

Data File : VV006042.D
Acq On : 25 May 2018 21:04
Operator : SY/MD
Sample : VSTD01062
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 00:54:48 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181173	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12525	9.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	9186	10.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23446	9.96	ug/L	0.00
21) 2-Butanone-d5	3.95	46	13845	19.08	ug/L	0.00
24) Chloroform-d	4.41	84	23741	9.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15371	9.77	ug/L	0.00
32) Benzene-d6	5.11	84	43855	9.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14047	9.98	ug/L	0.00
41) Toluene-d8	7.37	98	38955	9.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6011	8.82	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9502	16.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19098	9.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	14130	9.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	16402	10.19	ug/L	91
3) Chloromethane	1.26	50	18586	11.28	ug/L	96
5) Vinyl chloride	1.32	62	16679	10.86	ug/L	97
6) Bromomethane	1.53	94	8337	11.99	ug/L	96
8) Chloroethane	1.60	64	9420	10.72	ug/L	99
9) Trichlorofluoromethane	1.77	101	22480	10.69	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12573	10.56	ug/L	99
12) 1,1-Dichloroethene	2.14	96	11682	10.73	ug/L	100
13) Acetone	2.19	43	15849	22.28	ug/L	99
14) Carbon disulfide	2.32	76	33303	10.35	ug/L	99
15) Methyl Acetate	2.46	43	16874	11.27	ug/L	96
16) Methylene chloride	2.54	84	13931	10.73	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	12551	10.78	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	42287	10.66	ug/L	98
19) 1,1-Dichloroethane	3.23	63	25727	10.66	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	14660	10.37	ug/L	97
22) 2-Butanone	4.04	43	21875	20.64	ug/L	96
23) Bromochloromethane	4.31	128	7437	10.68	ug/L	97
25) Chloroform	4.44	83	26955	10.60	ug/L	97
27) 1,2-Dichloroethane	5.19	62	22633	11.01	ug/L	99
29) Cyclohexane	4.73	56	20379	9.89	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	22908	10.48	ug/L	98
31) Carbon tetrachloride	4.88	117	19541	10.20	ug/L	99
33) Benzene	5.15	78	54255	10.23	ug/L	100
34) Trichloroethene	5.96	95	13947	10.52	ug/L	98
35) Methylcyclohexane	6.18	83	20230	9.48	ug/L	99
37) 1,2-Dichloropropane	6.23	63	14909	10.60	ug/L	99
38) Bromodichloromethane	6.56	83	18458	10.09	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	19793	9.33	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	37341	19.46	ug/L	98

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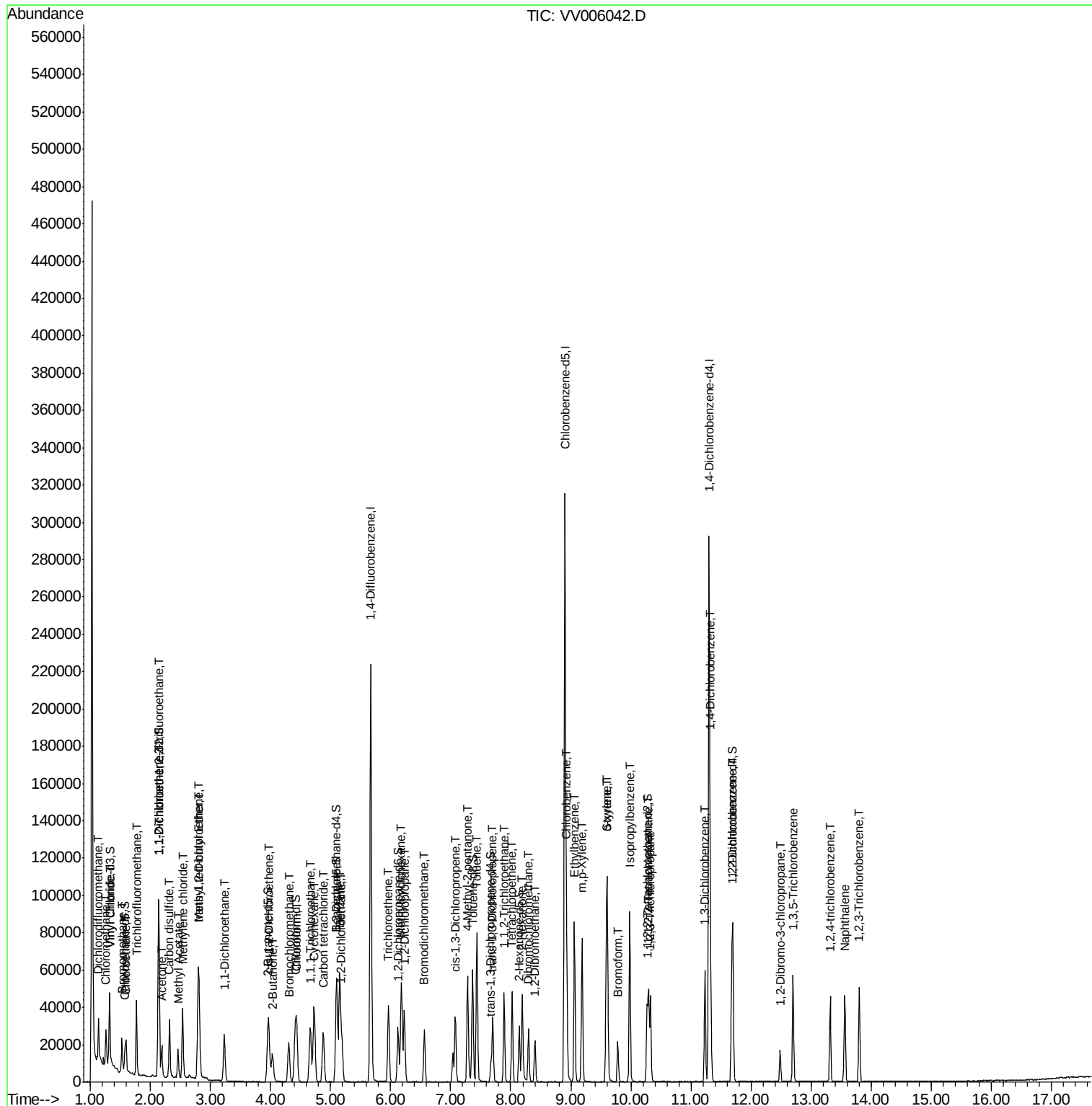
Quant Time: May 26 00:54:48 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
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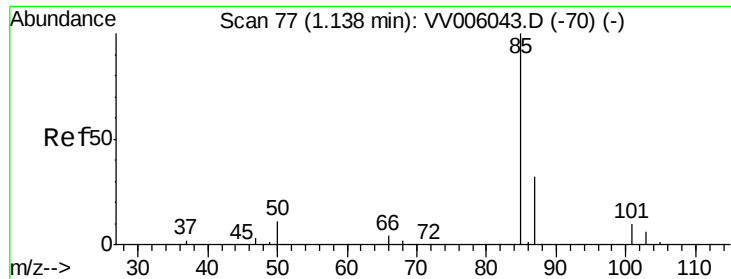
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	56292	10.08	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	18578	9.23	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	14163	10.68	ug/L	95
46) Tetrachloroethene	8.03	164	10458	10.61	ug/L	92
48) 2-Hexanone	8.19	43	27798	18.99	ug/L	96
49) Dibromochloromethane	8.30	129	14254	9.85	ug/L	96
50) 1,2-Dibromoethane	8.40	107	14194	10.35	ug/L	98
51) Chlorobenzene	8.93	112	38267	10.62	ug/L	98
52) Ethylbenzene	9.06	91	57583	9.29	ug/L	98
53) m,p-Xylene	9.19	106	20995	9.09	ug/L	99
54) o-xylene	9.59	106	21203	9.12	ug/L	97
55) Styrene	9.61	104	35176	8.81	ug/L	99
56) Isopropylbenzene	9.98	105	55090	8.94	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	22711	10.32	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	18886	10.50	ug/L	98
61) Bromoform	9.78	173	9031	10.52	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	24515	10.49	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	25416	10.44	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	27356	10.76	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4469	10.58	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	16630	9.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	13072	9.30	ug/L	100
69) Naphthalene	13.56	128	36852	7.77	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	15066	9.72	ug/L	96

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

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#2

Dichlorodifluoromethane

Concen: 10.19 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006042.D

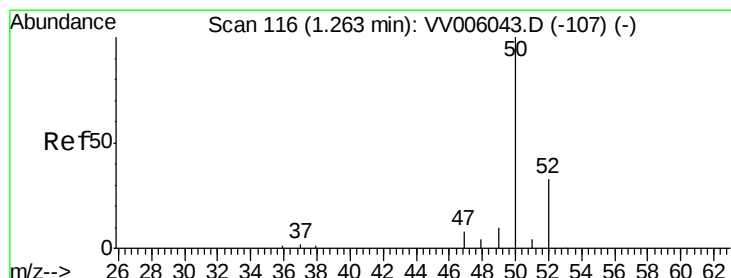
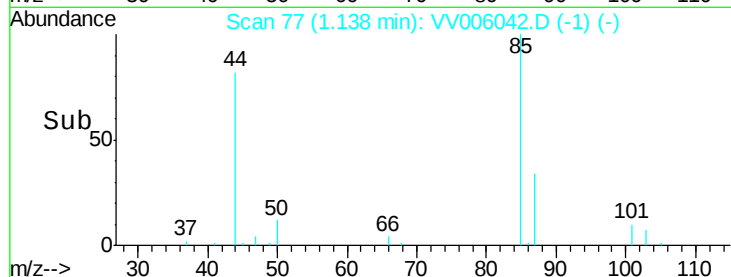
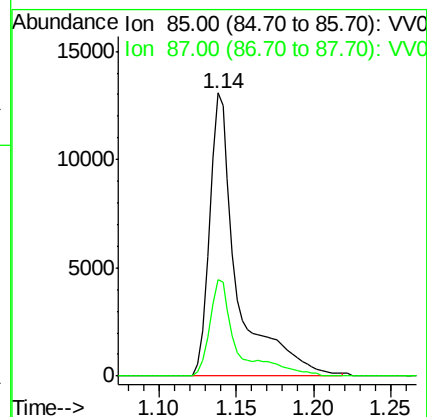
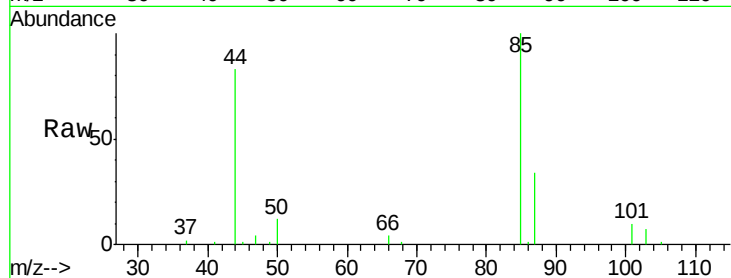
Acq: 25 May 2018 21:04

Tgt Ion: 85 Resp: 16402

Ion Ratio Lower Upper

85 100

87 27.3 25.7 38.5



#3

Chloromethane

Concen: 11.28 ug/L

RT: 1.26 min Scan# 116

Delta R.T. 0.00 min

Lab File: VV006042.D

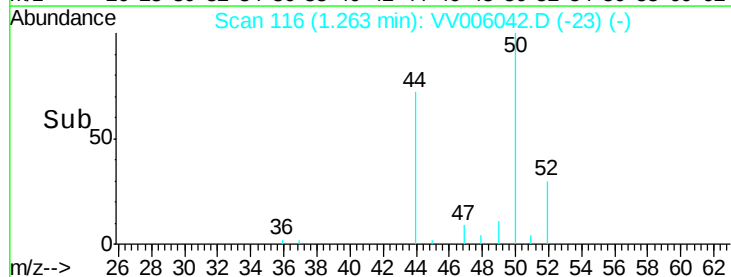
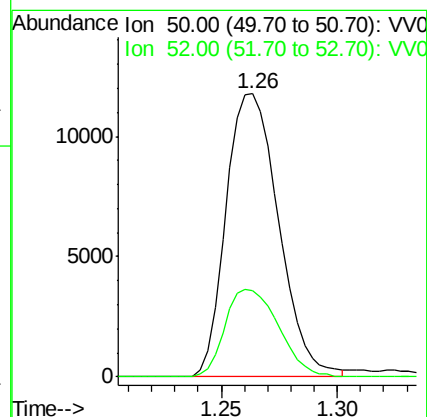
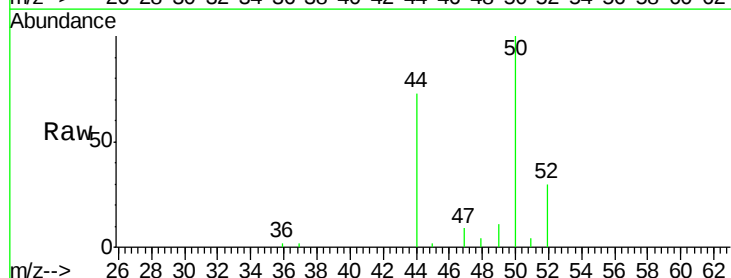
Acq: 25 May 2018 21:04

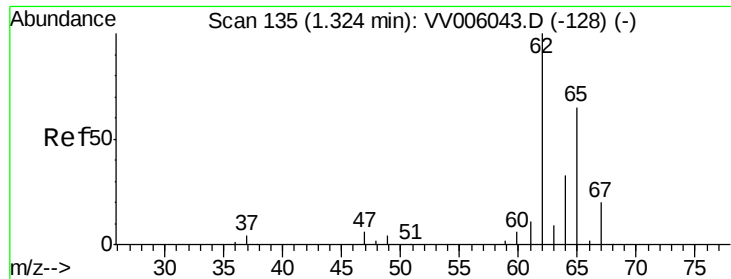
Tgt Ion: 50 Resp: 18586

Ion Ratio Lower Upper

50 100

52 30.3 22.7 42.3





#5

Vinyl chloride

Concen: 10.86 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006042.D

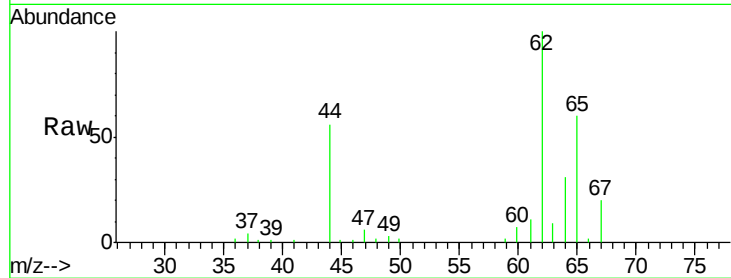
Acq: 25 May 2018 21:04

Tgt Ion: 62 Resp: 16679

Ion Ratio Lower Upper

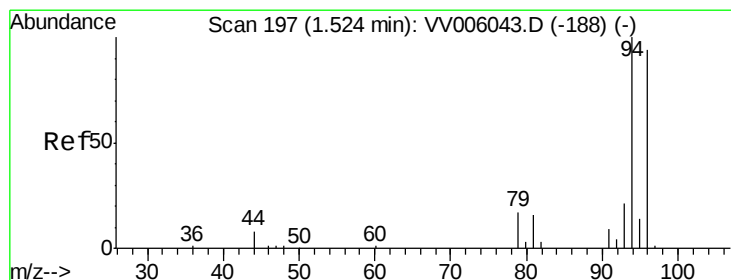
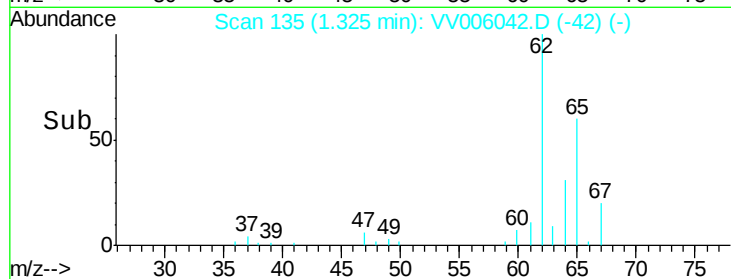
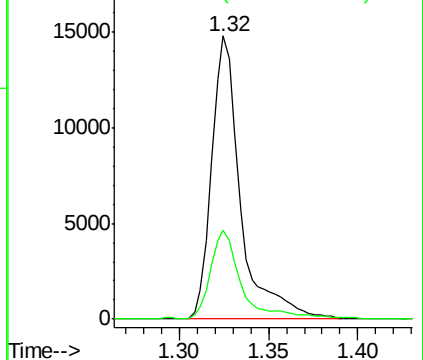
62 100

