

Data File : VV006084.D
Acq On : 27 May 2018 13:54
Operator : SY/MD
Sample : VSTD01071
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 27 23:58:30 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	254365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21603	11.76	ug/L	0.00
7) Chloroethane-d5	1.56	69	7771	6.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	38717	11.39	ug/L	0.00
21) 2-Butanone-d5	3.95	46	20362	20.13	ug/L	0.00
24) Chloroform-d	4.41	84	37572	11.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	24098	10.83	ug/L	0.00
32) Benzene-d6	5.10	84	74819	11.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	24721	12.08	ug/L	0.00
41) Toluene-d8	7.36	98	67376	11.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9529	10.31	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	16931	20.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34001	11.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	27551	12.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	14094	6.48	ug/L	# 73
3) Chloromethane	1.26	50	19998	8.36	ug/L	99
5) Vinyl chloride	1.33	62	23407	10.88	ug/L	100
6) Bromomethane	1.51	94	8349	9.24	ug/L	100
8) Chloroethane	1.57	64	6489	5.96	ug/L	99
9) Trichlorofluoromethane	1.75	101	30567	10.29	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	18786	11.05	ug/L	98
12) 1,1-Dichloroethene	2.13	96	16954	10.83	ug/L	97
13) Acetone	2.20	43	25130	23.45	ug/L	99
14) Carbon disulfide	2.31	76	45602	9.92	ug/L	100
15) Methyl Acetate	2.46	43	23745	10.87	ug/L	98
16) Methylene chloride	2.54	84	19515	10.50	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	18198	10.84	ug/L	97
18) Methyl tert-butyl Ether	2.82	73	61148	10.83	ug/L	99
19) 1,1-Dichloroethane	3.23	63	36147	10.62	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	18943	9.57	ug/L	93
22) 2-Butanone	4.04	43	31387	20.85	ug/L	98
23) Bromochloromethane	4.30	128	10044	10.38	ug/L	98
25) Chloroform	4.44	83	34731	9.83	ug/L	98
27) 1,2-Dichloroethane	5.19	62	27366	9.57	ug/L	100
29) Cyclohexane	4.72	56	28278	10.06	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	27703	9.45	ug/L	99
31) Carbon tetrachloride	4.88	117	23929	9.45	ug/L	100
33) Benzene	5.15	78	77061	10.78	ug/L	100
34) Trichloroethene	5.96	95	19022	10.40	ug/L	99
35) Methylcyclohexane	6.18	83	28665	9.95	ug/L	98
37) 1,2-Dichloropropane	6.23	63	20592	10.69	ug/L	99
38) Bromodichloromethane	6.56	83	23456	9.61	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	25961	9.26	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	51693	20.27	ug/L	98

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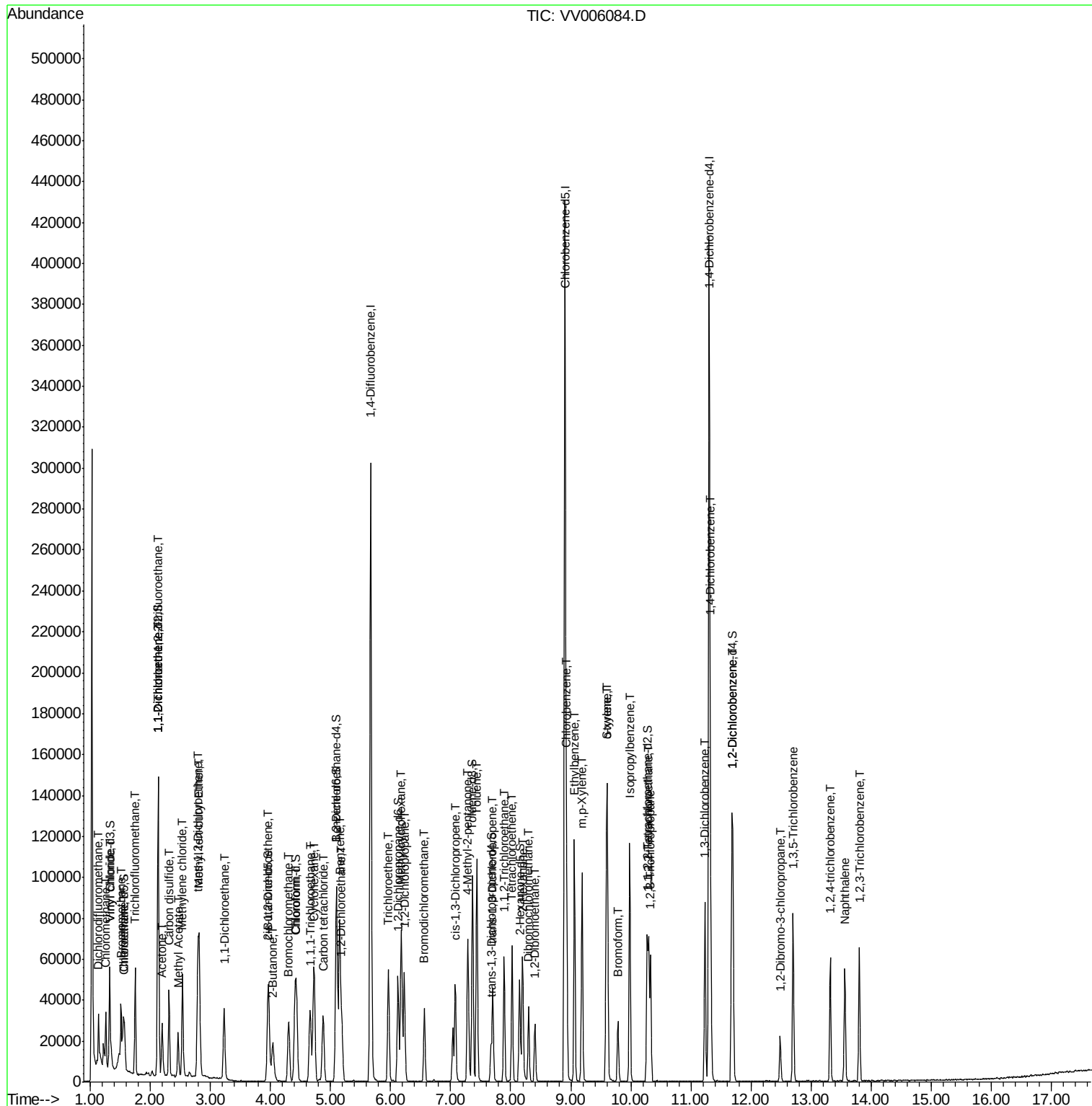
Quant Time: May 27 23:58:30 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
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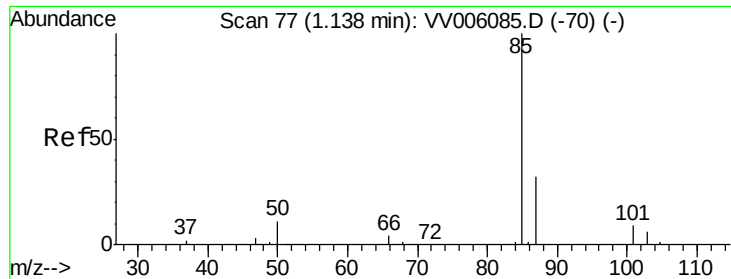
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	75621	10.19	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	24344	9.26	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	18804	10.34	ug/L	99
46) Tetrachloroethene	8.02	164	15303	10.83	ug/L	98
48) 2-Hexanone	8.20	43	41667	20.90	ug/L	98
49) Dibromochloromethane	8.30	129	18409	9.60	ug/L	99
50) 1,2-Dibromoethane	8.40	107	18267	9.77	ug/L	100
51) Chlorobenzene	8.93	112	50570	10.20	ug/L	98
52) Ethylbenzene	9.06	91	79098	9.72	ug/L	98
53) m,p-Xylene	9.19	106	29043	9.61	ug/L	97
54) o-xylene	9.59	106	29517	9.92	ug/L	98
55) Styrene	9.61	104	46952	9.20	ug/L	98
56) Isopropylbenzene	9.98	105	72893	9.18	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	32579	10.73	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	25207	10.28	ug/L	100
61) Bromoform	9.79	173	13446	10.49	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	35526	10.04	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	37274	10.04	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	41514	10.86	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4834	7.90	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	26208	10.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	19031	9.05	ug/L	99
69) Naphthalene	13.56	128	45448	7.16	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	21106	9.15	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 6.48 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006084.D

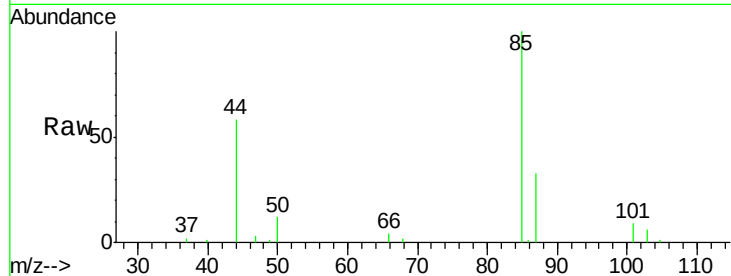
Acq: 27 May 2018 13:54

Tgt Ion: 85 Resp: 14094

Ion Ratio Lower Upper

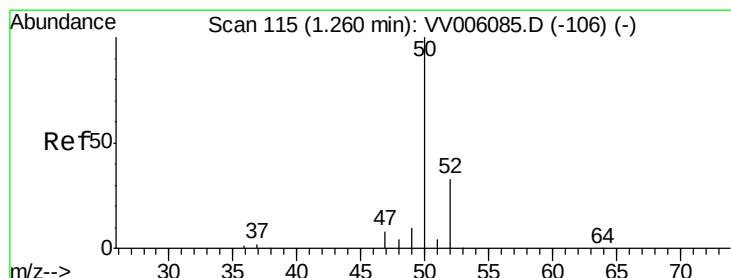
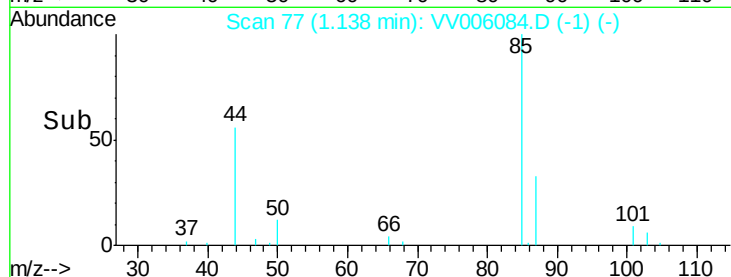
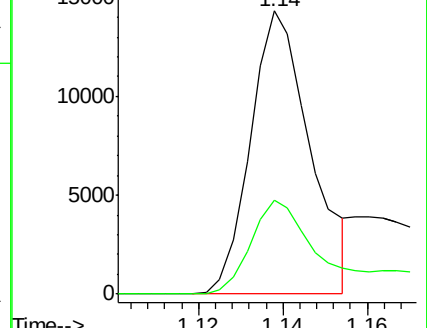
85 100

87 36.5 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) (-)



#3

Chloromethane

Concen: 8.36 ug/L

RT: 1.26 min Scan# 115

Delta R.T. 0.00 min

Lab File: VV006084.D

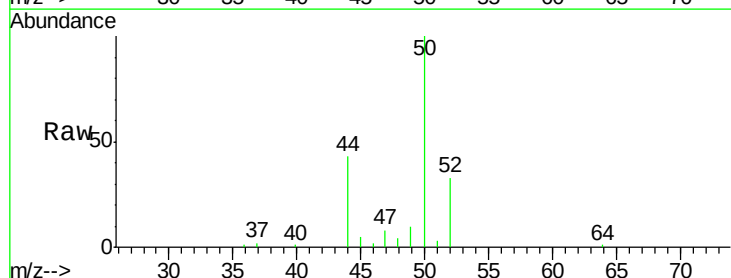
Acq: 27 May 2018 13:54

Tgt Ion: 50 Resp: 19998

Ion Ratio Lower Upper

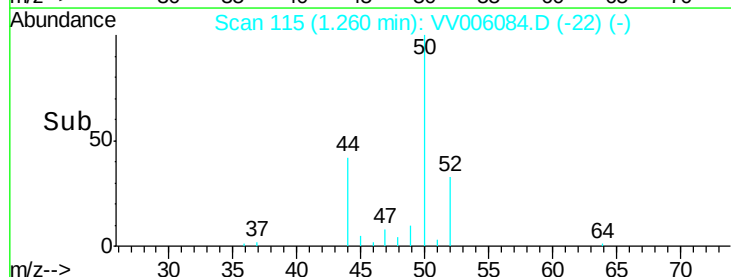
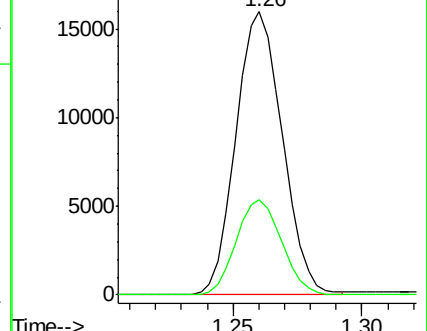
50 100

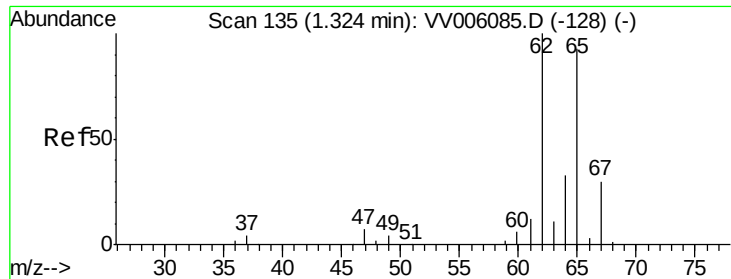
52 33.5 23.2 43.0



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

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





#5

Vinyl chloride

Concen: 10.88 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV006084.D

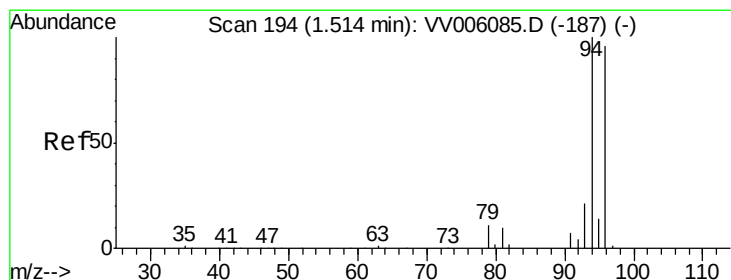
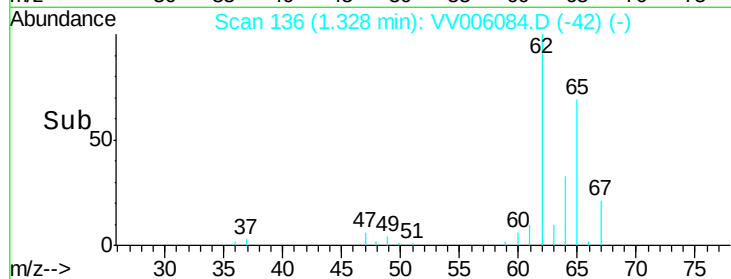
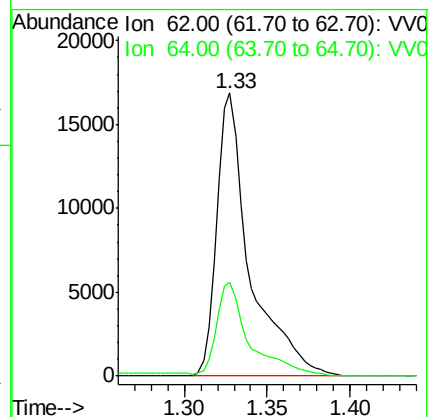
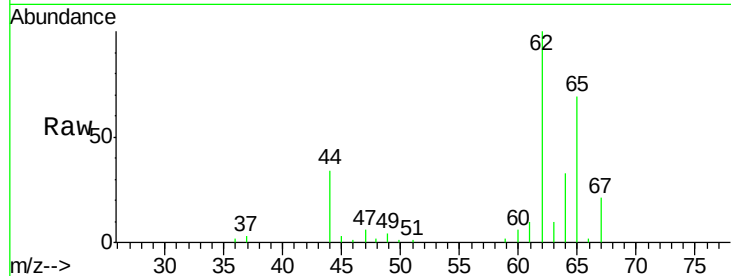
Acq: 27 May 2018 13:54

Tgt Ion: 62 Resp: 23407

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 9.24 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006084.D

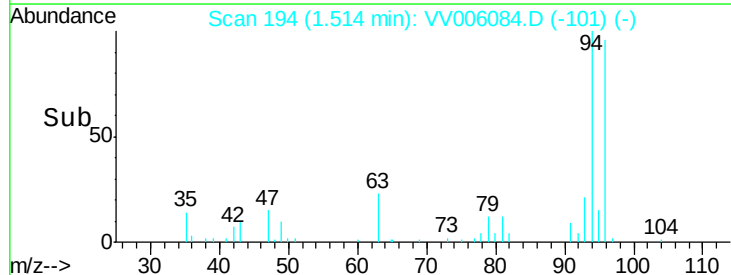
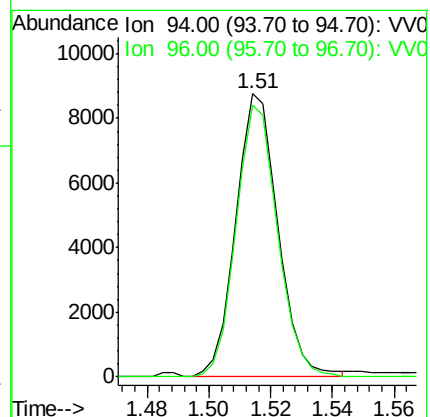
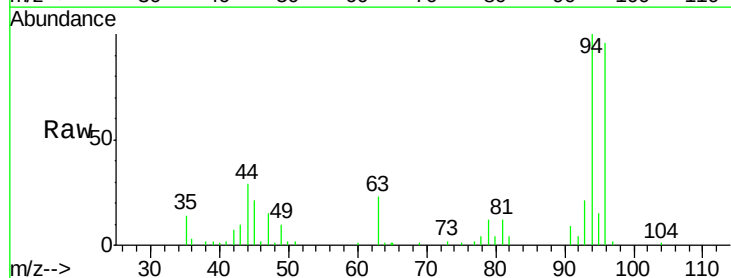
Acq: 27 May 2018 13:54

