

Data File : VV006086.D
Acq On : 27 May 2018 14:45
Operator : SY/MD
Sample : VSTD10073
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 27 23:59:32 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	271490	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	256047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231452	118.07	ug/L	0.00
7) Chloroethane-d5	1.55	69	88575	72.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	415596	114.59	ug/L	0.00
21) 2-Butanone-d5	3.96	46	246274	228.06	ug/L	0.00
24) Chloroform-d	4.41	84	410993	113.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	264904	111.54	ug/L	0.00
32) Benzene-d6	5.10	84	854091	120.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	279285	123.02	ug/L	0.00
41) Toluene-d8	7.37	98	812454	124.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	131350	128.13	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	245627	274.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	406322	128.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	367747	121.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	203697	87.72	ug/L	# 83
3) Chloromethane	1.26	50	238009	93.20	ug/L	99
5) Vinyl chloride	1.32	62	224101	97.58	ug/L	100
6) Bromomethane	1.51	94	84730	87.84	ug/L	100
8) Chloroethane	1.57	64	56757	48.80	ug/L	98
9) Trichlorofluoromethane	1.75	101	297925	93.99	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	183784	101.25	ug/L	100
12) 1,1-Dichloroethene	2.13	96	167749	100.39	ug/L	93
13) Acetone	2.20	43	239298	209.20	ug/L	100
14) Carbon disulfide	2.31	76	474022	96.57	ug/L	100
15) Methyl Acetate	2.46	43	219340	94.08	ug/L	100
16) Methylene chloride	2.54	84	191804	96.70	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	176124	98.31	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	595591	98.81	ug/L	99
19) 1,1-Dichloroethane	3.23	63	342835	94.42	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	196995	93.24	ug/L	99
22) 2-Butanone	4.04	43	329216	204.90	ug/L	100
23) Bromochloromethane	4.30	128	99693	96.54	ug/L	99
25) Chloroform	4.43	83	337433	89.49	ug/L	100
27) 1,2-Dichloroethane	5.19	62	268567	88.01	ug/L	99
29) Cyclohexane	4.72	56	314198	100.74	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	286108	87.92	ug/L	99
31) Carbon tetrachloride	4.88	117	251274	89.40	ug/L	99
33) Benzene	5.15	78	761027	95.92	ug/L	100
34) Trichloroethene	5.96	95	187345	92.31	ug/L	99
35) Methylcyclohexane	6.18	83	332569	104.02	ug/L	99
37) 1,2-Dichloropropane	6.23	63	209633	98.08	ug/L	100
38) Bromodichloromethane	6.56	83	249700	92.15	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	319936	102.82	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	582445	205.87	ug/L	99

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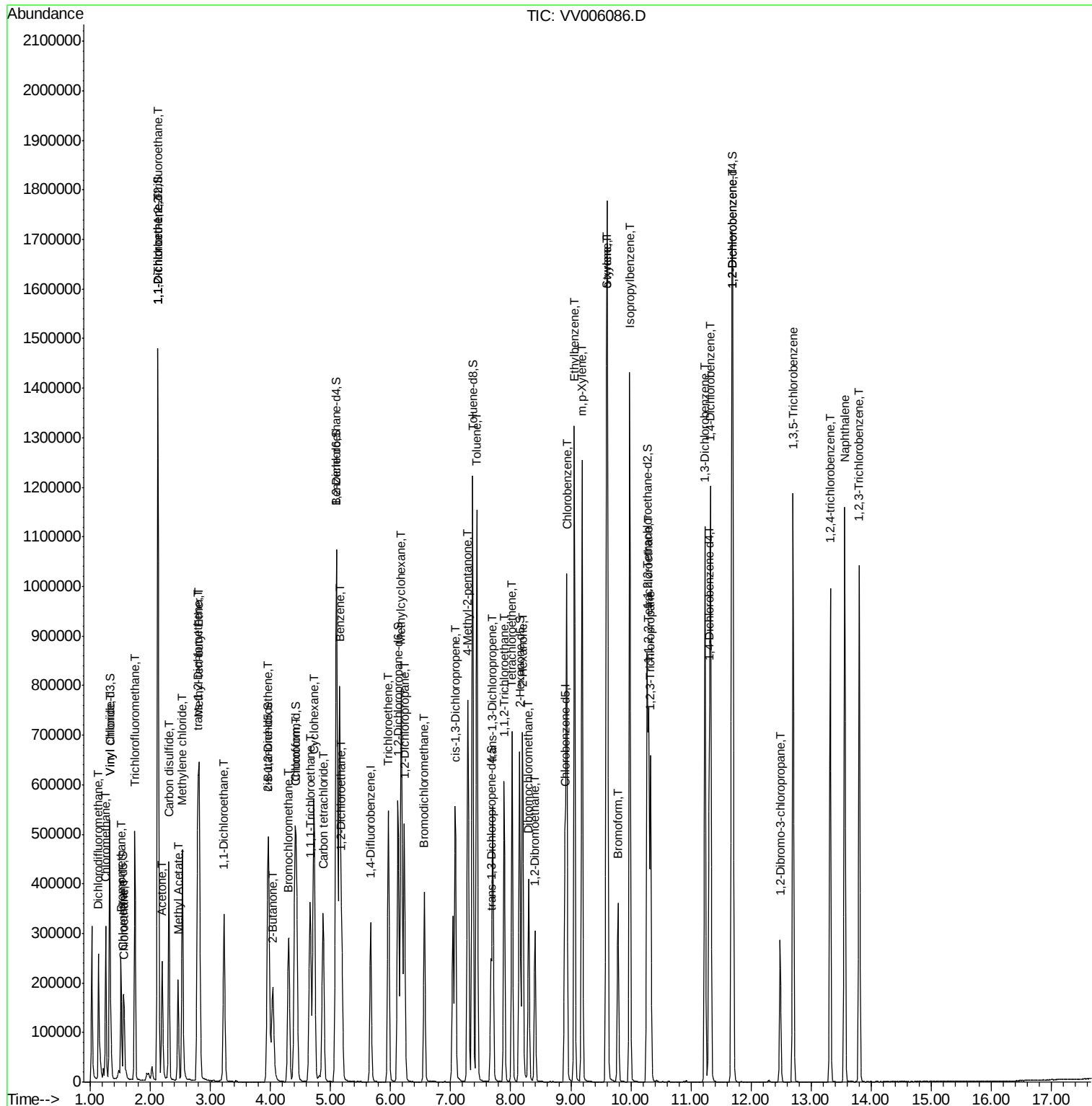
Quant Time: May 27 23:59:32 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
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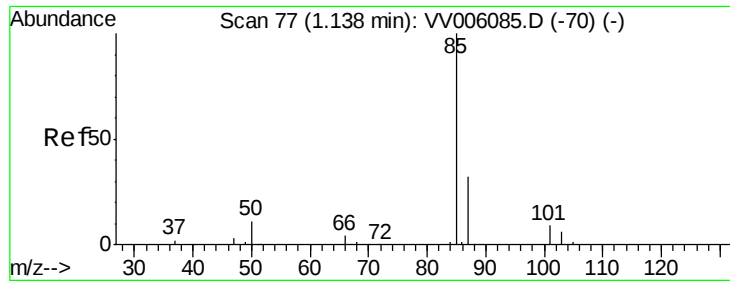
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	812952	98.77	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	295757	101.36	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	192934	95.60	ug/L	99
46) Tetrachloroethene	8.02	164	162190	103.48	ug/L	99
48) 2-Hexanone	8.20	43	490209	221.64	ug/L	99
49) Dibromochloromethane	8.30	129	212685	99.92	ug/L	100
50) 1,2-Dibromoethane	8.40	107	197744	95.34	ug/L	99
51) Chlorobenzene	8.93	112	525530	95.54	ug/L	99
52) Ethylbenzene	9.06	91	903273	100.01	ug/L	100
53) m,p-Xylene	9.19	106	344623	102.74	ug/L	100
54) o-xylene	9.59	106	344242	104.27	ug/L	98
55) Styrene	9.61	104	600601	106.05	ug/L	100
56) Isopropylbenzene	9.98	105	909766	103.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	349150	103.62	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	265979	97.76	ug/L	100
61) Bromoform	9.79	173	166248	95.94	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	449082	93.89	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	466917	93.02	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	486494	94.14	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	66501	80.42	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	366281	105.03	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	312966	110.12	ug/L	99
69) Naphthalene	13.56	128	887519	103.43	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	330288	105.94	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 87.72 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006086.D

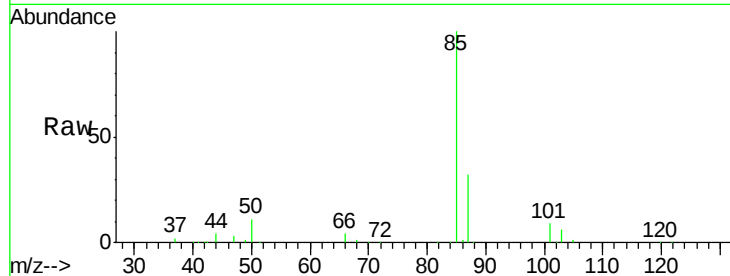
Acq: 27 May 2018 14:45

Tgt Ion: 85 Resp: 203697

Ion Ratio Lower Upper

85 100

87 31.7 18.6 28.0#



Abundance Ion 85.00 (84.70 to 85.70): VV006085.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006085.D (-70) (-)

1.14

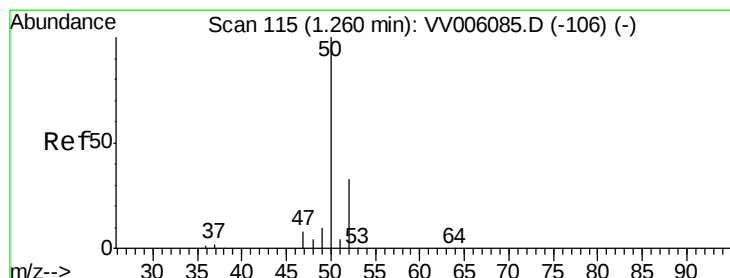
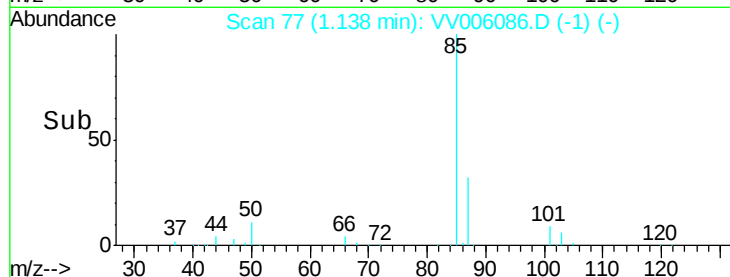
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 93.20 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006086.D

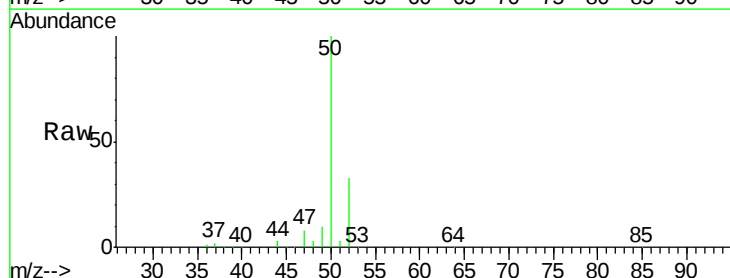
Acq: 27 May 2018 14:45

Tgt Ion: 50 Resp: 238009

Ion Ratio Lower Upper

50 100

52 32.6 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV006085.D (-106) (-)

Ion 52.00 (51.70 to 52.70): VV006085.D (-106) (-)

1.26

200000

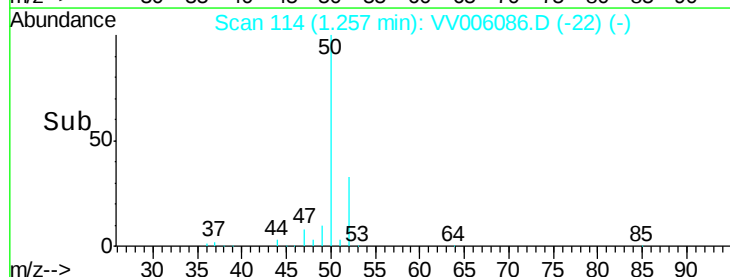
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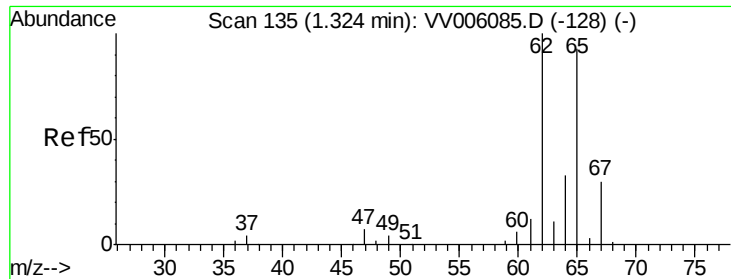
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 97.58 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006086.D

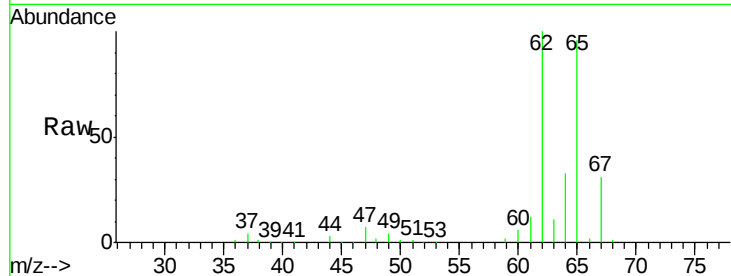
Acq: 27 May 2018 14:45

Tgt Ion: 62 Resp: 224101

Ion Ratio Lower Upper

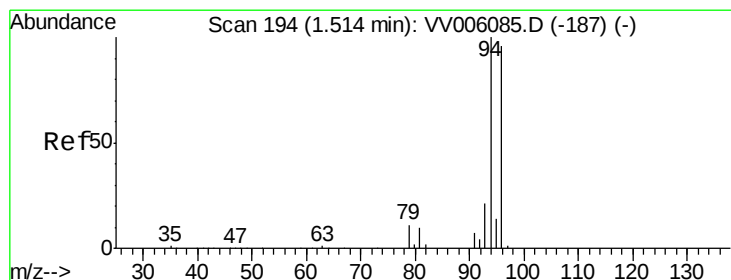
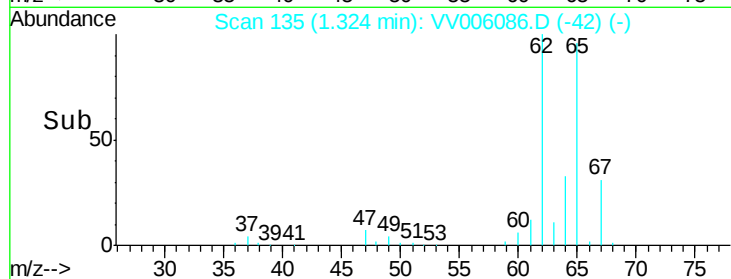
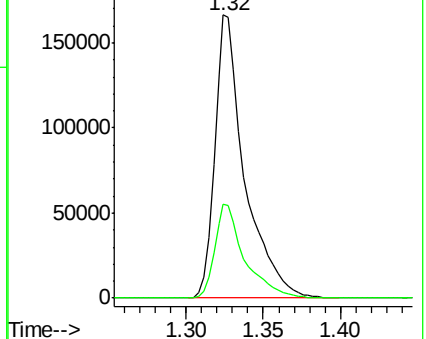
62 100

64 33.1 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: 87.84 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006086.D

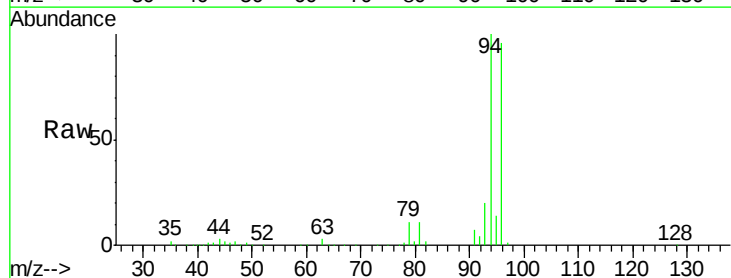
Acq: 27 May 2018 14:45

Tgt Ion: 94 Resp: 84730

Ion Ratio Lower Upper

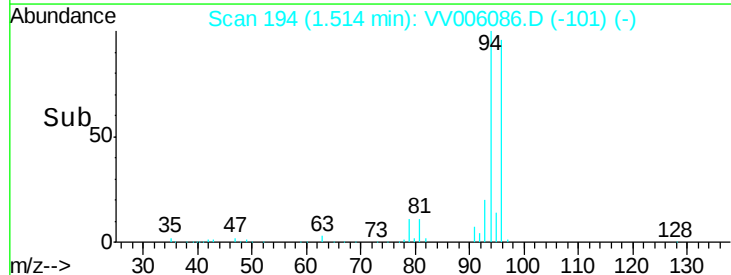
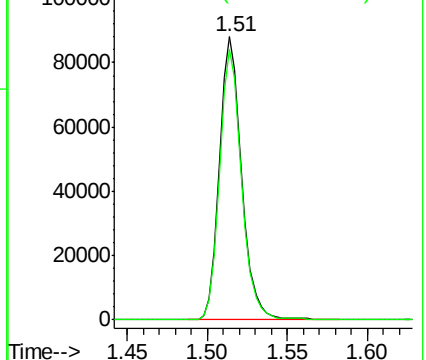
94 100

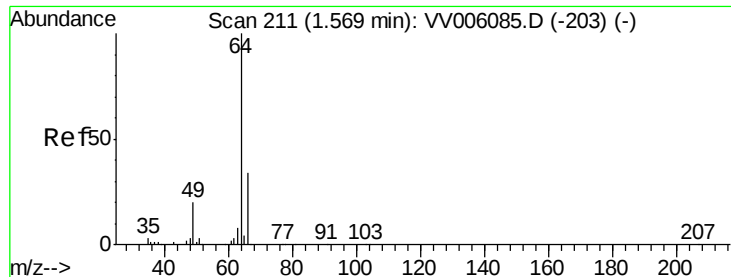
96 95.7 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 48.80 ug/L