64 31.3 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: 11.99 ug/L

RT: 1.53 min Scan# 198

Delta R.T. 0.00 min

Lab File: VV006042.D

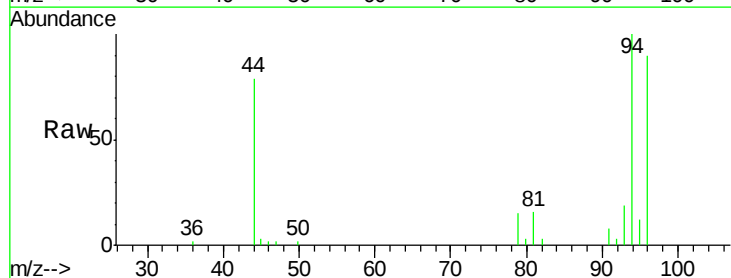
Acq: 25 May 2018 21:04

Tgt Ion: 94 Resp: 8337

Ion Ratio Lower Upper

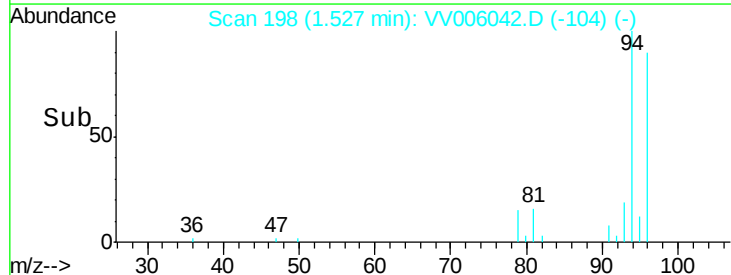
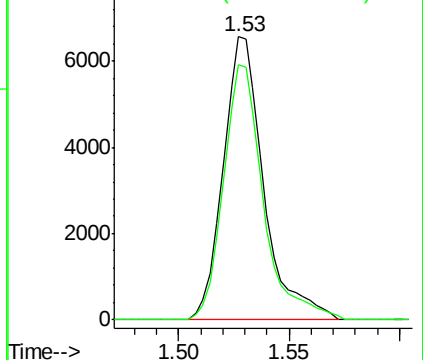
94 100

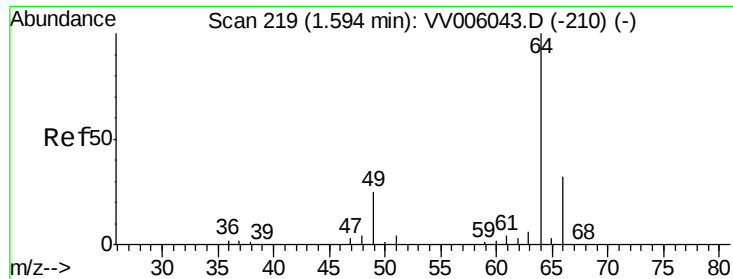
96 90.1 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 10.72 ug/L

RT: 1.60 min Scan# 220

Delta R.T. 0.00 min

Lab File: VV006042.D

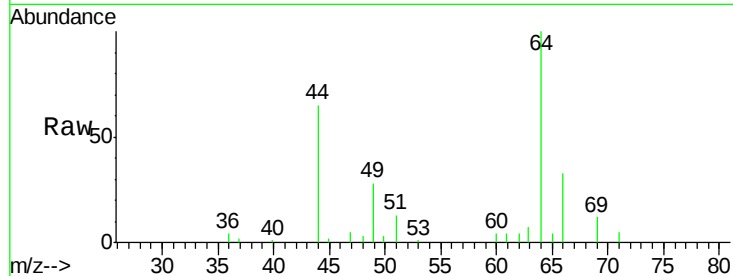
Acq: 25 May 2018 21:04

Tgt Ion: 64 Resp: 9420

Ion Ratio Lower Upper

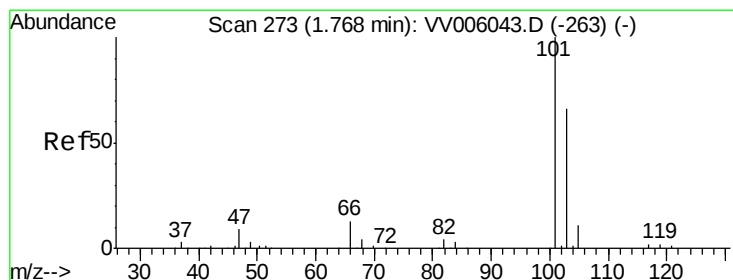
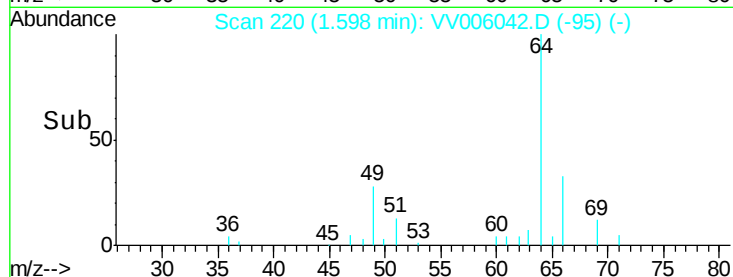
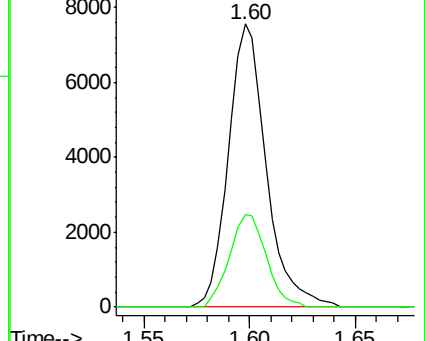
64 100

66 32.8 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#9

Trichlorofluoromethane

Concen: 10.69 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006042.D

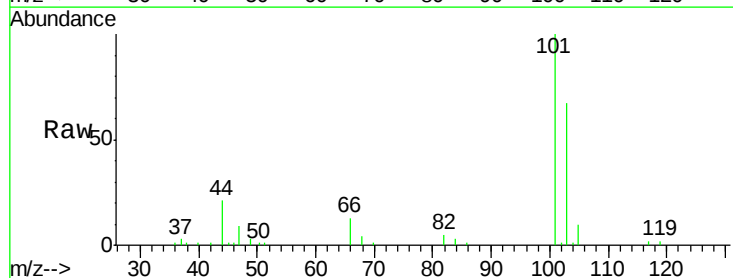
Acq: 25 May 2018 21:04

Tgt Ion: 101 Resp: 22480

Ion Ratio Lower Upper

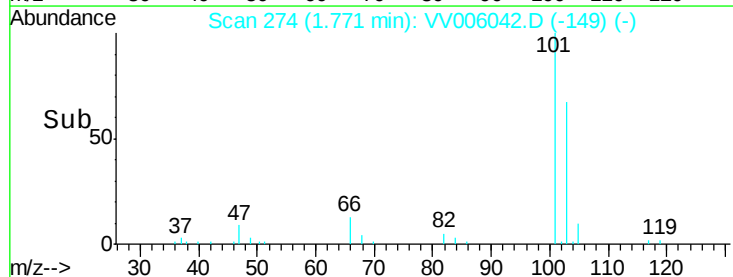
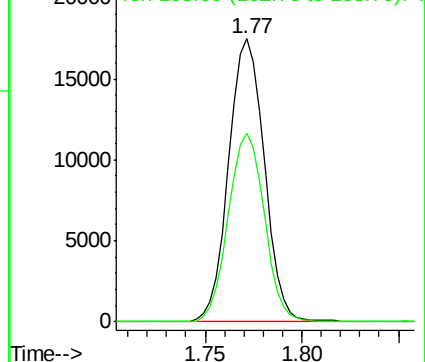
101 100

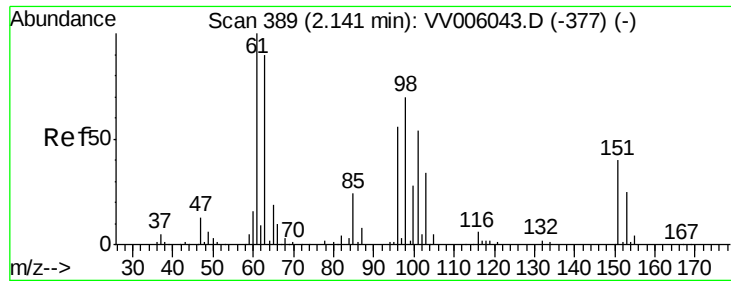
103 66.8 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 10.56 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

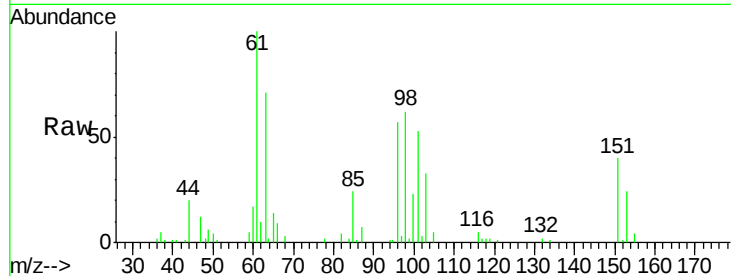
Tgt Ion: 101 Resp: 12573

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

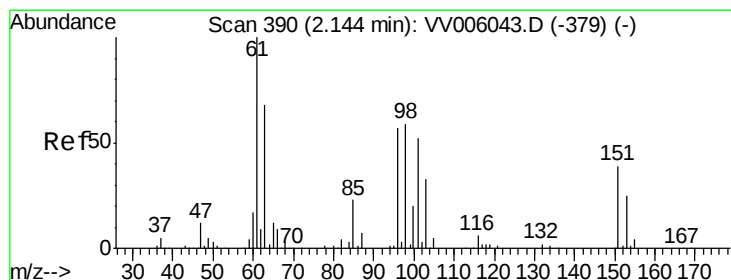
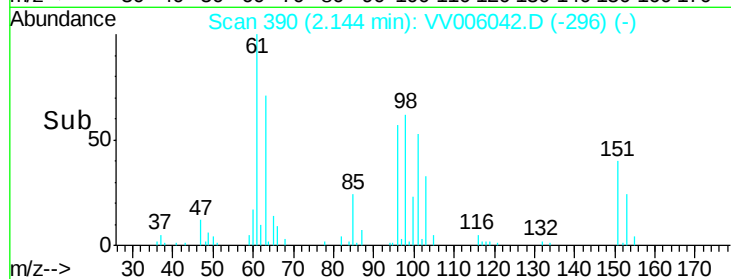
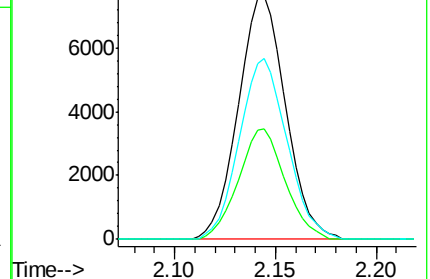
151 74.7 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): VV006043.D (-377) (-)

Ion 85.00 (84.70 to 85.70): VV006043.D (-377) (-)

Ion 151.00 (150.70 to 151.70): VV006043.D (-377) (-)



#12

1,1-Dichloroethene

Concen: 10.73 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

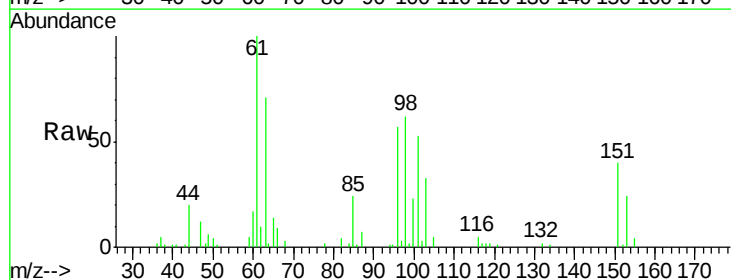
Tgt Ion: 96 Resp: 11682

Ion Ratio Lower Upper

96 100

61 175.2 122.5 227.5

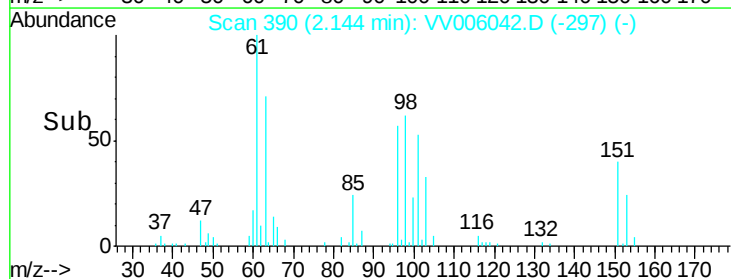
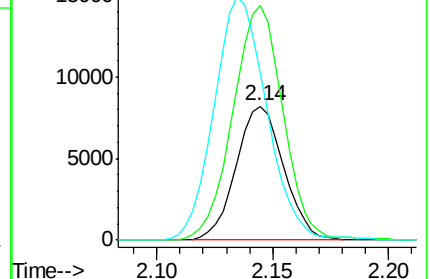
63 124.8 86.9 161.5

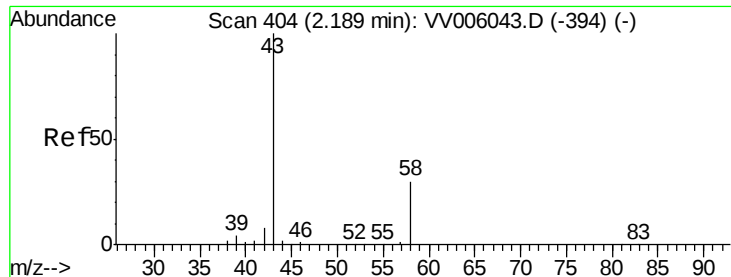


Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-379) (-)

Ion 61.00 (60.70 to 61.70): VV006043.D (-379) (-)

Ion 63.00 (62.70 to 63.70): VV006043.D (-379) (-)





