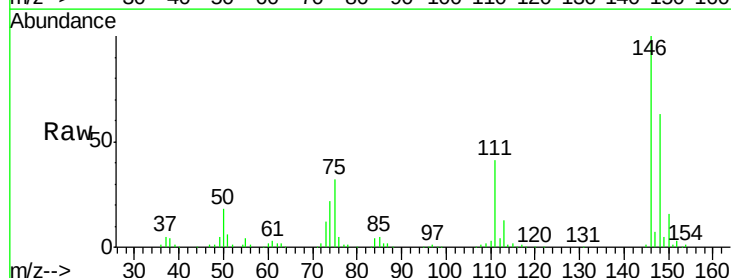
#62
 1,3-Dichlorobenzene
 Concen: 48.00 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

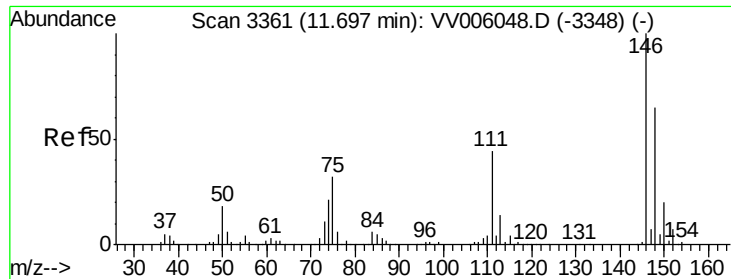
Tgt Ion:146 Resp: 131947
 Ion Ratio Lower Upper
 146 100
 111 42.7 29.8 55.3
 148 65.2 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 48.10 ug/L
 RT: 11.33 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

Tgt Ion:146 Resp: 138551
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.8 53.4
 148 63.3 44.7 83.1





#65

1,2-Dichlorobenzene

Concen: 50.88 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

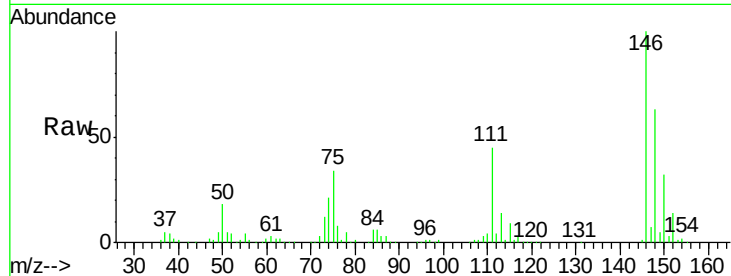
Tgt Ion: 146 Resp: 150266

Ion Ratio Lower Upper

146 100

111 44.7 35.3 52.9

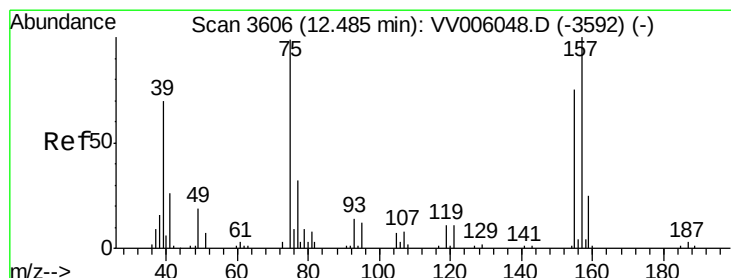
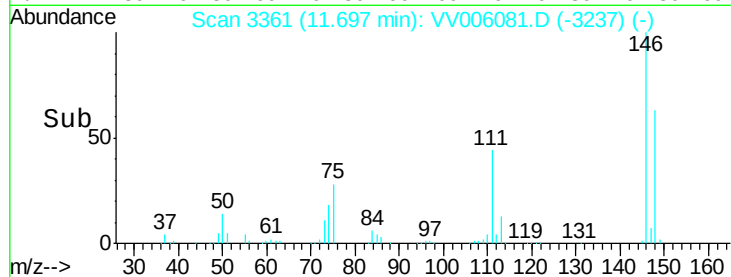
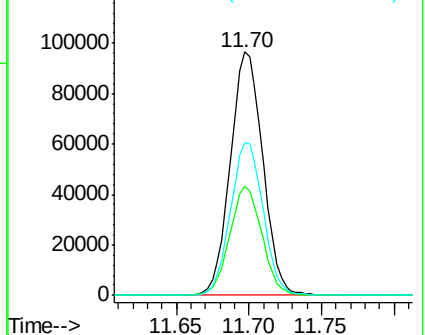
148 62.9 50.1 75.1