RT: 1.57 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV006086.D

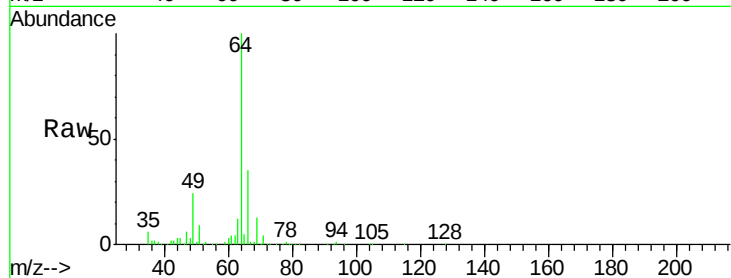
Acq: 27 May 2018 14:45

Tgt Ion: 64 Resp: 56757

Ion Ratio Lower Upper

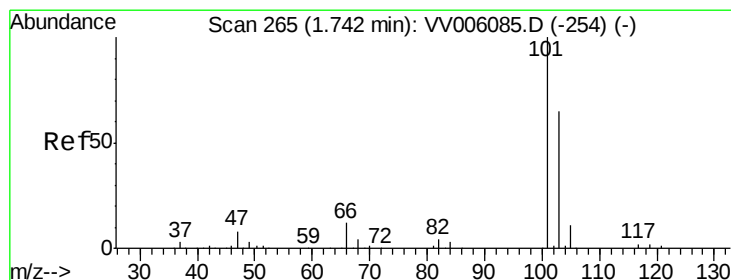
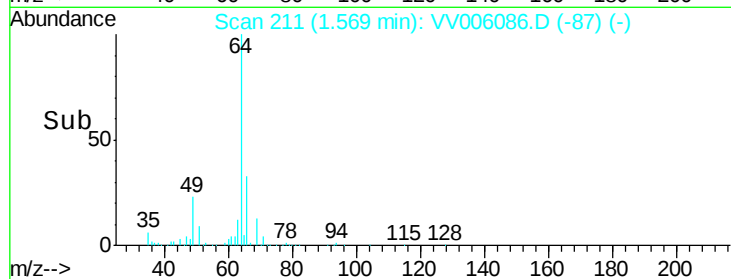
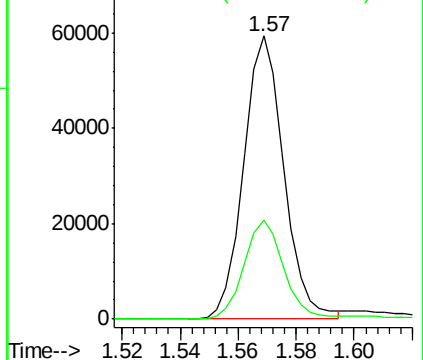
64 100

66 34.9 23.4 43.6



Abundance Ion 64.00 (63.70 to 64.70): VV006085.D (-203) (-)

Ion 66.00 (65.70 to 66.70): VV006085.D (-203) (-)



#9

Trichlorofluoromethane

Concen: 93.99 ug/L

RT: 1.75 min Scan# 266

Delta R.T. 0.00 min

Lab File: VV006086.D

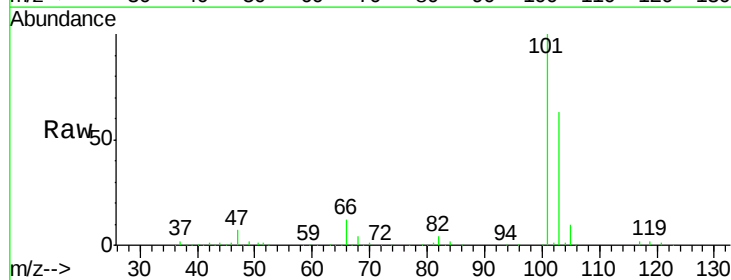
Acq: 27 May 2018 14:45

Tgt Ion: 101 Resp: 297925

Ion Ratio Lower Upper

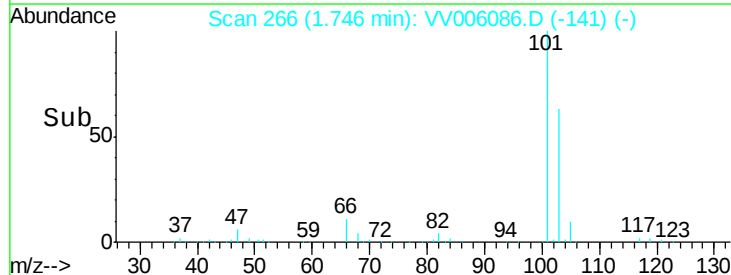
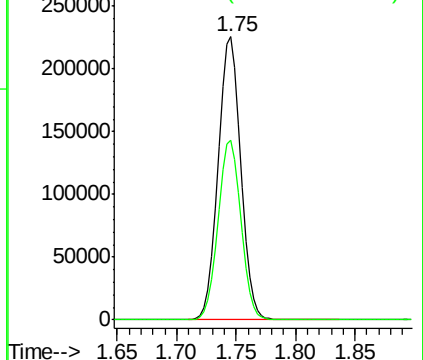
101 100

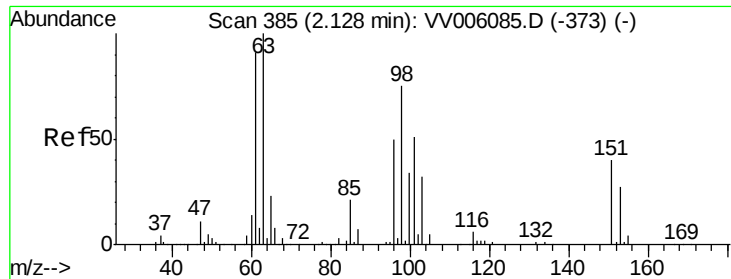
103 64.1 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VV006085.D (-254) (-)

Ion 103.00 (102.70 to 103.70): VV006085.D (-254) (-)





#10

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

Concen: 101.25 ug/L

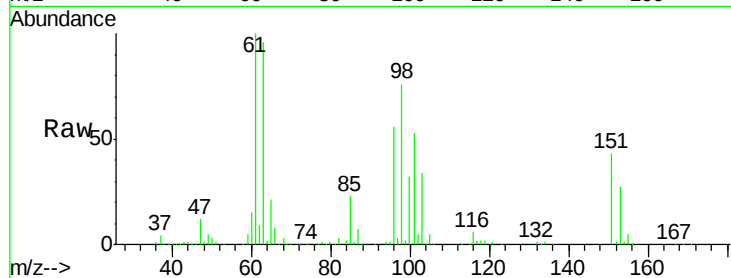
RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

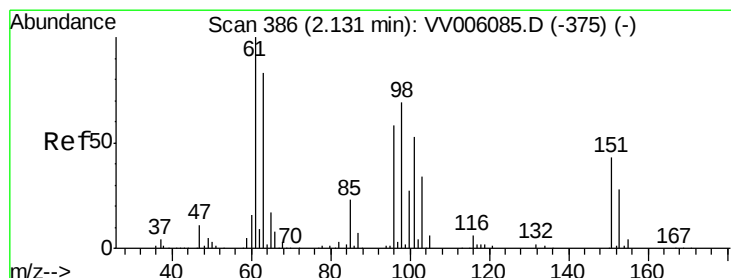
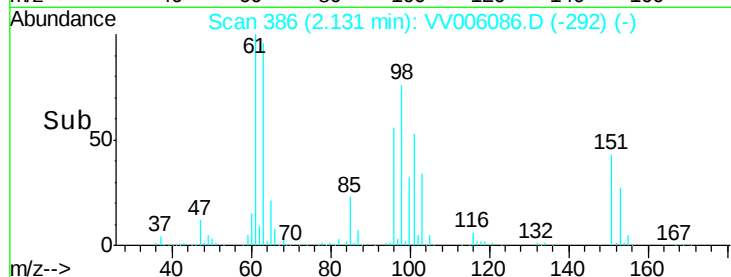
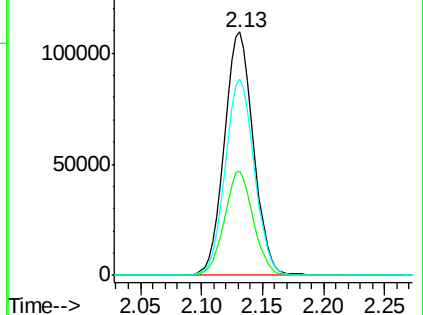
Tgt Ion:	101	Resp:	183784
Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.0	51.0
151	80.7	64.7	97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006086.D (-292) (-)

Ion 85.00 (84.70 to 85.70): VV006086.D (-292) (-)

Ion 151.00 (150.70 to 151.70): VV006086.D (-292) (-)



#12

1,1-Dichloroethene

Concen: 100.39 ug/L

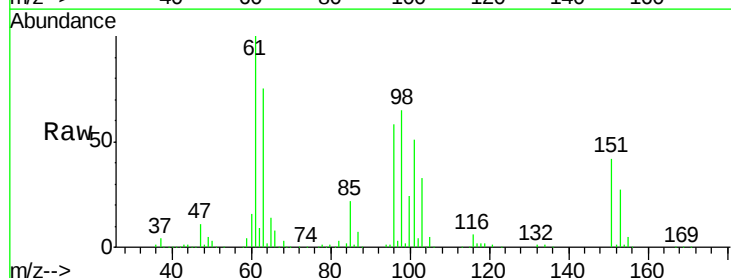
RT: 2.13 min Scan# 387

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

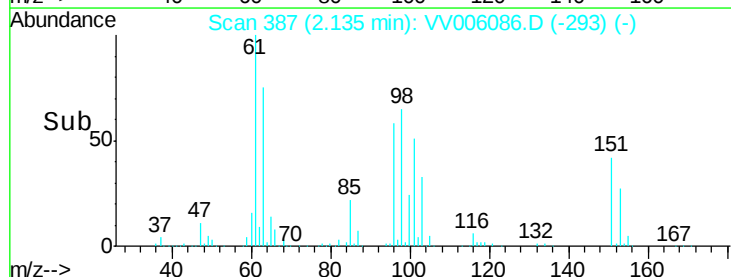
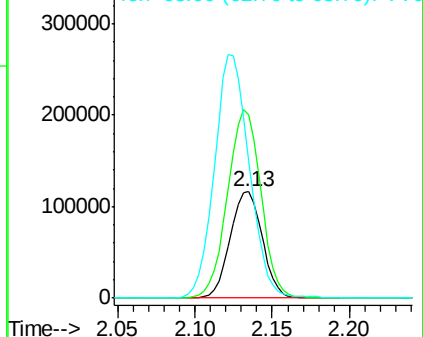
Tgt Ion:	96	Resp:	167749
Ion	Ratio	Lower	Upper
96	100		
61	172.1	120.5	223.9
63	129.2	103.3	191.9

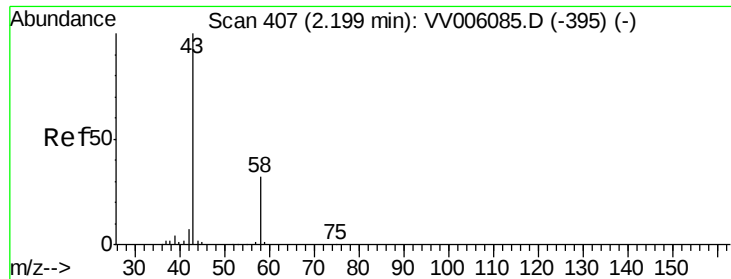


Abundance Ion 96.00 (95.70 to 96.70): VV006086.D (-293) (-)

Ion 61.00 (60.70 to 61.70): VV006086.D (-293) (-)

Ion 63.00 (62.70 to 63.70): VV006086.D (-293) (-)





#13

Acetone

Concen: 209.20 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV006086.D

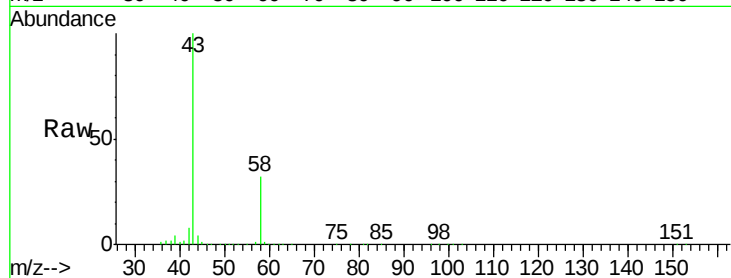
Acq: 27 May 2018 14:45

Tgt Ion: 43 Resp: 239298

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

150000

100000

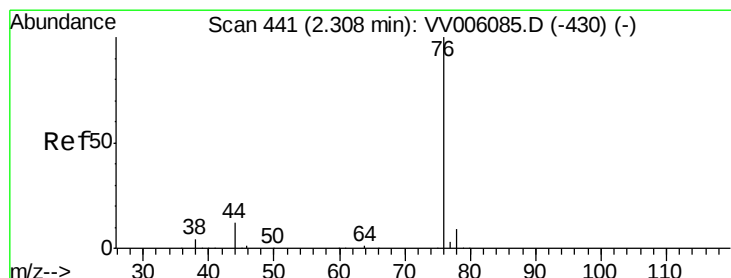
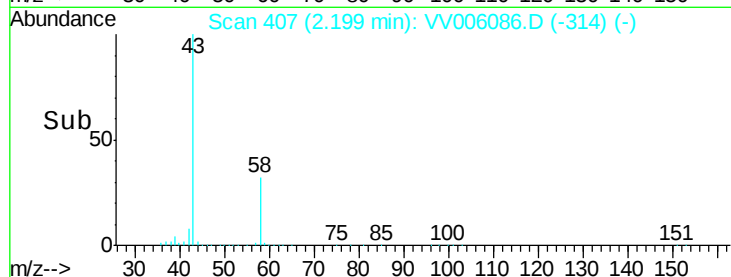
50000

0

2.20

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 96.57 ug/L

RT: 2.31 min Scan# 442

Delta R.T. 0.00 min

Lab File: VV006086.D

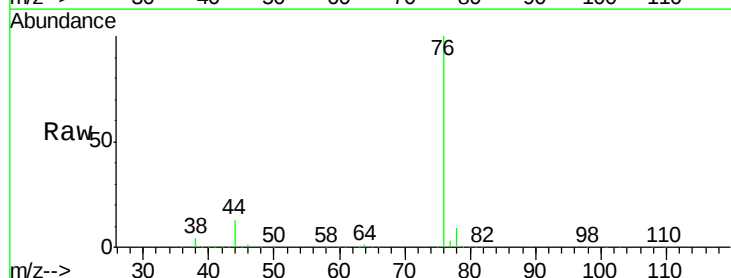
Acq: 27 May 2018 14:45

Tgt Ion: 76 Resp: 474022

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

400000

300000

200000

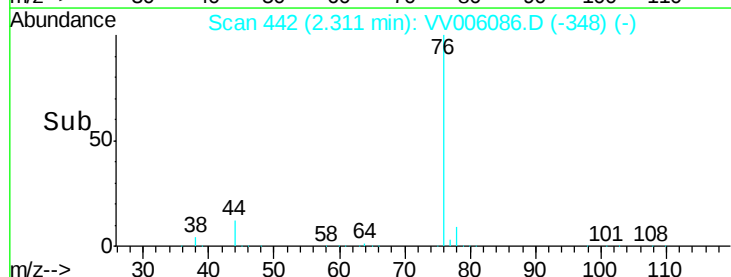
100000

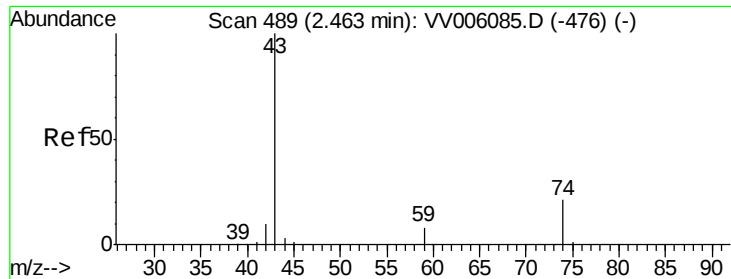
0

2.31

Time-->

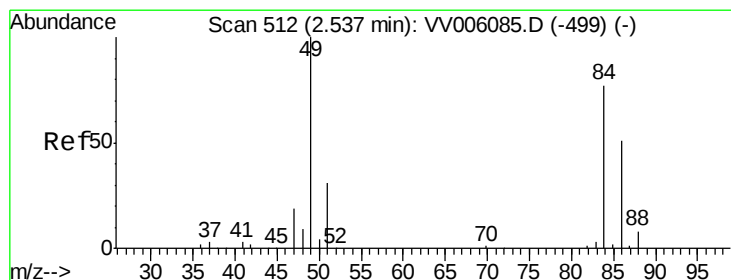
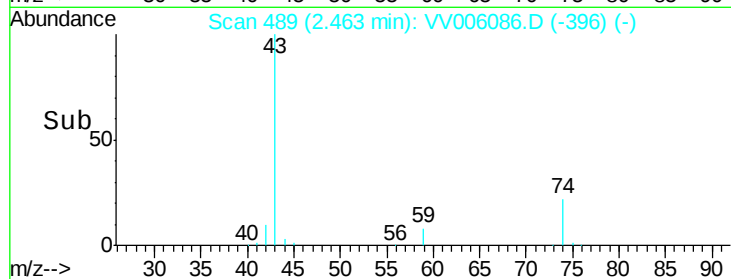
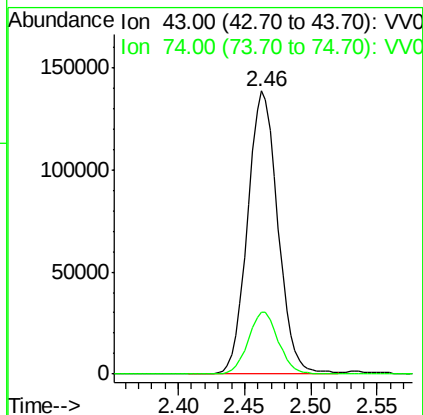
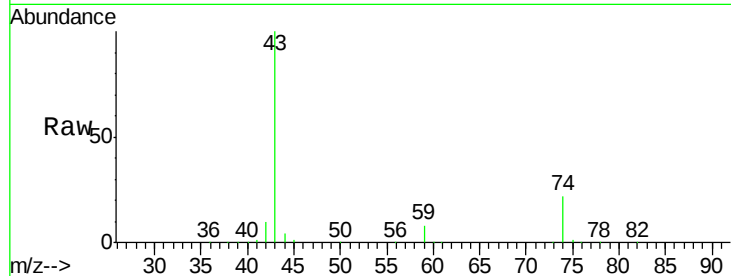
2.25 2.30 2.35 2.40