#13

Acetone

Concen: 22.28 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006042.D

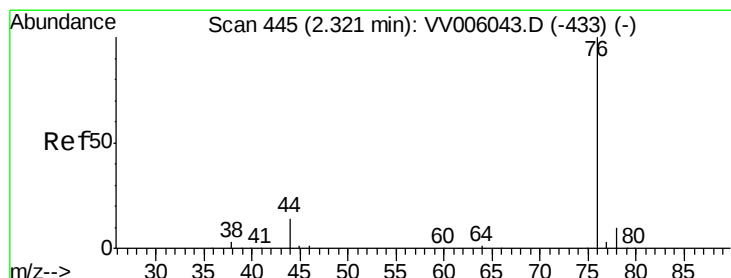
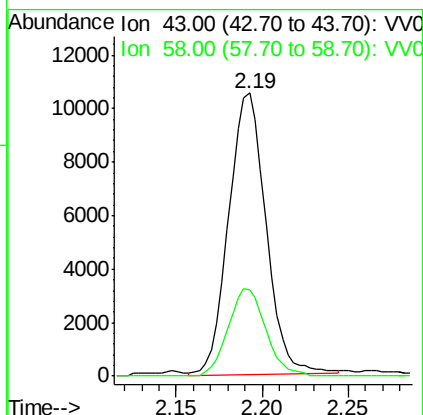
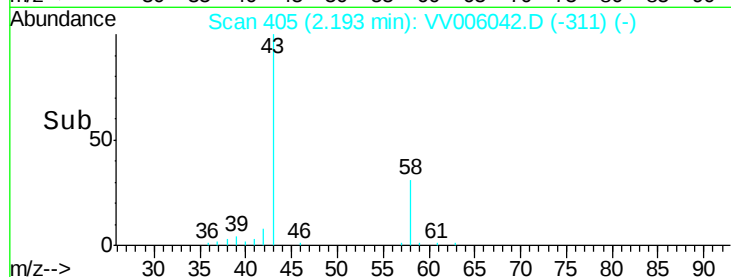
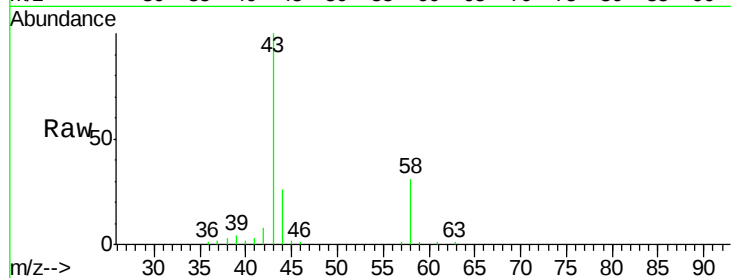
Acq: 25 May 2018 21:04

Tgt Ion: 43 Resp: 15849

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.6



#14

Carbon disulfide

Concen: 10.35 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006042.D

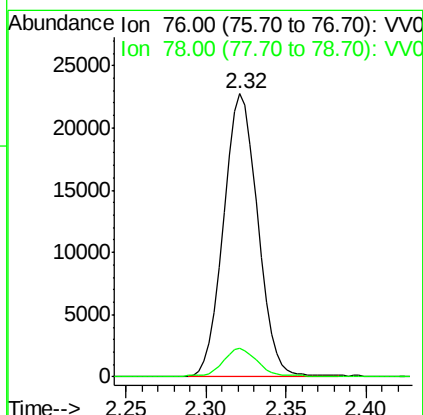
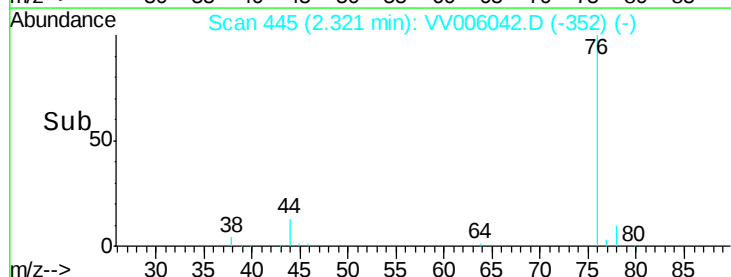
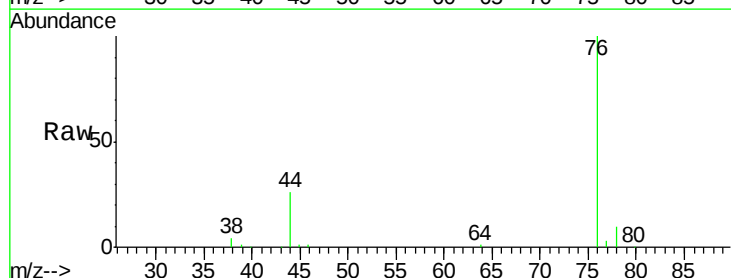
Acq: 25 May 2018 21:04

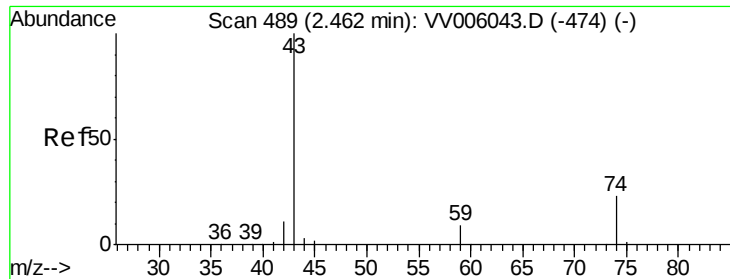
Tgt Ion: 76 Resp: 33303

Ion Ratio Lower Upper

76 100

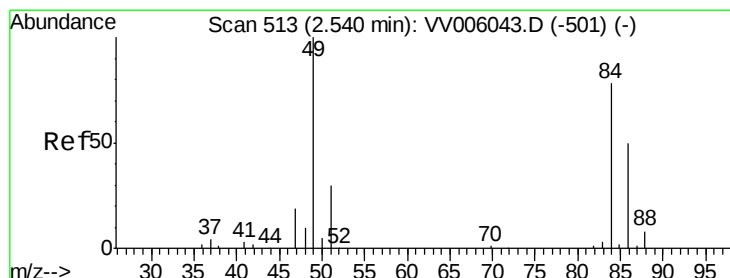
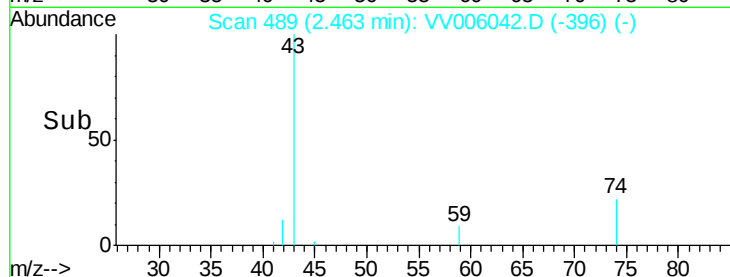
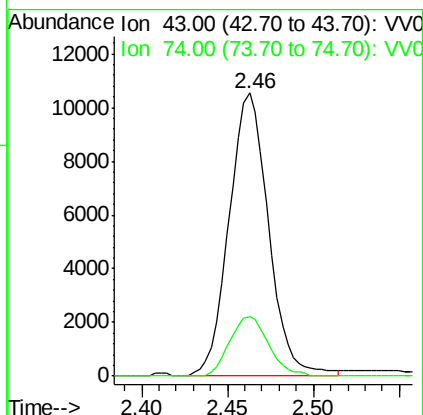
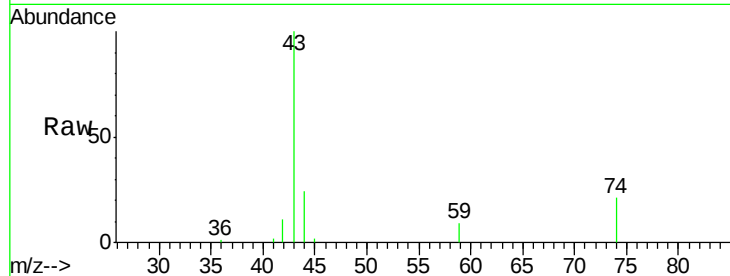
78 9.9 7.6 11.4





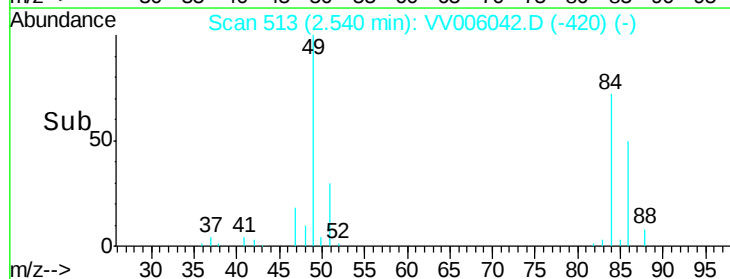
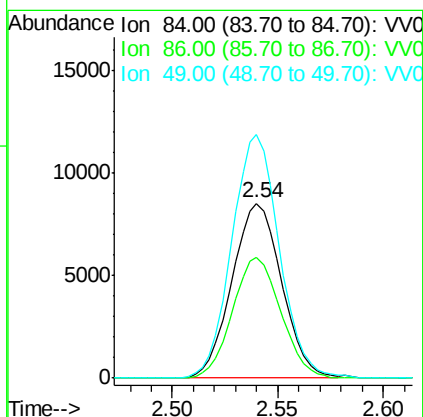
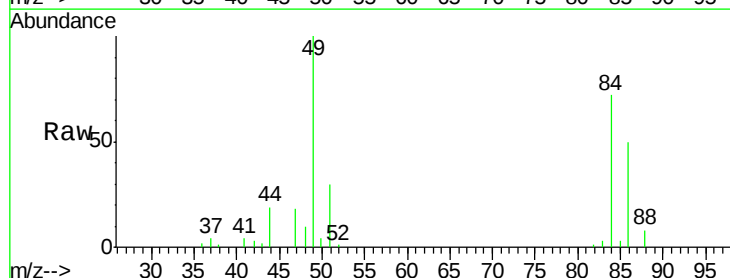
#15
Methyl Acetate
Concen: 11.27 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

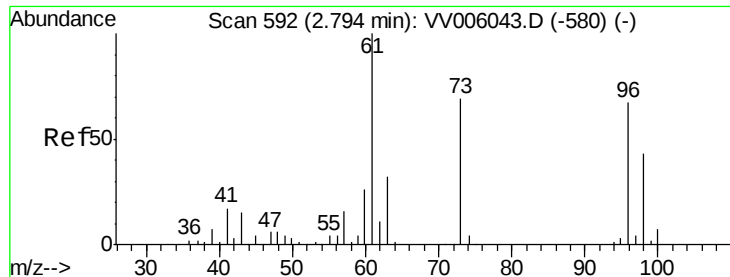
Tgt Ion: 43 Resp: 16874
Ion Ratio Lower Upper
43 100
74 20.7 18.2 27.2



#16
Methylene chloride
Concen: 10.73 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion: 84 Resp: 13931
Ion Ratio Lower Upper
84 100
86 69.2 45.1 83.7
49 139.5 90.2 167.6





#17

trans-1,2-Dichloroethene

Concen: 10.78 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

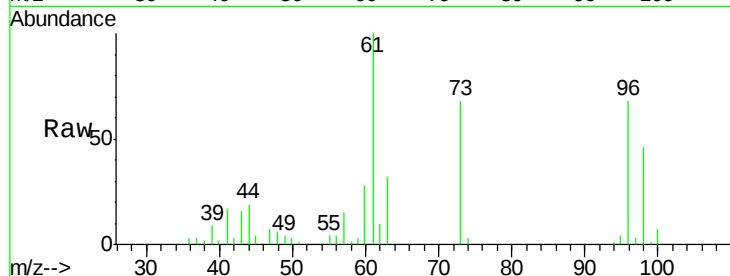
Tgt Ion: 96 Resp: 12551

Ion Ratio Lower Upper

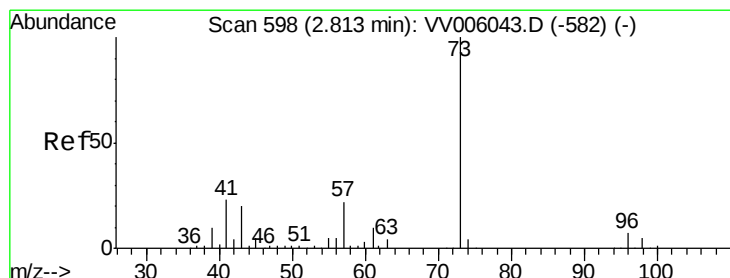
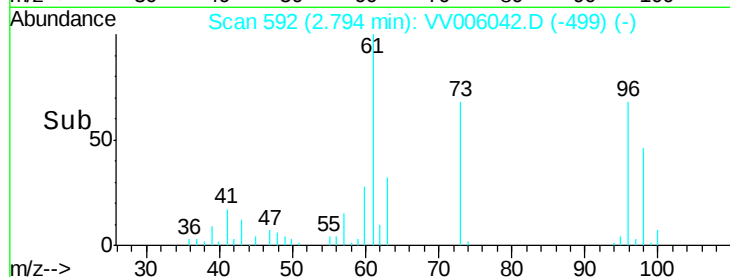
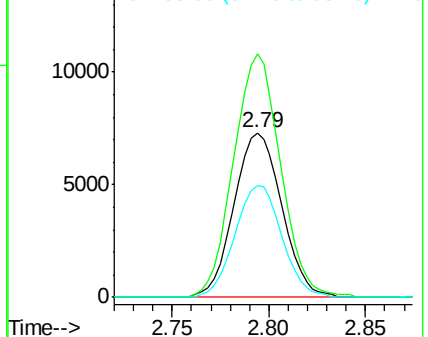
96 100

61 147.9 104.9 194.7

98 68.2 44.9 83.3



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



#18

Methyl tert-butyl Ether

Concen: 10.66 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

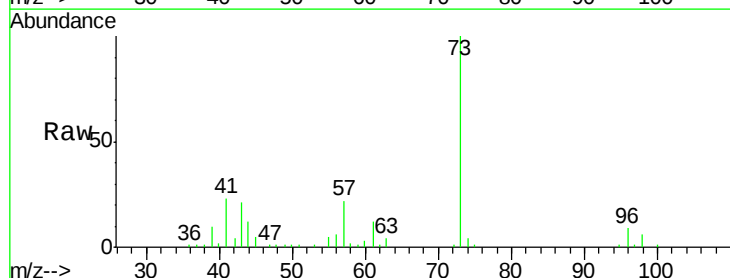
Tgt Ion: 73 Resp: 42287

Ion Ratio Lower Upper

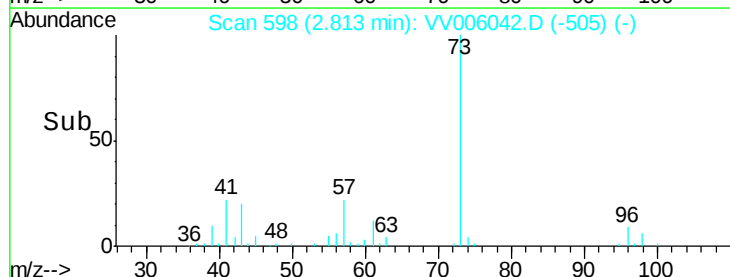
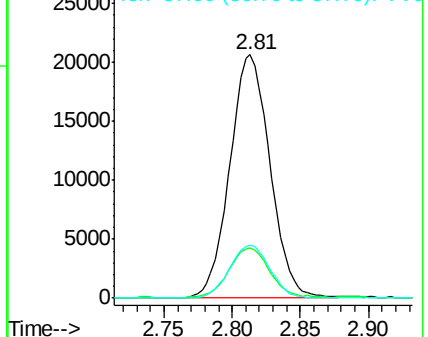
73 100