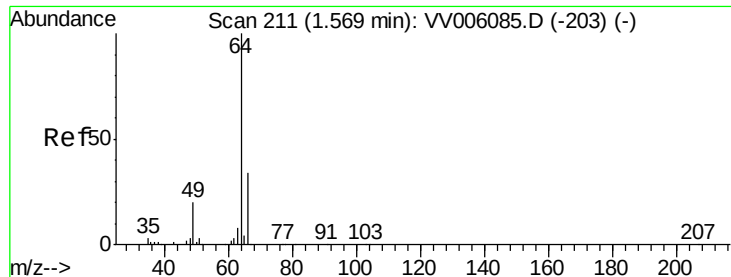
Tgt Ion: 94 Resp: 8349

Ion Ratio Lower Upper

94 100

96 95.9 67.3 125.1





#8

Chloroethane

Concen: 5.96 ug/L

RT: 1.57 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV006084.D

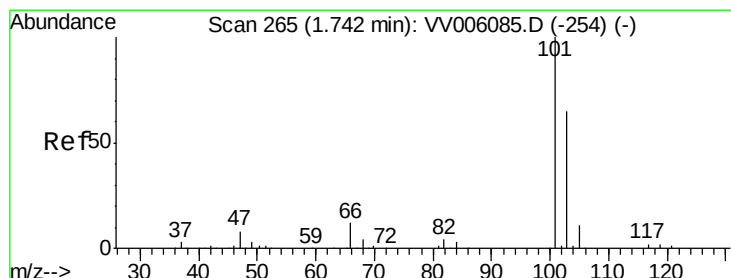
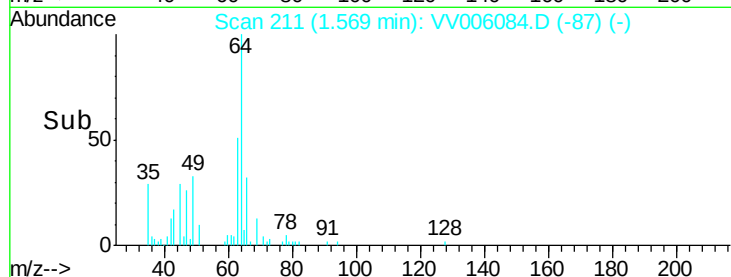
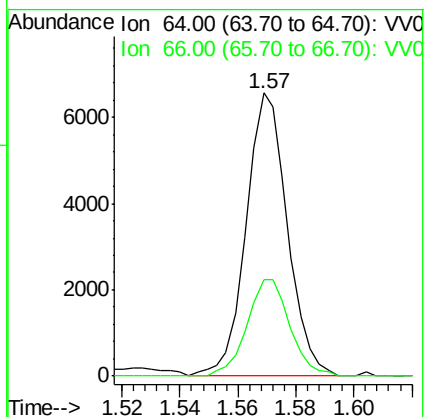
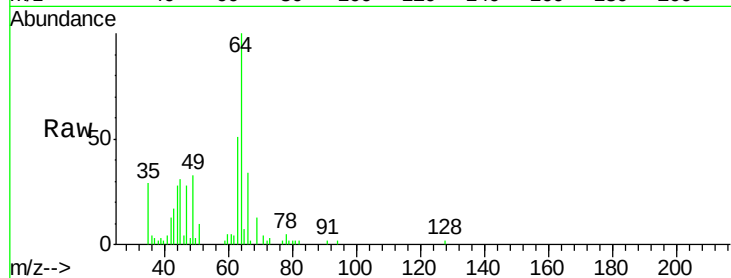
Acq: 27 May 2018 13:54

Tgt Ion: 64 Resp: 6489

Ion Ratio Lower Upper

64 100

66 34.0 23.4 43.6



#9

Trichlorofluoromethane

Concen: 10.29 ug/L

RT: 1.75 min Scan# 267

Delta R.T. 0.01 min

Lab File: VV006084.D

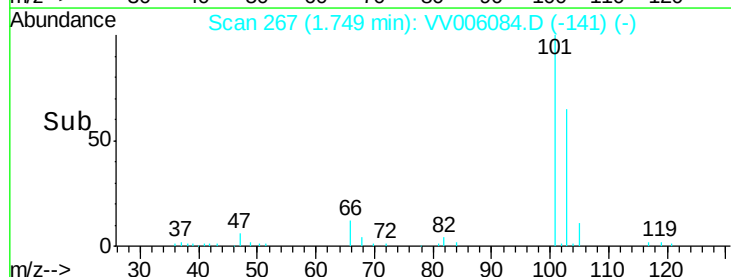
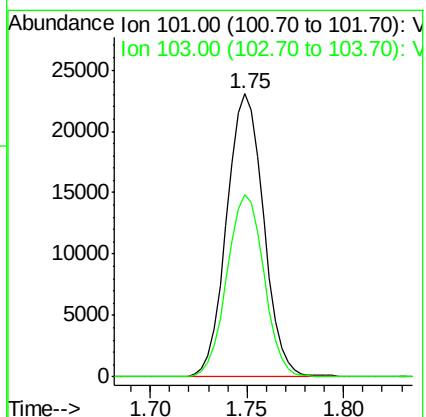
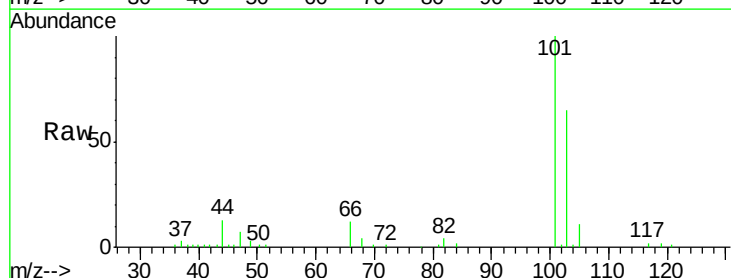
Acq: 27 May 2018 13:54

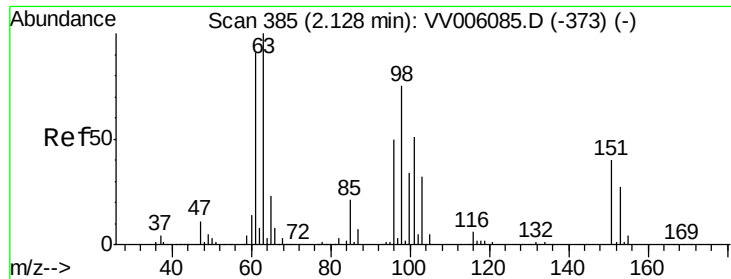
Tgt Ion: 101 Resp: 30567

Ion Ratio Lower Upper

101 100

103 64.4 52.2 78.4





#10

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

Concen: 11.05 ug/L

RT: 2.13 min Scan# 387

Delta R.T. 0.01 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

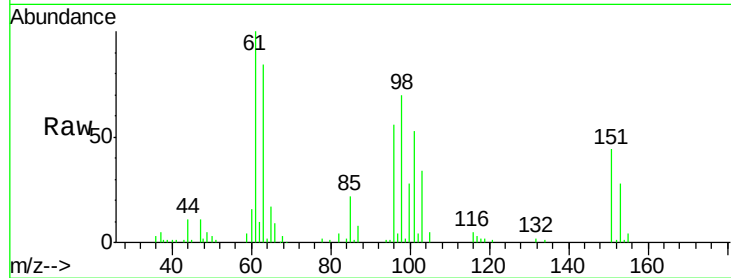
Tgt Ion: 101 Resp: 18786

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

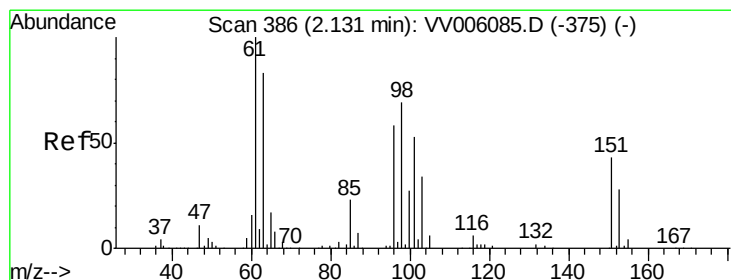
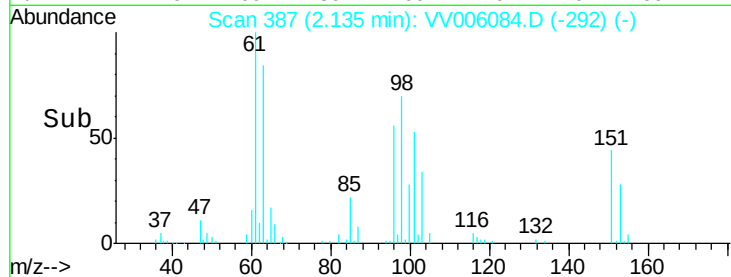
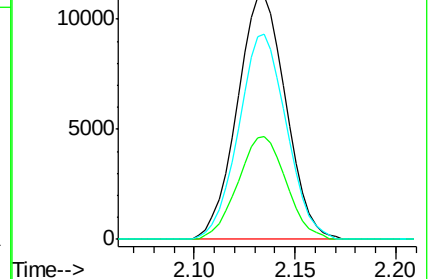
151 82.5 64.7 97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006085.D (-373) (-)

Ion 85.00 (84.70 to 85.70): VV006085.D (-373) (-)

Ion 151.00 (150.70 to 151.70): VV006085.D (-373) (-)



#12

1,1-Dichloroethene

Concen: 10.83 ug/L

RT: 2.13 min Scan# 387

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

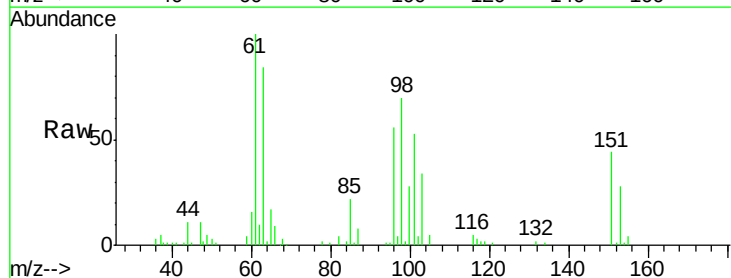
Tgt Ion: 96 Resp: 16954

Ion Ratio Lower Upper

96 100

61 177.5 120.5 223.9

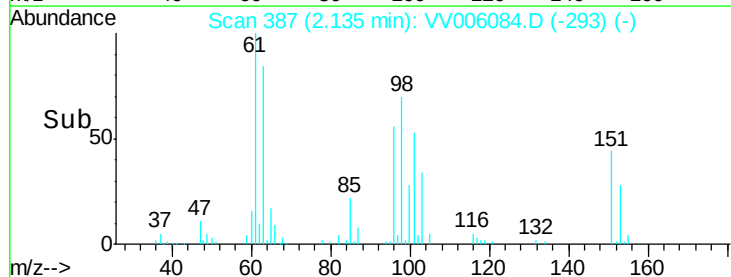
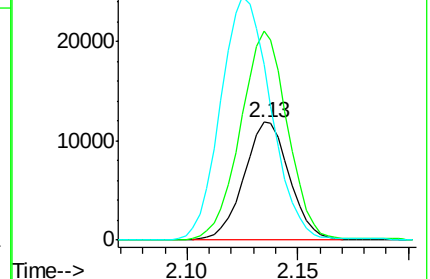
63 149.2 103.3 191.9

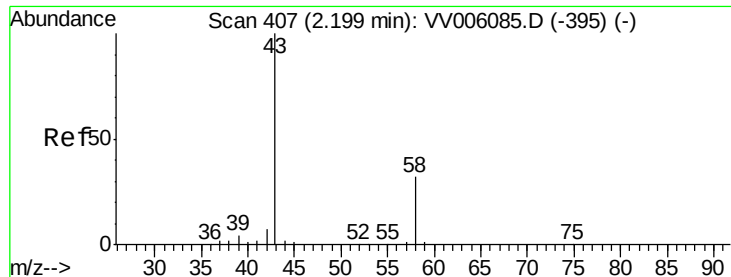


Abundance Ion 96.00 (95.70 to 96.70): VV006085.D (-375) (-)

Ion 61.00 (60.70 to 61.70): VV006085.D (-375) (-)

Ion 63.00 (62.70 to 63.70): VV006085.D (-375) (-)





#13

Acetone

Concen: 23.45 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV006084.D

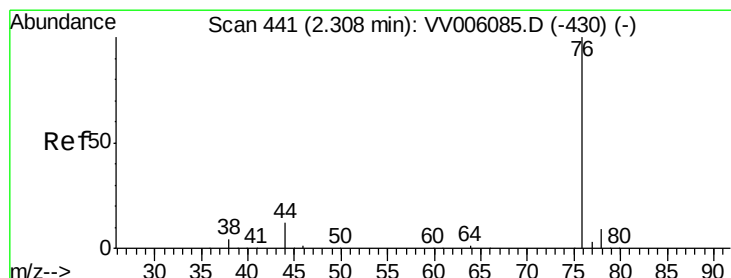
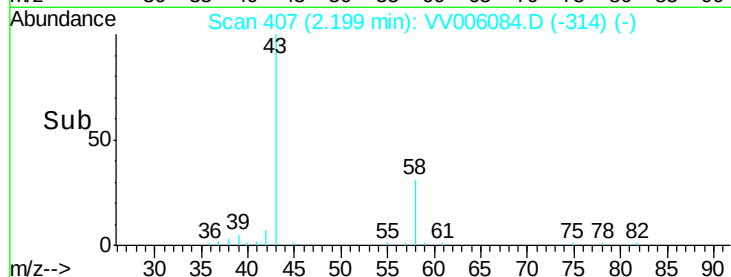
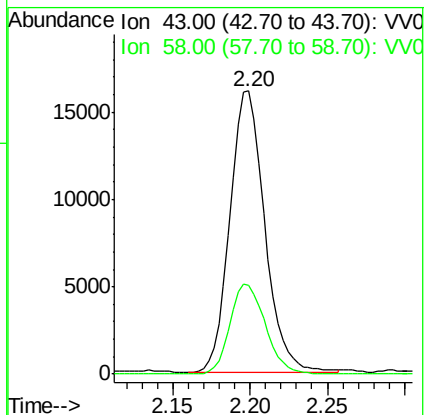
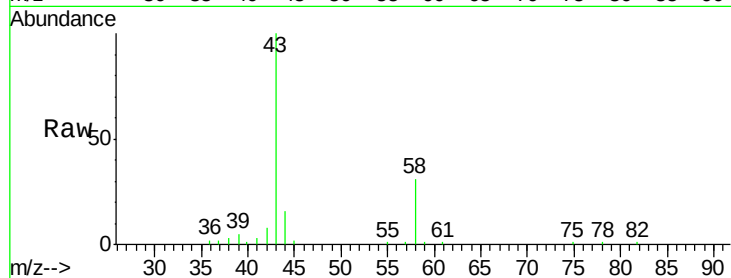
Acq: 27 May 2018 13:54

Tgt Ion: 43 Resp: 25130

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.4



#14

Carbon disulfide

Concen: 9.92 ug/L

RT: 2.31 min Scan# 443

Delta R.T. 0.01 min

Lab File: VV006084.D

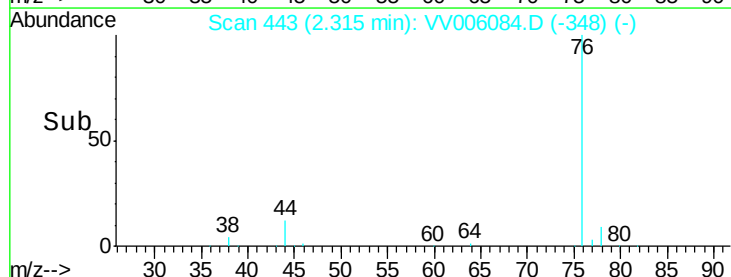
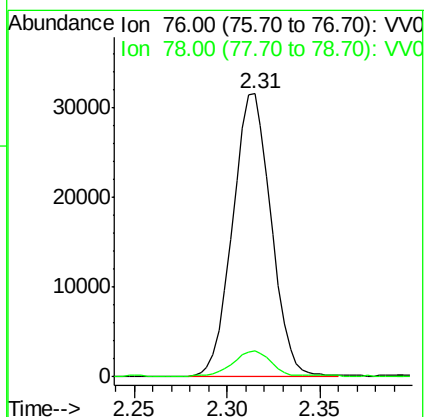
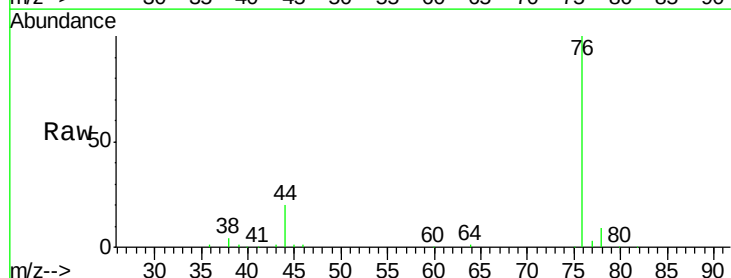
Acq: 27 May 2018 13:54

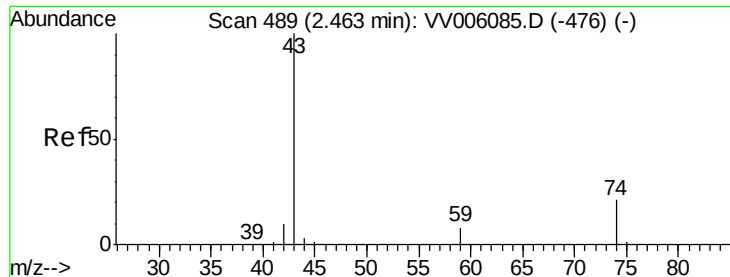
Tgt Ion: 76 Resp: 45602

Ion Ratio Lower Upper

76 100

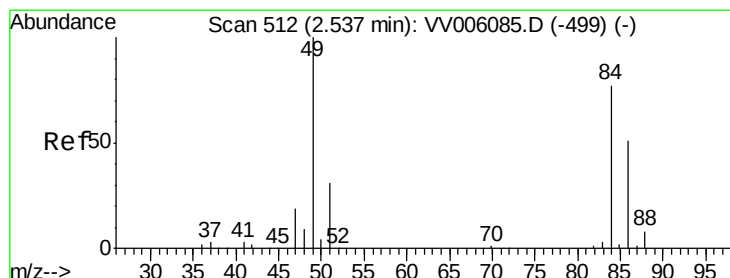
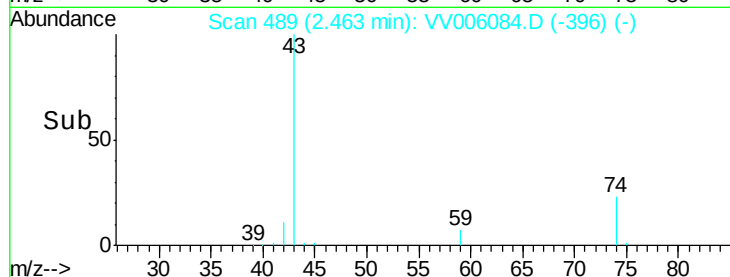
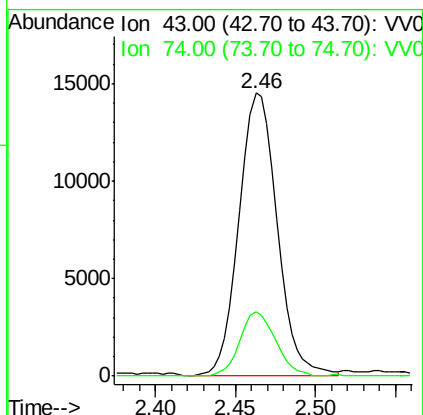
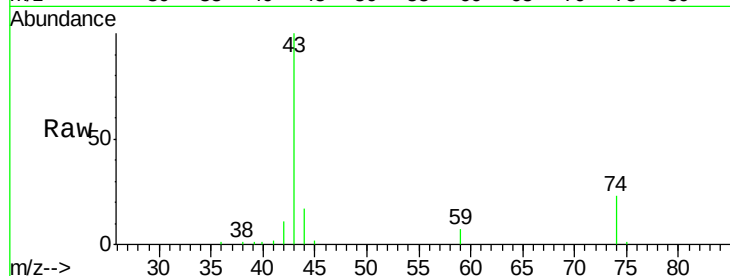
78 9.2 7.3 10.9