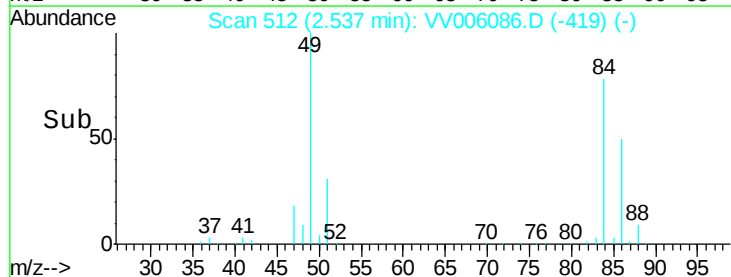
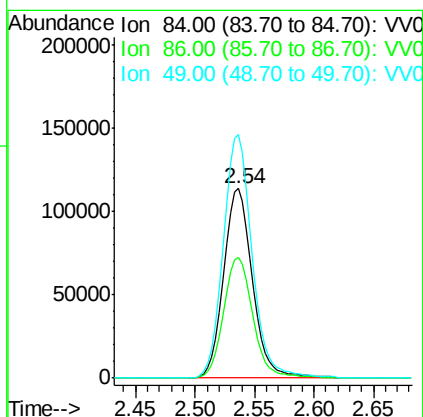
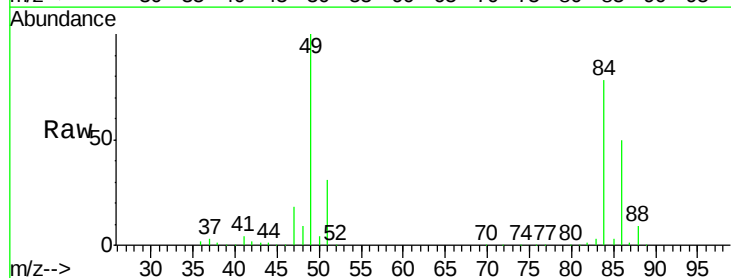
#15
Methyl Acetate
Concen: 94.08 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

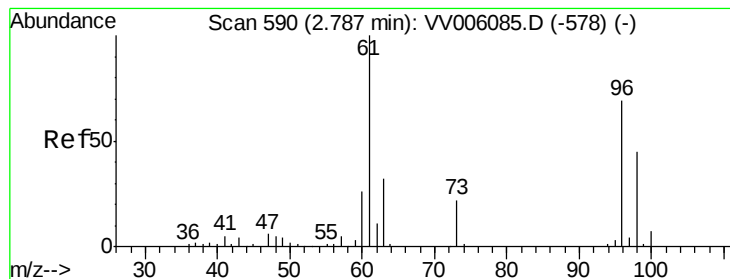
Tgt Ion: 43 Resp: 219340
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4



#16
Methylene chloride
Concen: 96.70 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 84 Resp: 191804
Ion Ratio Lower Upper
84 100
86 63.9 46.3 85.9
49 128.3 90.7 168.5





#17

trans-1,2-Dichloroethene

Concen: 98.31 ug/L

RT: 2.79 min Scan# 590

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

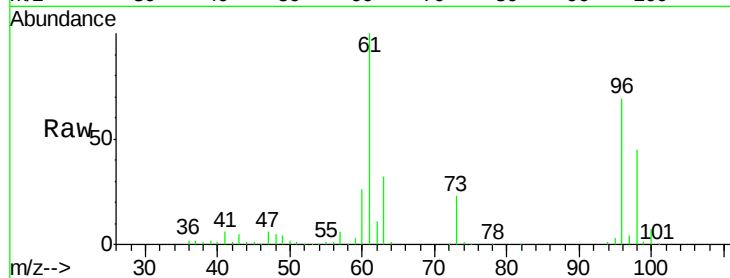
Tgt Ion: 96 Resp: 176124

Ion Ratio Lower Upper

96 100

61 144.3 102.1 189.5

98 65.0 45.4 84.2

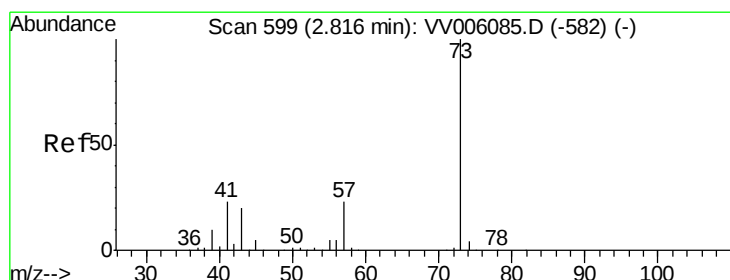
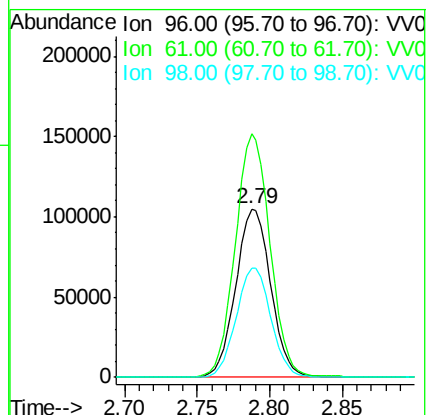
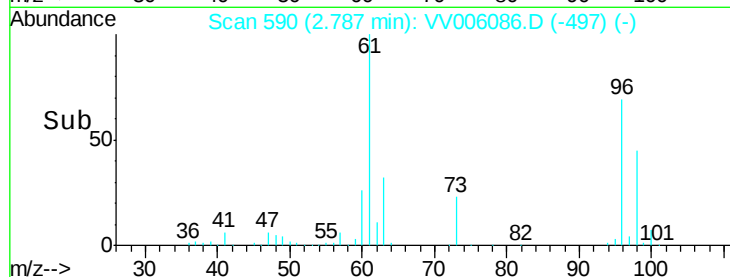


Abundance

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: 98.81 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

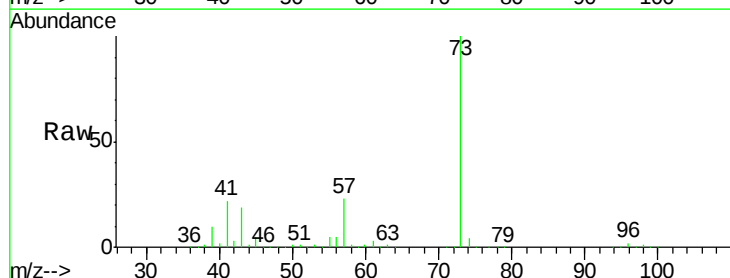
Tgt Ion: 73 Resp: 595591

Ion Ratio Lower Upper

73 100

43 19.1 15.9 23.9

57 22.8 18.2 27.4

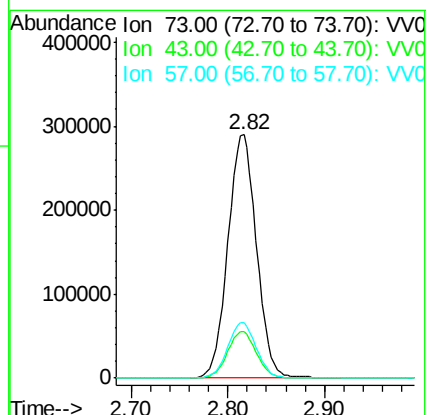
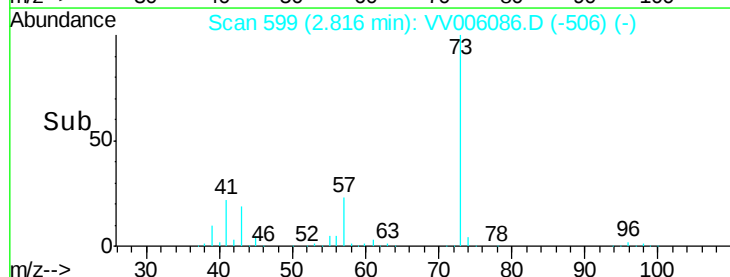


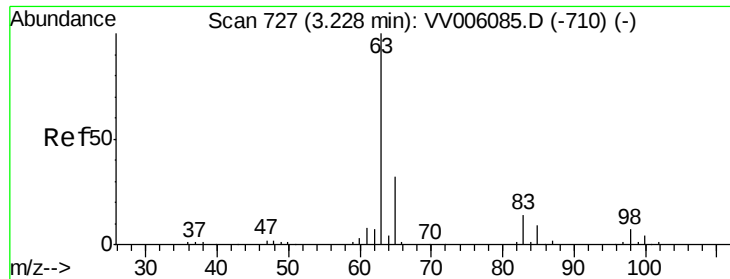
Abundance

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: 94.42 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

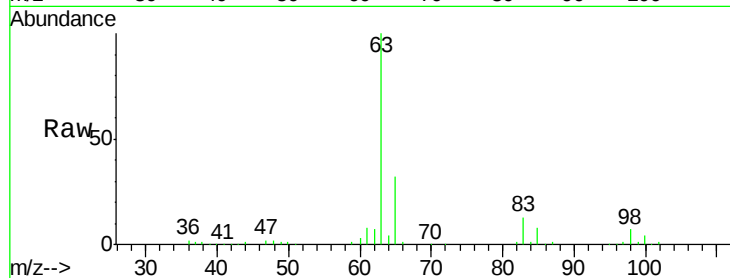
Tgt Ion: 63 Resp: 342835

Ion Ratio Lower Upper

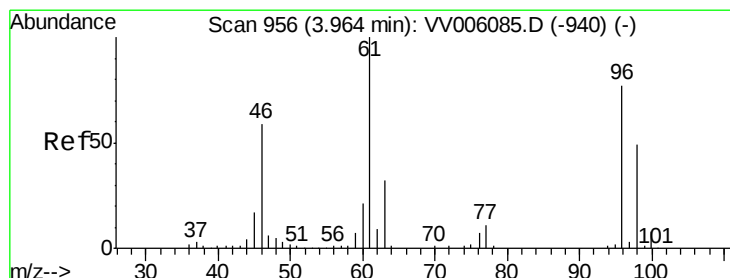
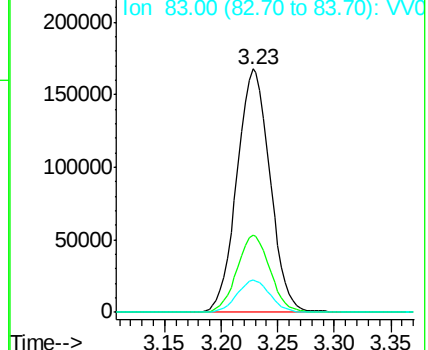
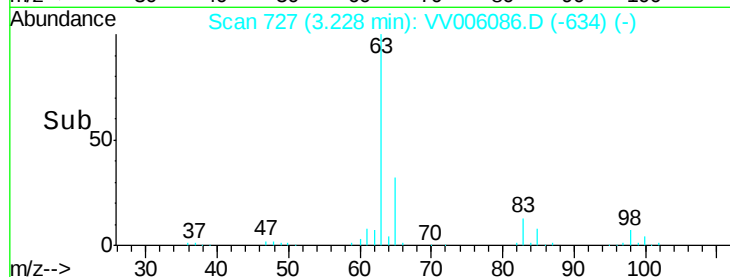
63 100

65 31.8 22.3 41.5

83 13.1 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VV006086.D (-634) (-)



#20

cis-1,2-Dichloroethene

Concen: 93.24 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

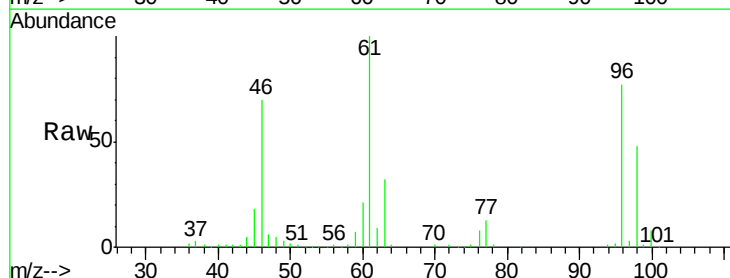
Tgt Ion: 96 Resp: 196995

Ion Ratio Lower Upper

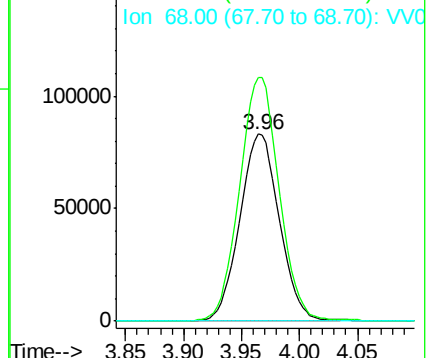
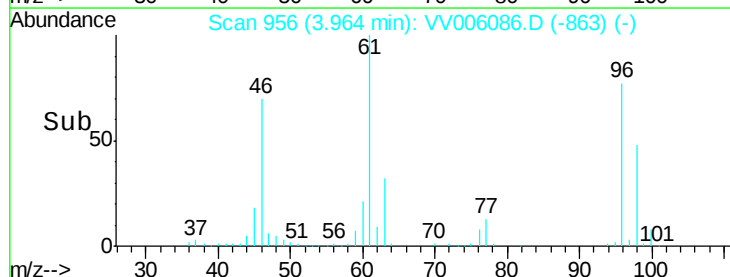
96 100

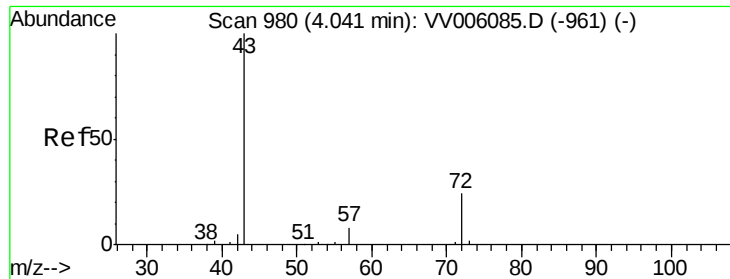
61 130.2 91.7 170.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006086.D (-863) (-)





#22

2-Butanone

Concen: 204.90 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: VV006086.D

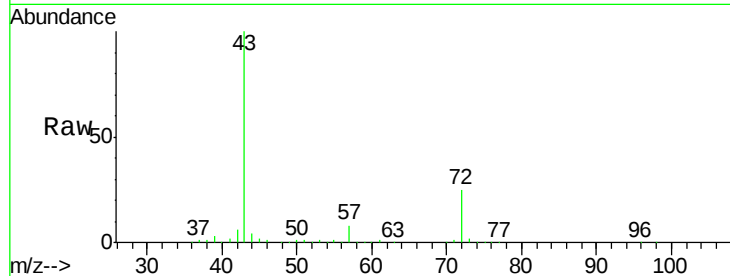
Acq: 27 May 2018 14:45

Tgt Ion: 43 Resp: 329216

Ion Ratio Lower Upper

43 100

72 23.7 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006086.D (-979) (-)

Ion 72.00 (71.70 to 72.70): VV006086.D (-979) (-)

4.04

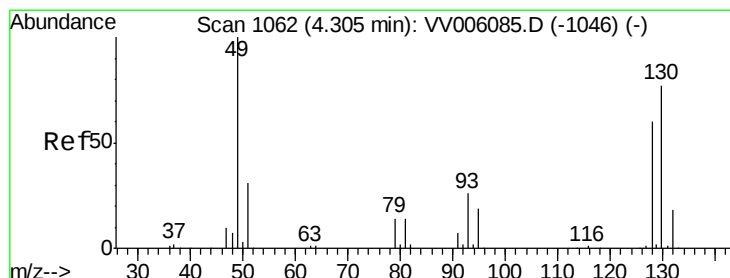
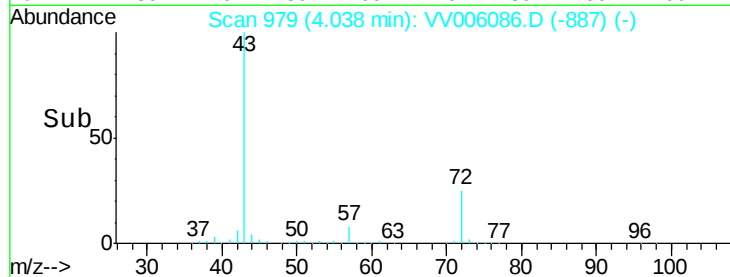
100000

50000

0

Time-->

3.80 4.00 4.20



#23

Bromochloromethane

Concen: 96.54 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

Tgt Ion: 128 Resp: 99693

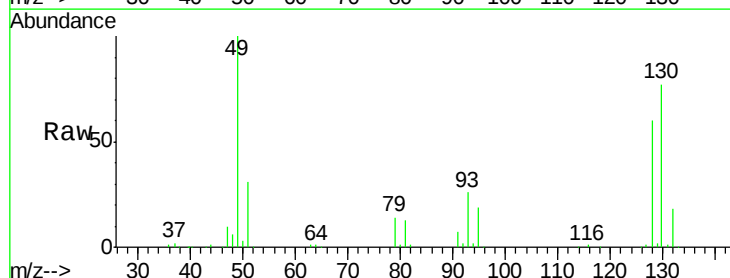
Ion Ratio Lower Upper

128 100

49 167.4 118.1 219.3

130 128.5 90.1 167.3

51 52.1 41.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): VV006086.D (-1062) (-)

Ion 49.00 (48.70 to 49.70): VV006086.D (-1062) (-)

Ion 130.00 (129.70 to 130.70): VV006086.D (-1062) (-)

Ion 51.00 (50.70 to 51.70): VV006086.D (-1062) (-)

4.30

100000

80000

60000

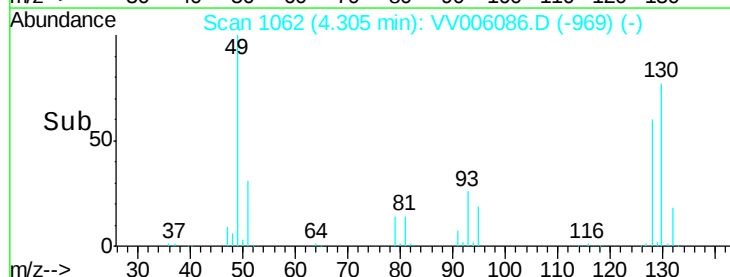
40000

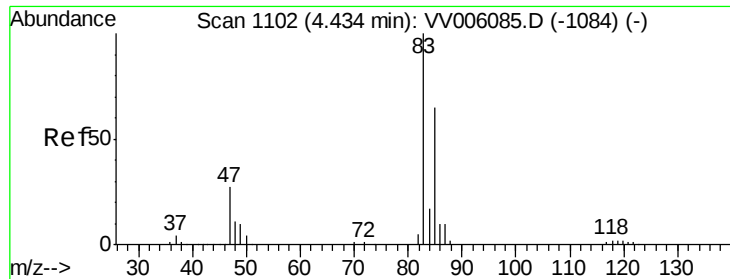
20000

0

Time-->

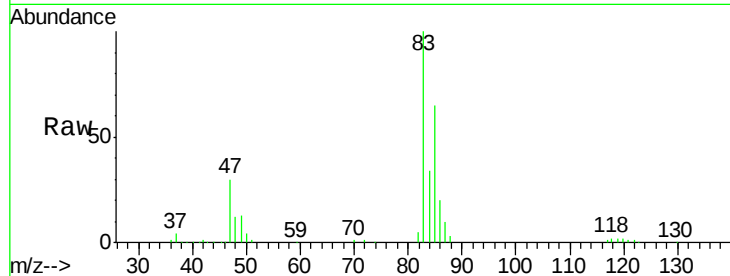
4.20 4.30 4.40



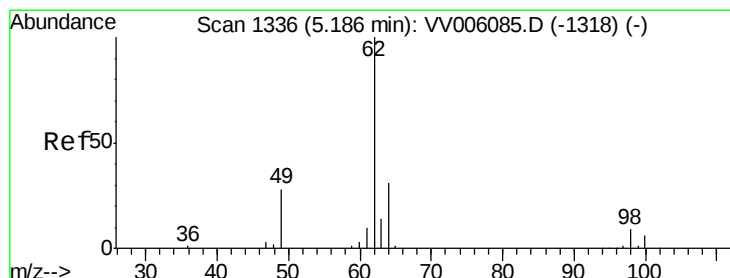
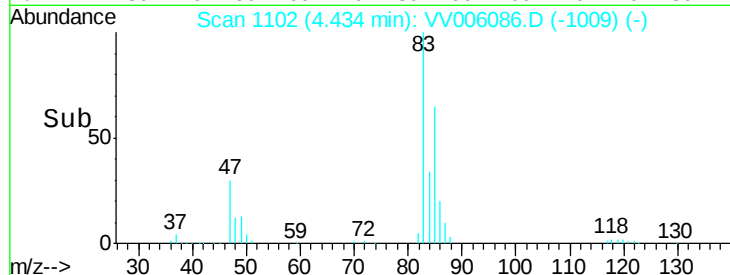
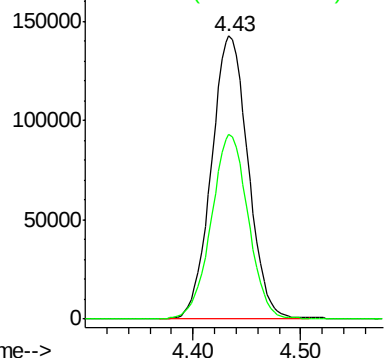