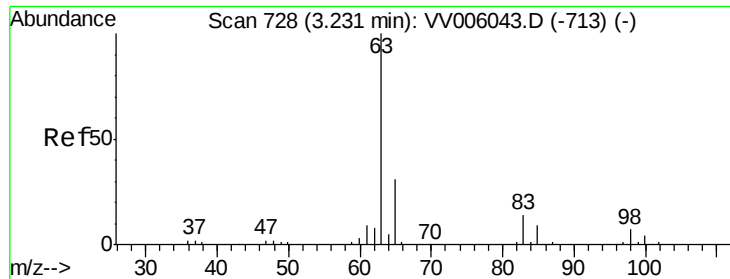
43 21.3 16.2 24.2

57 21.7 17.8 26.8



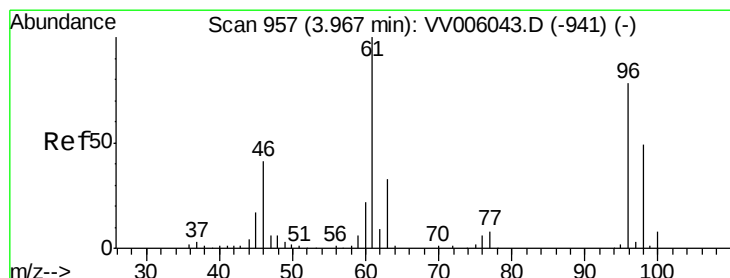
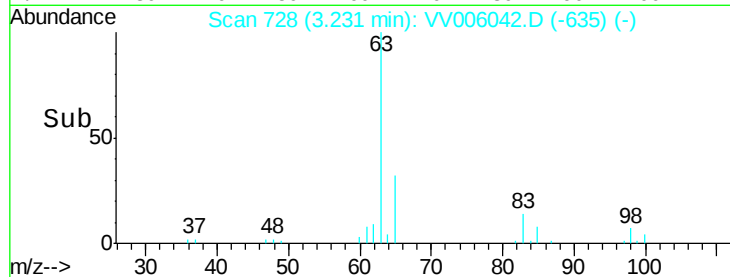
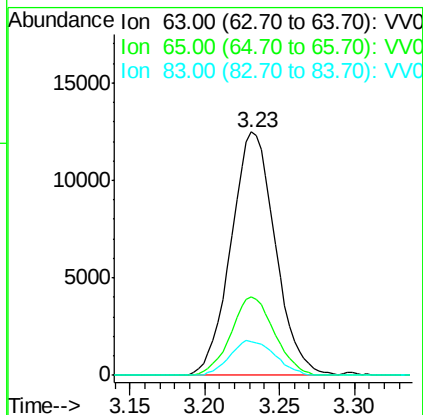
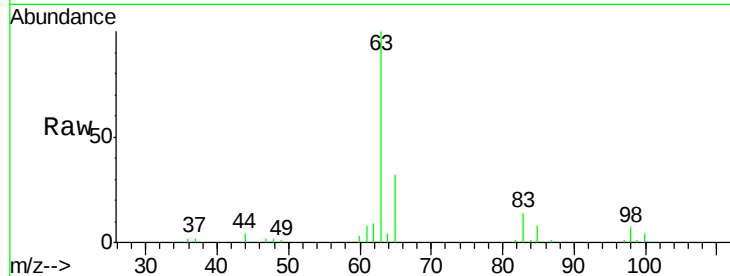
Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0





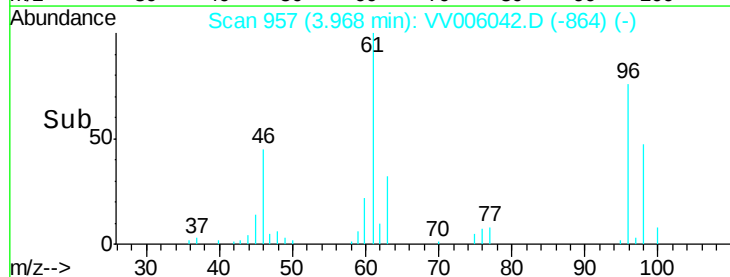
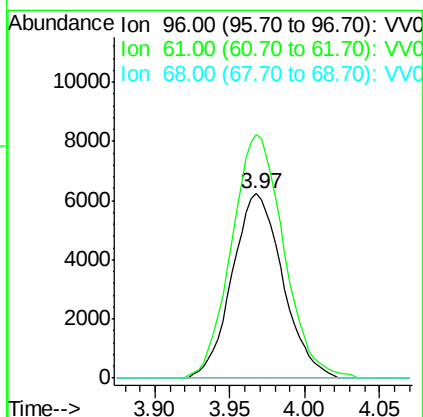
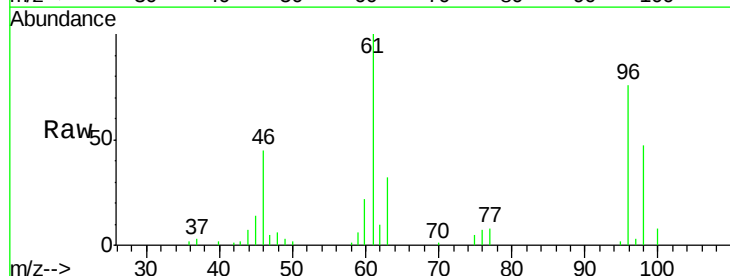
#19
 1,1-Dichloroethane
 Concen: 10.66 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

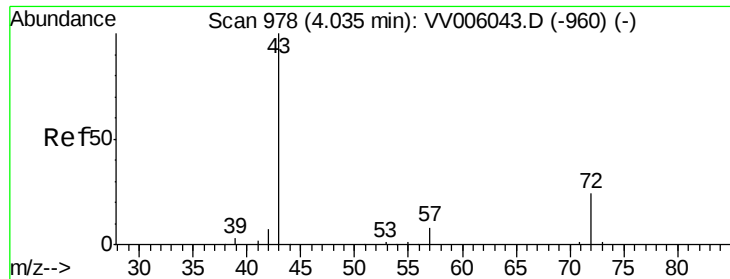
Tgt Ion: 63 Resp: 25727
 Ion Ratio Lower Upper
 63 100
 65 32.0 21.9 40.7
 83 14.0 9.9 18.5



#20
 cis-1,2-Dichloroethene
 Concen: 10.37 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion: 96 Resp: 14660
 Ion Ratio Lower Upper
 96 100
 61 131.9 89.9 167.0
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 20.64 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.00 min

Lab File: VV006042.D

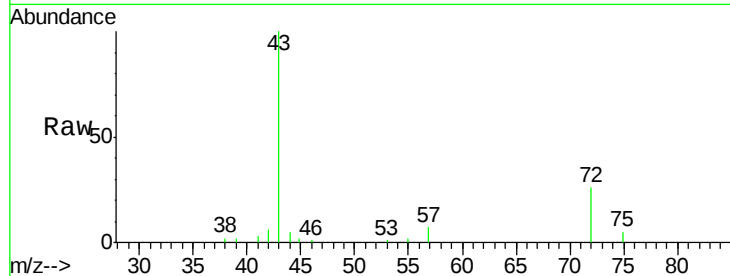
Acq: 25 May 2018 21:04

Tgt Ion: 43 Resp: 21875

Ion Ratio Lower Upper

43 100

72 26.5 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV006043.D (-960) (-)

Ion 72.00 (71.70 to 72.70): VV006043.D (-960) (-)

4.04

10000

8000

6000

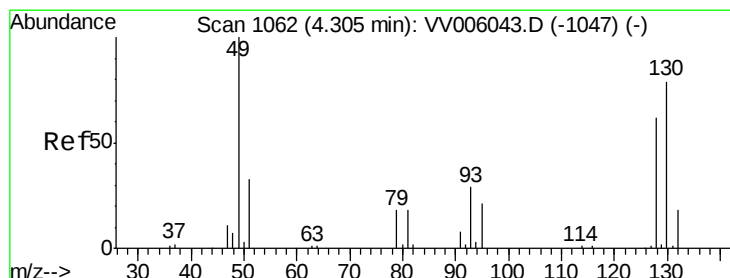
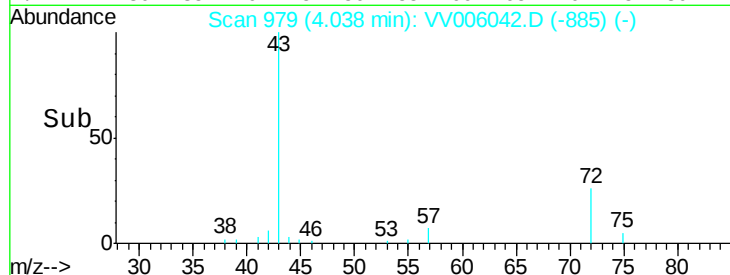
4000

2000

0

Time-->

3.95 4.00 4.05 4.10 4.15



#23

Bromochloromethane

Concen: 10.68 ug/L

RT: 4.31 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

Tgt Ion: 128 Resp: 7437

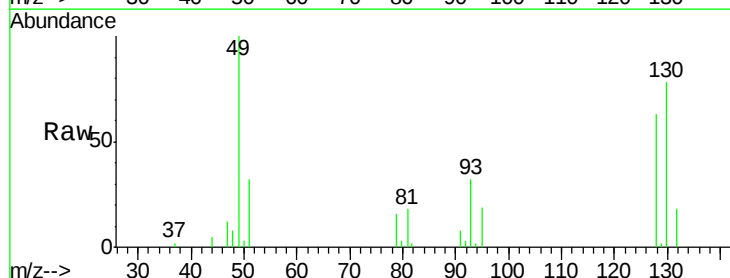
Ion Ratio Lower Upper

128 100

49 159.1 114.0 211.8

130 123.7 90.0 167.2

51 50.9 42.1 63.1



Abundance Ion 128.00 (127.70 to 128.70): VV006043.D (-1047) (-)

Ion 49.00 (48.70 to 49.70): VV006043.D (-1047) (-)

Ion 130.00 (129.70 to 130.70): VV006043.D (-1047) (-)

Ion 51.00 (50.70 to 51.70): VV006043.D (-1047) (-)

8000

6000

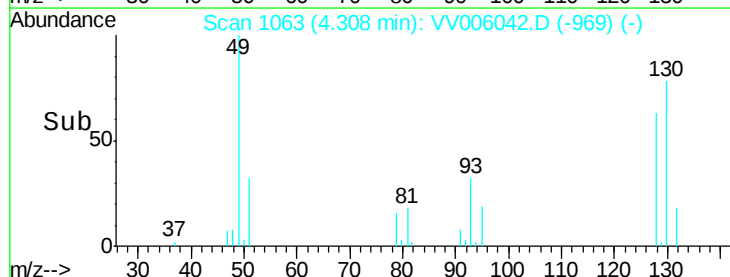
4000

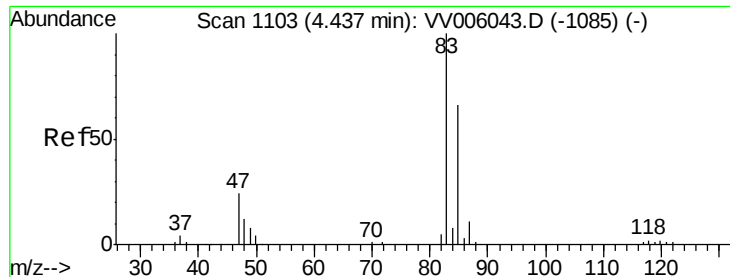
2000

0

Time-->

4.25 4.30 4.35





#25

Chloroform

Concen: 10.60 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV006042.D

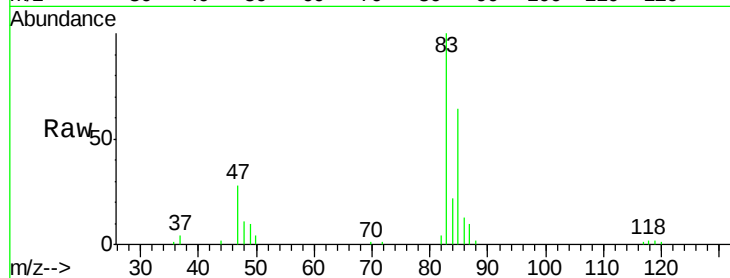
Acq: 25 May 2018 21:04

Tgt Ion: 83 Resp: 26955

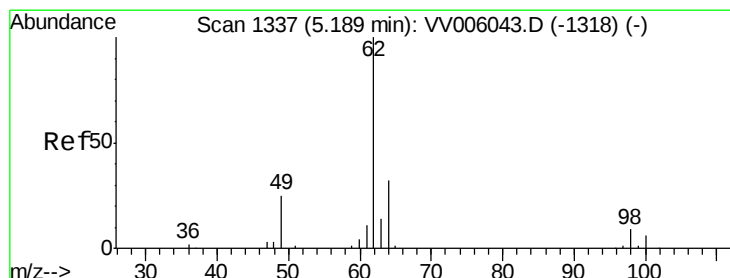
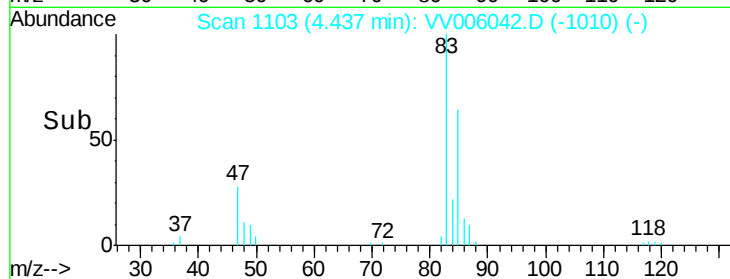
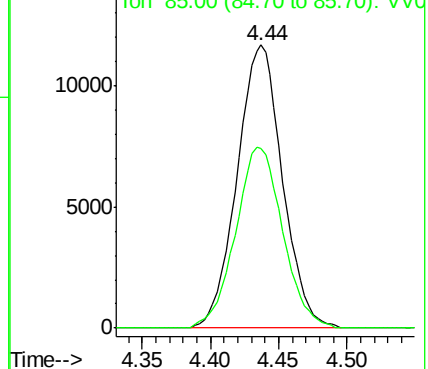
Ion Ratio Lower Upper

83 100

85 63.6 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV006043.D (-1085) (-)