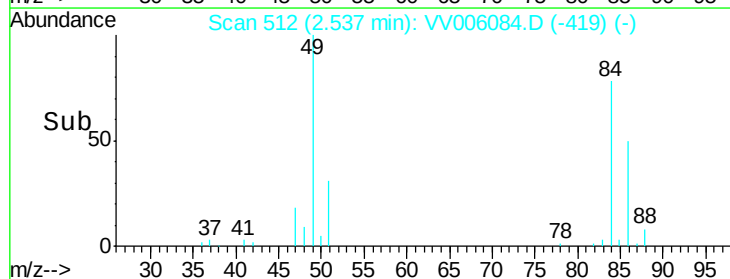
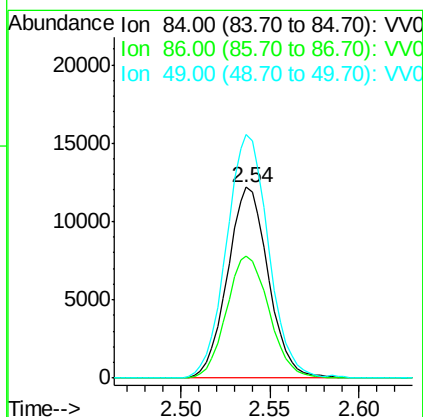
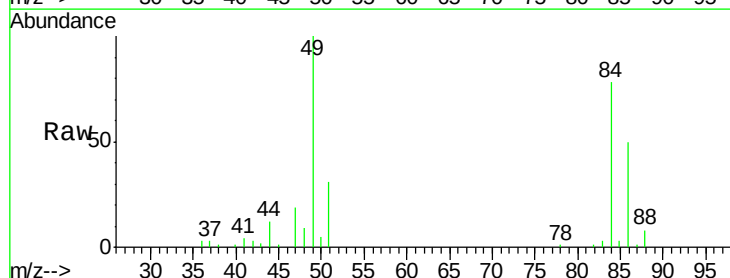
#15
Methyl Acetate
Concen: 10.87 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

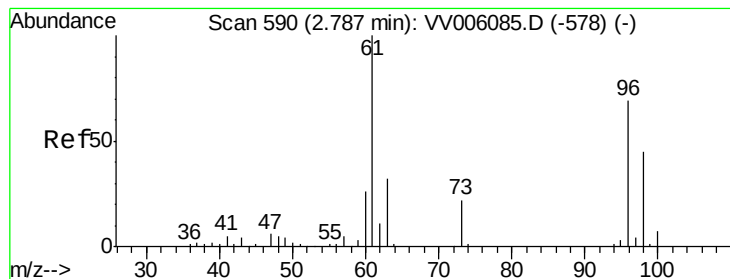
Tgt Ion: 43 Resp: 23745
Ion Ratio Lower Upper
43 100
74 21.2 17.6 26.4



#16
Methylene chloride
Concen: 10.50 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion: 84 Resp: 19515
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 127.5 90.7 168.5





#17

trans-1,2-Dichloroethene

Concen: 10.84 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

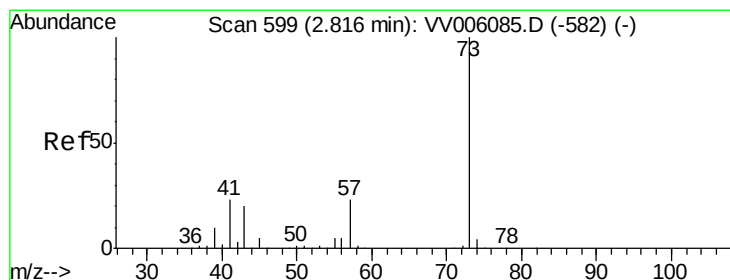
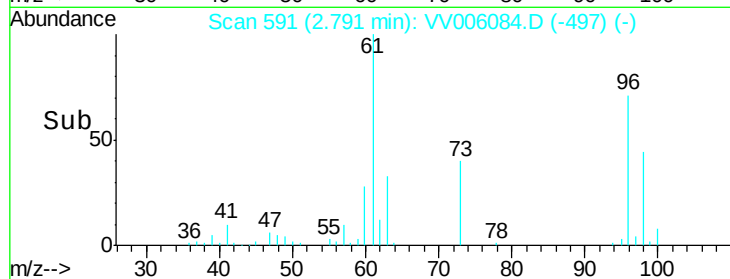
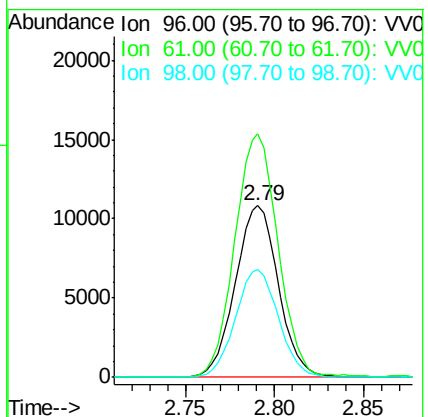
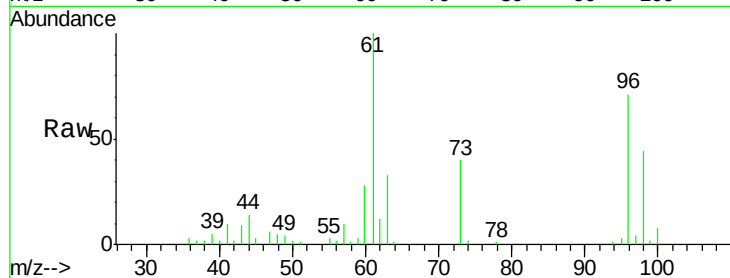
Tgt Ion: 96 Resp: 18198

Ion Ratio Lower Upper

96 100

61 141.8 102.1 189.5

98 62.8 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 10.83 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

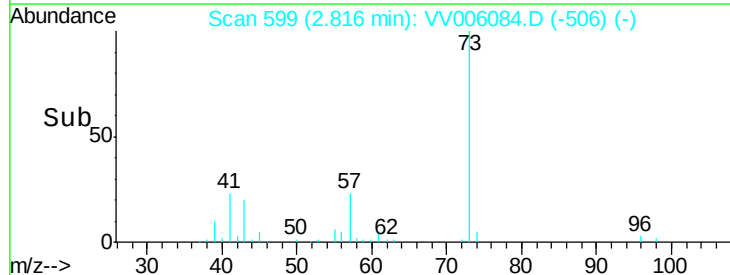
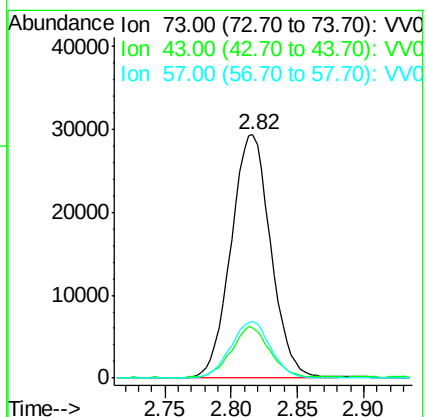
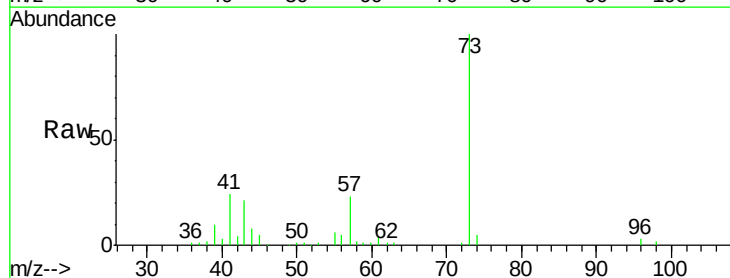
Tgt Ion: 73 Resp: 61148

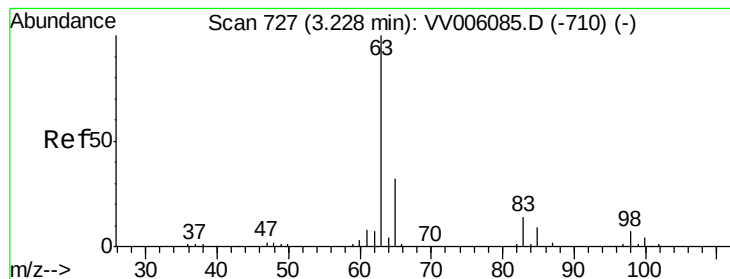
Ion Ratio Lower Upper

73 100

43 20.2 15.9 23.9

57 23.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 10.62 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

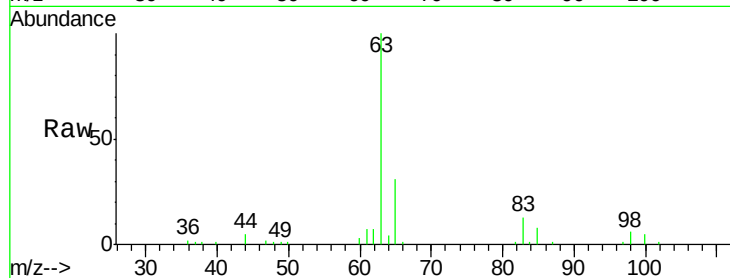
Tgt Ion: 63 Resp: 36147

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

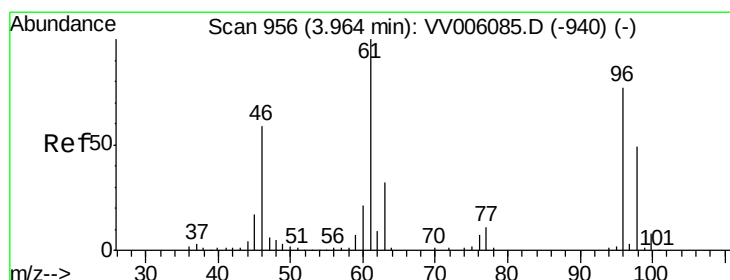
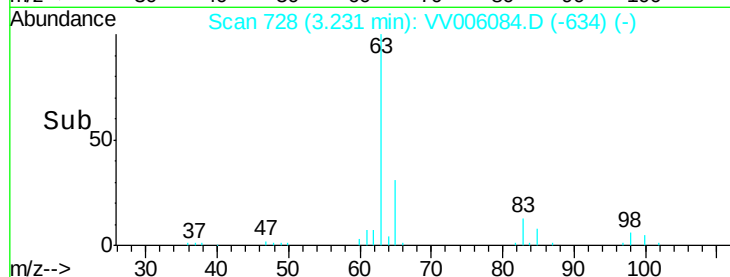
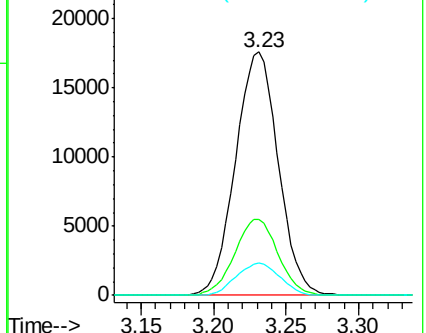
83 13.3 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VV006085.D (-710) (-)

Ion 65.00 (64.70 to 65.70): VV006085.D (-710) (-)

Ion 83.00 (82.70 to 83.70): VV006085.D (-710) (-)



#20

cis-1,2-Dichloroethene

Concen: 9.57 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

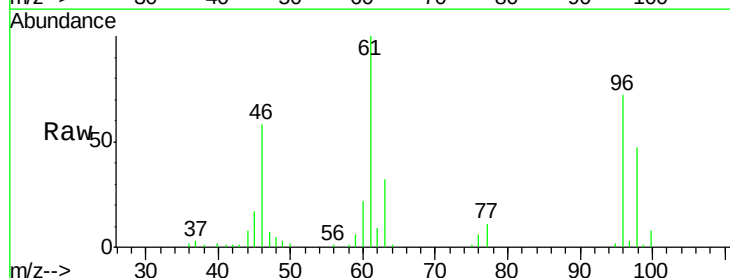
Tgt Ion: 96 Resp: 18943

Ion Ratio Lower Upper

96 100

61 139.2 91.7 170.3

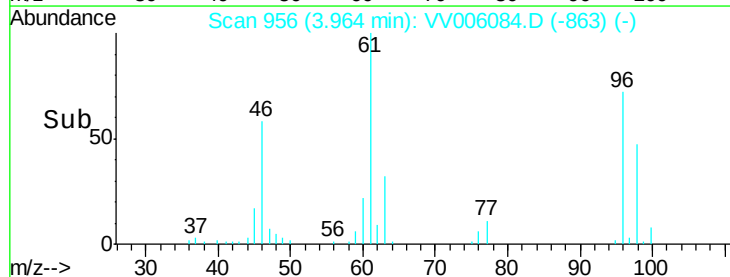
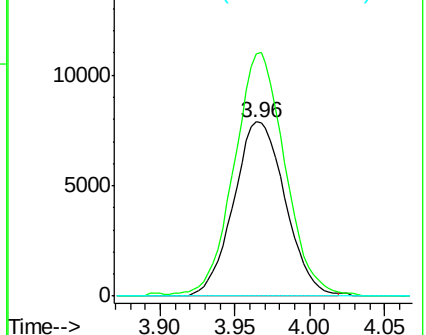
68 0.0 0.0 0.0

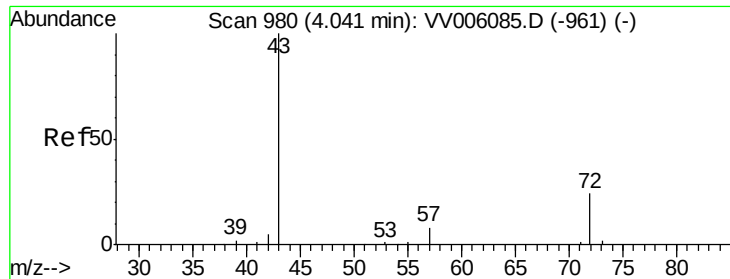


Abundance Ion 96.00 (95.70 to 96.70): VV006085.D (-940) (-)

Ion 61.00 (60.70 to 61.70): VV006085.D (-940) (-)

Ion 68.00 (67.70 to 68.70): VV006085.D (-940) (-)





#22

2-Butanone

Concen: 20.85 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV006084.D

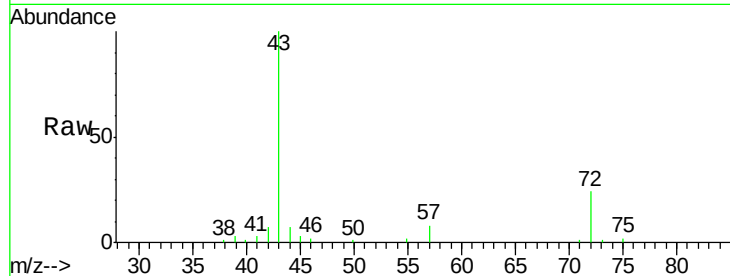
Acq: 27 May 2018 13:54

Tgt Ion: 43 Resp: 31387

Ion Ratio Lower Upper

43 100

72 24.6 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006084.D (-887) (-)

Ion 72.00 (71.70 to 72.70): VV006084.D (-887) (-)

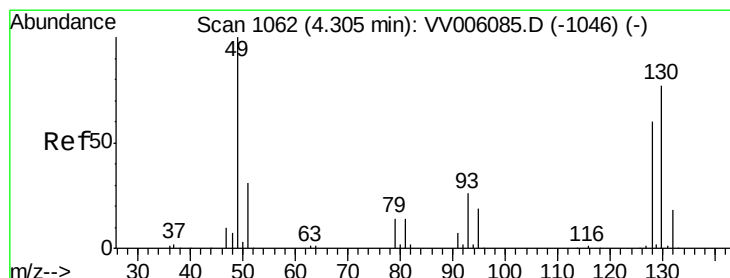
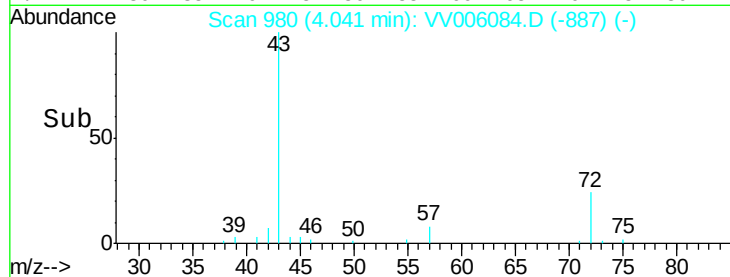
4.04

10000

5000

0

Time-->



#23

Bromochloromethane

Concen: 10.38 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

Tgt Ion: 128 Resp: 10044

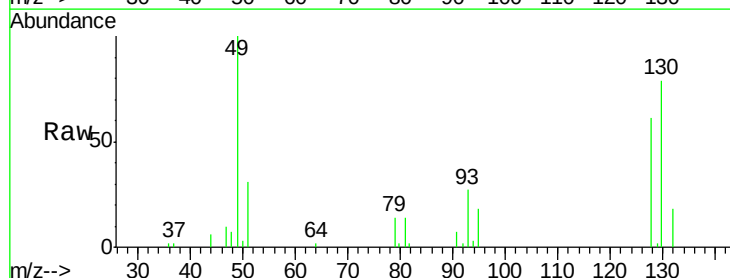
Ion Ratio Lower Upper

128 100

49 163.8 118.1 219.3

130 129.2 90.1 167.3

51 50.0 41.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): VV006084.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006084.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006084.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VV006084.D (-969) (-)