#25
Chloroform
Concen: 89.49 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 83 Resp: 337433
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8

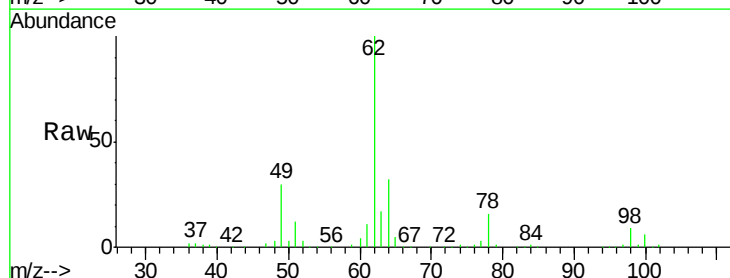


Abundance Ion 83.00 (82.70 to 83.70): VV006086.D (-1009) (-)
Ion 85.00 (84.70 to 85.70): VV006086.D (-1009) (-)

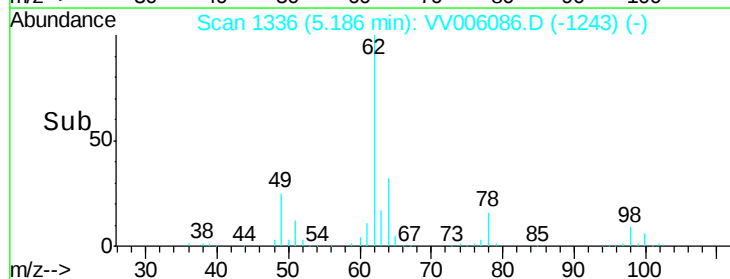
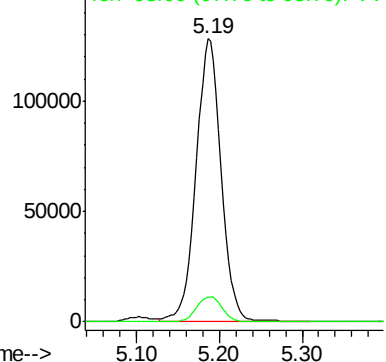


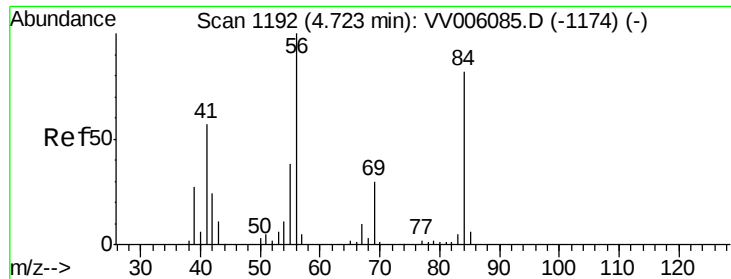
#27
1,2-Dichloroethane
Concen: 88.01 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 62 Resp: 268567
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0



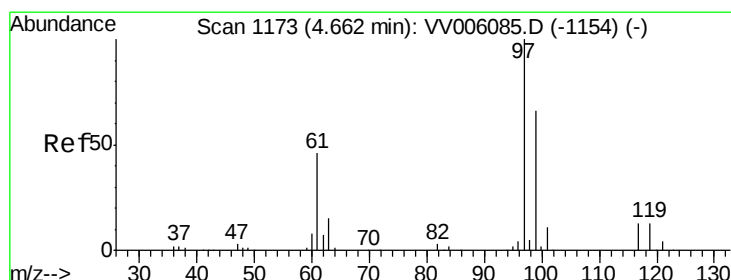
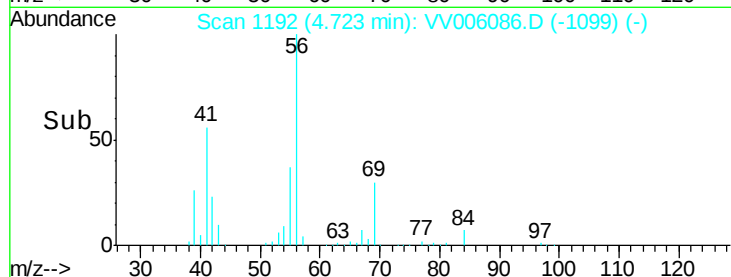
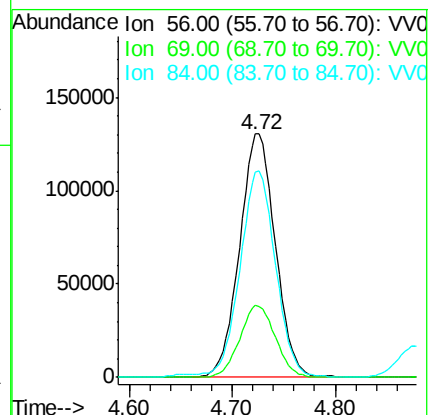
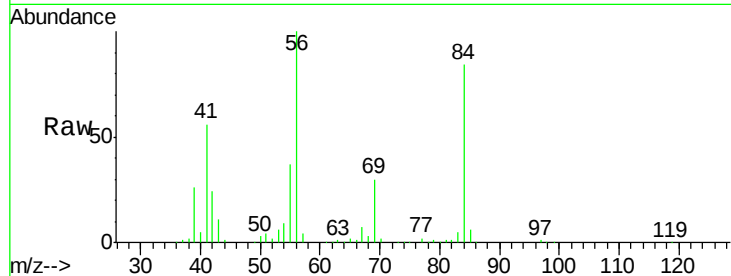
Abundance Ion 62.00 (61.70 to 62.70): VV006086.D (-1243) (-)
Ion 98.00 (97.70 to 98.70): VV006086.D (-1243) (-)





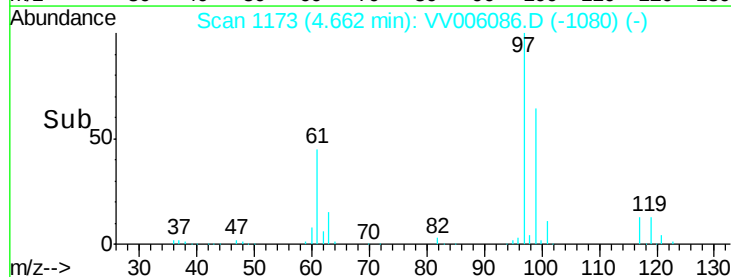
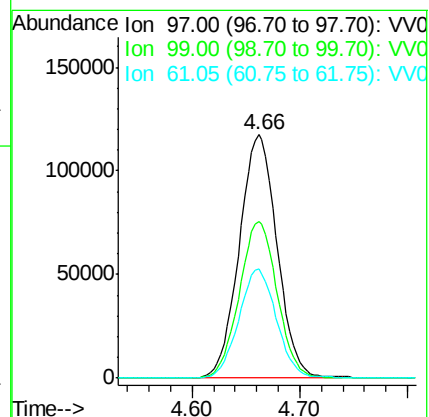
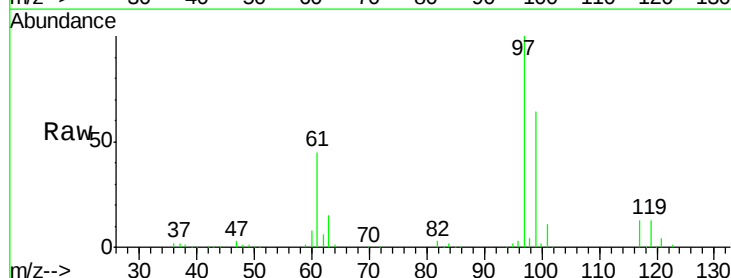
#29
Cyclohexane
Concen: 100.74 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

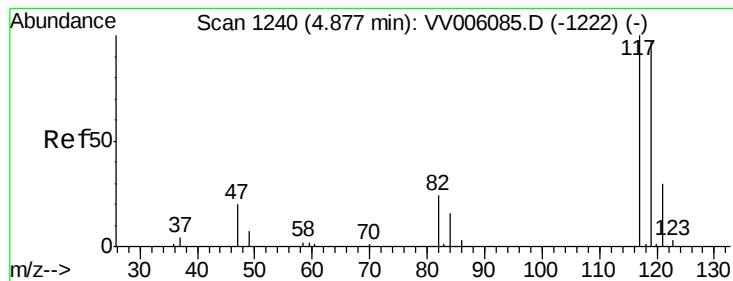
Tgt Ion: 56 Resp: 314198
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.6
84 83.9 67.1 100.7



#30
1,1,1-Trichloroethane
Concen: 87.92 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 97 Resp: 286108
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 44.8 37.0 55.6





#31

Carbon tetrachloride

Concen: 89.40 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006086.D

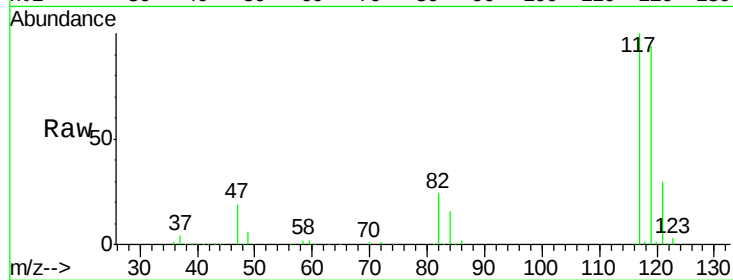
Acq: 27 May 2018 14:45

Tgt Ion: 117 Resp: 251274

Ion Ratio Lower Upper

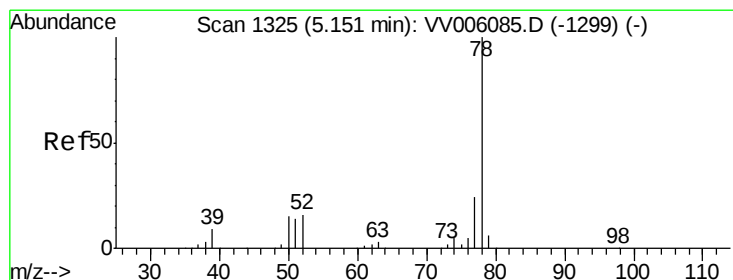
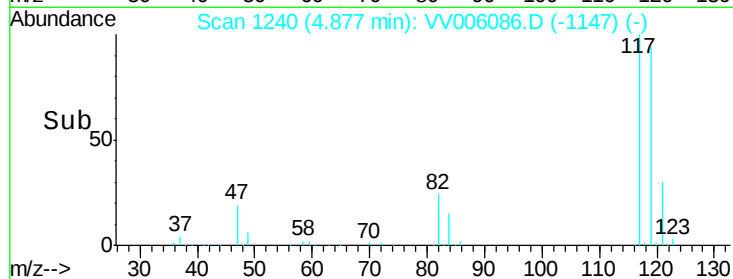
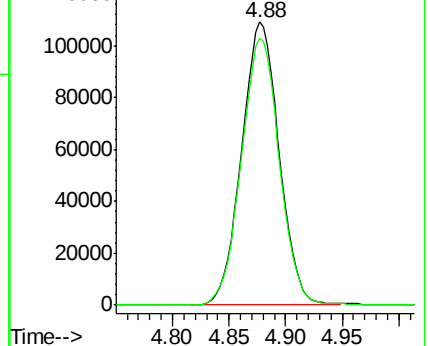
117 100

119 95.7 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 95.92 ug/L

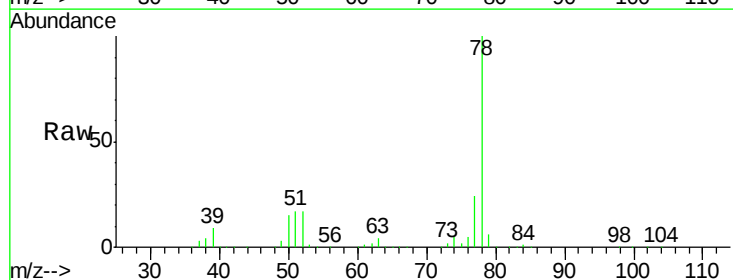
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

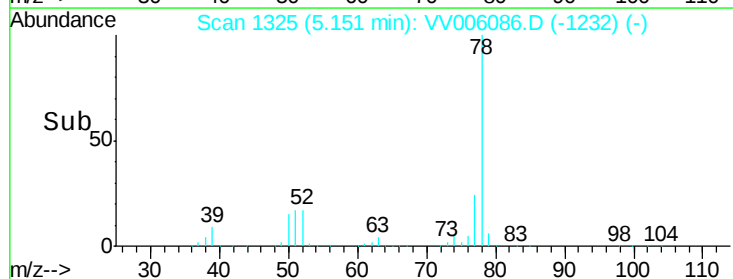
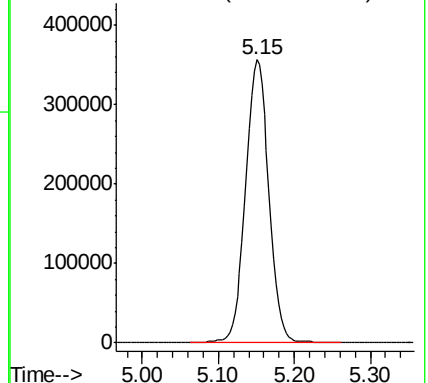
Lab File: VV006086.D

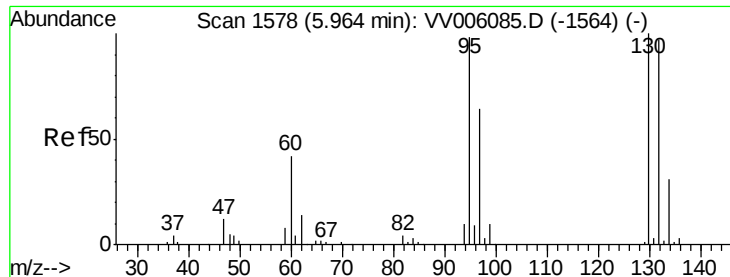
Acq: 27 May 2018 14:45

Tgt Ion: 78 Resp: 761027



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 92.31 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

Tgt Ion: 95 Resp: 187345

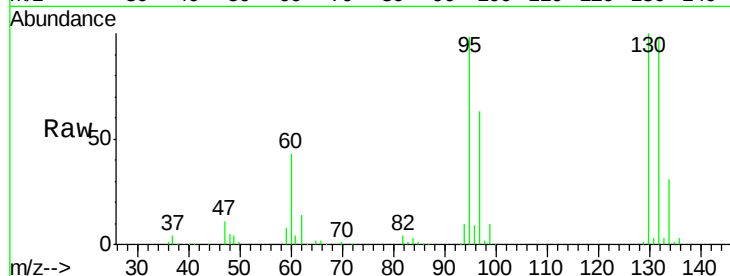
Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.4

132 99.7 69.0 128.2

130 101.8 71.2 132.2

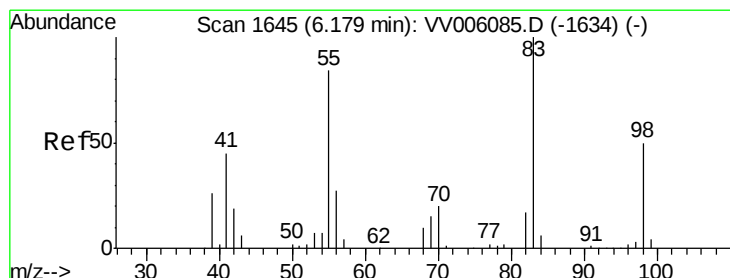
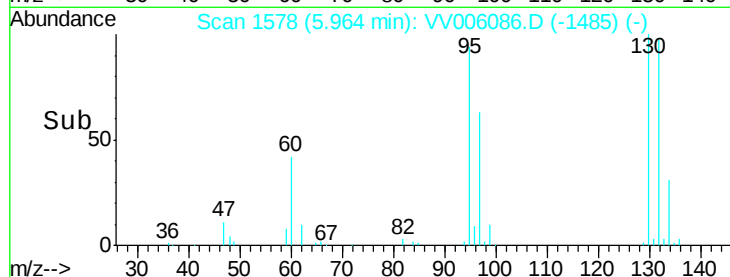
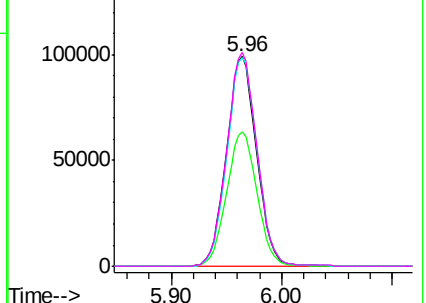


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 104.02 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