#27

1,2-Dichloroethane

Concen: 11.01 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV006042.D

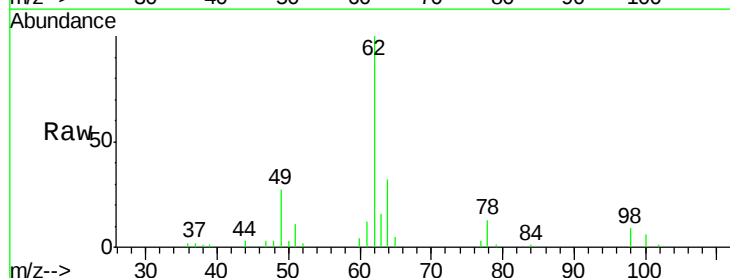
Acq: 25 May 2018 21:04

Tgt Ion: 62 Resp: 22633

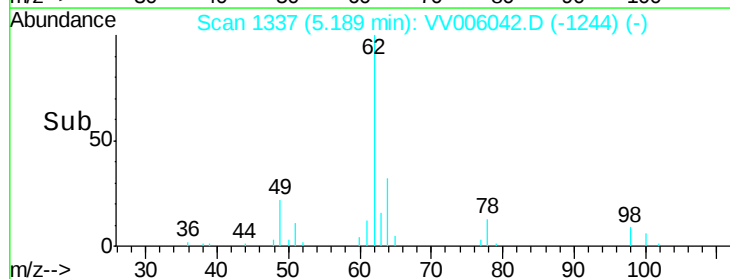
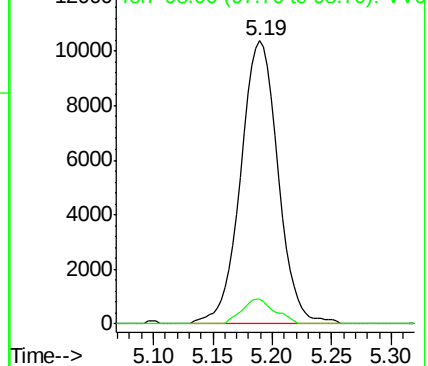
Ion Ratio Lower Upper

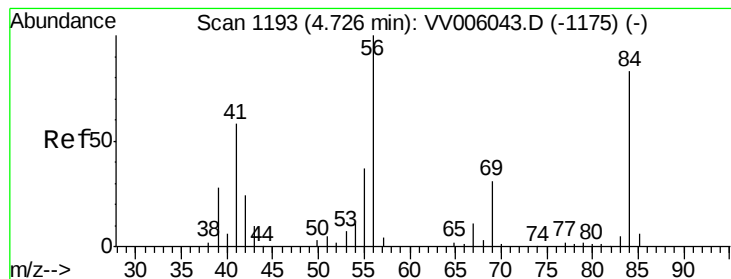
62 100

98 8.6 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VV006043.D (-1318) (-)





#29

Cyclohexane

Concen: 9.89 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

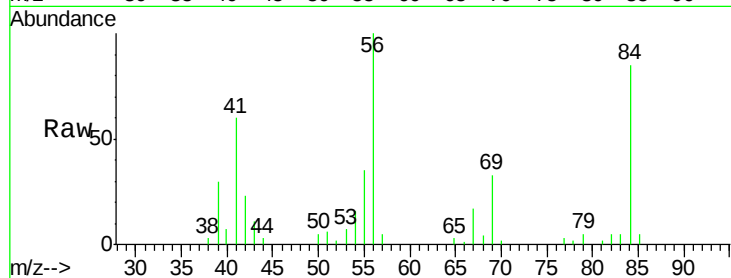
Tgt Ion: 56 Resp: 20379

Ion Ratio Lower Upper

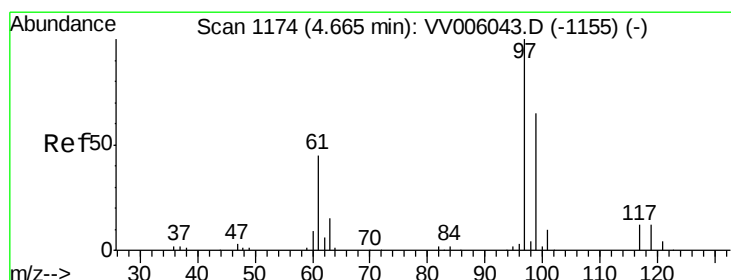
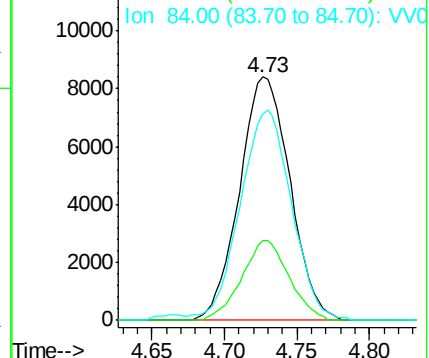
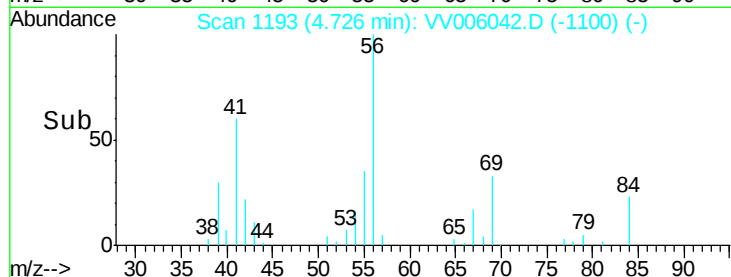
56 100

69 30.8 24.4 36.6

84 85.6 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VV006042.D (-1100) (-)



#30

1,1,1-Trichloroethane

Concen: 10.48 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

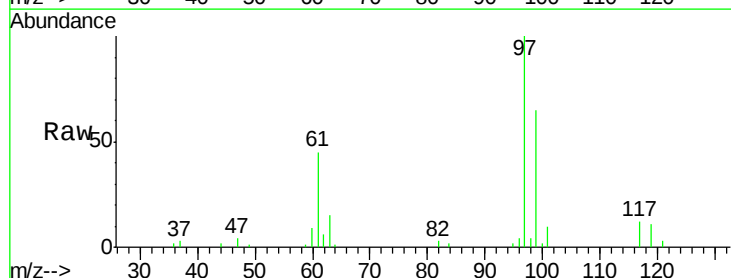
Tgt Ion: 97 Resp: 22908

Ion Ratio Lower Upper

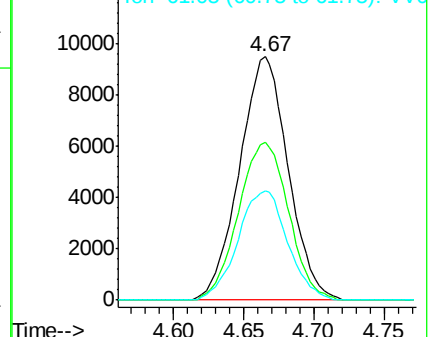
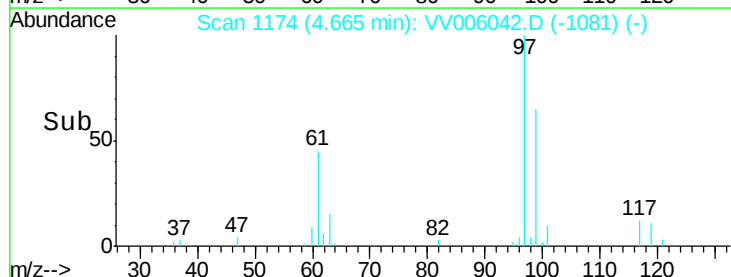
97 100

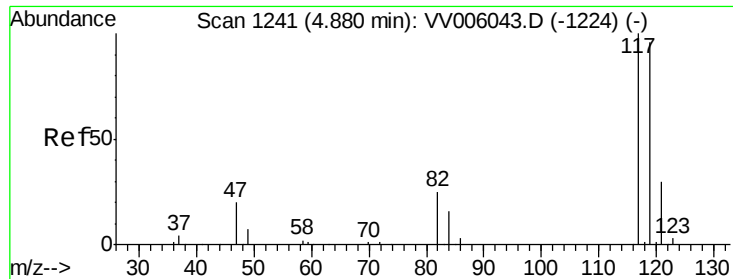
99 66.8 51.7 77.5

61 45.8 36.0 54.0



Abundance Ion 97.00 (96.70 to 97.70): VV006042.D (-1081) (-)





#31

Carbon tetrachloride

Concen: 10.20 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV006042.D

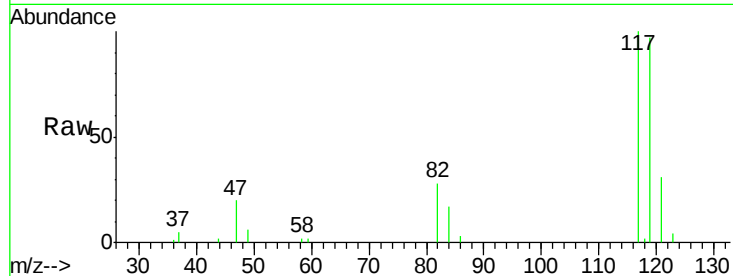
Acq: 25 May 2018 21:04

Tgt Ion: 117 Resp: 19541

Ion Ratio Lower Upper

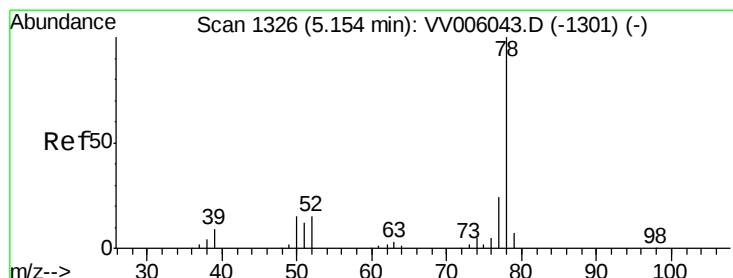
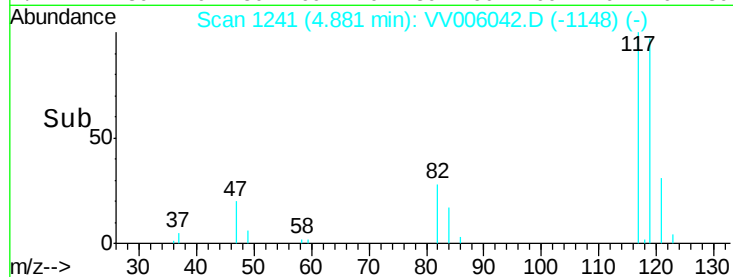
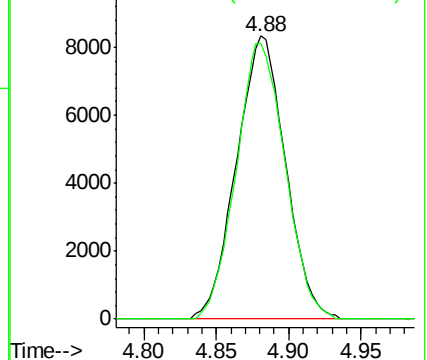
117 100

119 97.4 77.0 115.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 10.23 ug/L

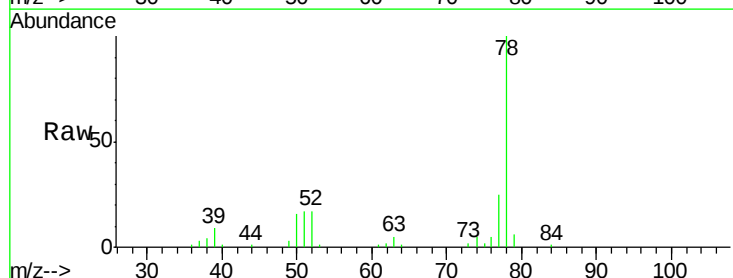
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

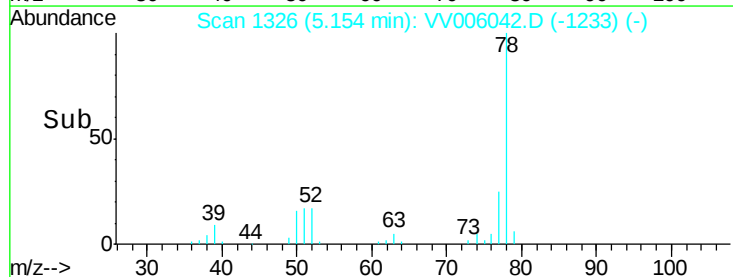
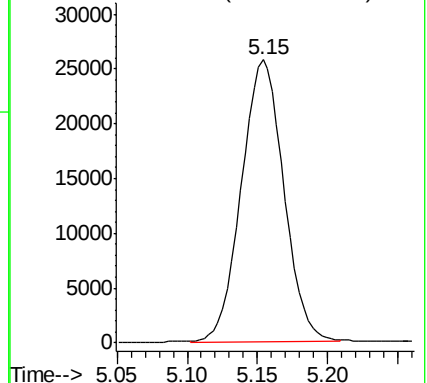
Lab File: VV006042.D

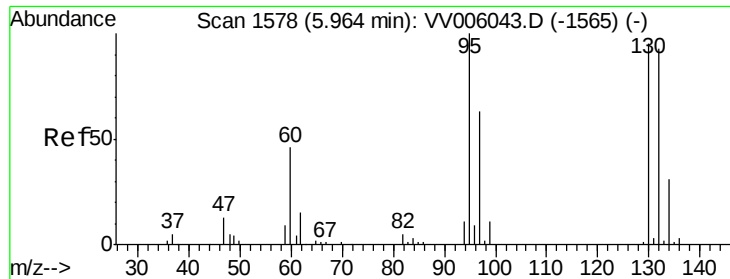
Acq: 25 May 2018 21:04

Tgt Ion: 78 Resp: 54255



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 10.52 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

Tgt Ion: 95 Resp: 13947

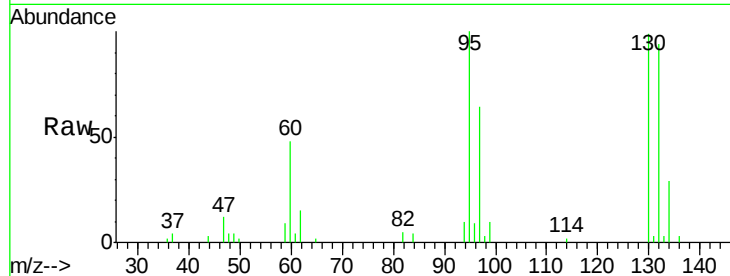
Ion Ratio Lower Upper

95 100

97 64.0 44.0 81.6

132 93.5 65.0 120.6

130 99.3 66.6 123.8

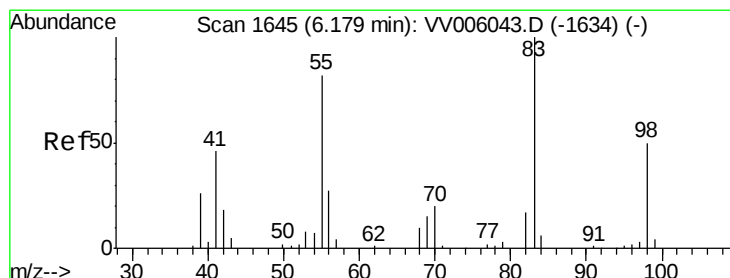
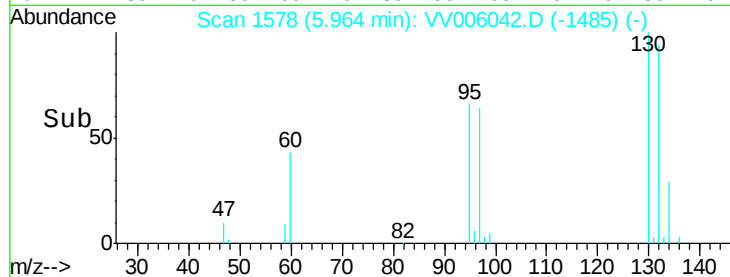
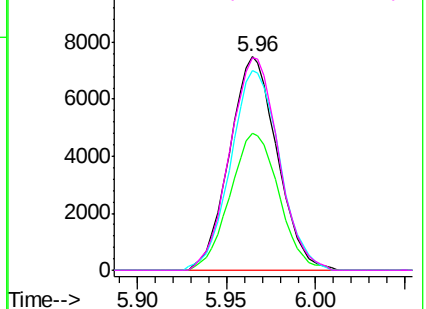