4.30

10000

8000

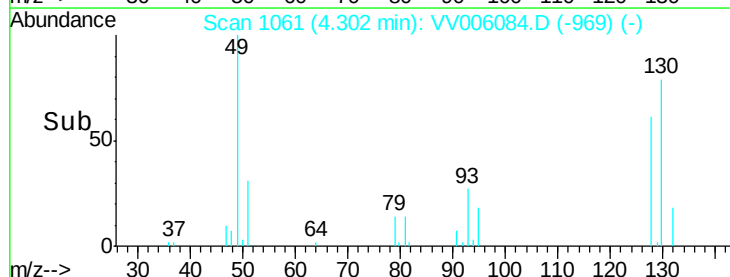
6000

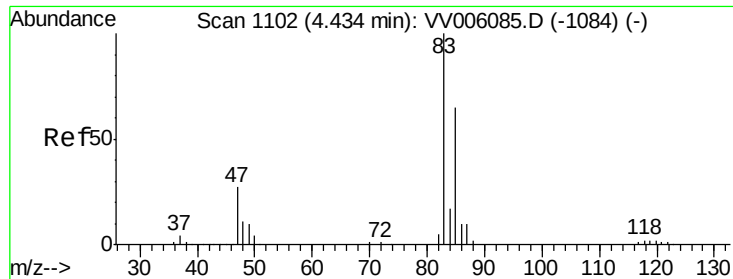
4000

2000

0

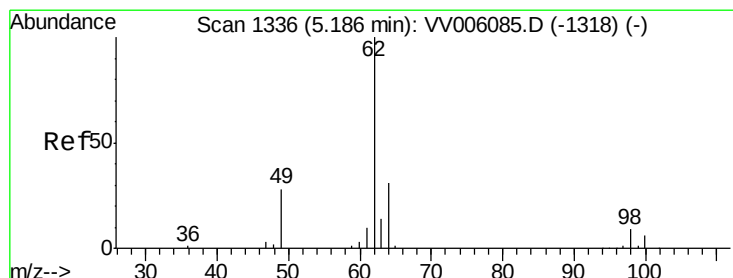
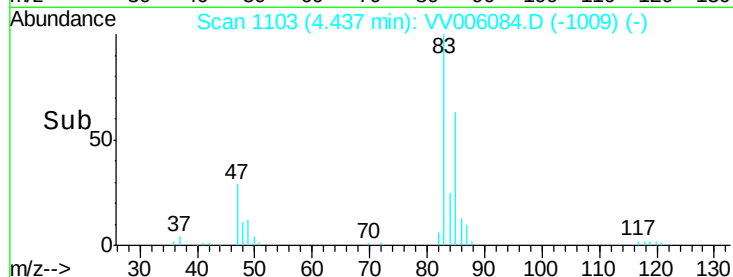
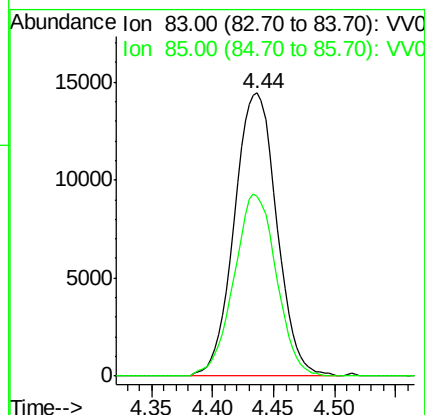
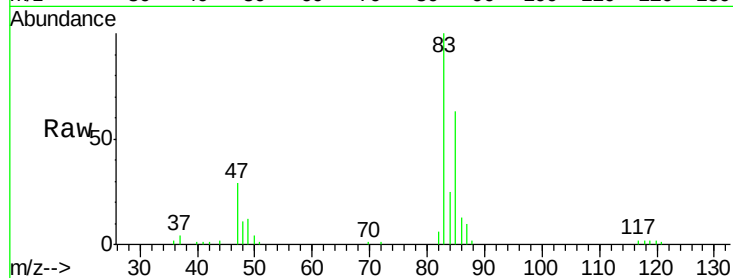
Time-->





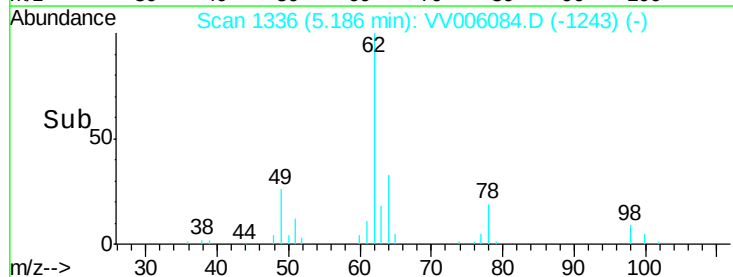
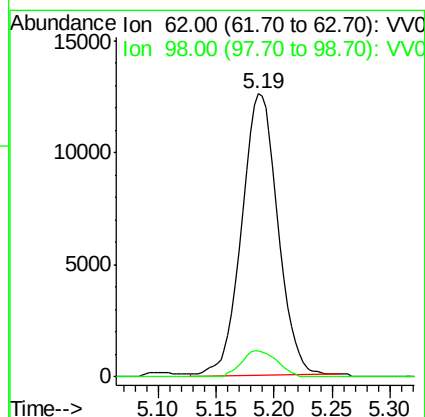
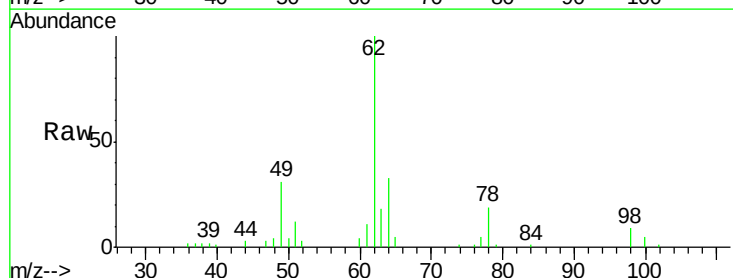
#25
Chloroform
Concen: 9.83 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

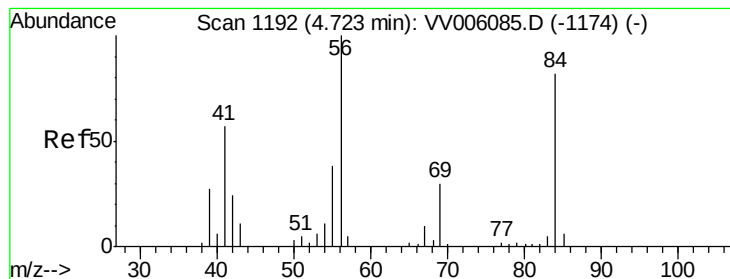
Tgt Ion: 83 Resp: 34731
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.8



#27
1,2-Dichloroethane
Concen: 9.57 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion: 62 Resp: 27366
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 10.06 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

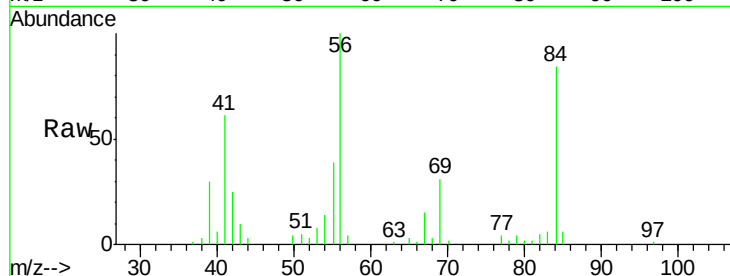
Tgt Ion: 56 Resp: 28278

Ion Ratio Lower Upper

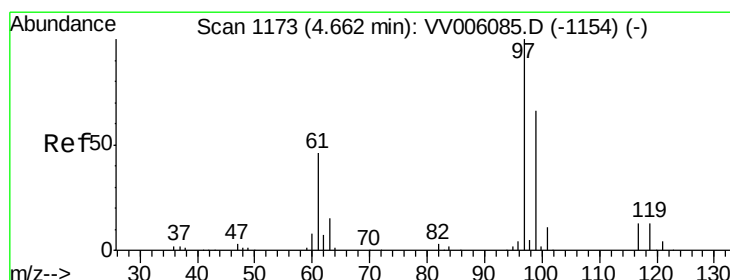
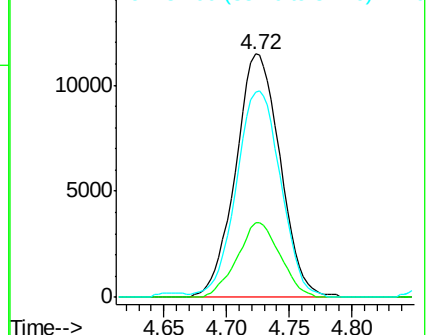
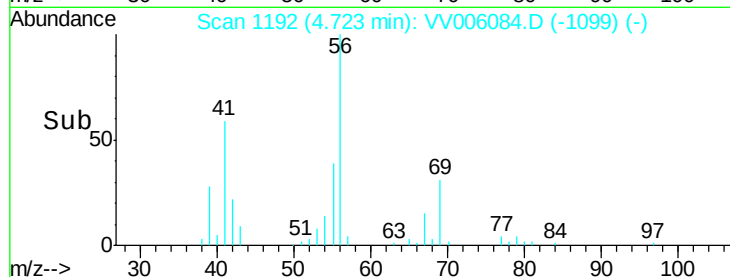
56 100

69 29.6 23.8 35.6

84 85.0 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VV006084.D (-1099) (-)



#30

1,1,1-Trichloroethane

Concen: 9.45 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

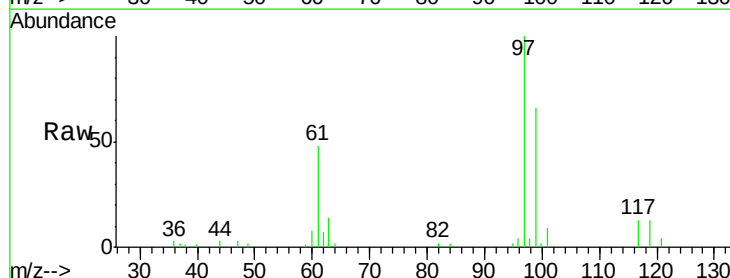
Tgt Ion: 97 Resp: 27703

Ion Ratio Lower Upper

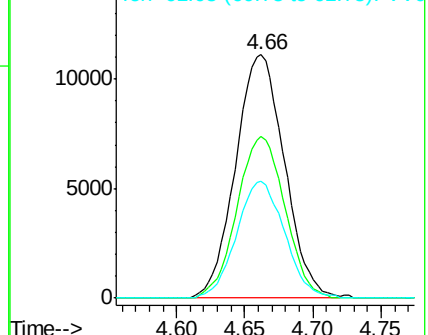
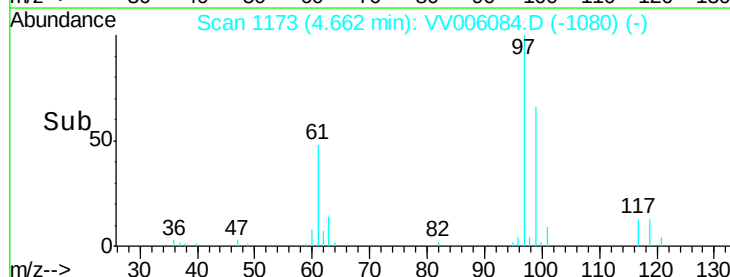
97 100

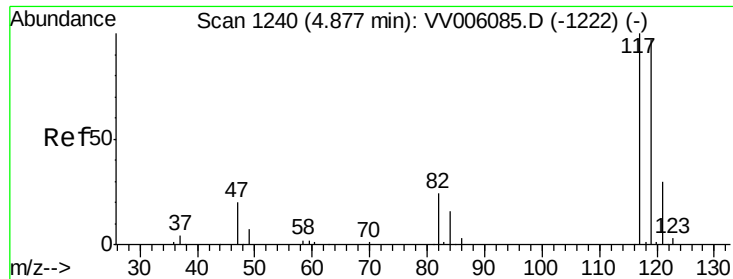
99 65.0 51.9 77.9

61 47.0 37.0 55.6



Abundance Ion 97.00 (96.70 to 97.70): VV006084.D (-1080) (-)





#31

Carbon tetrachloride

Concen: 9.45 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006084.D

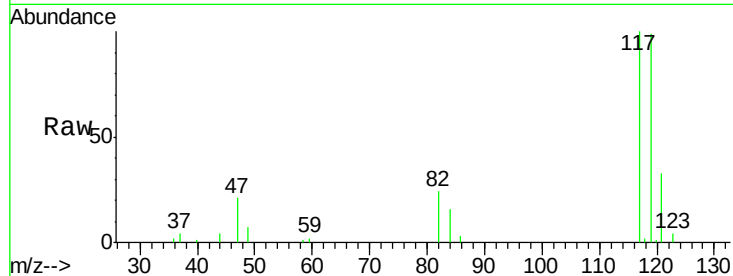
Acq: 27 May 2018 13:54

Tgt Ion:117 Resp: 23929

Ion Ratio Lower Upper

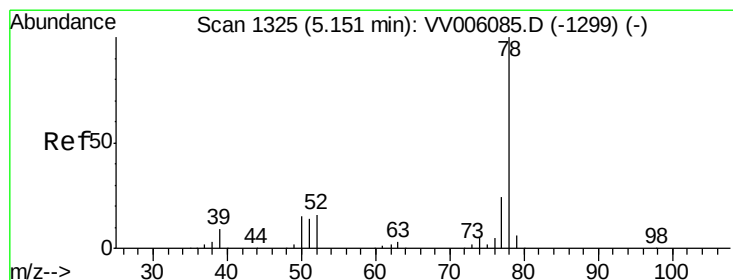
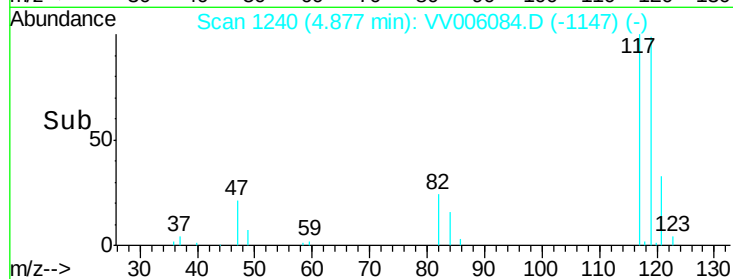
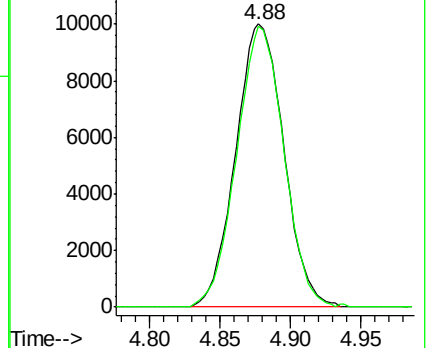
117 100

119 96.8 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: 10.78 ug/L

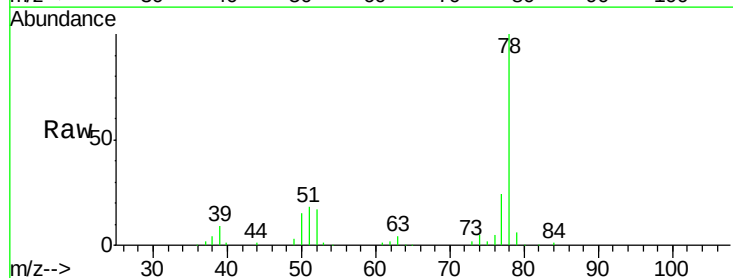
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

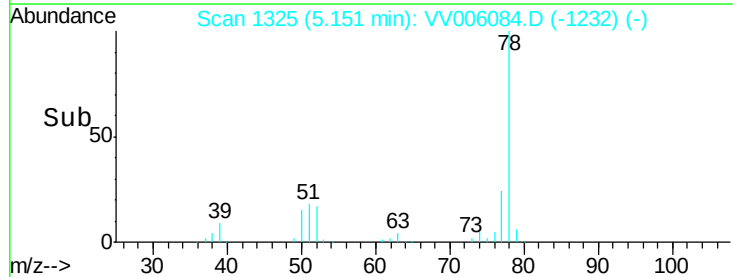
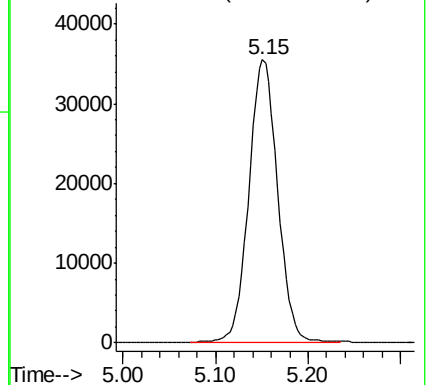
Lab File: VV006084.D

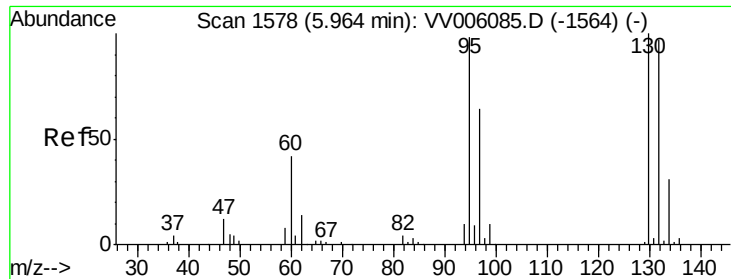
Acq: 27 May 2018 13:54

Tgt Ion: 78 Resp: 77061



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 10.40 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

Tgt Ion: 95 Resp: 19022

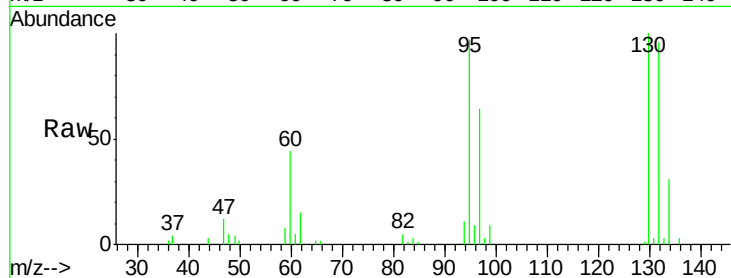
Ion Ratio Lower Upper

95 100

97 65.6 45.4 84.4

132 98.2 69.0 128.2

130 102.7 71.2 132.2

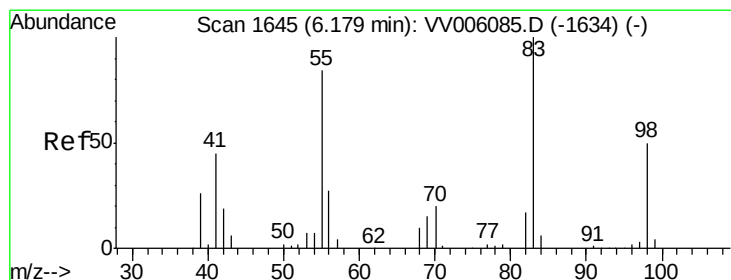
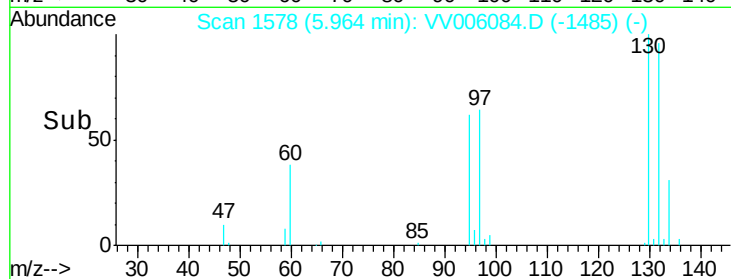
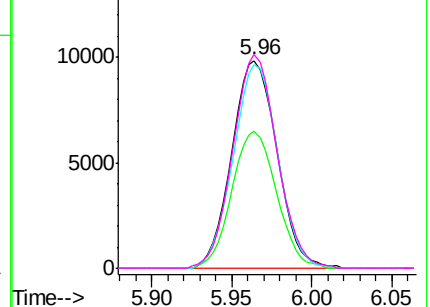