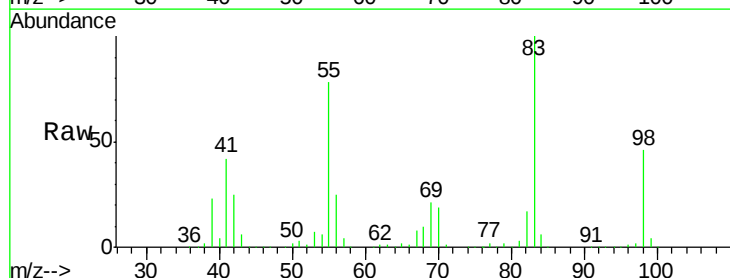
Tgt Ion: 83 Resp: 332569

Ion Ratio Lower Upper

83 100

55 77.7 62.8 94.2

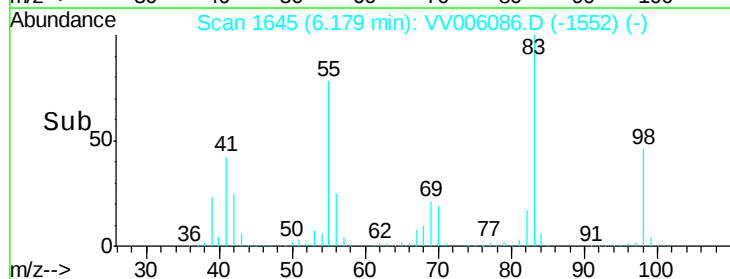
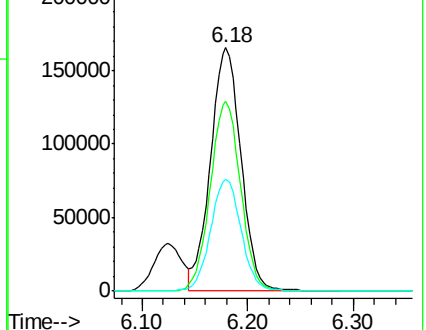
98 46.4 37.5 56.3

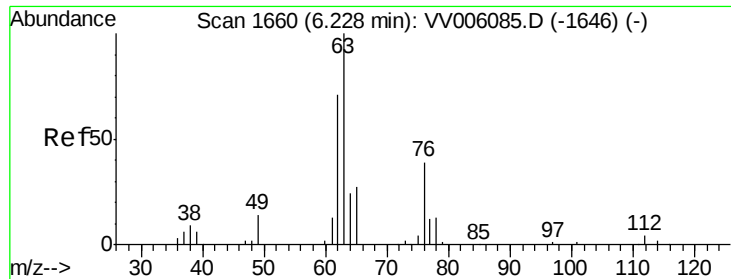


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

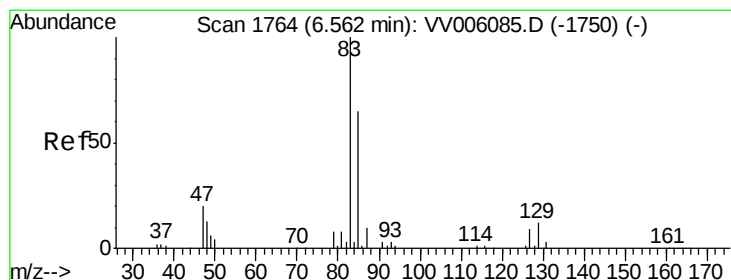
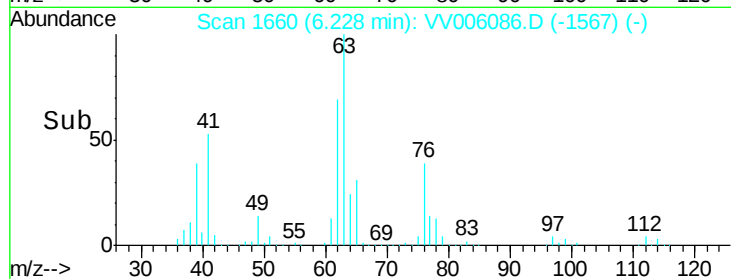
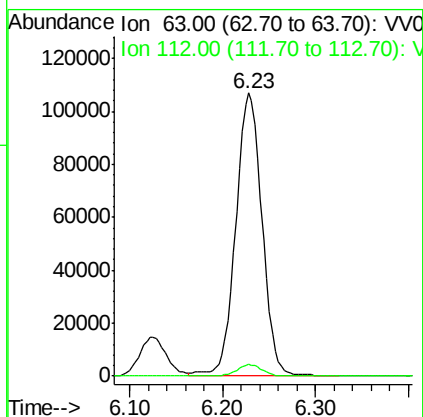
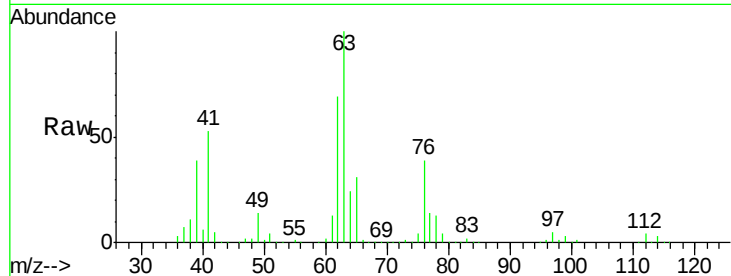
Ion 98.00 (97.70 to 98.70): VV0





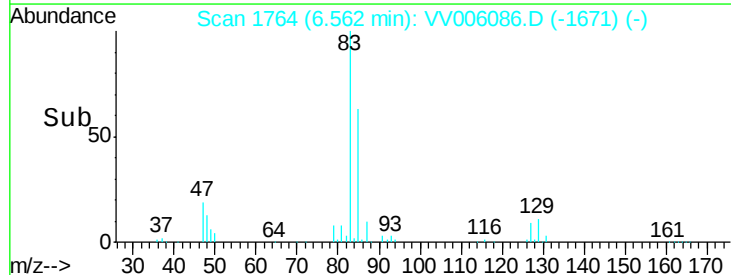
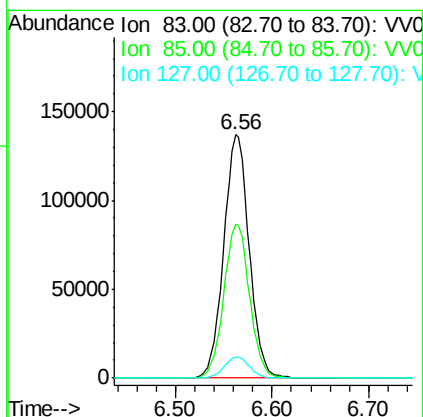
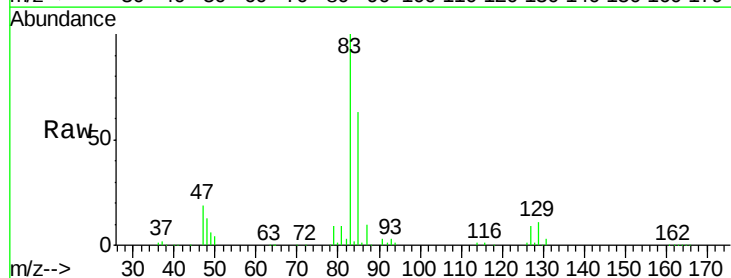
#37
 1,2-Dichloropropane
 Concen: 98.08 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

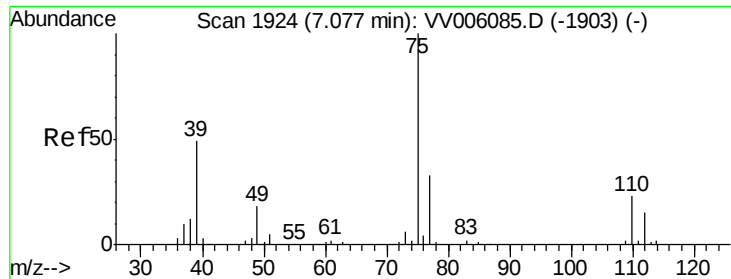
Tgt Ion: 63 Resp: 209633
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.2 4.8



#38
 Bromodichloromethane
 Concen: 92.15 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

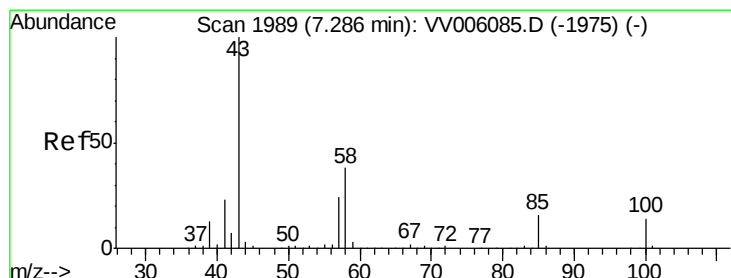
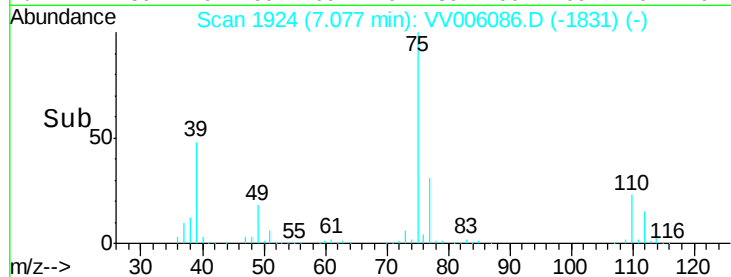
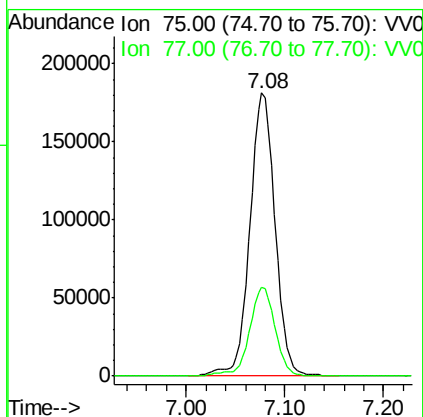
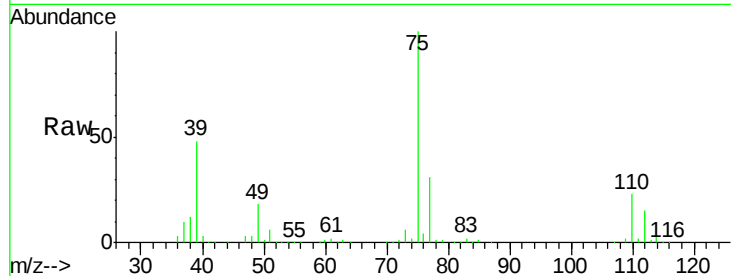
Tgt Ion: 83 Resp: 249700
 Ion Ratio Lower Upper
 83 100
 85 63.0 45.6 84.6
 127 8.5 6.9 10.3





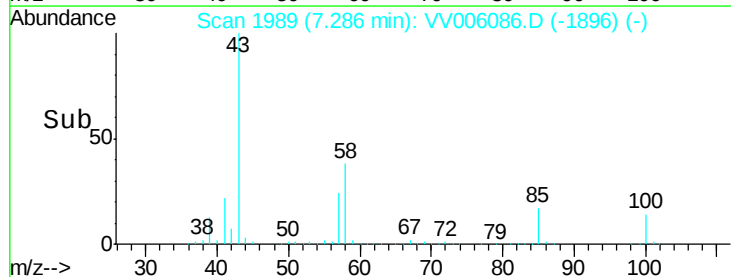
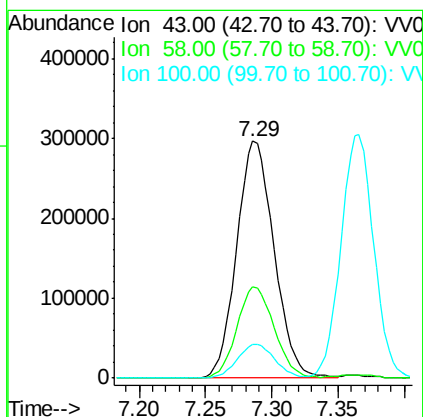
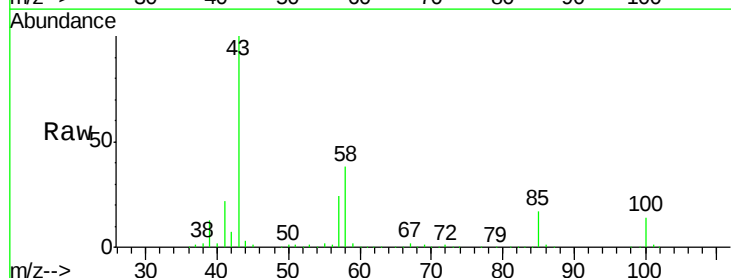
#39
 cis-1,3-Dichloropropene
 Concen: 102.82 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

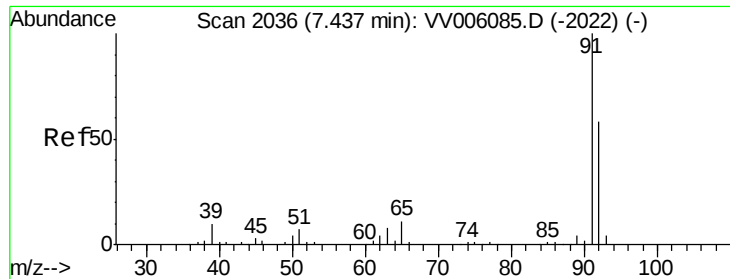
Tgt Ion: 75 Resp: 319936
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 205.87 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

Tgt Ion: 43 Resp: 582445
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.3 45.5
 100 14.2 11.2 16.8





#42

Toluene

Concen: 98.77 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006086.D

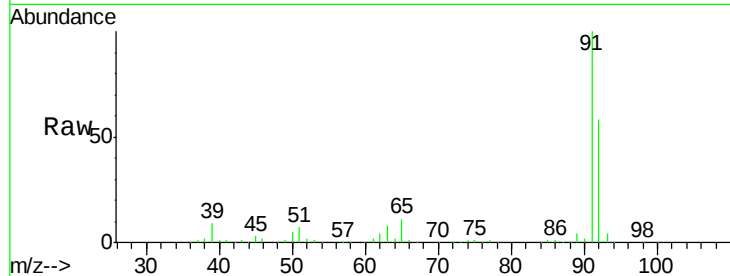
Acq: 27 May 2018 14:45

Tgt Ion: 91 Resp: 812952

Ion Ratio Lower Upper

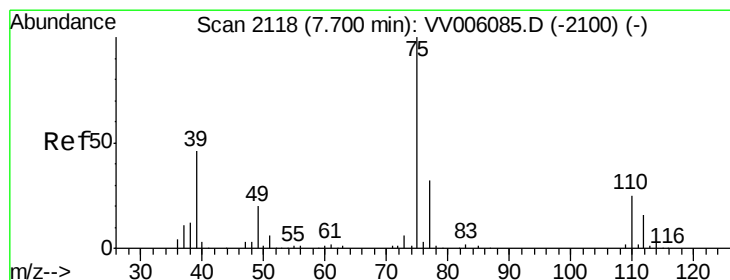
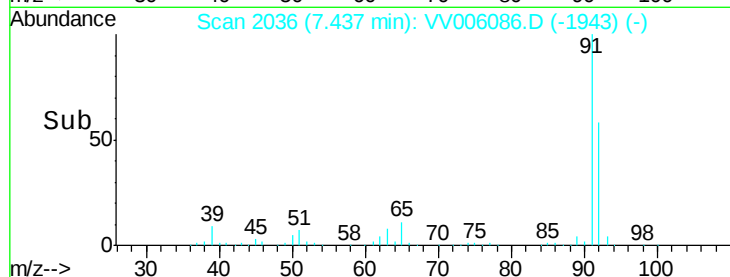
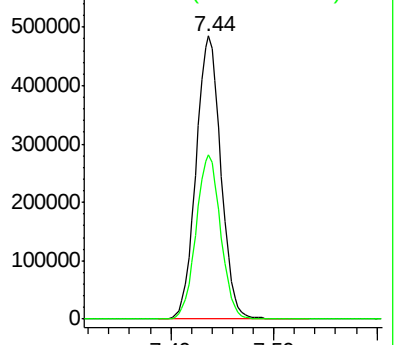
91 100

92 58.1 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 101.36 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006086.D

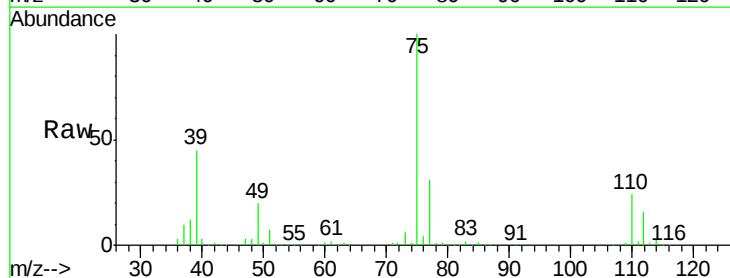
Acq: 27 May 2018 14:45

Tgt Ion: 75 Resp: 295757

Ion Ratio Lower Upper

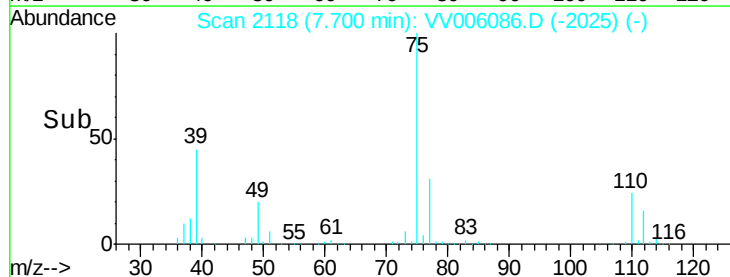
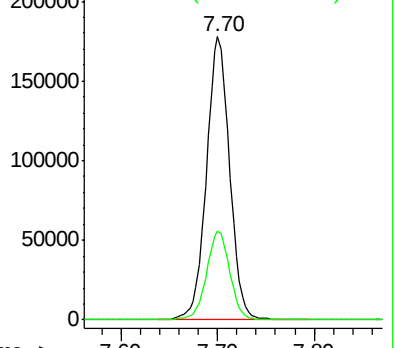
75 100

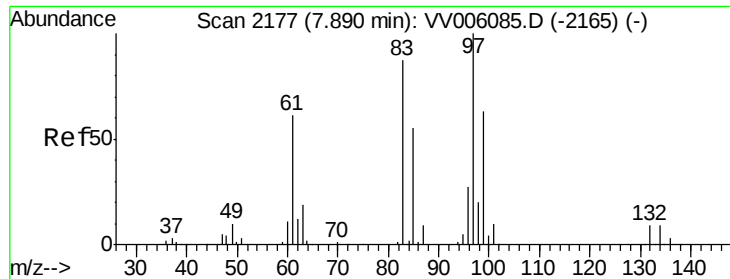
77 31.3 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