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 9.48 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

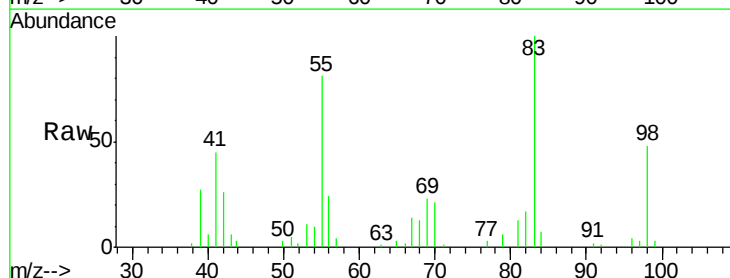
Tgt Ion: 83 Resp: 20230

Ion Ratio Lower Upper

83 100

55 80.4 63.1 94.7

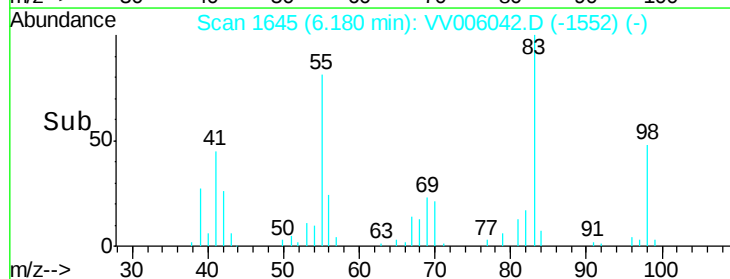
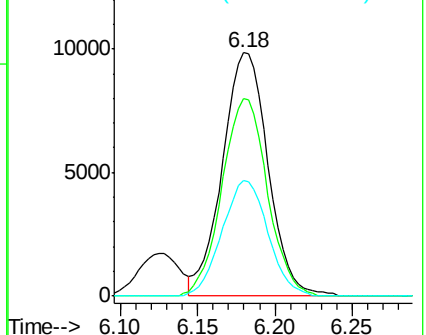
98 47.6 37.8 56.8

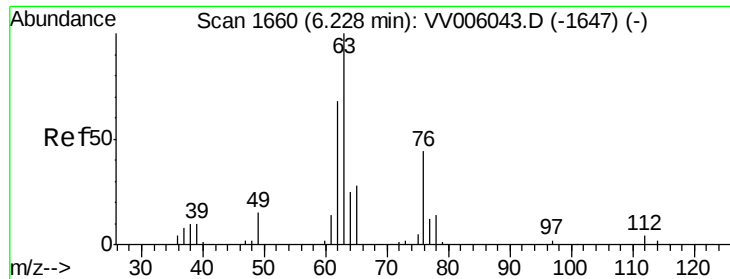


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

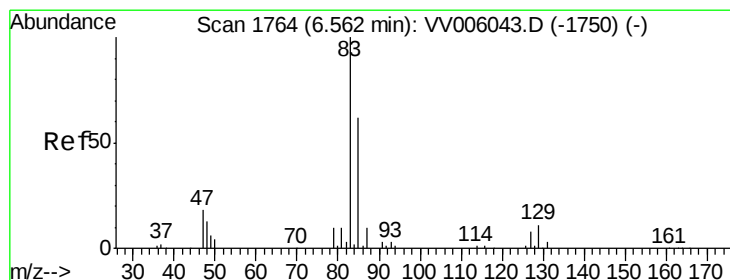
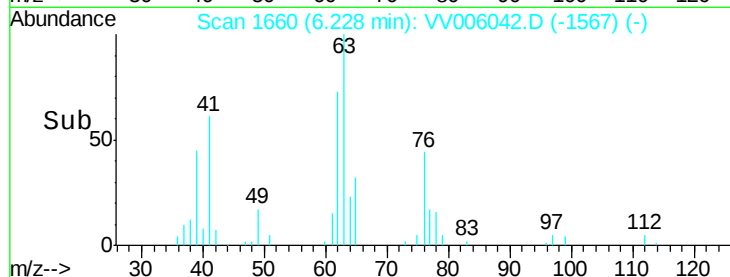
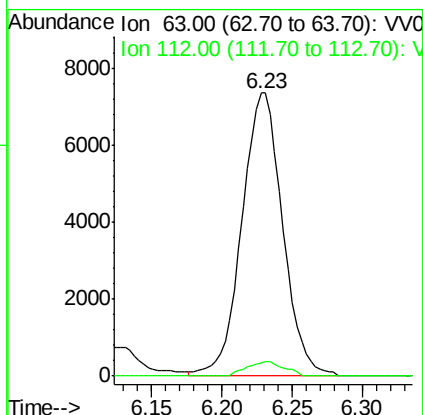
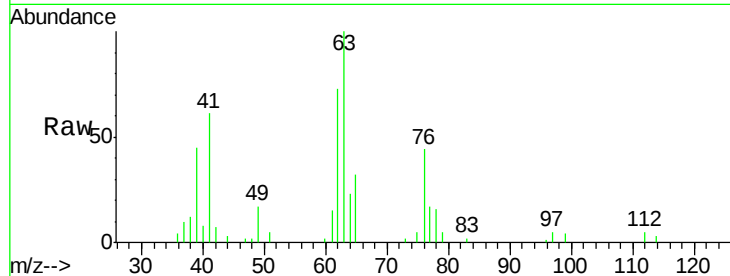
Ion 98.00 (97.70 to 98.70): VV0





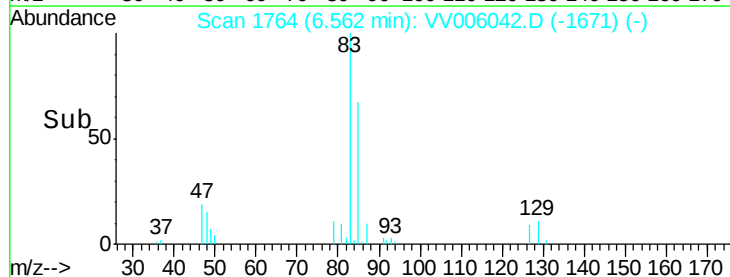
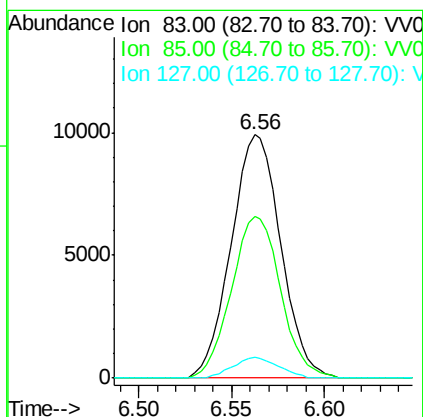
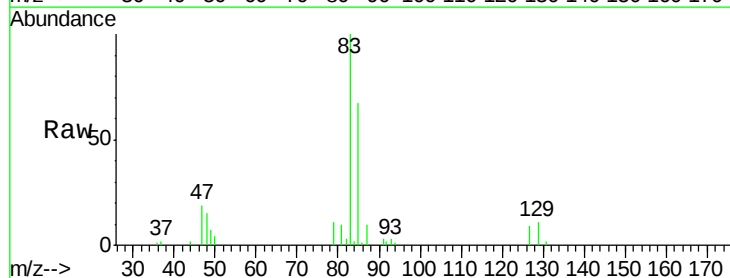
#37
 1,2-Dichloropropane
 Concen: 10.60 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

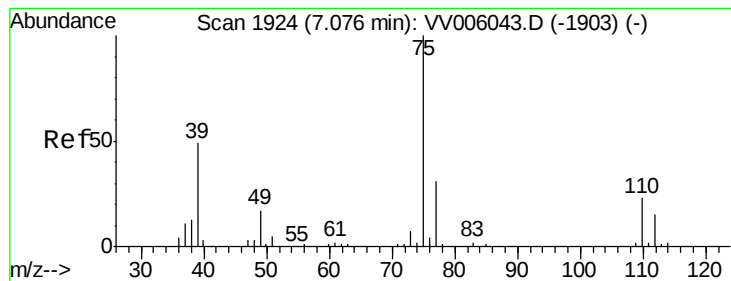
Tgt Ion: 63 Resp: 14909
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.4 5.2



#38
 Bromodichloromethane
 Concen: 10.09 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion: 83 Resp: 18458
 Ion Ratio Lower Upper
 83 100
 85 66.6 43.7 81.1
 127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 9.33 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV006042.D

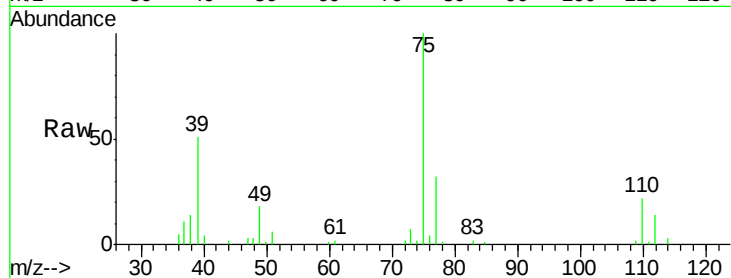
Acq: 25 May 2018 21:04

Tgt Ion: 75 Resp: 19793

Ion Ratio Lower Upper

75 100

77 31.8 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VV006043.D (-1903) (-)

Ion 77.00 (76.70 to 77.70): VV006043.D (-1903) (-)

7.08

12000

10000

8000

6000

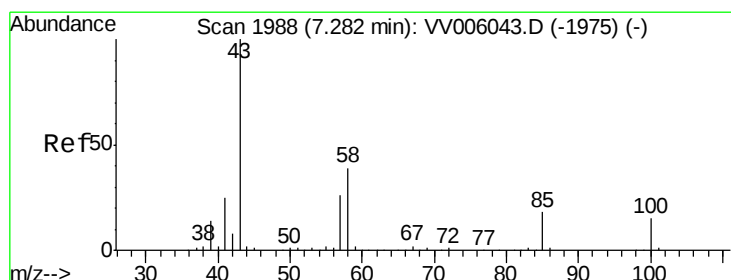
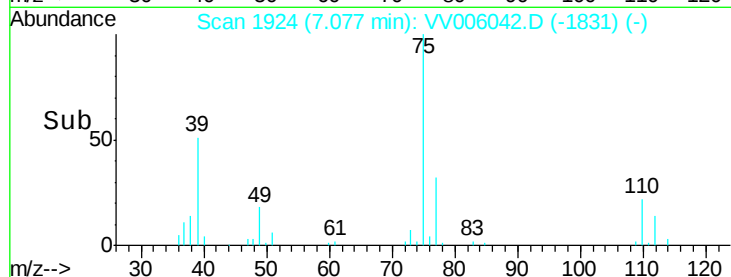
4000

2000

0

7.00 7.05 7.10 7.15

Time-->



#40

4-Methyl-2-pentanone

Concen: 19.46 ug/L

RT: 7.28 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

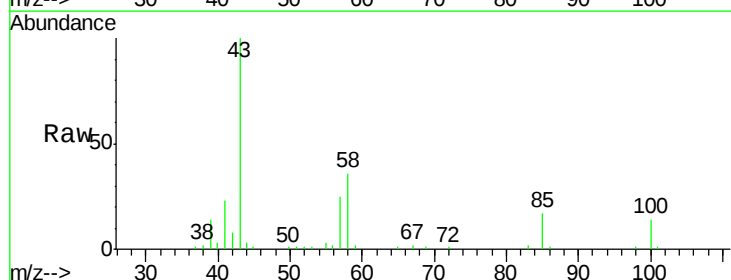
Tgt Ion: 43 Resp: 37341

Ion Ratio Lower Upper

43 100

58 36.9 30.7 46.1

100 14.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VV006043.D (-1975) (-)

Ion 58.00 (57.70 to 58.70): VV006043.D (-1975) (-)

Ion 100.00 (99.70 to 100.70): VV006043.D (-1975) (-)

7.28

25000

20000

15000

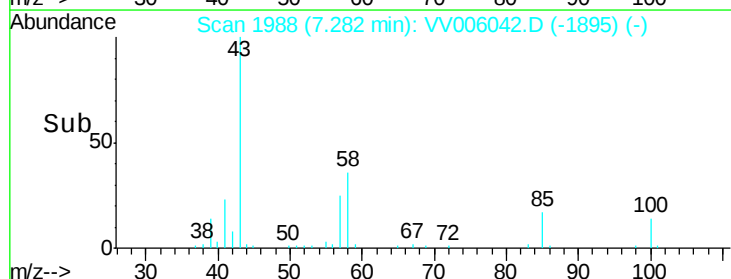
10000

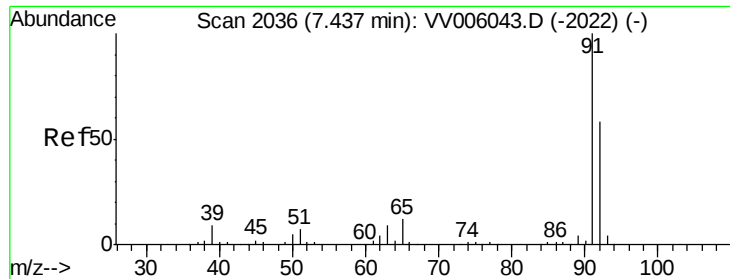
5000

0

7.20 7.25 7.30 7.35

Time-->





#42

Toluene

Concen: 10.08 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006042.D

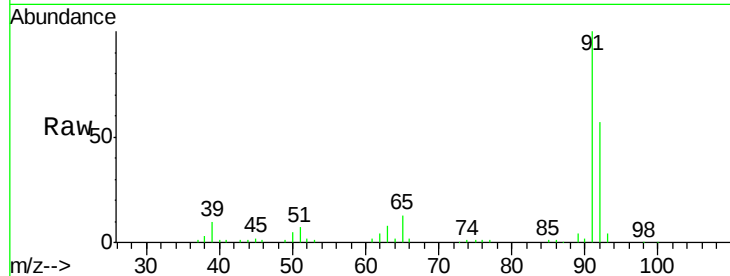
Acq: 25 May 2018 21:04

Tgt Ion: 91 Resp: 56292

Ion Ratio Lower Upper

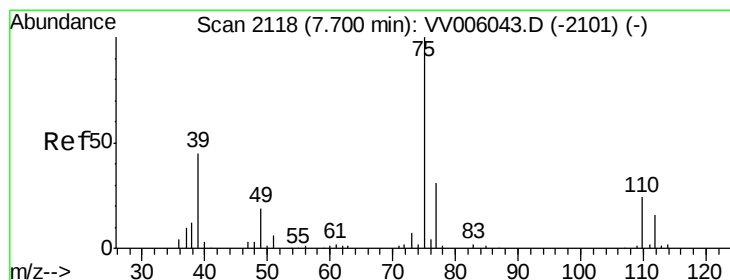
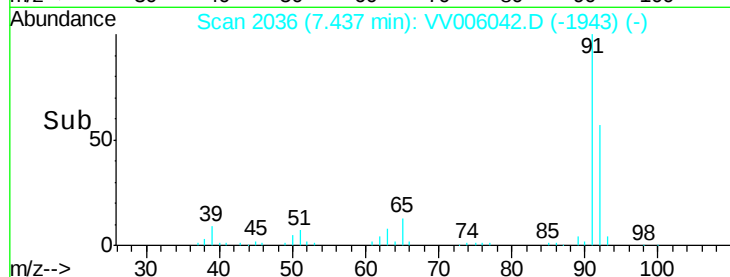
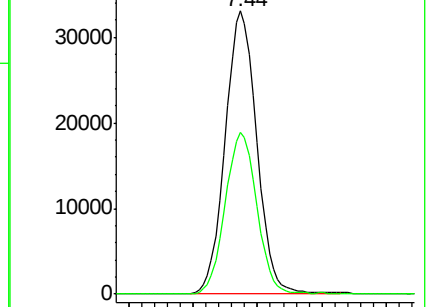
91 100