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 9.95 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

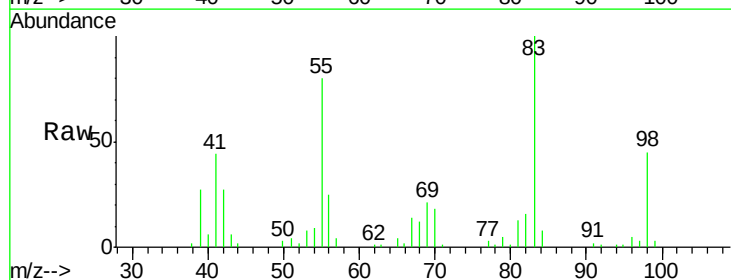
Tgt Ion: 83 Resp: 28665

Ion Ratio Lower Upper

83 100

55 80.6 62.8 94.2

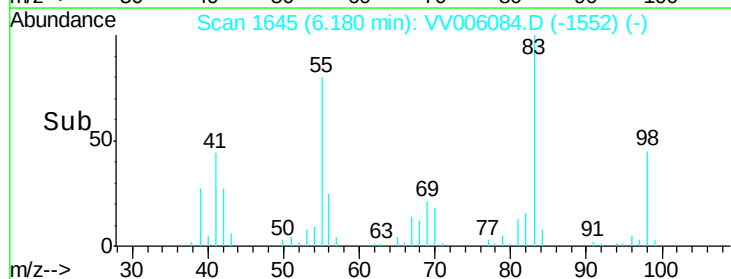
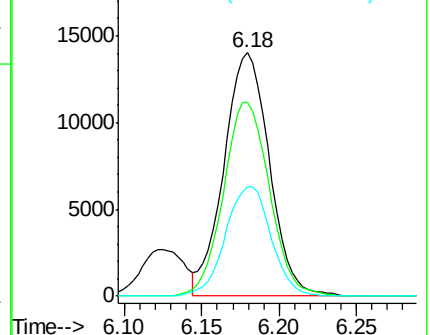
98 45.2 37.5 56.3

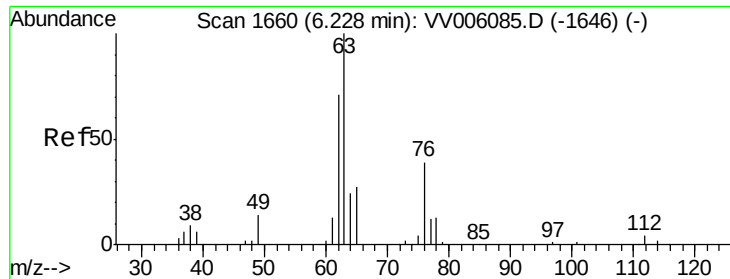


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

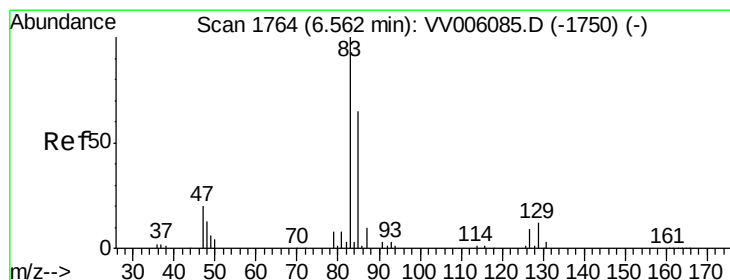
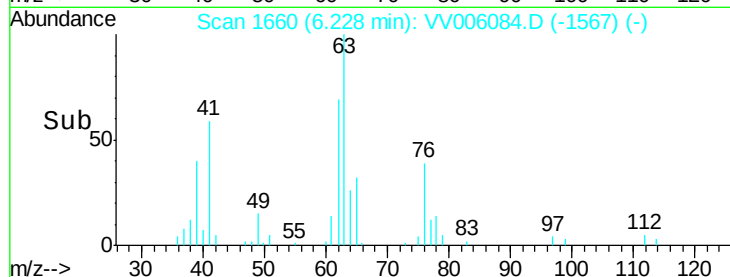
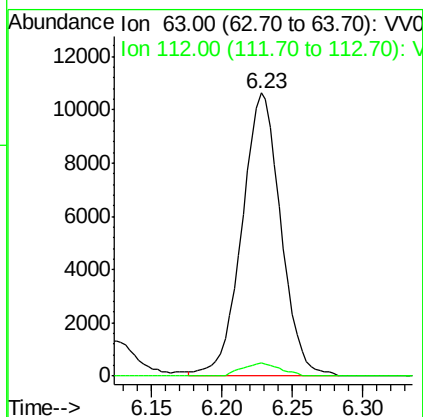
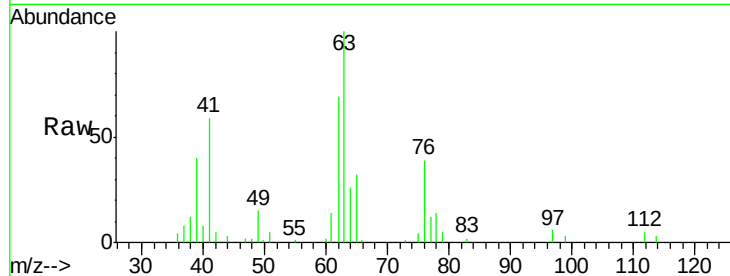
Ion 98.00 (97.70 to 98.70): VV0





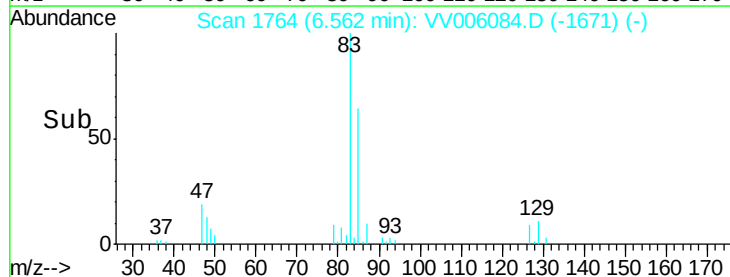
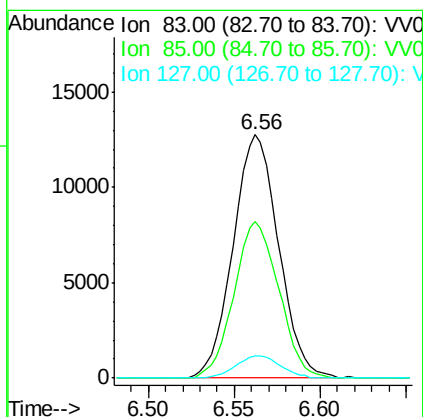
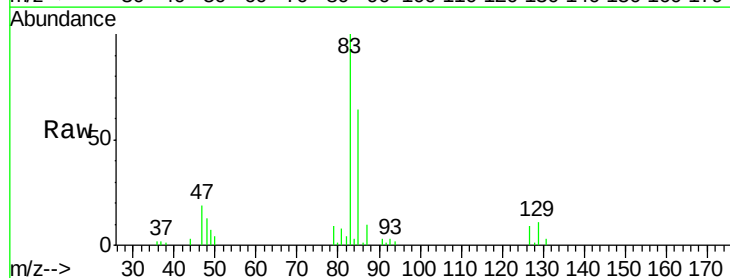
#37
 1,2-Dichloropropane
 Concen: 10.69 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

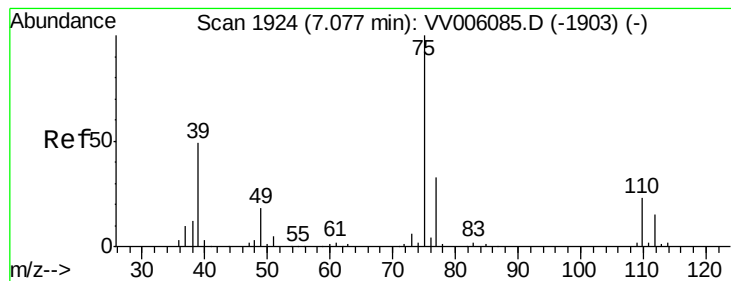
Tgt Ion: 63 Resp: 20592
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.2 4.8



#38
 Bromodichloromethane
 Concen: 9.61 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

Tgt Ion: 83 Resp: 23456
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.6 84.6
 127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 9.26 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV006084.D

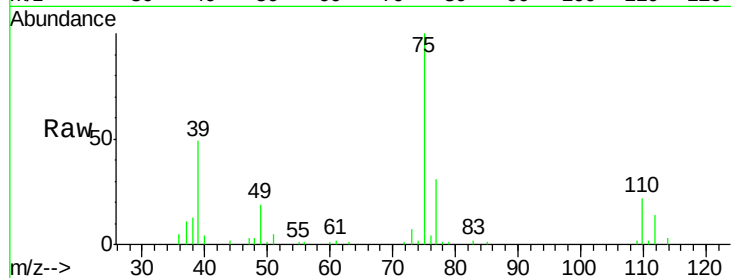
Acq: 27 May 2018 13:54

Tgt Ion: 75 Resp: 25961

Ion Ratio Lower Upper

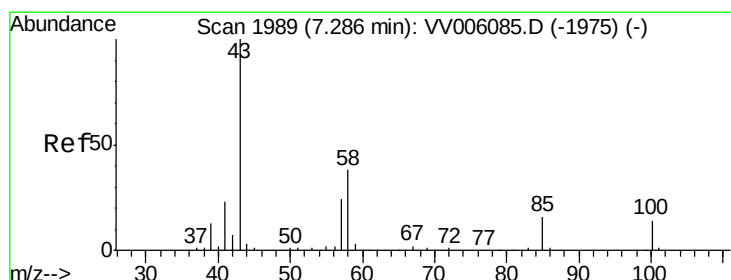
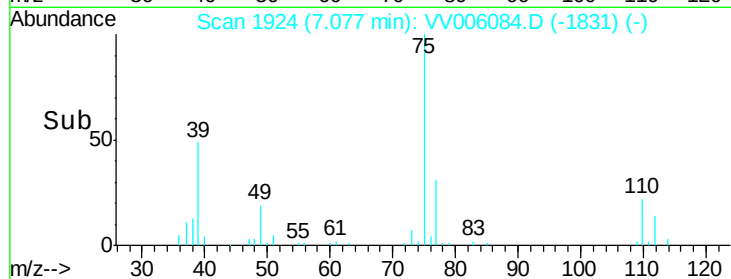
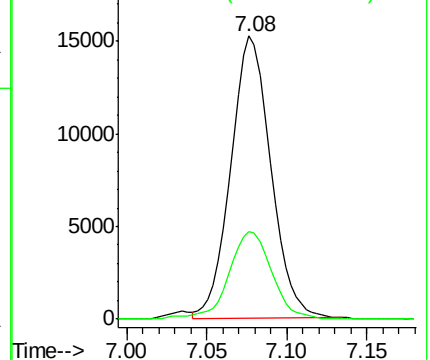
75 100

77 31.0 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#40

4-Methyl-2-pentanone

Concen: 20.27 ug/L

RT: 7.29 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

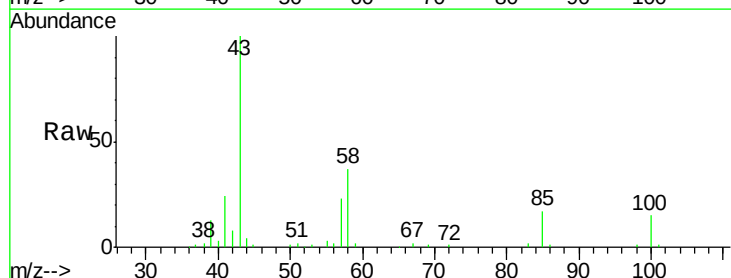
Tgt Ion: 43 Resp: 51693

Ion Ratio Lower Upper

43 100

58 36.7 30.3 45.5

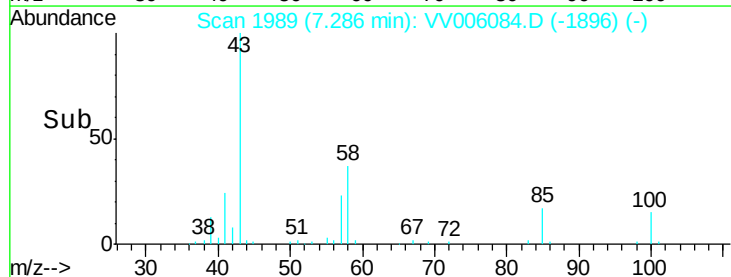
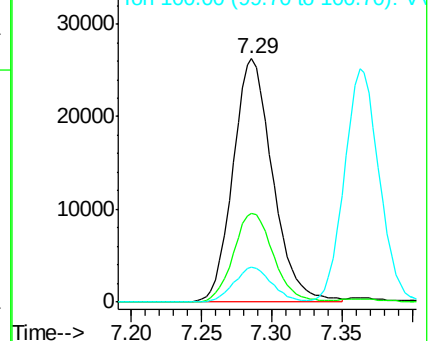
100 13.8 11.2 16.8

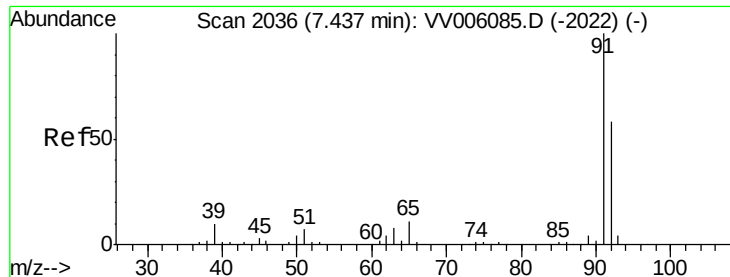


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#42

Toluene

Concen: 10.19 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006084.D

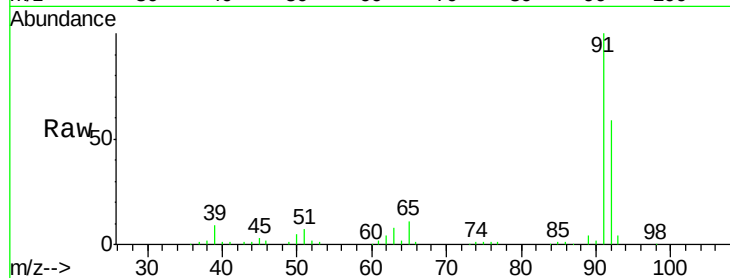
Acq: 27 May 2018 13:54

Tgt Ion: 91 Resp: 75621

Ion Ratio Lower Upper

91 100

92 59.0 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV006084.D (-2025) (-)

Ion 92.00 (91.70 to 92.70): VV006084.D (-2025) (-)

7.44

50000

40000

30000

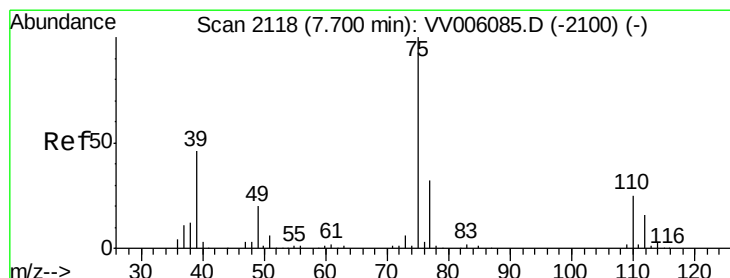
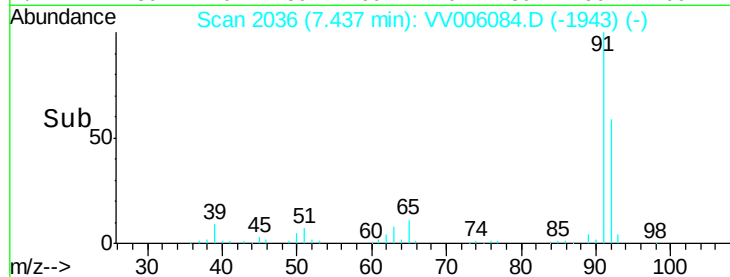
20000

10000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 9.26 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006084.D

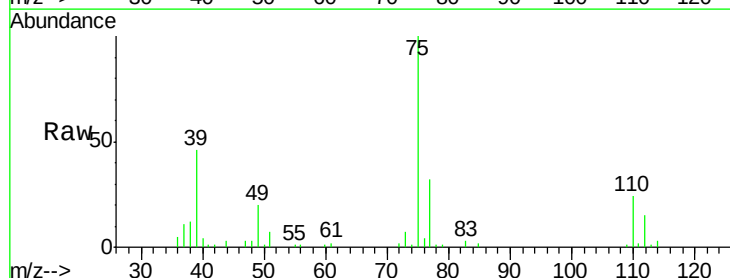
Acq: 27 May 2018 13:54

Tgt Ion: 75 Resp: 24344

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV006084.D (-2025) (-)

Ion 77.00 (76.70 to 77.70): VV006084.D (-2025) (-)

7.70

15000

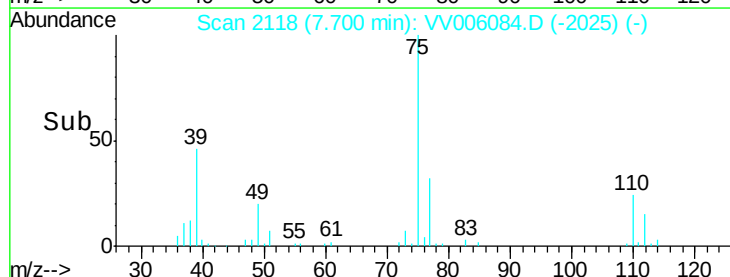
10000

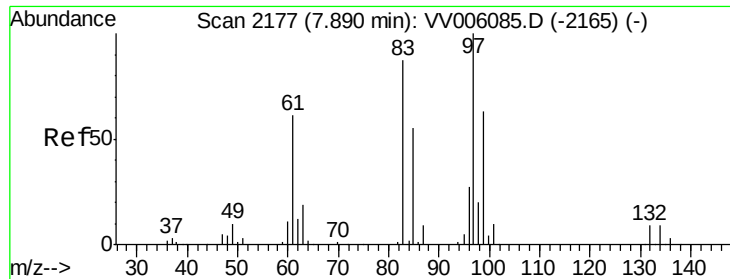
5000

0

Time-->

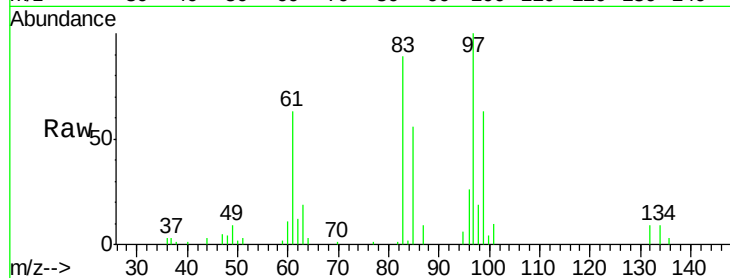
7.65 7.70 7.75





#45
 1,1,2-Trichloroethane
 Concen: 10.34 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