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: 45.34 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006081.D

Acq: 27 May 2018 03:30

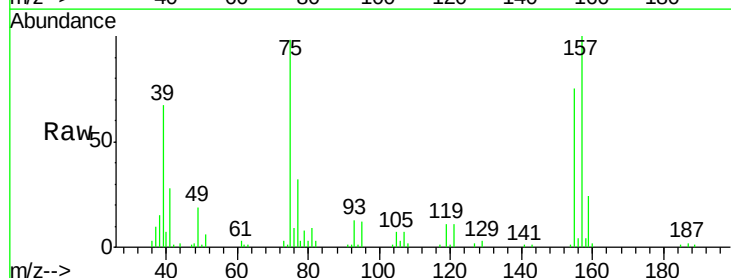
Tgt Ion: 75 Resp: 22344

Ion Ratio Lower Upper

75 100

155 76.6 60.1 90.1

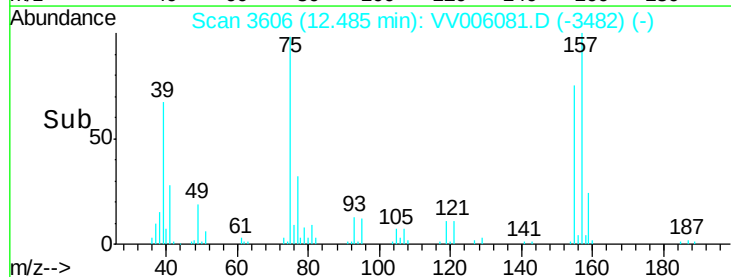
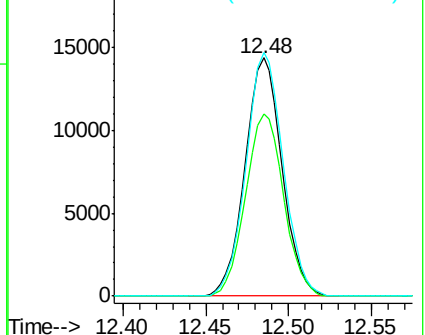
157 102.2 78.4 117.6