92 57.1 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006043.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006043.D (-2022) (-)



#44

trans-1,3-Dichloropropene

Concen: 9.23 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006042.D

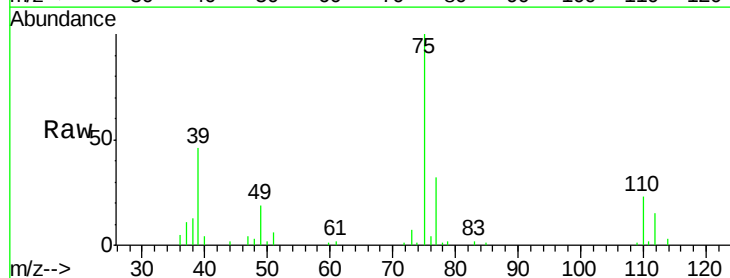
Acq: 25 May 2018 21:04

Tgt Ion: 75 Resp: 18578

Ion Ratio Lower Upper

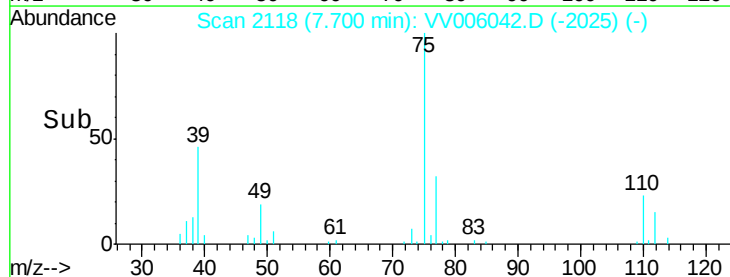
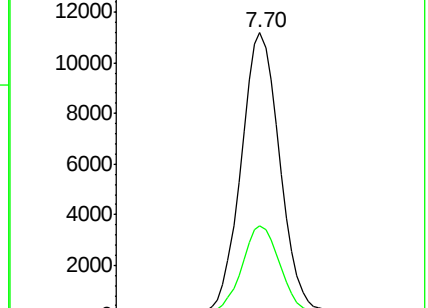
75 100

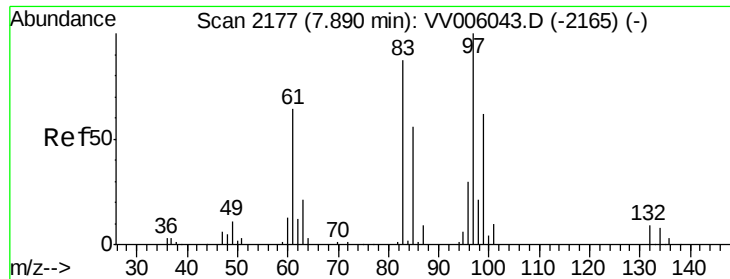
77 31.9 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV006043.D (-2101) (-)

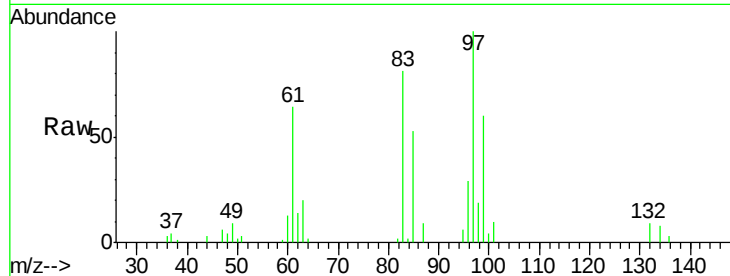
Ion 77.00 (76.70 to 77.70): VV006043.D (-2101) (-)





#45
 1,1,2-Trichloroethane
 Concen: 10.68 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion:	97	Resp:	14163
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.6	81.0
83	81.4	60.7	112.7
85	52.9	39.3	72.9

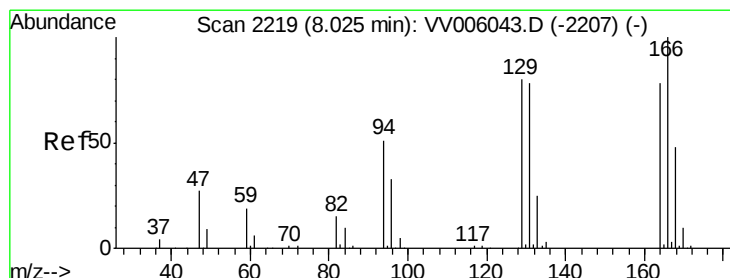
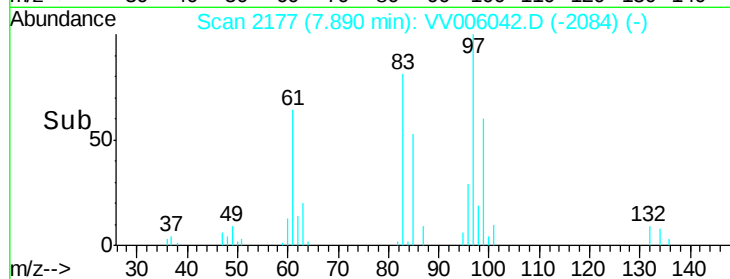
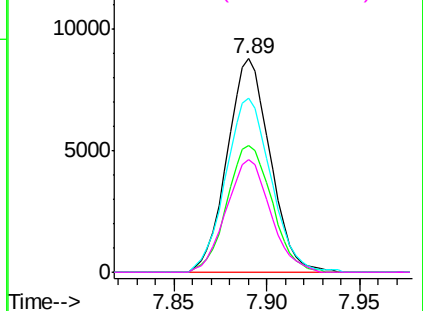


Abundance Ion 97.00 (96.70 to 97.70): VV006042.D (-2084) (-)

Ion 99.00 (98.70 to 99.70): VV006042.D (-2084) (-)

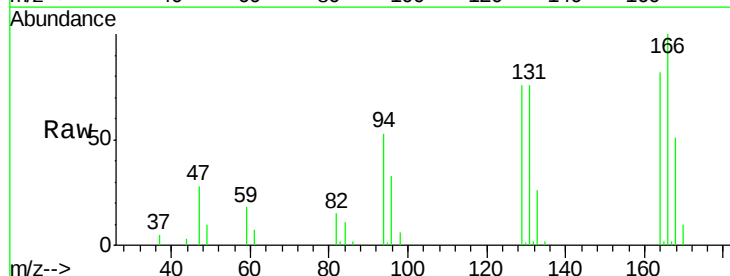
Ion 83.00 (82.70 to 83.70): VV006042.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006042.D (-2084) (-)



#46
 Tetrachloroethene
 Concen: 10.61 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion:	164	Resp:	10458
Ion	Ratio	Lower	Upper
164	100		
129	93.5	72.2	134.2
131	92.4	70.0	130.0
166	122.3	90.4	167.8

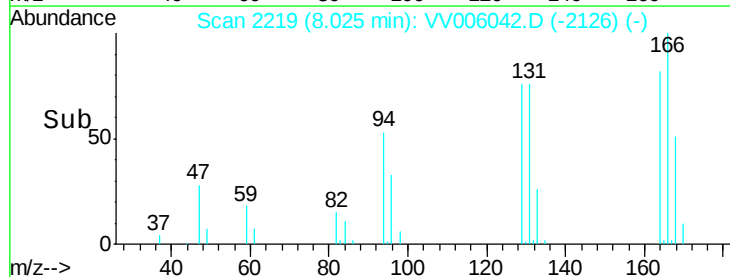
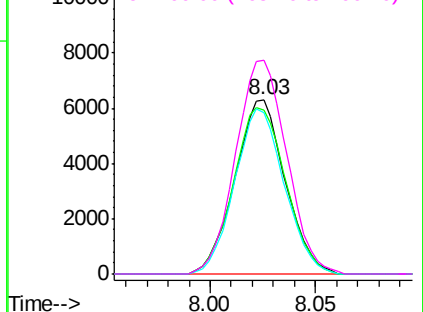


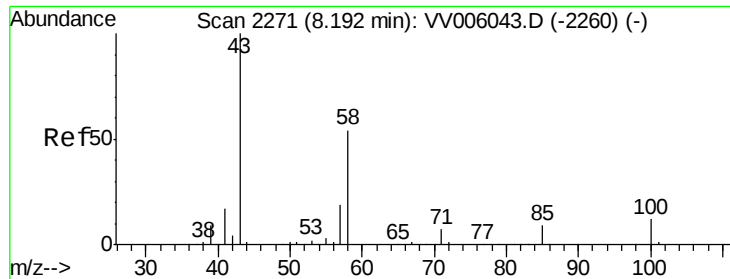
Abundance Ion 164.00 (163.70 to 164.70): VV006042.D (-2126) (-)

Ion 129.00 (128.70 to 129.70): VV006042.D (-2126) (-)

Ion 131.00 (130.70 to 131.70): VV006042.D (-2126) (-)

Ion 166.00 (165.70 to 166.70): VV006042.D (-2126) (-)

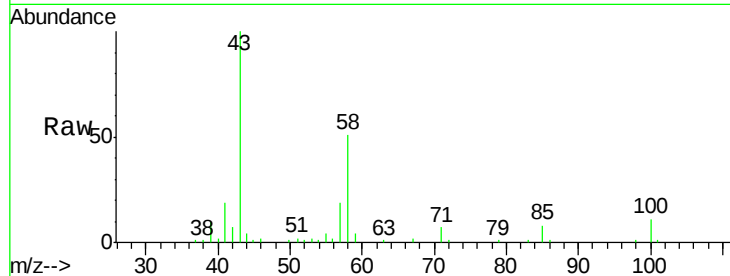




#48
2-Hexanone
Concen: 18.99 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion: 43 Resp: 27798

Ion	Ratio	Lower	Upper
43	100		
58	53.0	45.4	68.2
57	18.2	15.9	23.9
100	12.1	9.8	14.6

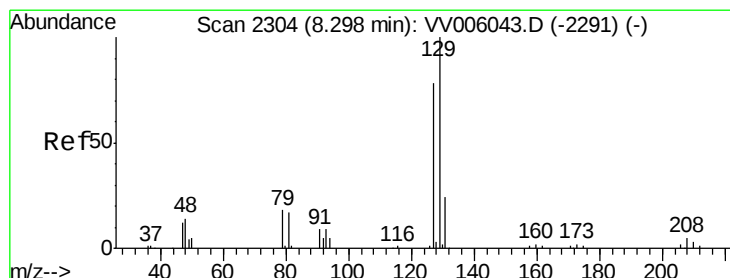
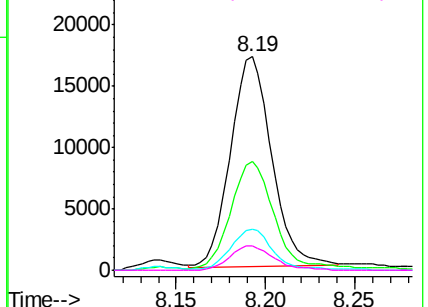
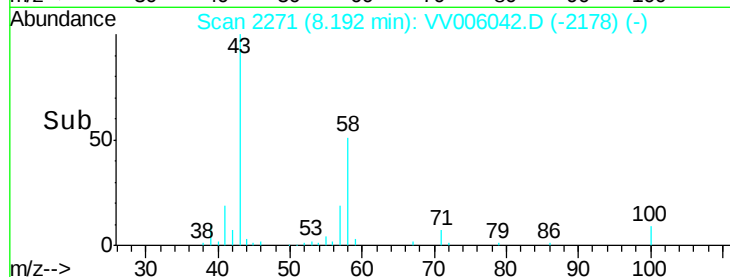


Abundance Ion 43.00 (42.70 to 43.70): VV006042.D (-2178) (-)

Ion 58.00 (57.70 to 58.70): VV006042.D (-2178) (-)

Ion 57.00 (56.70 to 57.70): VV006042.D (-2178) (-)

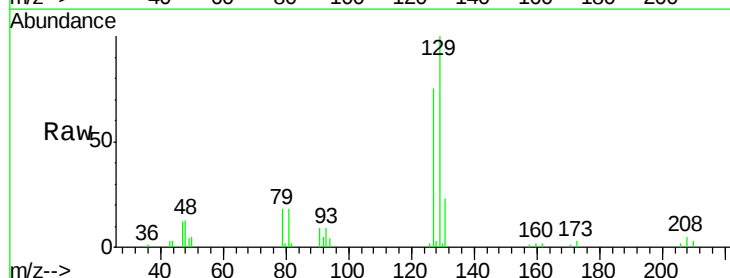
Ion 100.00 (99.70 to 100.70): VV006042.D (-2178) (-)



#49
Dibromochloromethane
Concen: 9.85 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

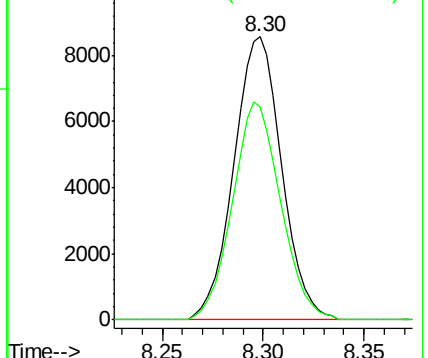
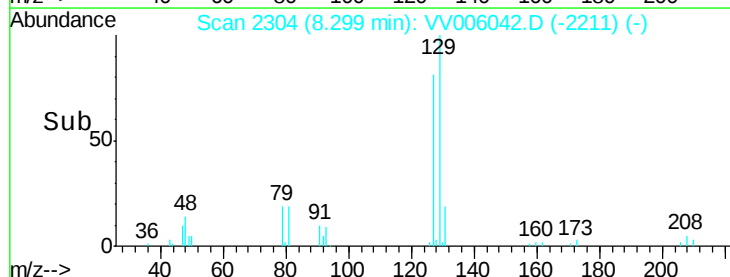
Tgt Ion: 129 Resp: 14254