Tgt Ion:	97	Resp:	18804
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	88.5	61.0	113.4
85	55.9	38.6	71.6

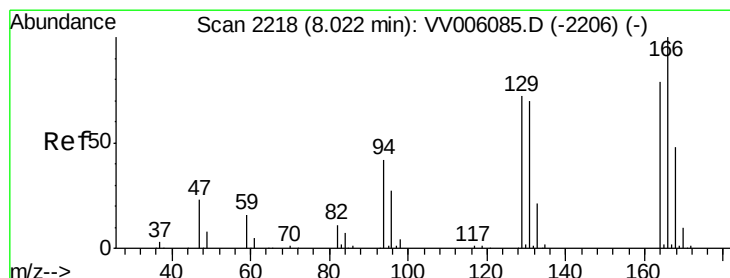
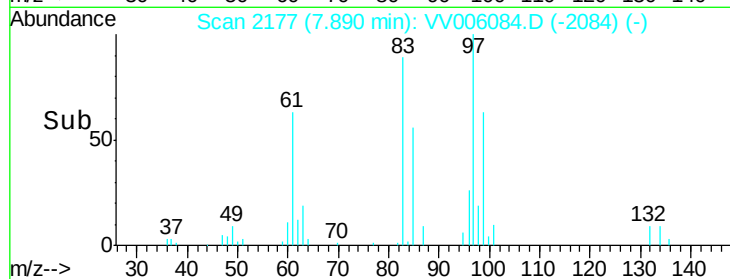
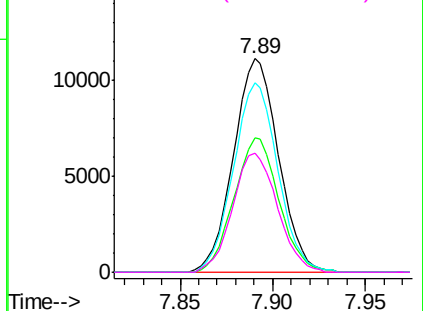


Abundance Ion 97.00 (96.70 to 97.70): VV006084.D (-2084) (-)

Ion 99.00 (98.70 to 99.70): VV006084.D (-2084) (-)

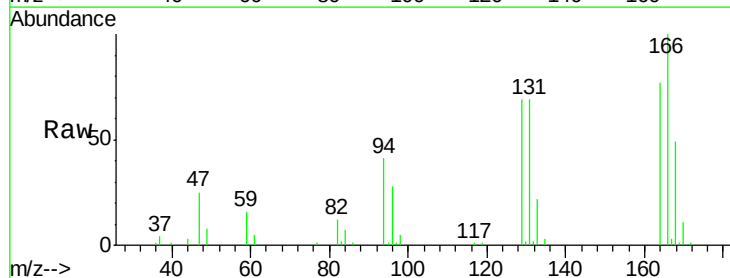
Ion 83.00 (82.70 to 83.70): VV006084.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006084.D (-2084) (-)



#46
 Tetrachloroethene
 Concen: 10.83 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

Tgt Ion:	164	Resp:	15303
Ion	Ratio	Lower	Upper
164	100		
129	89.8	63.9	118.7
131	89.8	61.6	114.4
166	129.5	88.3	164.1

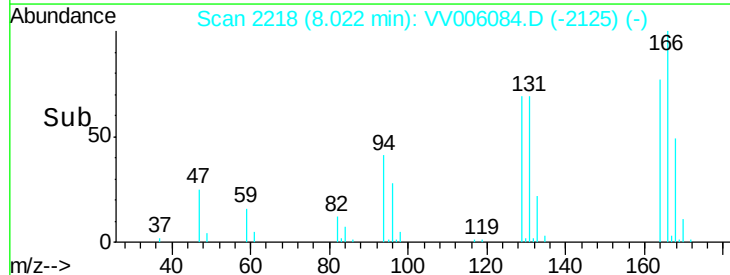
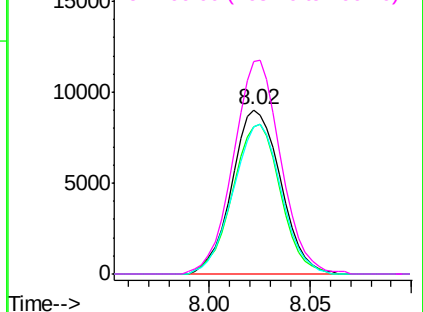


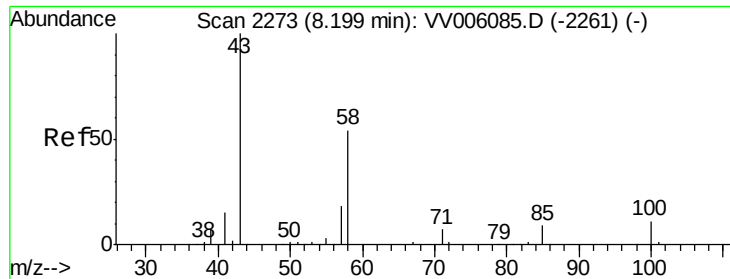
Abundance Ion 164.00 (163.70 to 164.70): VV006084.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VV006084.D (-2125) (-)

Ion 131.00 (130.70 to 131.70): VV006084.D (-2125) (-)

Ion 166.00 (165.70 to 166.70): VV006084.D (-2125) (-)

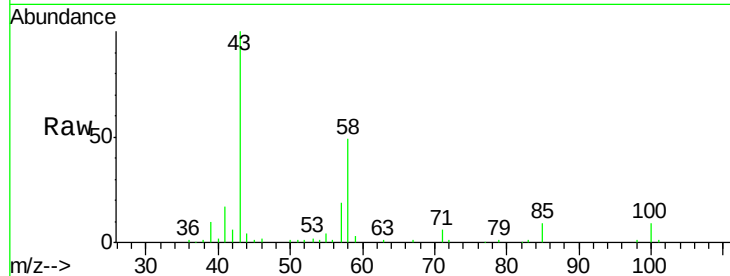




#48
2-Hexanone
Concen: 20.90 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion: 43 Resp: 41667

Ion	Ratio	Lower	Upper
43	100		
58	50.6	42.2	63.4
57	18.0	14.5	21.7
100	10.5	8.7	13.1

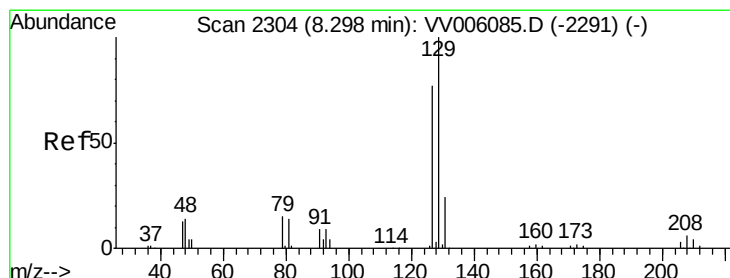
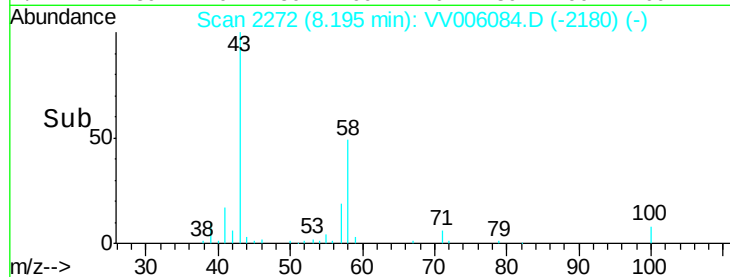
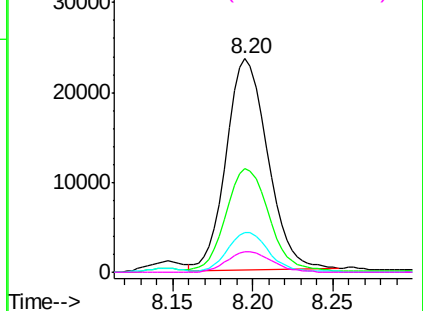


Abundance Ion 43.00 (42.70 to 43.70): VV006084.D (-2180) (-)

Ion 58.00 (57.70 to 58.70): VV006084.D (-2180) (-)

Ion 57.00 (56.70 to 57.70): VV006084.D (-2180) (-)

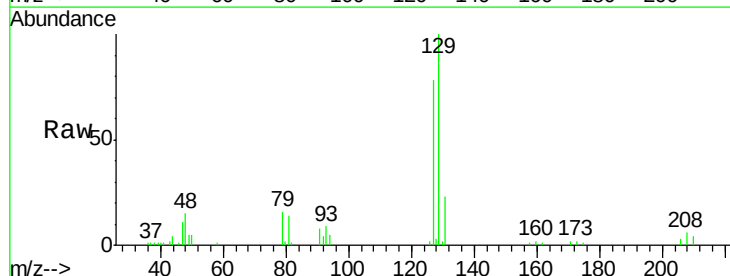
Ion 100.00 (99.70 to 100.70): VV006084.D (-2180) (-)



#49
Dibromochloromethane
Concen: 9.60 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

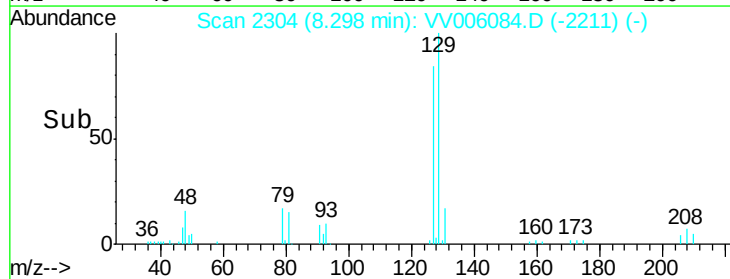
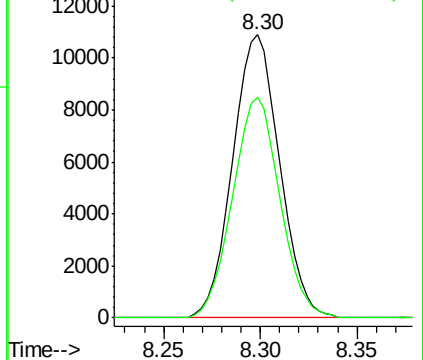
Tgt Ion: 129 Resp: 18409

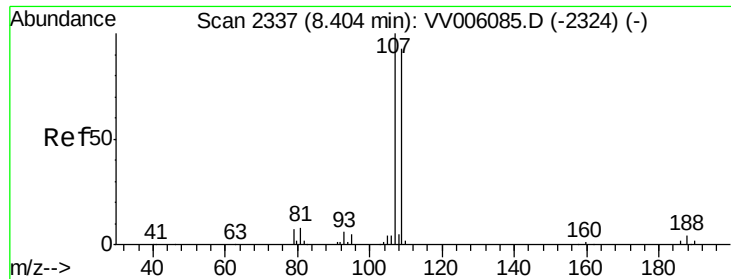
Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.1	100.5



Abundance Ion 129.00 (128.70 to 129.70): VV006084.D (-2211) (-)

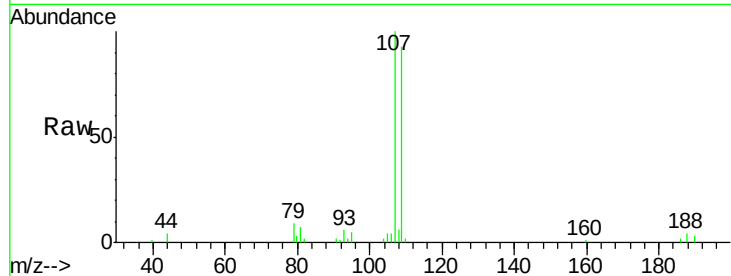
Ion 127.00 (126.70 to 127.70): VV006084.D (-2211) (-)



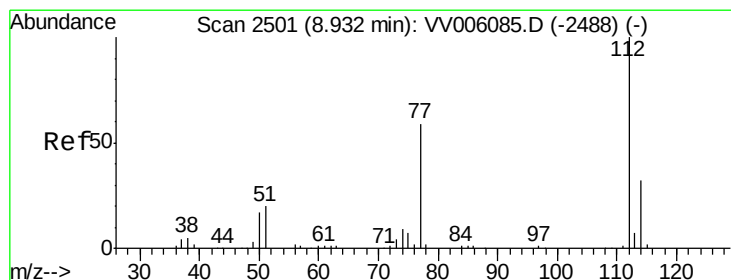
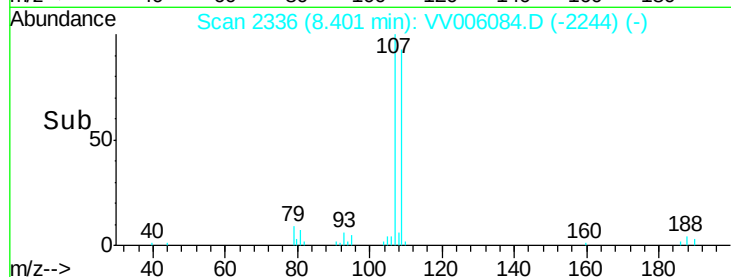
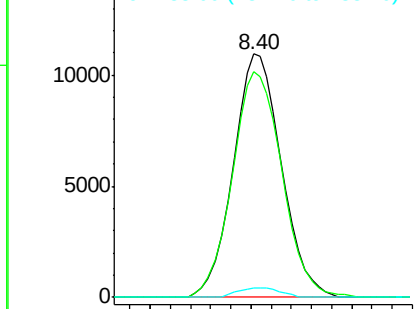


#50
1,2-Dibromoethane
Concen: 9.77 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.6	64.8	120.4
188	3.8	3.1	4.7

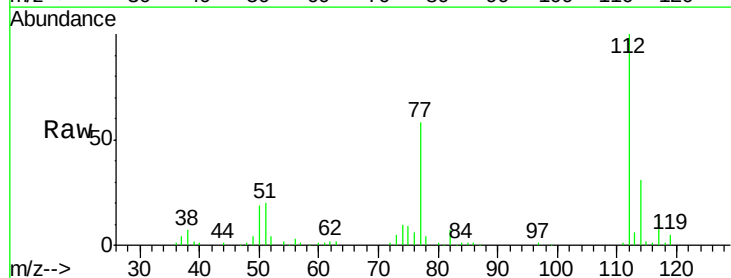


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

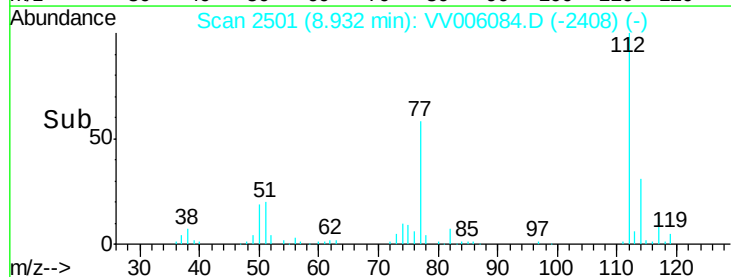
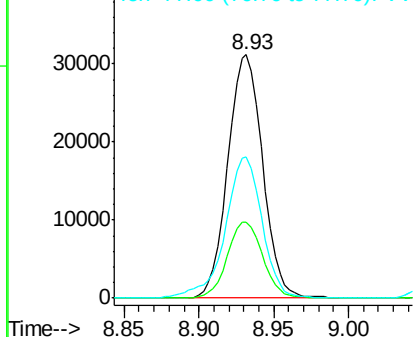


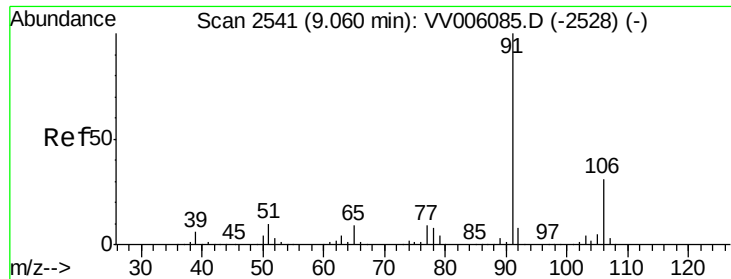
#51
Chlorobenzene
Concen: 10.20 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.6	42.0
77	57.9	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): VV0





#52

Ethylbenzene

Concen: 9.72 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006084.D

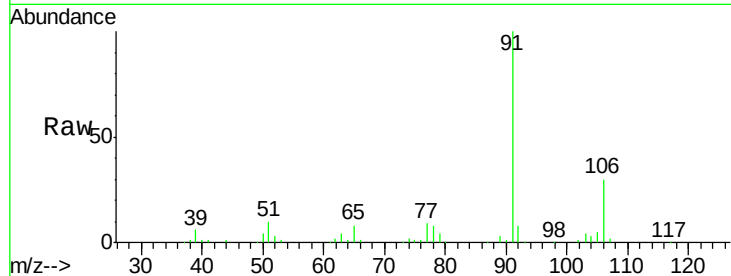
Acq: 27 May 2018 13:54

Tgt Ion: 91 Resp: 79098

Ion Ratio Lower Upper

91 100

106 29.9 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV006085.D (-2528) (-)

Ion 106.00 (105.70 to 106.70): VV006085.D (-2528) (-)

9.06

60000

50000

40000

30000

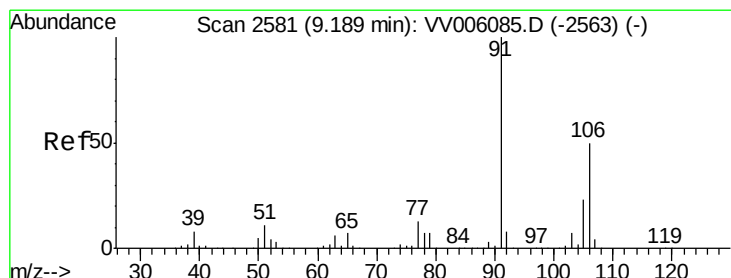
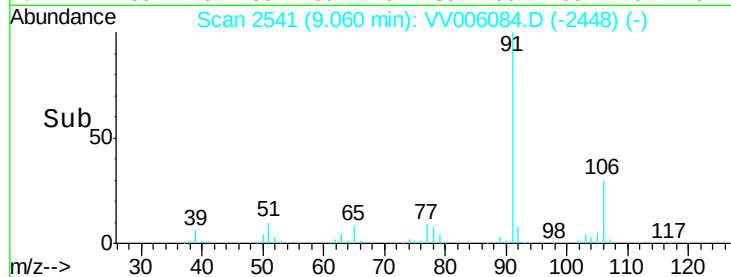
20000