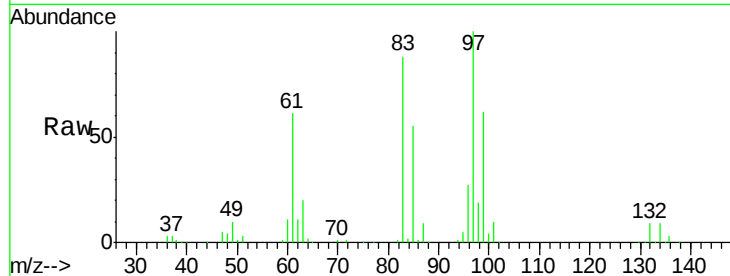
Ion 77.00 (76.70 to 77.70): VV0



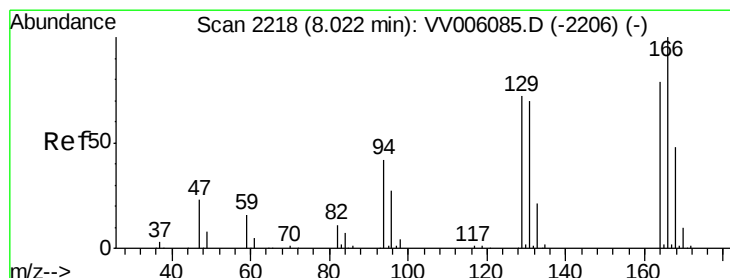
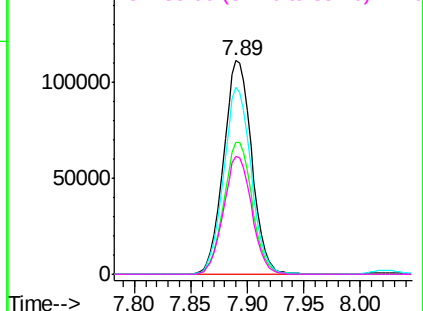
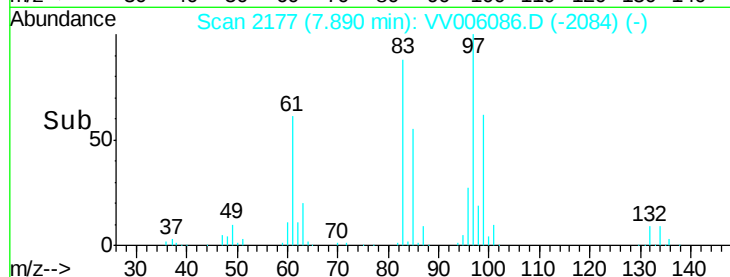


#45
 1,1,2-Trichloroethane
 Concen: 95.60 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

Tgt Ion:	97	Resp:	192934
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.0	81.6
83	87.5	61.0	113.4
85	55.4	38.6	71.6

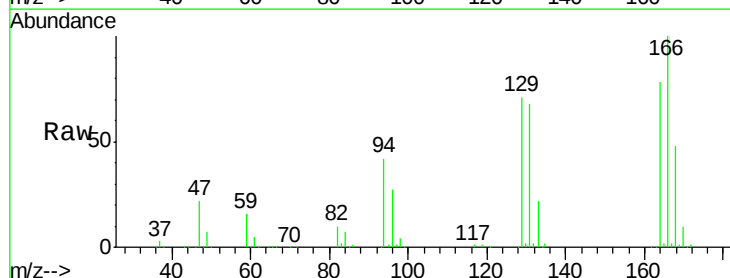


Abundance Ion 97.00 (96.70 to 97.70): VV006086.D (-2084) (-)

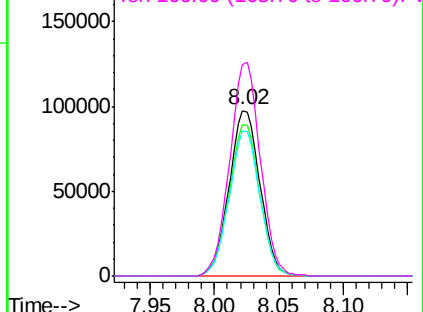
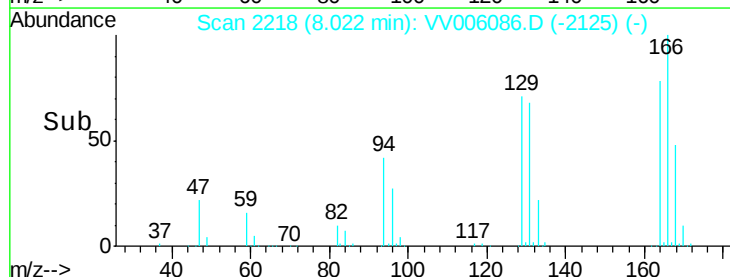


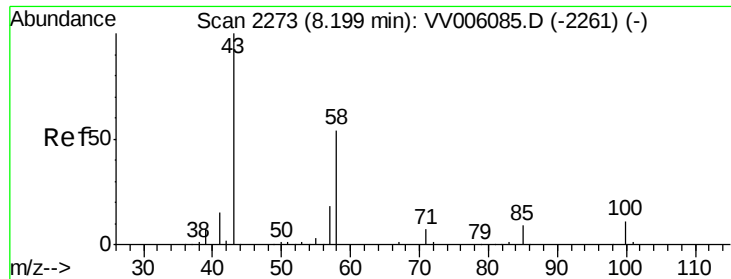
#46
 Tetrachloroethene
 Concen: 103.48 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

Tgt Ion:	164	Resp:	162190
Ion	Ratio	Lower	Upper
164	100		
129	91.4	63.9	118.7
131	87.4	61.6	114.4
166	128.1	88.3	164.1



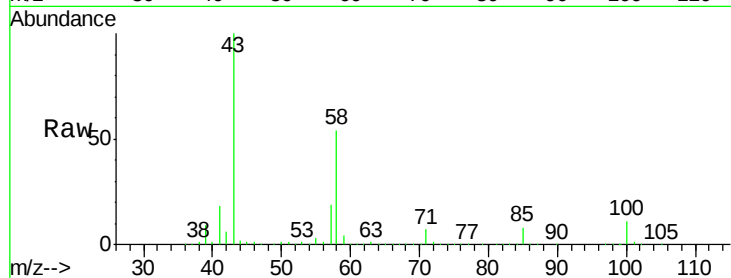
Abundance Ion 164.00 (163.70 to 164.70): VV006086.D (-2125) (-)



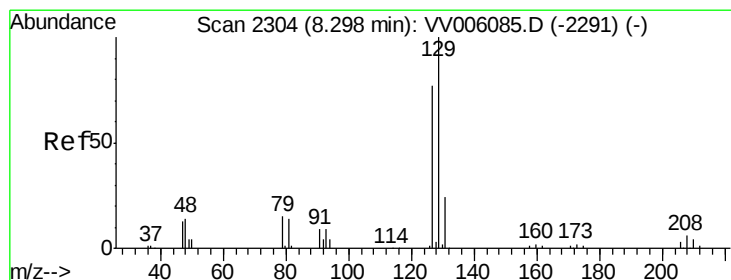
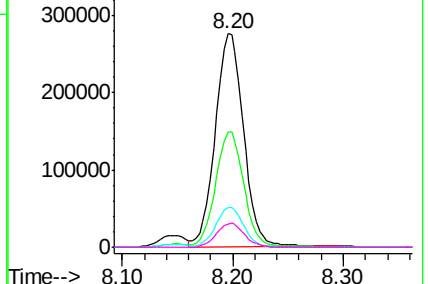
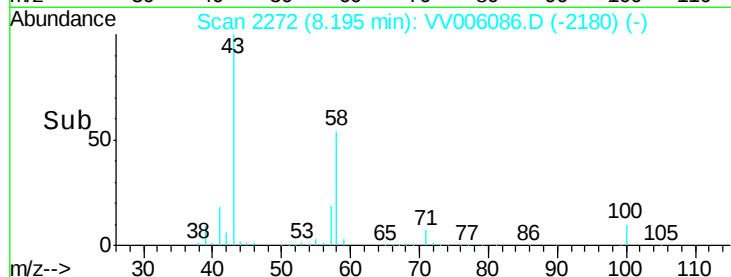


#48
2-Hexanone
Concen: 221.64 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 43 Resp: 490209
Ion Ratio Lower Upper
43 100
58 54.0 42.2 63.4
57 18.4 14.5 21.7
100 11.3 8.7 13.1

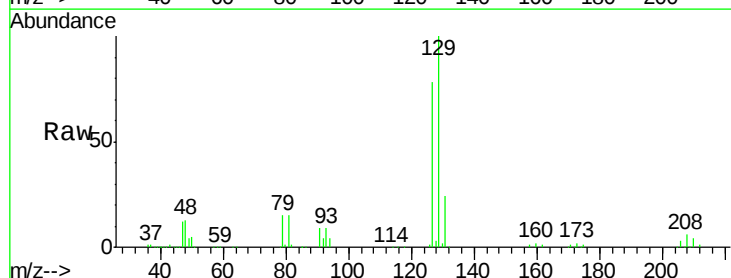


Abundance Ion 43.00 (42.70 to 43.70): VV006086.D (-2180) (-)
Ion 58.00 (57.70 to 58.70): VV006086.D (-2180) (-)
Ion 57.00 (56.70 to 57.70): VV006086.D (-2180) (-)
Ion 100.00 (99.70 to 100.70): VV006086.D (-2180) (-)

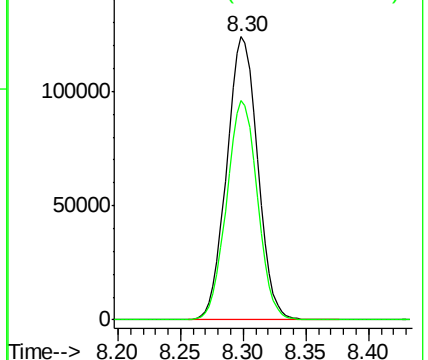
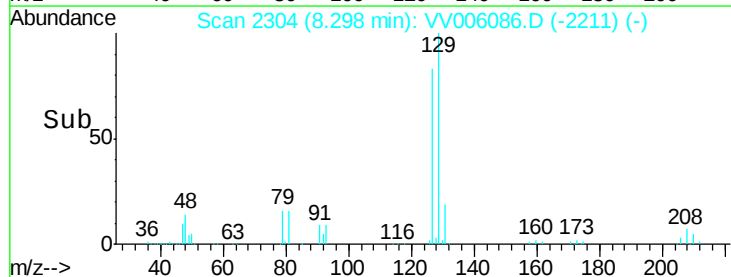


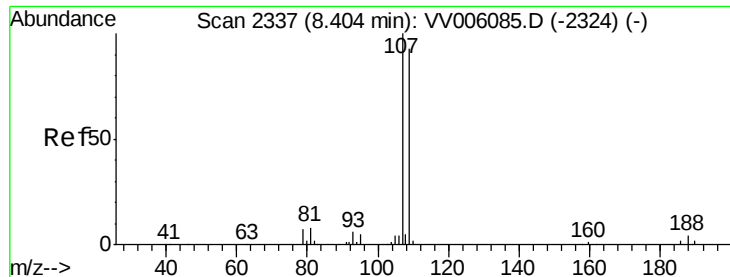
#49
Dibromochloromethane
Concen: 99.92 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion: 129 Resp: 212685
Ion Ratio Lower Upper
129 100
127 77.7 54.1 100.5



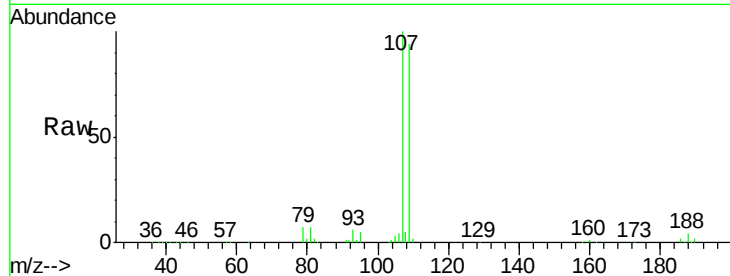
Abundance Ion 129.00 (128.70 to 129.70): VV006086.D (-2211) (-)
Ion 127.00 (126.70 to 127.70): VV006086.D (-2211) (-)



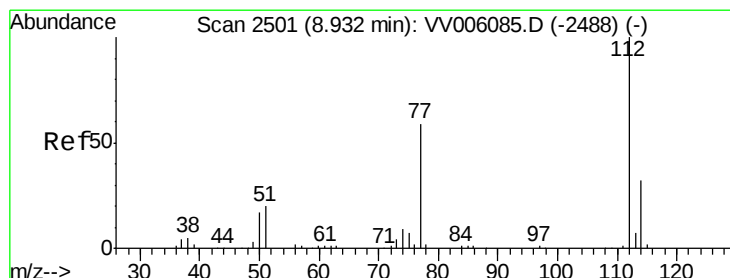
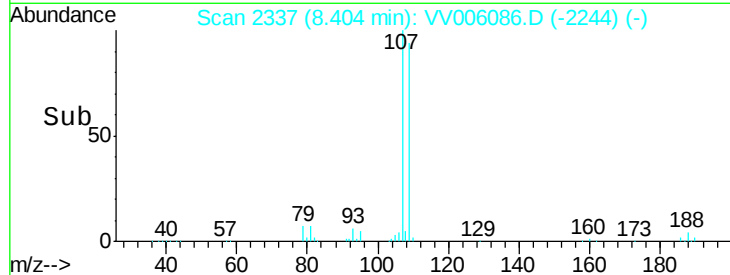
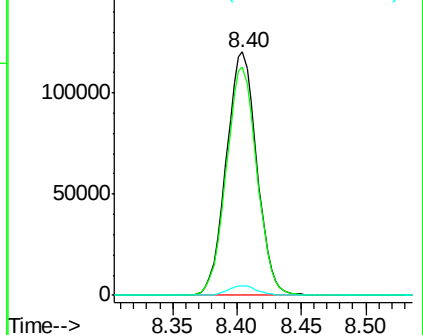


#50
1,2-Dibromoethane
Concen: 95.34 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	64.8	120.4
188	4.1	3.1	4.7

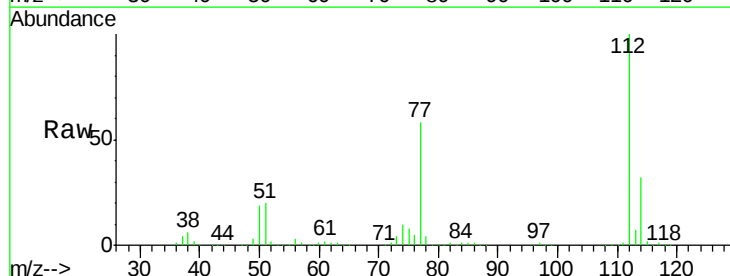


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

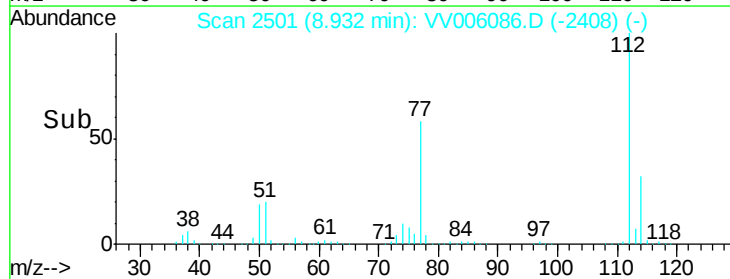
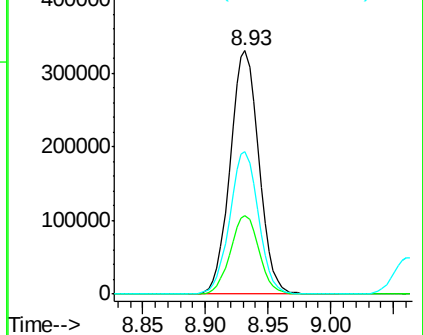


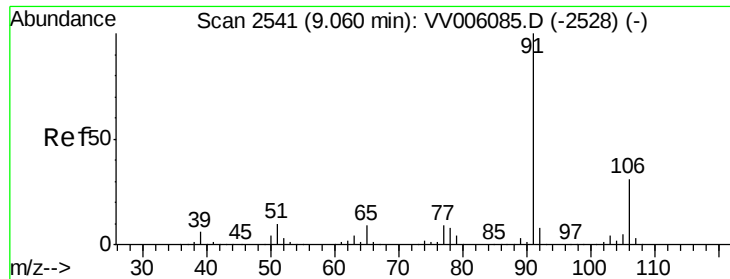
#51
Chlorobenzene
Concen: 95.54 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.6	42.0
77	58.3	47.2	70.8



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: 100.01 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006086.D

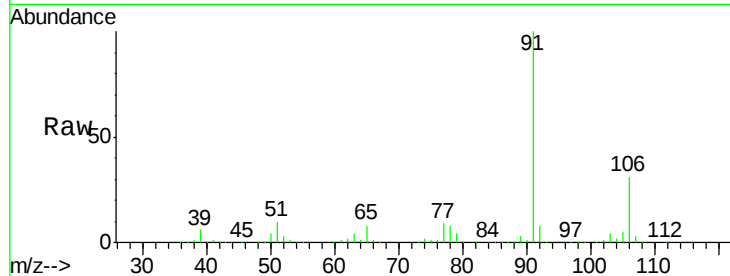
Acq: 27 May 2018 14:45

Tgt Ion: 91 Resp: 903273

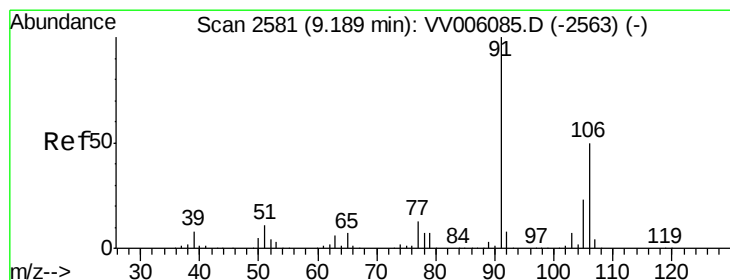
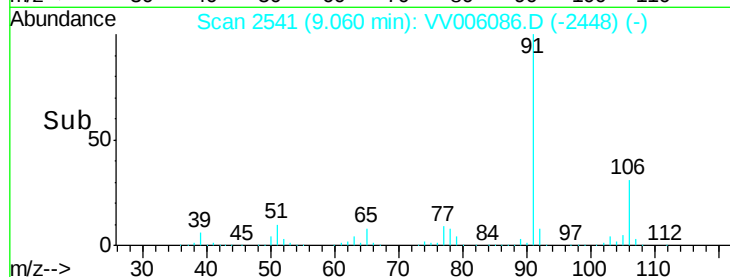
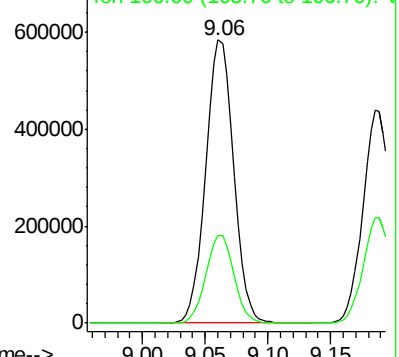
Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV006086.D (-2448) (-)