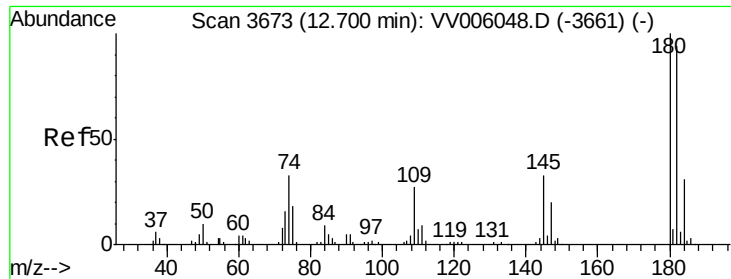


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

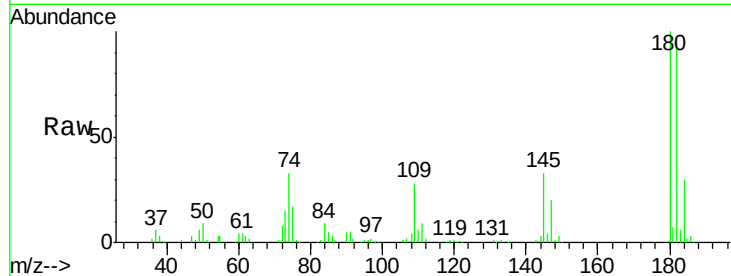
Ion 157.00 (156.70 to 157.70): V



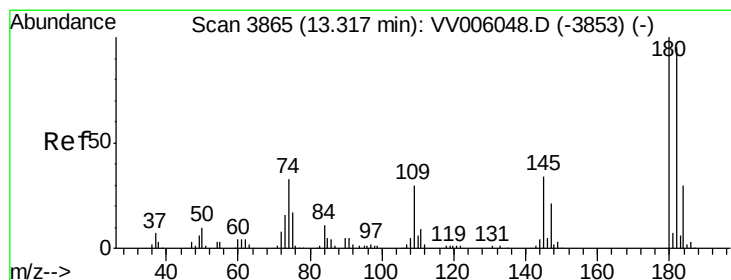
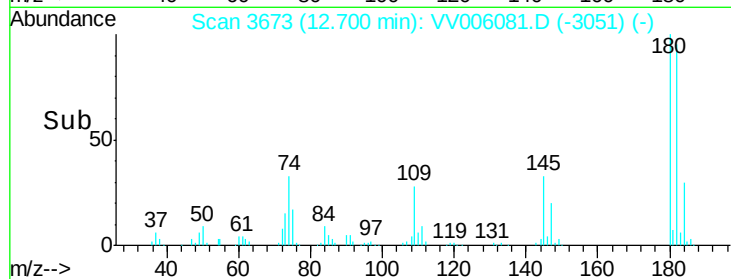
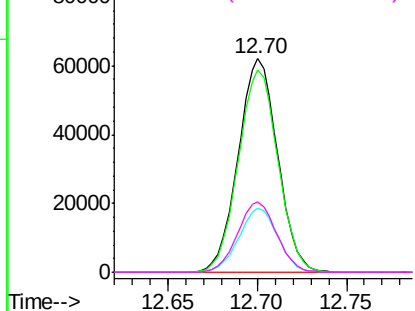


#67
 1,3,5-Trichlorobenzene
 Concen: 48.82 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

Tgt Ion:180 Resp: 95831
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.7 113.5
 184 29.5 24.3 36.5
 145 32.7 25.8 38.6

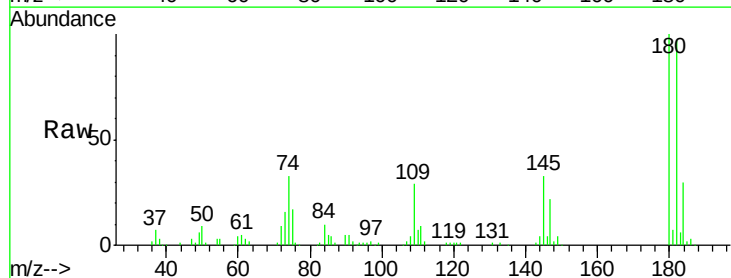


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

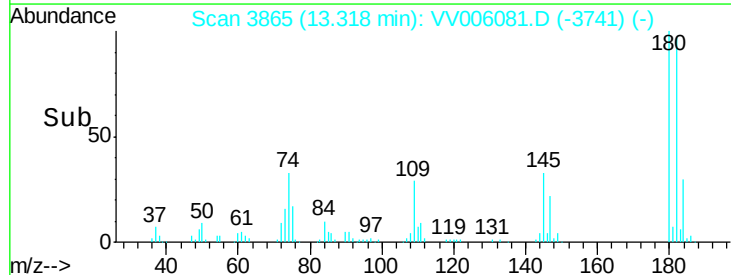
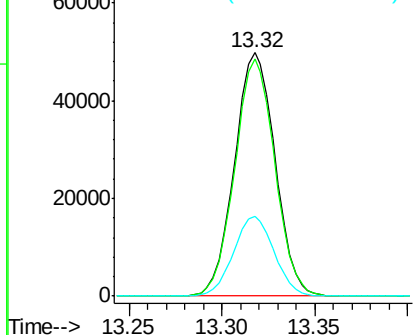