10000

0

Time-->

9.00 9.05 9.10



#53

m,p-Xylene

Concen: 9.61 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006084.D

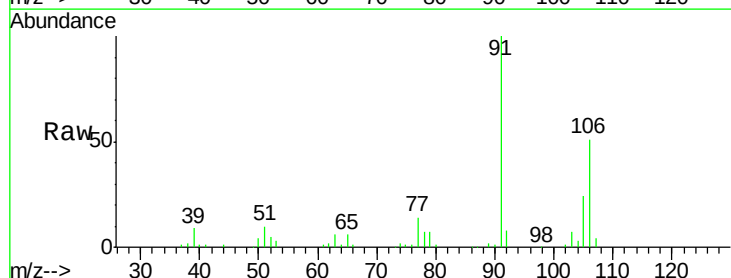
Acq: 27 May 2018 13:54

Tgt Ion: 106 Resp: 29043

Ion Ratio Lower Upper

106 100

91 197.1 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): VV006085.D (-2563) (-)

Ion 91.00 (90.70 to 91.70): VV006085.D (-2563) (-)

9.19

40000

30000

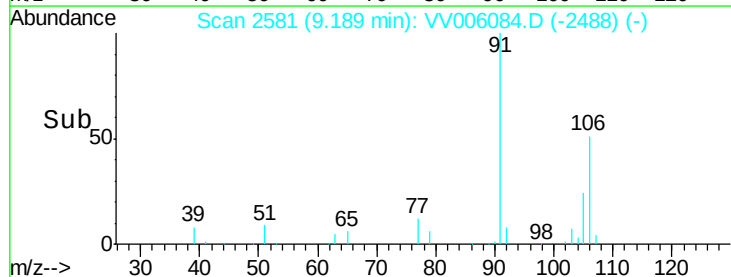
20000

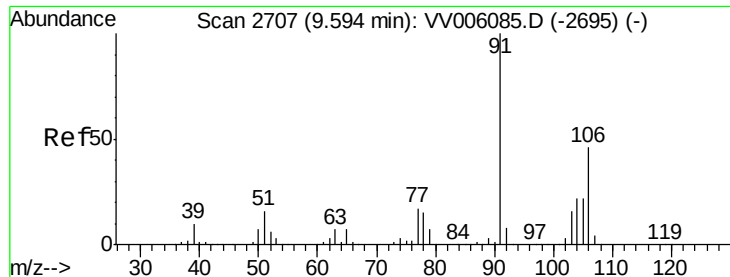
10000

0

Time-->

9.15 9.20 9.25





#54

o-xylene

Concen: 9.92 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006084.D

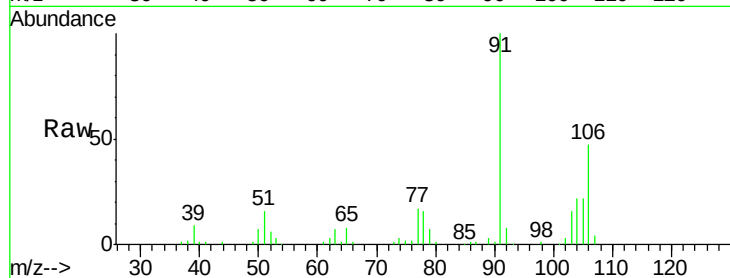
Acq: 27 May 2018 13:54

Tgt Ion:106 Resp: 29517

Ion Ratio Lower Upper

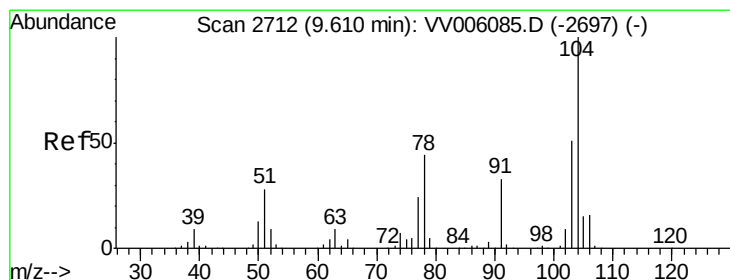
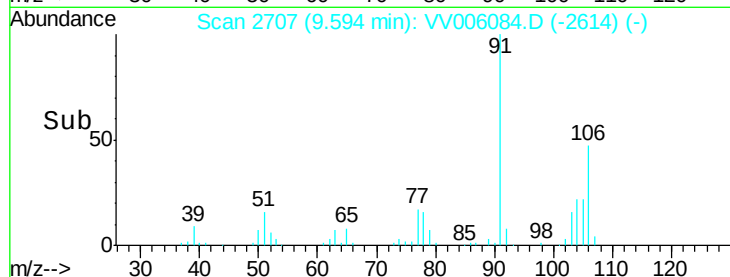
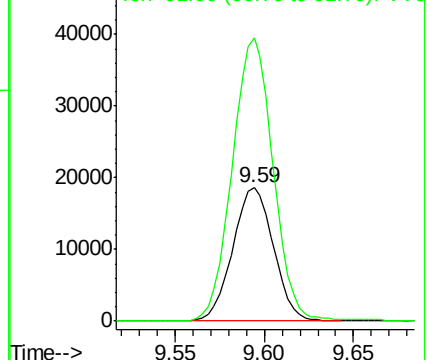
106 100

91 211.9 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 9.20 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006084.D

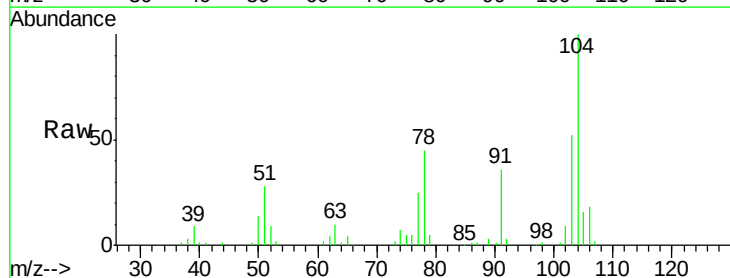
Acq: 27 May 2018 13:54

Tgt Ion:104 Resp: 46952

Ion Ratio Lower Upper

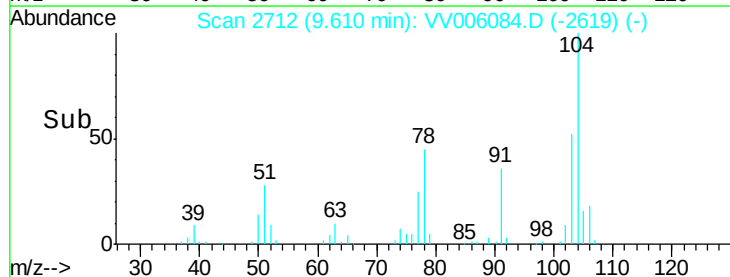
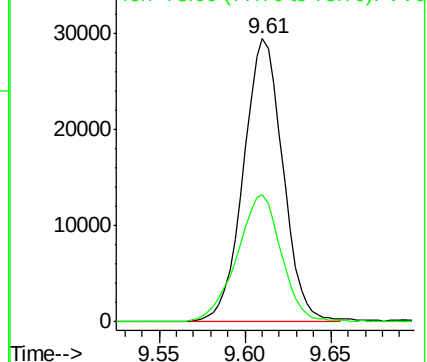
104 100

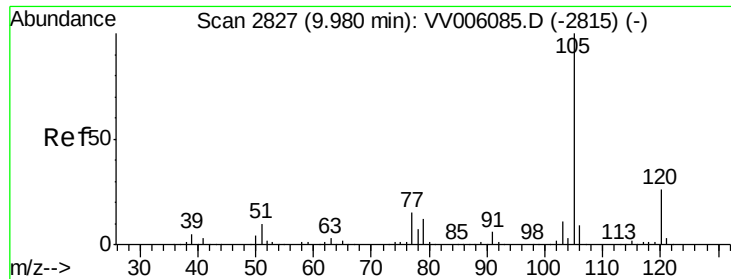
78 45.0 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 9.18 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

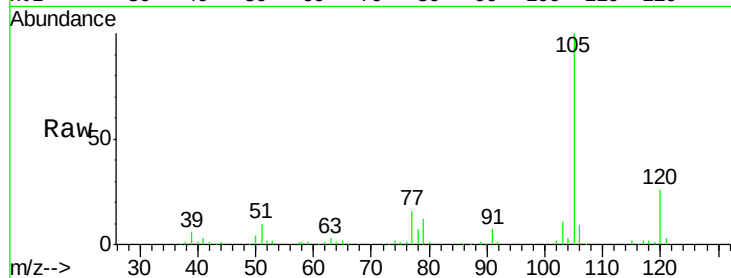
Tgt Ion: 105 Resp: 72893

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

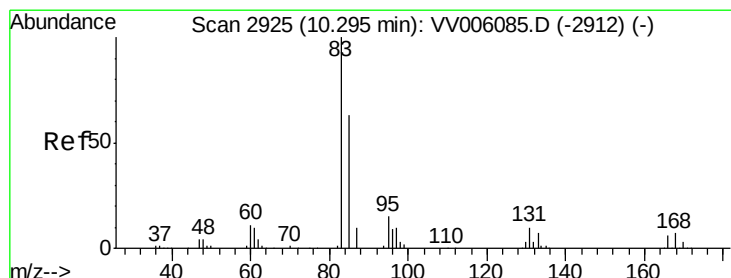
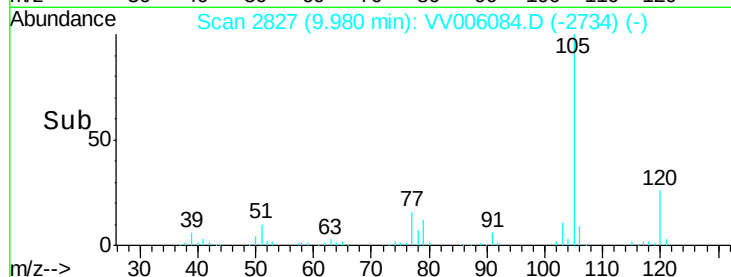
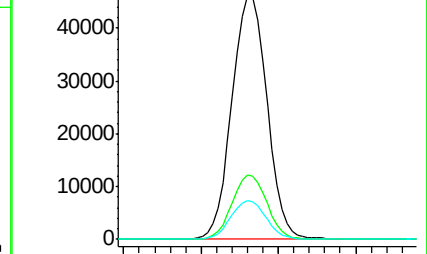
77 16.0 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006084.D (-2815) (-)

Ion 120.00 (119.70 to 120.70): VV006084.D (-2815) (-)

Ion 77.00 (76.70 to 77.70): VV006084.D (-2815) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 10.73 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006084.D

Acq: 27 May 2018 13:54

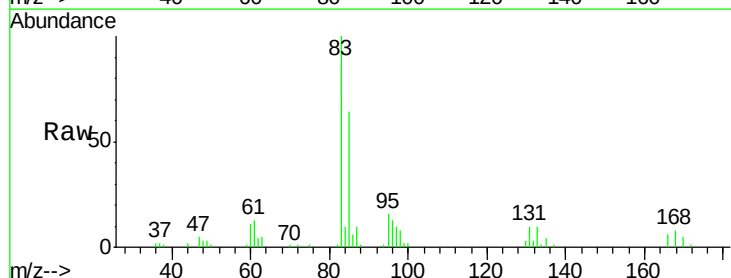
Tgt Ion: 83 Resp: 32579

Ion Ratio Lower Upper

83 100

85 64.2 44.6 82.8

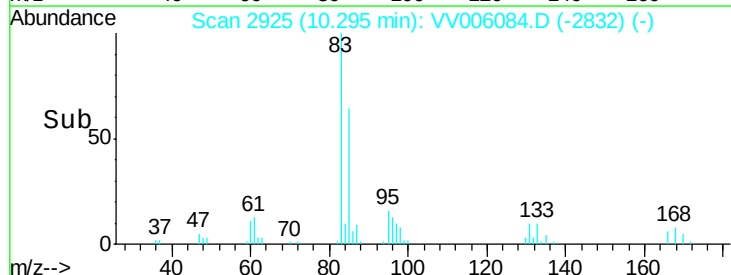
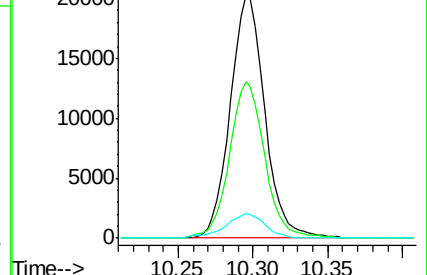
131 10.1 7.9 11.9

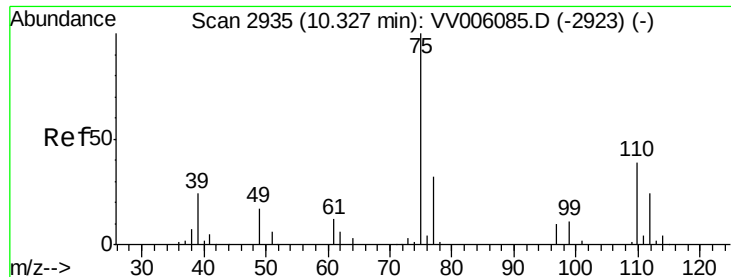


Abundance Ion 83.00 (82.70 to 83.70): VV006084.D (-2832) (-)

Ion 85.00 (84.70 to 85.70): VV006084.D (-2832) (-)

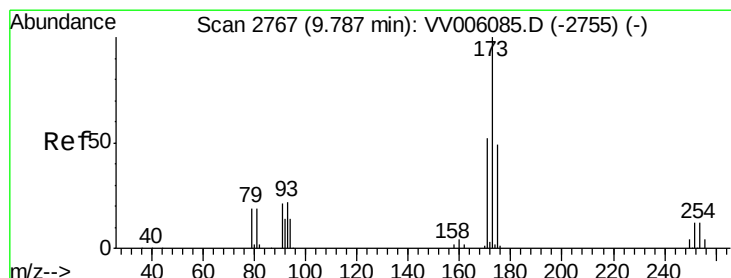
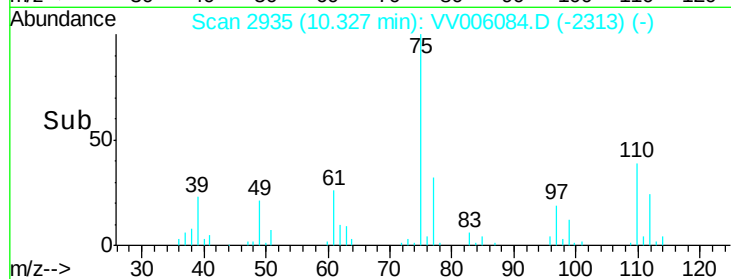
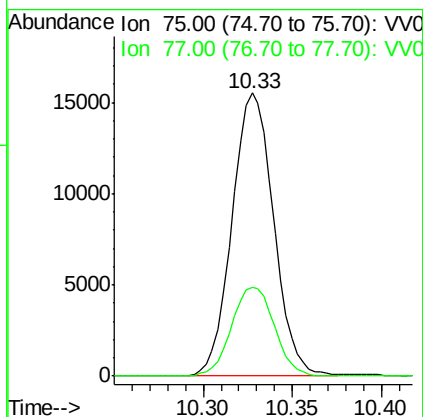
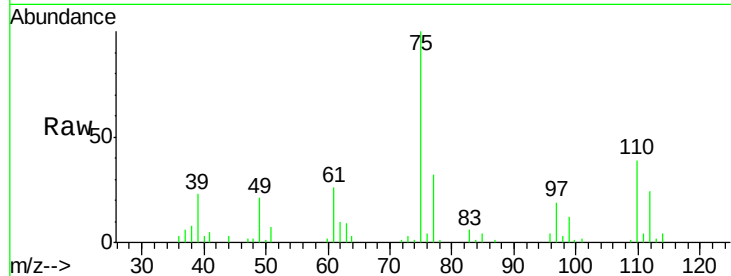
Ion 131.00 (130.70 to 131.70): VV006084.D (-2832) (-)





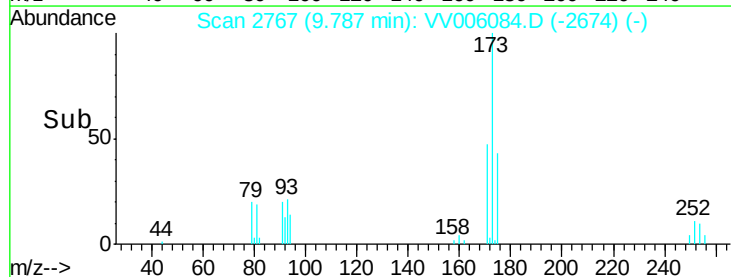
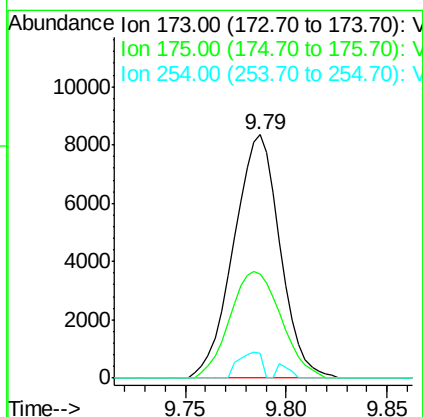
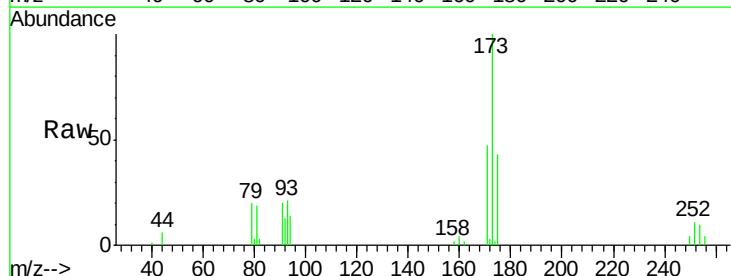
#59
 1,2,3-Trichloropropane
 Concen: 10.28 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

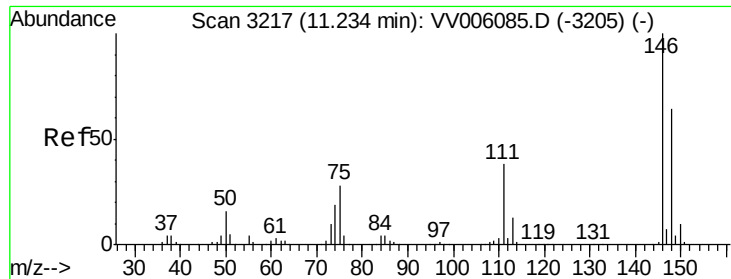
Tgt Ion: 75 Resp: 25207
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8



#61
 Bromoform
 Concen: 10.49 ug/L
 RT: 9.79 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