#53

m,p-Xylene

Concen: 102.74 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006086.D

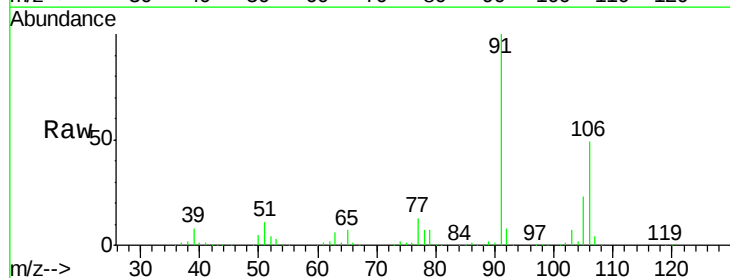
Acq: 27 May 2018 14:45

Tgt Ion: 106 Resp: 344623

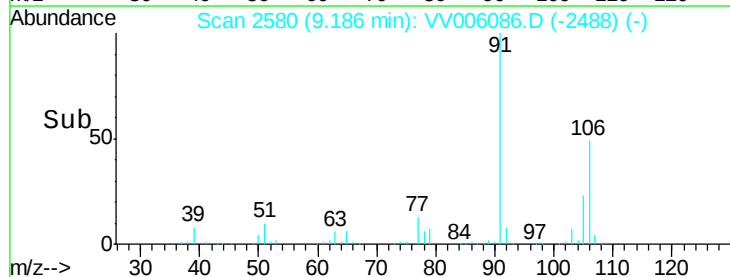
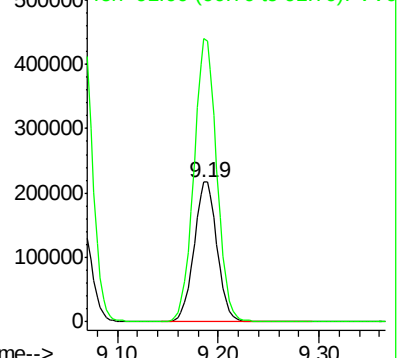
Ion Ratio Lower Upper

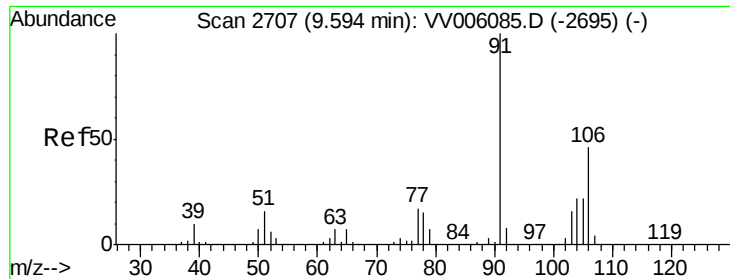
106 100

91 202.3 141.5 262.7



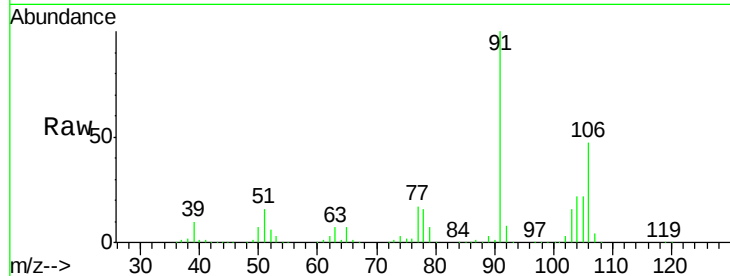
Abundance Ion 106.00 (105.70 to 106.70): VV006086.D (-2488) (-)



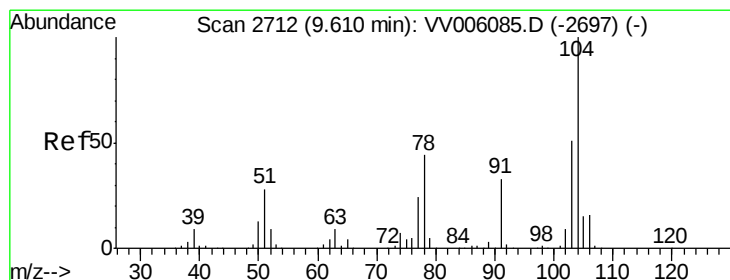
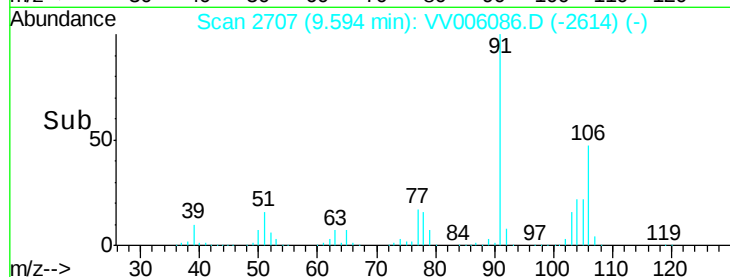
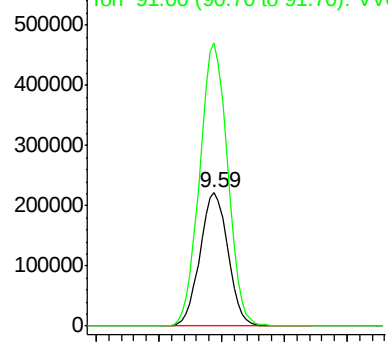


#54
o-xylene
Concen: 104.27 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion:106 Resp: 344242
Ion Ratio Lower Upper
106 100
91 212.1 151.0 280.4

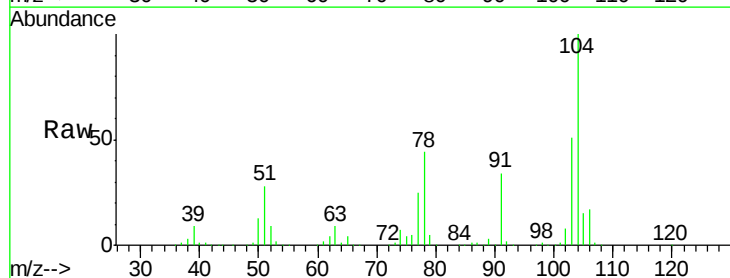


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

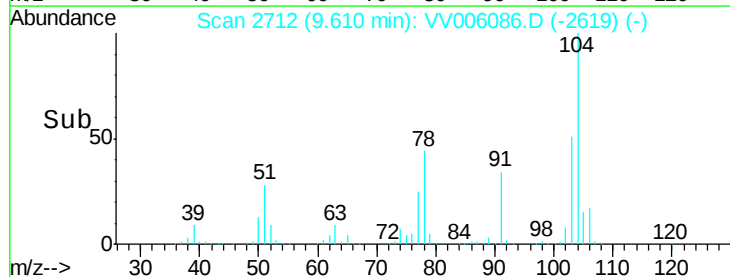
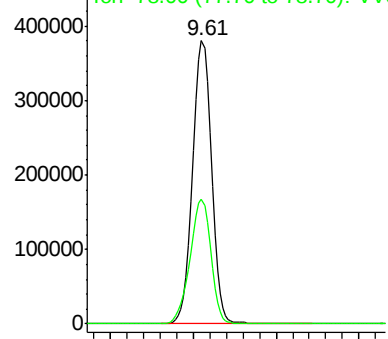


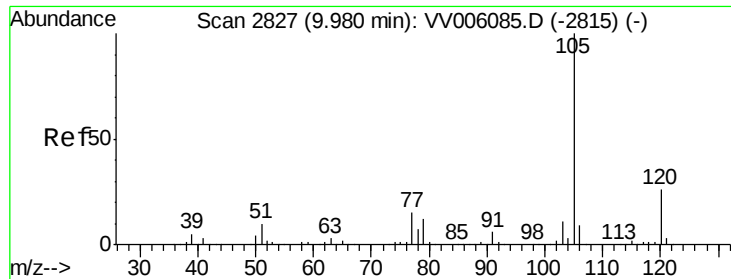
#55
Styrene
Concen: 106.05 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion:104 Resp: 600601
Ion Ratio Lower Upper
104 100
78 44.2 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 103.22 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

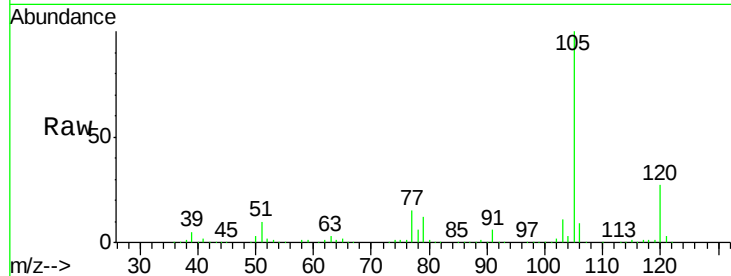
Tgt Ion: 105 Resp: 909766

Ion Ratio Lower Upper

105 100

120 26.6 21.2 31.8

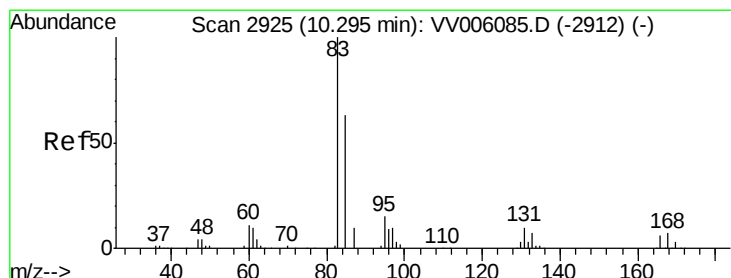
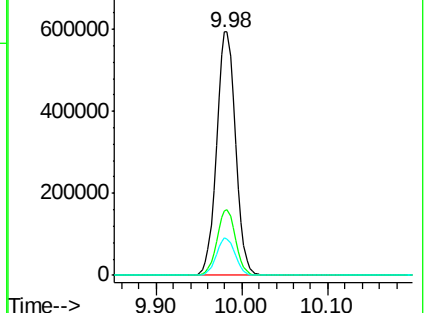
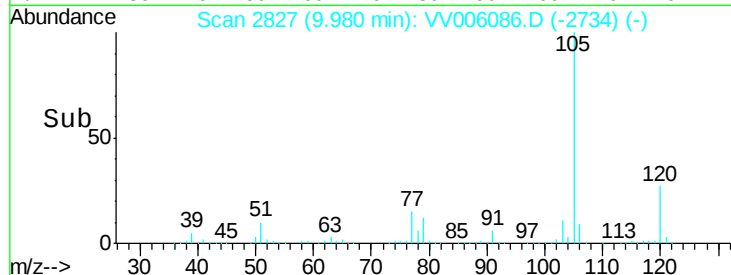
77 15.2 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006086.D (-2734) (-)

Ion 120.00 (119.70 to 120.70): VV006086.D (-2734) (-)

Ion 77.00 (76.70 to 77.70): VV006086.D (-2734) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 103.62 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

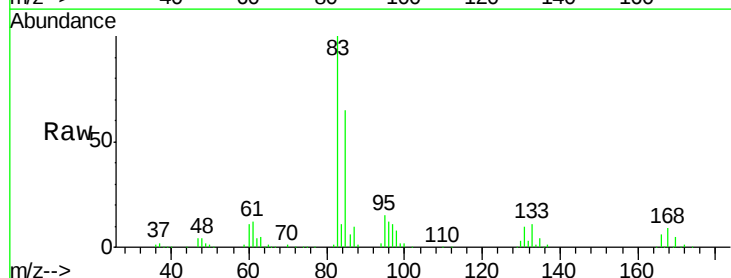
Tgt Ion: 83 Resp: 349150

Ion Ratio Lower Upper

83 100

85 64.6 44.6 82.8

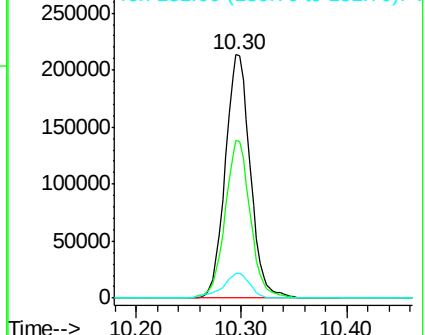
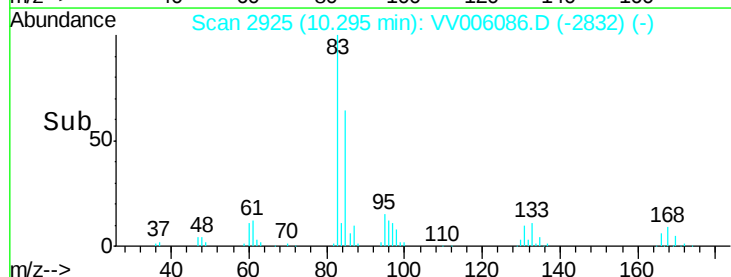
131 10.1 7.9 11.9

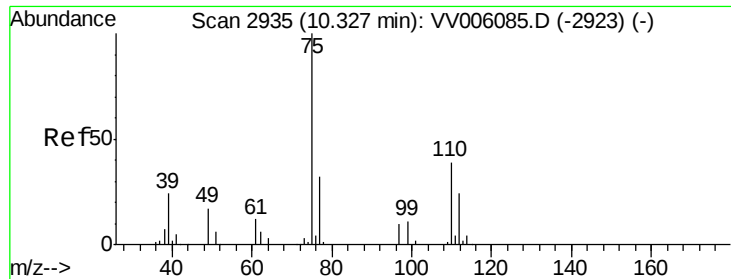


Abundance Ion 83.00 (82.70 to 83.70): VV006086.D (-2832) (-)

Ion 85.00 (84.70 to 85.70): VV006086.D (-2832) (-)

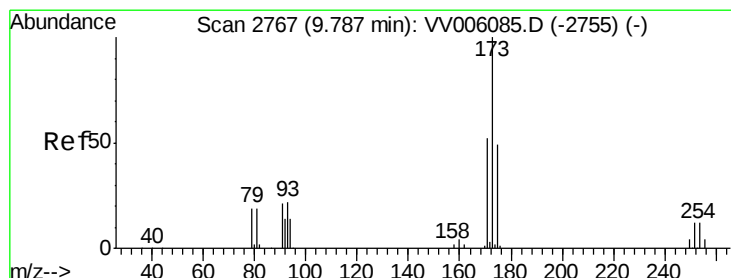
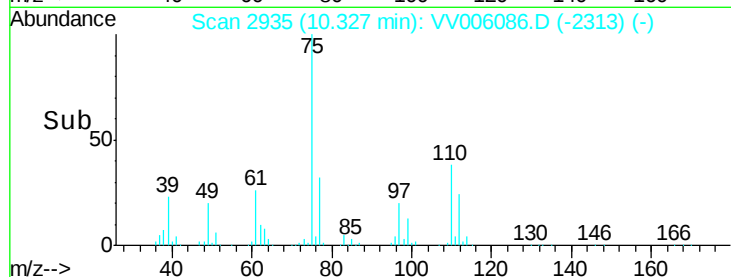
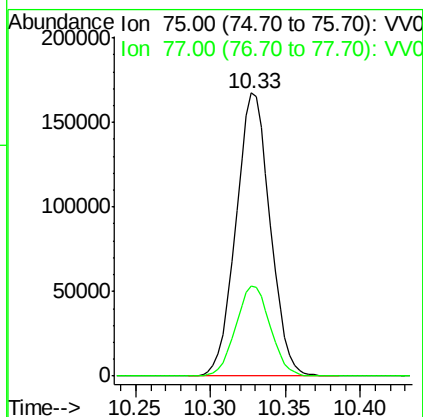
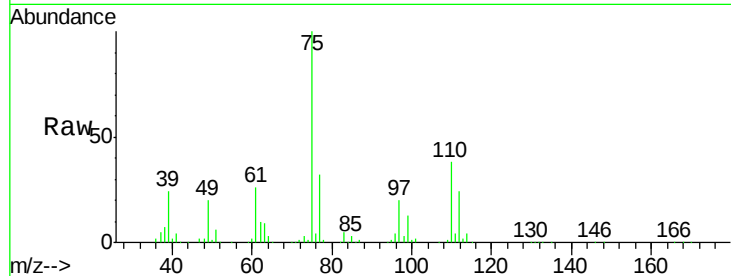
Ion 131.00 (130.70 to 131.70): VV006086.D (-2832) (-)





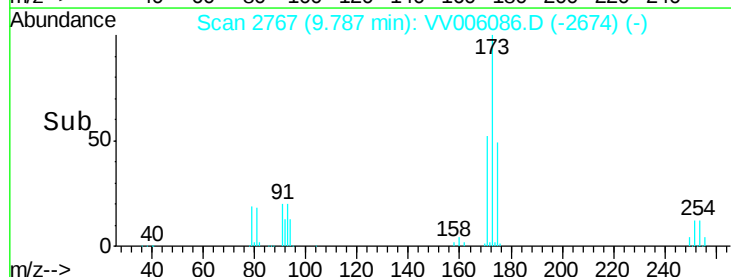
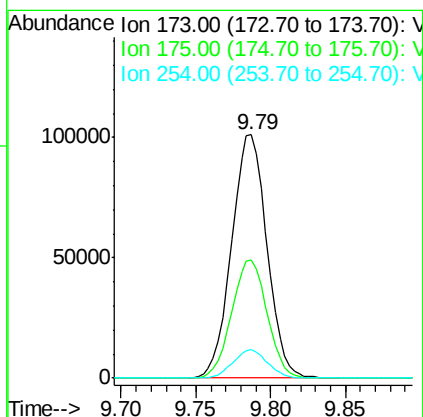
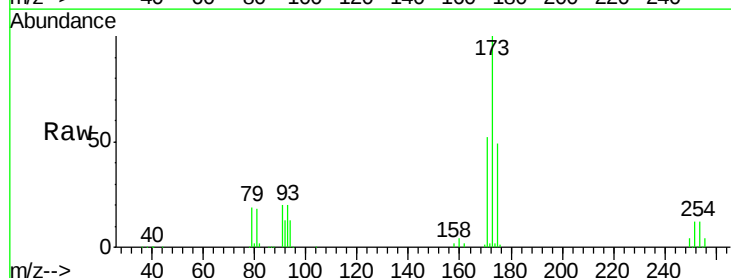
#59
 1,2,3-Trichloropropane
 Concen: 97.76 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

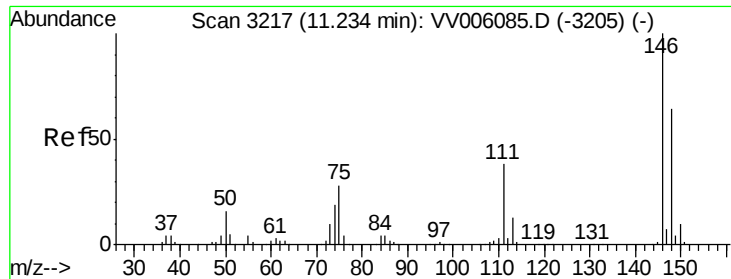
Tgt Ion: 75 Resp: 265979
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8



#61
 Bromoform
 Concen: 95.94 ug/L
 RT: 9.79 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

Tgt Ion: 173 Resp: 166248
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.6 57.8
 254 11.5 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 93.89 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