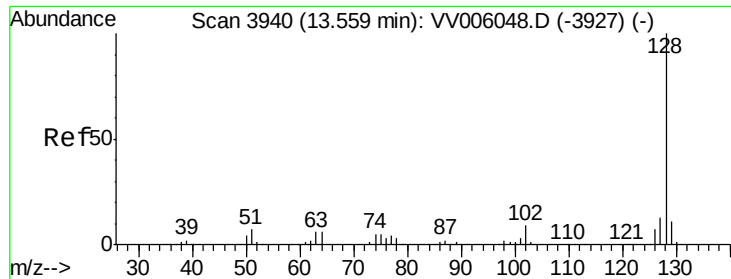
#68
 1,2,4-trichlorobenzene
 Concen: 47.04 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006081.D
 Acq: 27 May 2018 03:30

Tgt Ion:180 Resp: 75805
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.9 112.3
 145 32.8 26.3 39.5



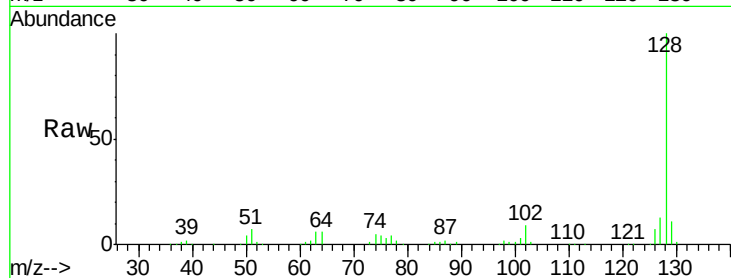
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



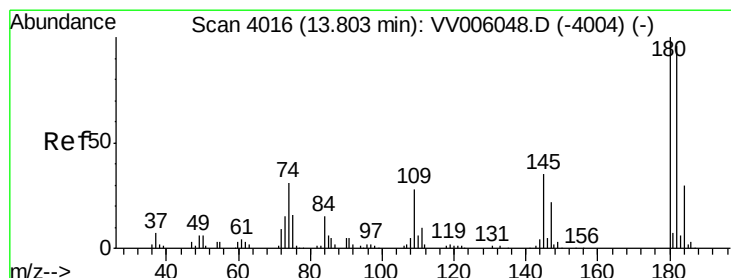
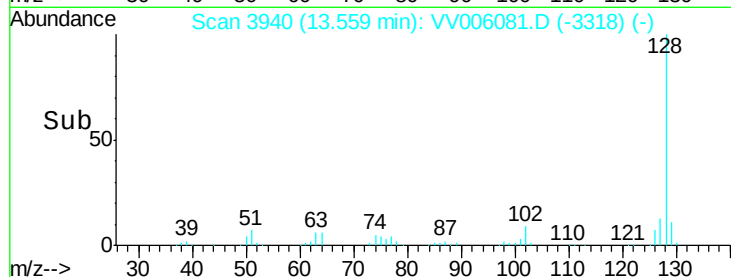
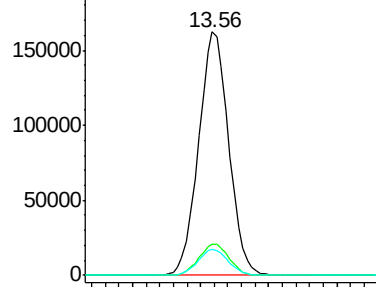


#69
Naphthalene
Concen: 49.09 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion:128 Resp: 248236
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2

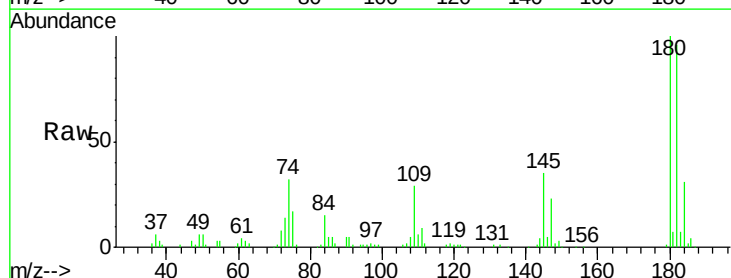


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 48.28 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006081.D
Acq: 27 May 2018 03:30

Tgt Ion:180 Resp: 85480
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 34.9 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