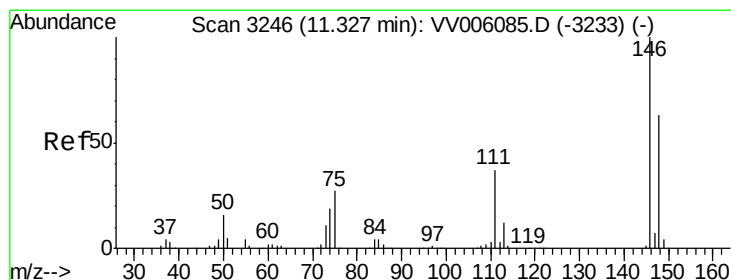
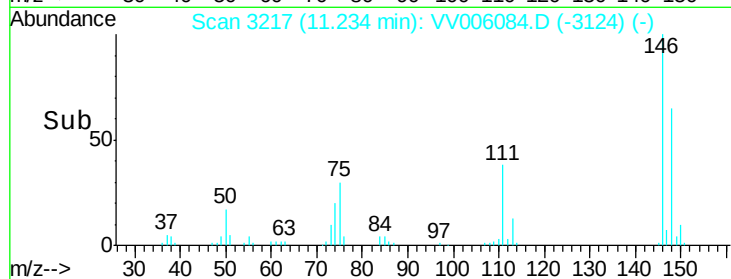
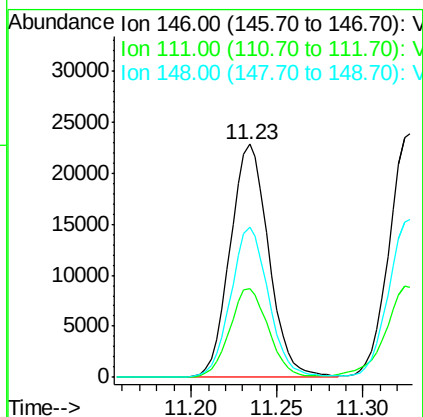
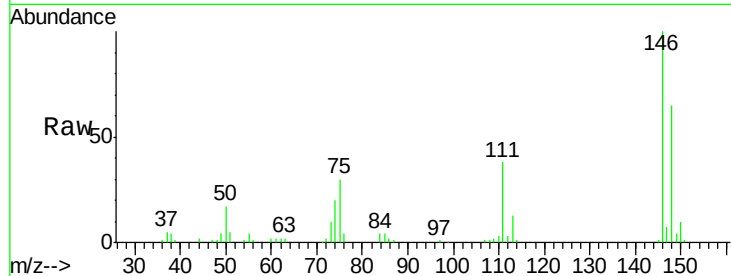
Tgt Ion: 173 Resp: 13446
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.6 57.8
 254 5.4 8.8 13.2#





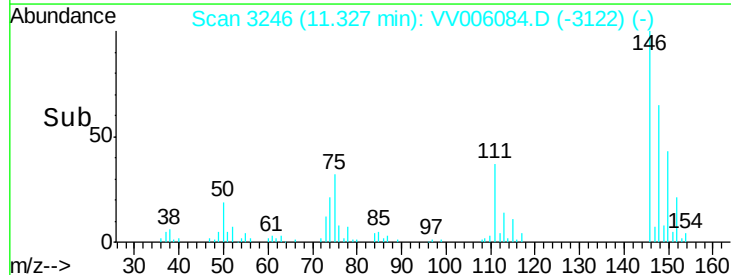
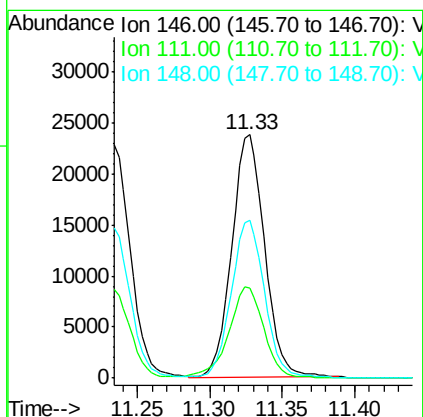
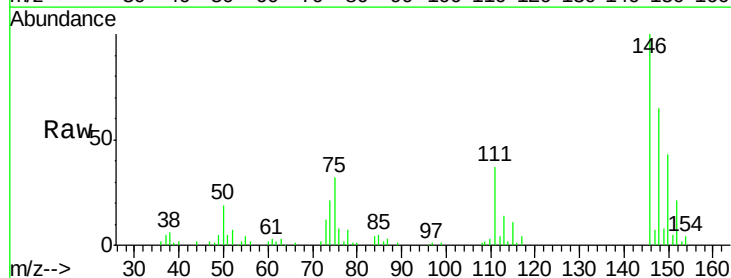
#62
 1,3-Dichlorobenzene
 Concen: 10.04 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

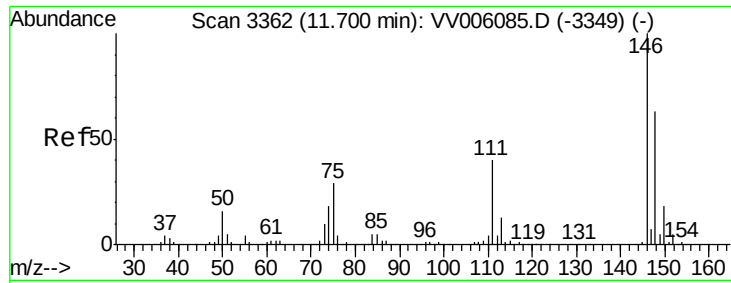
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	26.9	49.9
148	64.6	44.9	83.5



#63
 1,4-Dichlorobenzene
 Concen: 10.04 ug/L
 RT: 11.33 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

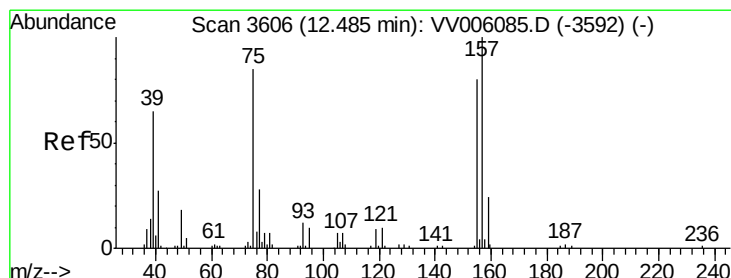
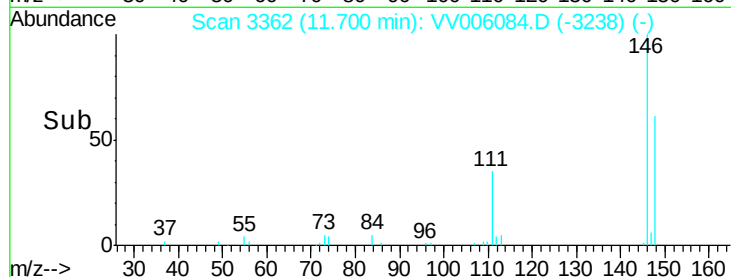
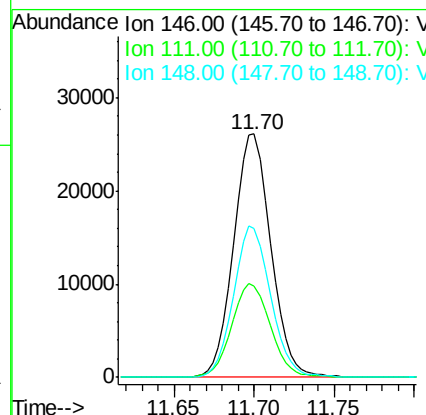
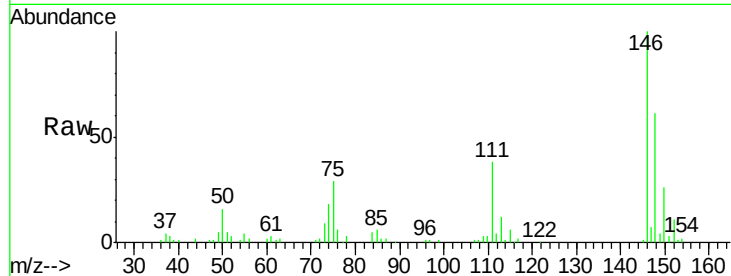
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.0	48.4
148	64.6	44.4	82.5





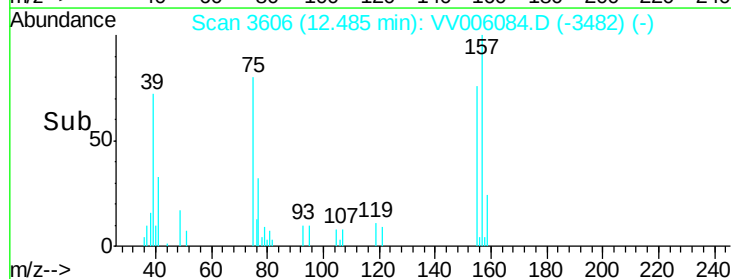
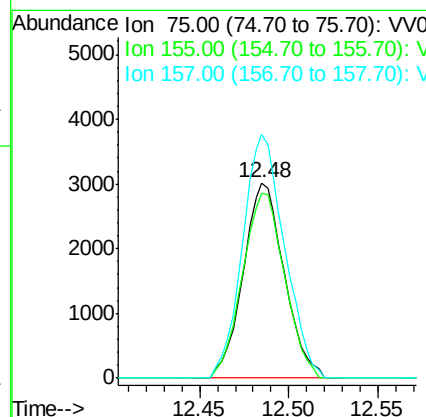
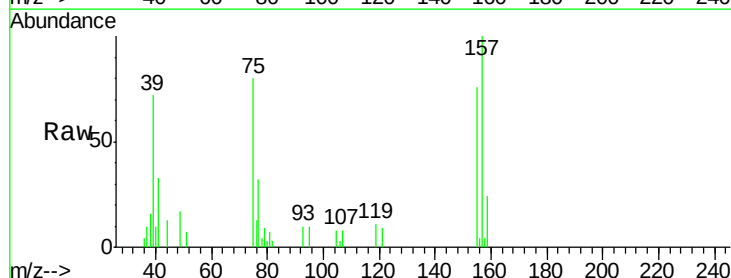
#65
 1,2-Dichlorobenzene
 Concen: 10.86 ug/L
 RT: 11.70 min Scan# 3362
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

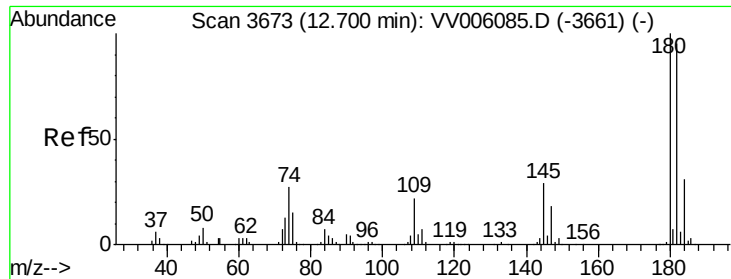
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	31.8	47.8
148	61.2	50.6	76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 7.90 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

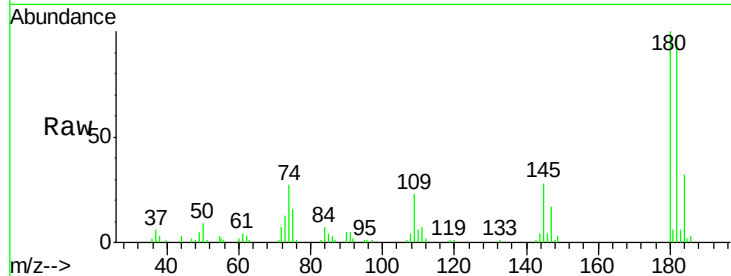
Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	75.9	113.9
157	124.9	94.6	141.8



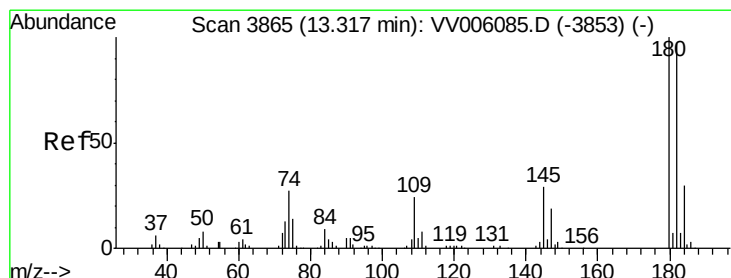
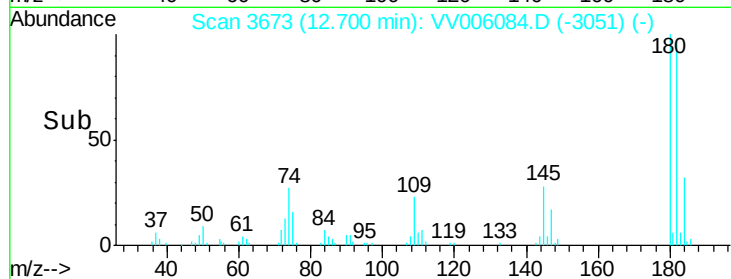
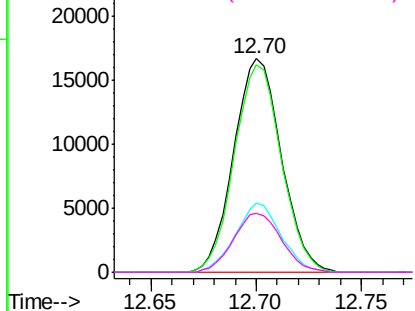


#67
 1,3,5-Trichlorobenzene
 Concen: 10.16 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

Tgt Ion:180 Resp: 26208
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 184 31.0 24.6 37.0
 145 27.8 22.5 33.7

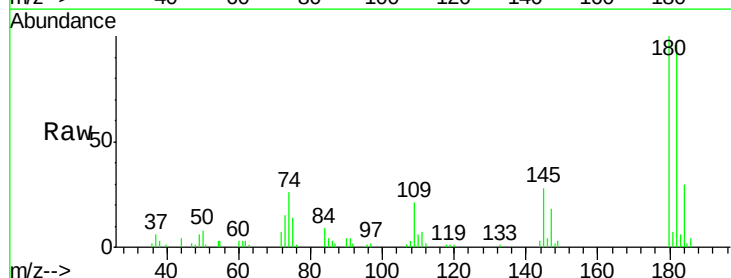


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

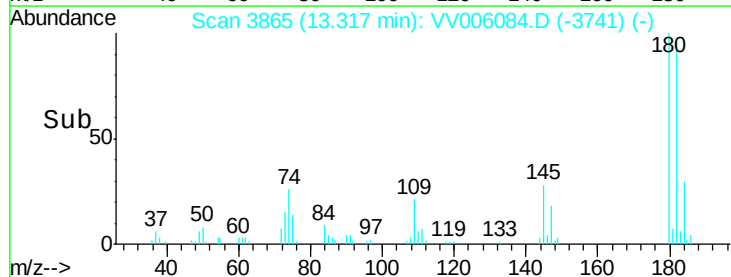
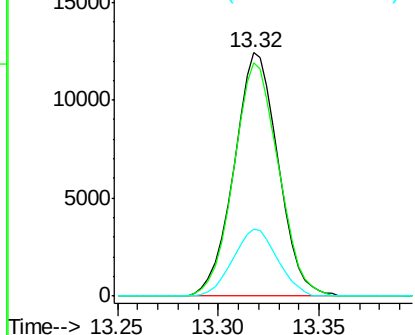


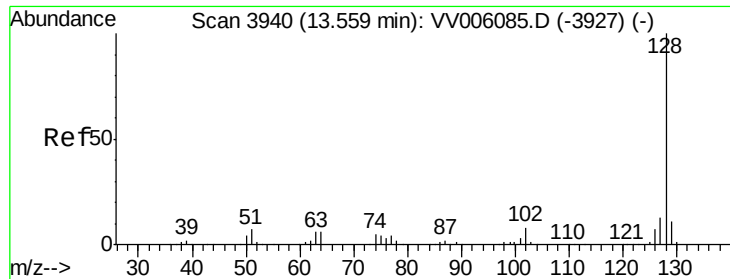
#68
 1,2,4-trichlorobenzene
 Concen: 9.05 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006084.D
 Acq: 27 May 2018 13:54

Tgt Ion:180 Resp: 19031
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 145 27.6 23.0 34.6



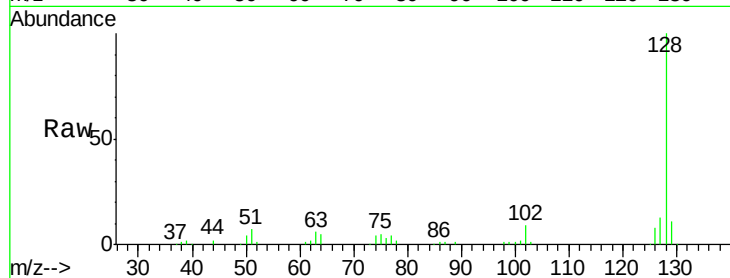
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



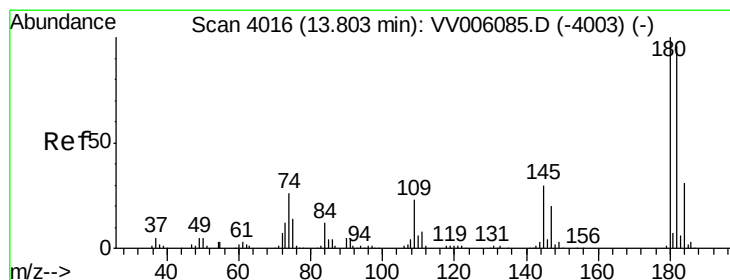
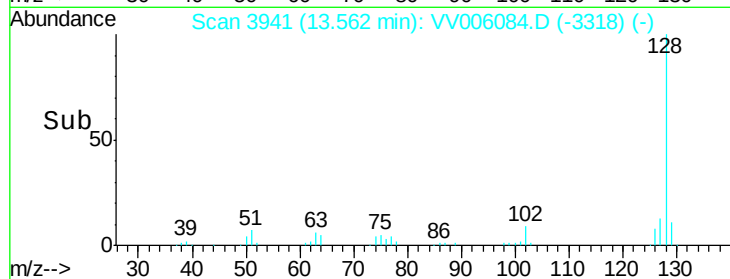
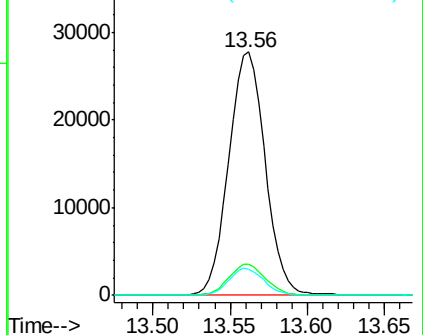


#69
Naphthalene
Concen: 7.16 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion:128 Resp: 45448
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.7 13.1

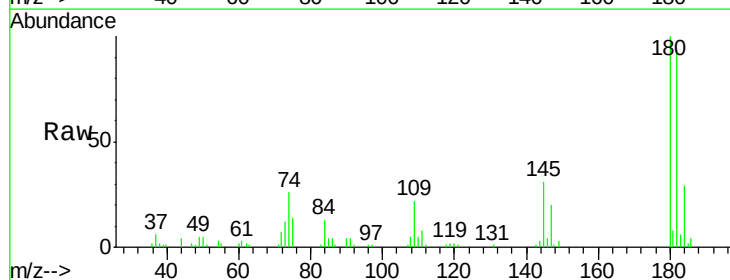


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 9.15 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006084.D
Acq: 27 May 2018 13:54

Tgt Ion:180 Resp: 21106
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.8
145 30.6 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