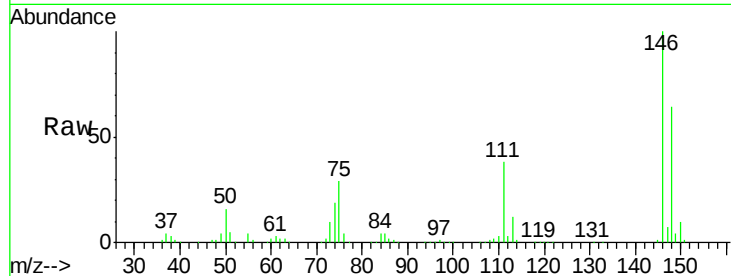
Tgt Ion:146 Resp: 449082

Ion Ratio Lower Upper

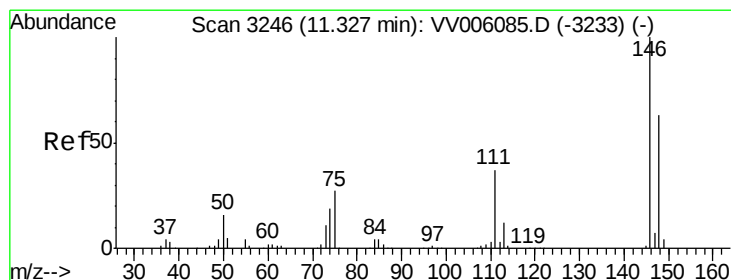
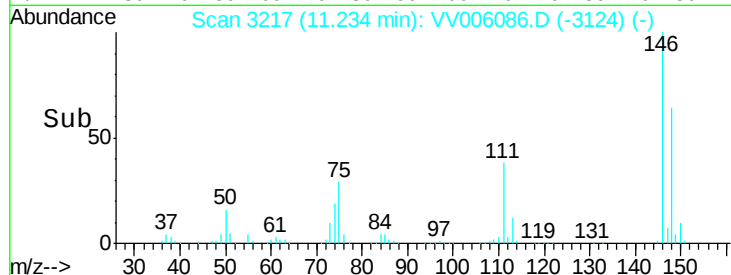
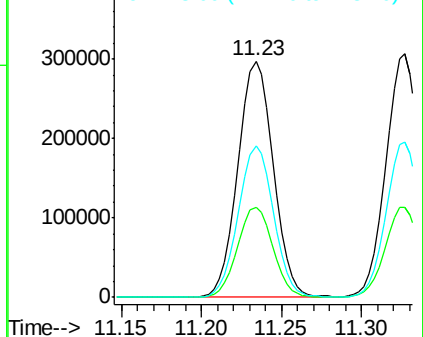
146 100

111 38.3 26.9 49.9

148 64.0 44.9 83.5



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: 93.02 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

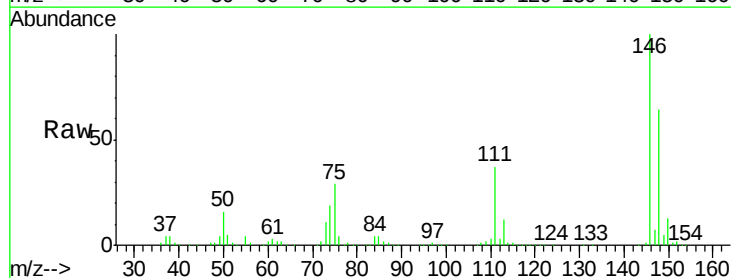
Tgt Ion:146 Resp: 466917

Ion Ratio Lower Upper

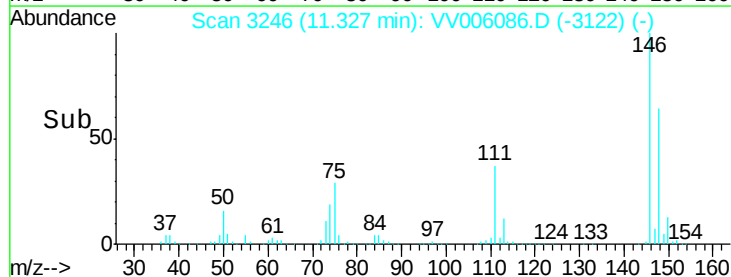
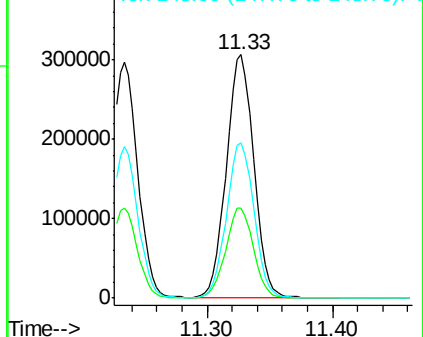
146 100

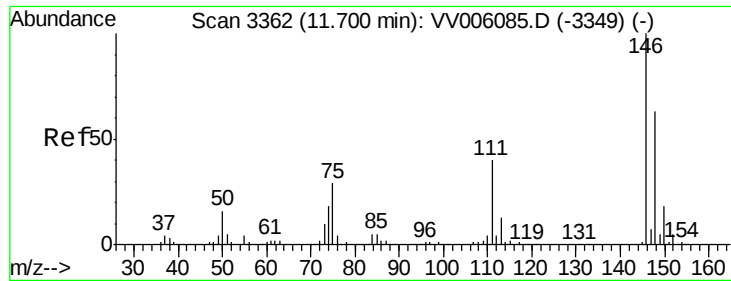
111 37.1 26.0 48.4

148 64.0 44.4 82.5



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: 94.14 ug/L

RT: 11.70 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

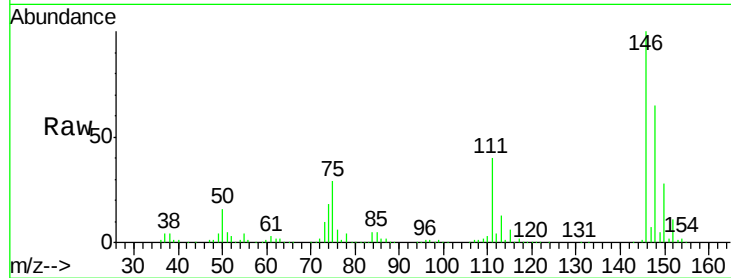
Tgt Ion: 146 Resp: 486494

Ion Ratio Lower Upper

146 100

111 39.6 31.8 47.8

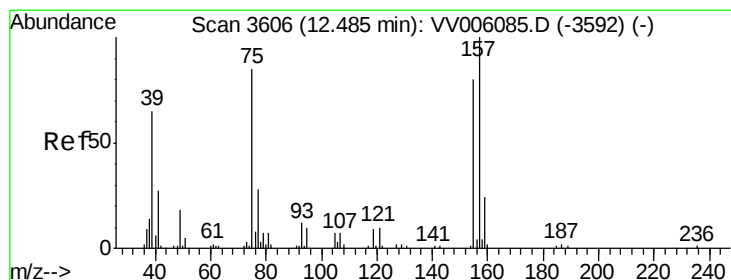
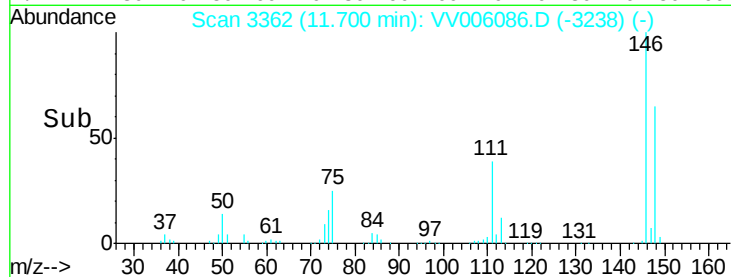
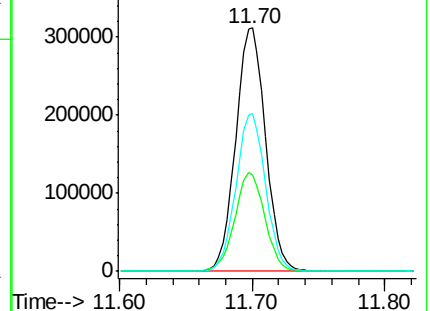
148 64.7 50.6 76.0



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: 80.42 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006086.D

Acq: 27 May 2018 14:45

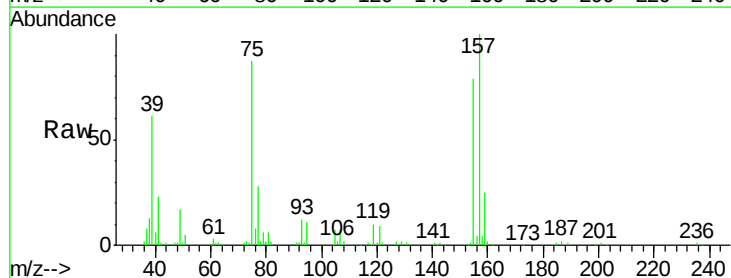
Tgt Ion: 75 Resp: 66501

Ion Ratio Lower Upper

75 100

155 91.2 75.9 113.9

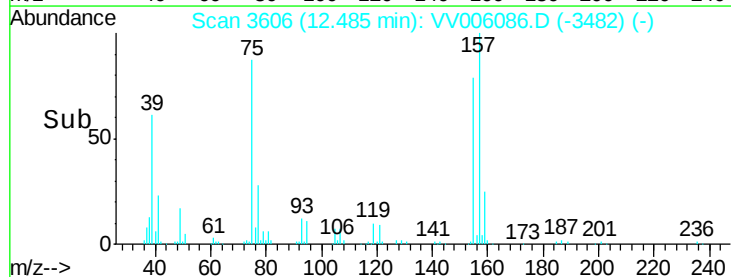
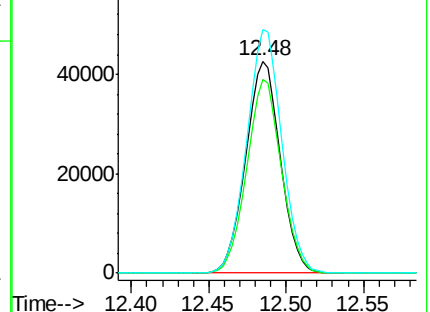
157 114.8 94.6 141.8

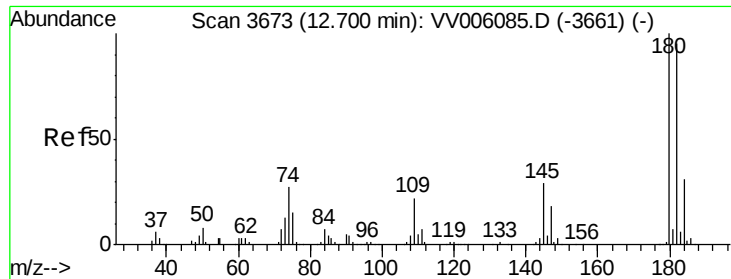


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

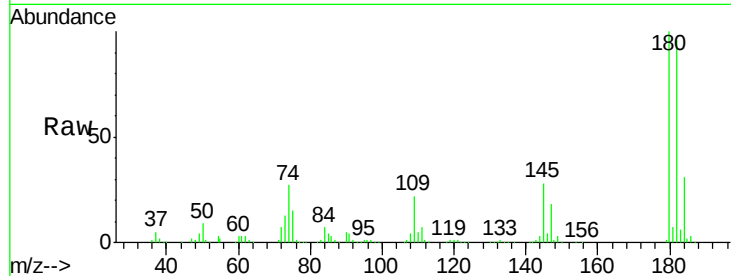
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 105.03 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

Tgt Ion:	180	Resp:	366281
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
184	31.0	24.6	37.0
145	28.2	22.5	33.7

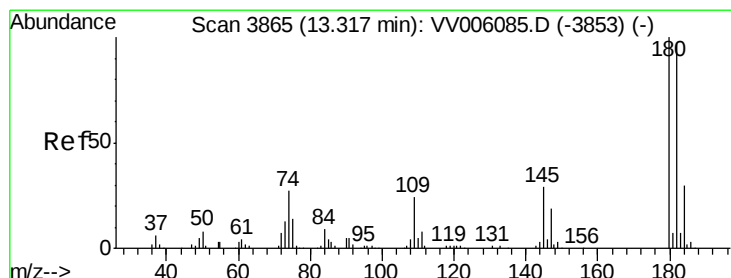
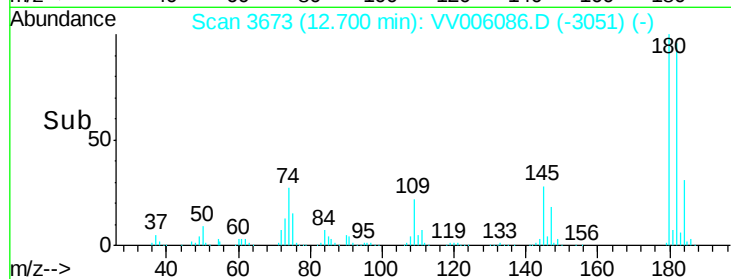
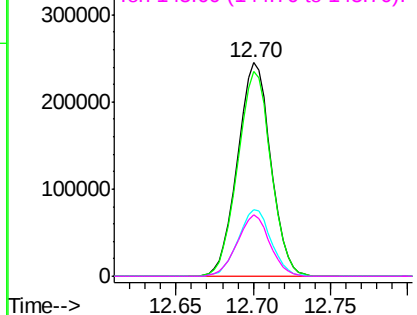


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

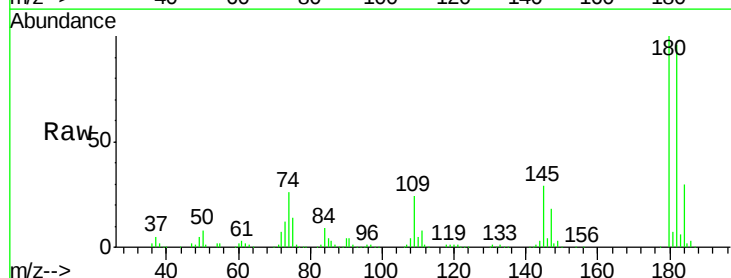
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 110.12 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006086.D
 Acq: 27 May 2018 14:45

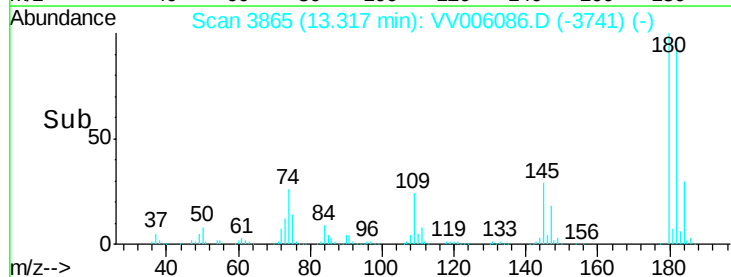
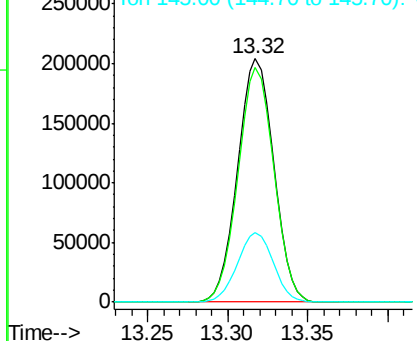
Tgt Ion:	180	Resp:	312966
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	28.5	23.0	34.6

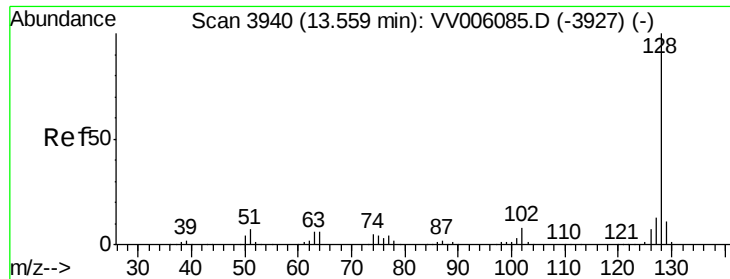


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

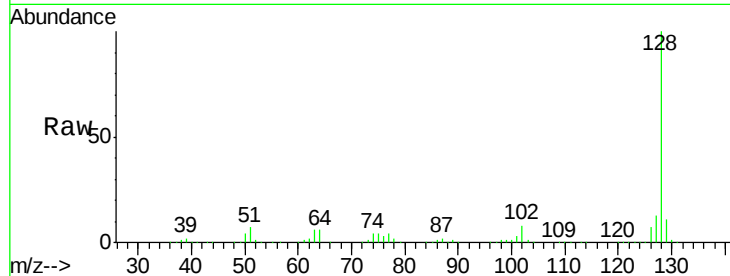
Ion 145.00 (144.70 to 145.70): V



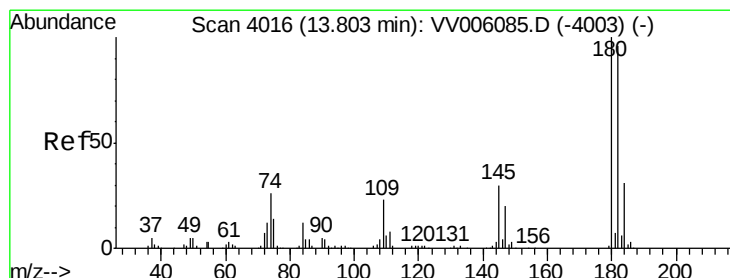
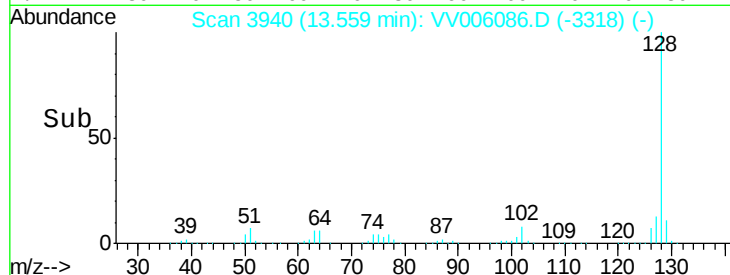
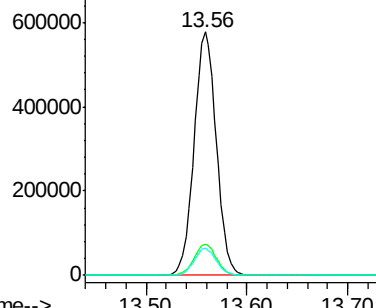


#69
Naphthalene
Concen: 103.43 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion:128 Resp: 887519
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1

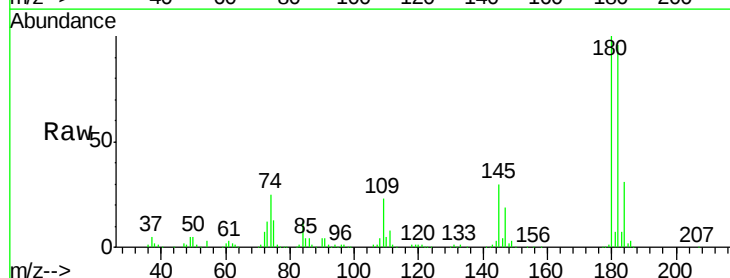


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 105.94 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006086.D
Acq: 27 May 2018 14:45

Tgt Ion:180 Resp: 330288
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.8
145 30.4 24.0 36.0



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