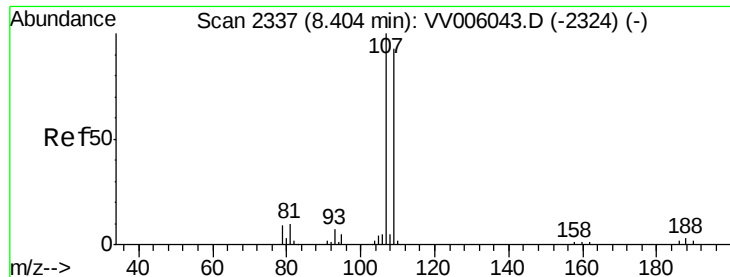
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VV006042.D (-2211) (-)

Ion 127.00 (126.70 to 127.70): VV006042.D (-2211) (-)





#50

1,2-Dibromoethane

Concen: 10.35 ug/L

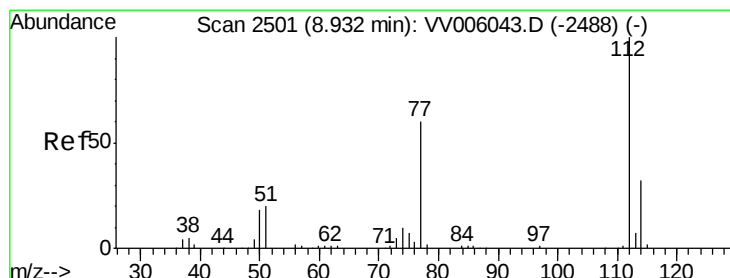
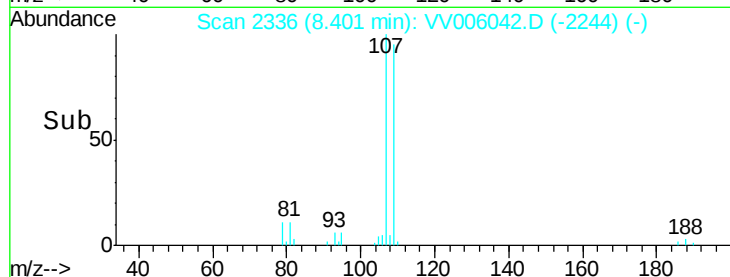
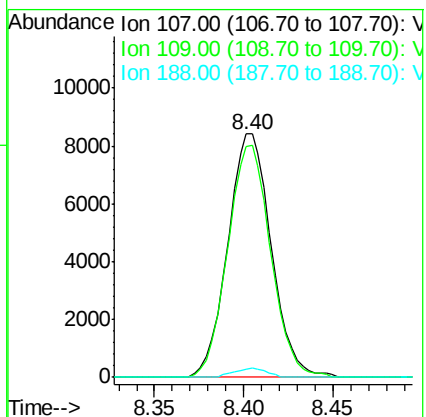
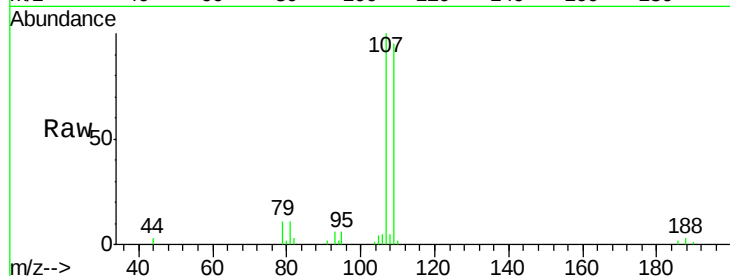
RT: 8.40 min Scan# 2336

Delta R.T. -0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

Tgt Ion:	107	Resp:	14194
Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.8	120.4
188	3.4	2.8	4.2



#51

Chlorobenzene

Concen: 10.62 ug/L

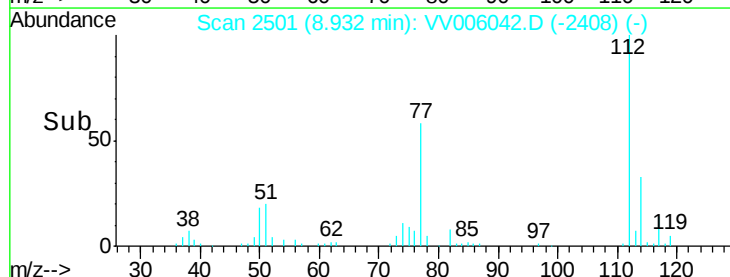
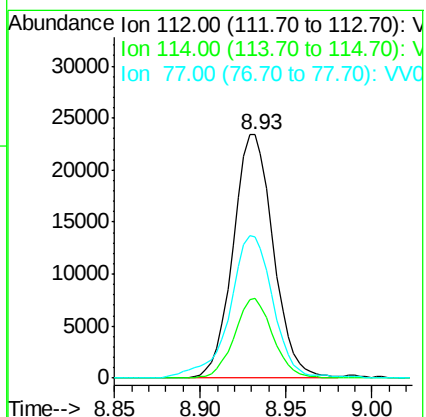
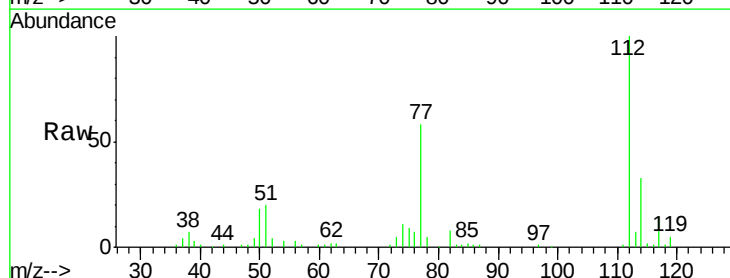
RT: 8.93 min Scan# 2501

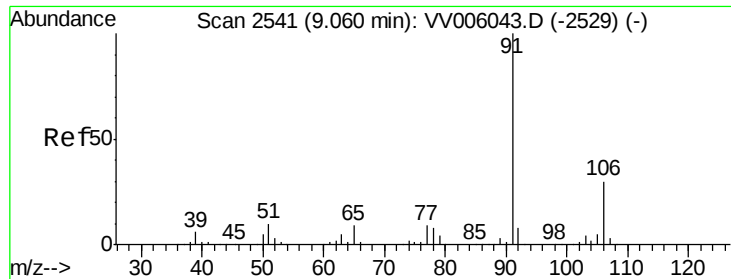
Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

Tgt Ion:	112	Resp:	38267
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.7	42.1
77	58.2	48.4	72.6





#52

Ethylbenzene

Concen: 9.29 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006042.D

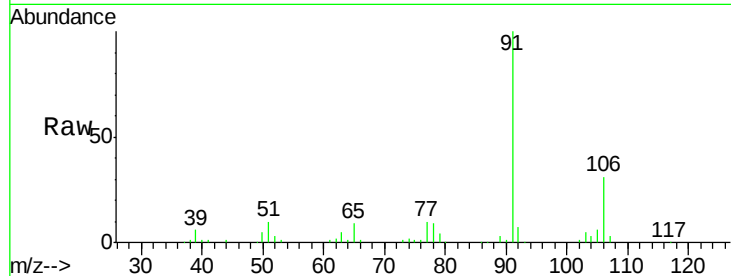
Acq: 25 May 2018 21:04

Tgt Ion: 91 Resp: 57583

Ion Ratio Lower Upper

91 100

106 31.5 21.2 39.4



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

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

9.06

40000

30000

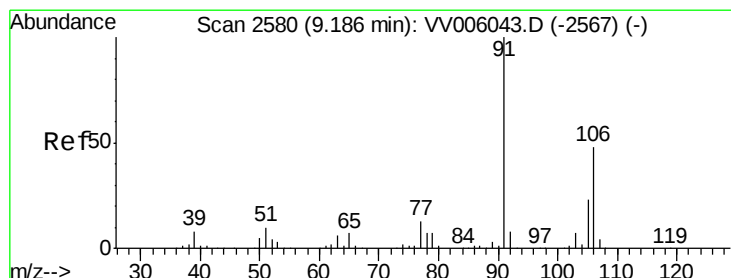
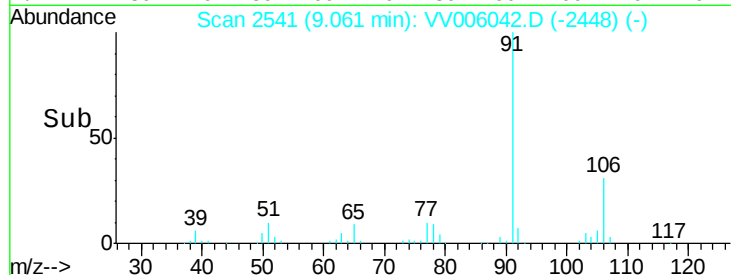
20000

10000

0

9.00 9.05 9.10

Time-->



#53

m,p-Xylene

Concen: 9.09 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006042.D

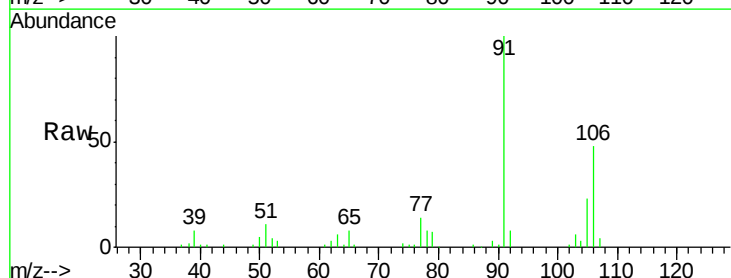
Acq: 25 May 2018 21:04

Tgt Ion: 106 Resp: 20995

Ion Ratio Lower Upper

106 100

91 207.0 146.4 271.8



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

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

9.19

30000

25000

20000

15000

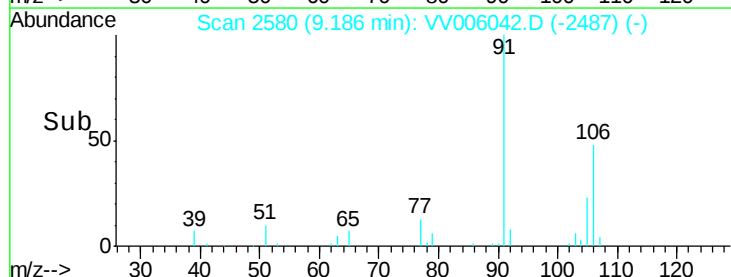
10000

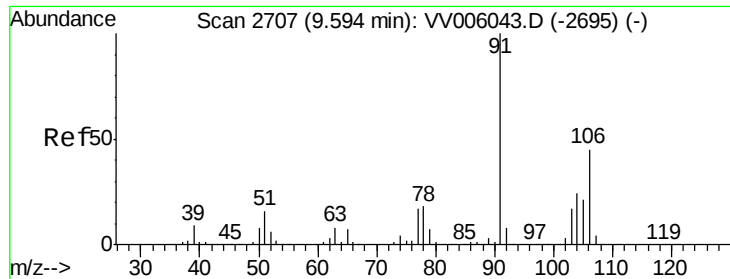
5000

0

9.15 9.20 9.25

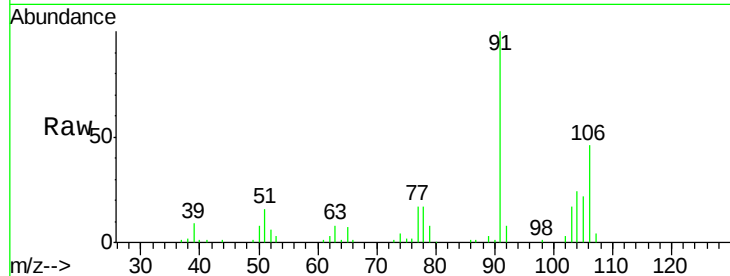
Time-->



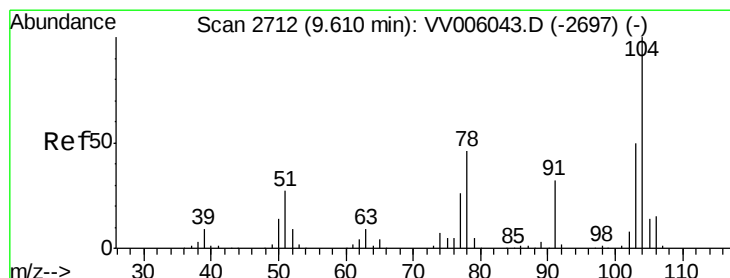
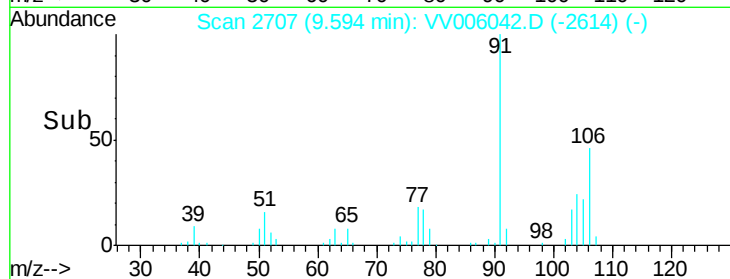
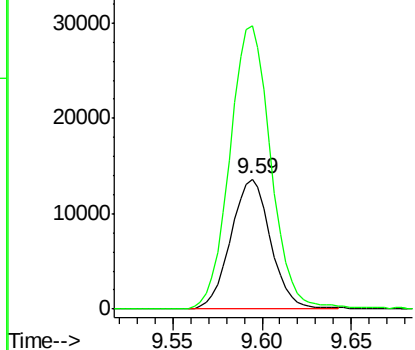


#54
o-xylene
Concen: 9.12 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion:106 Resp: 21203
Ion Ratio Lower Upper
106 100
91 217.9 155.7 289.1

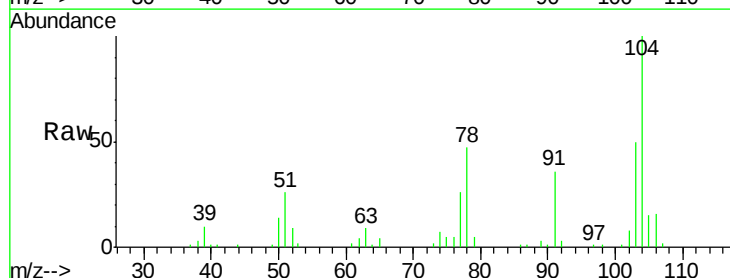


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

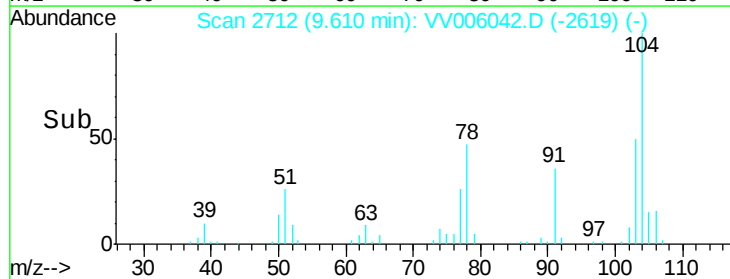
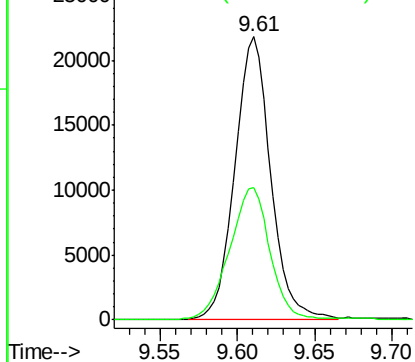


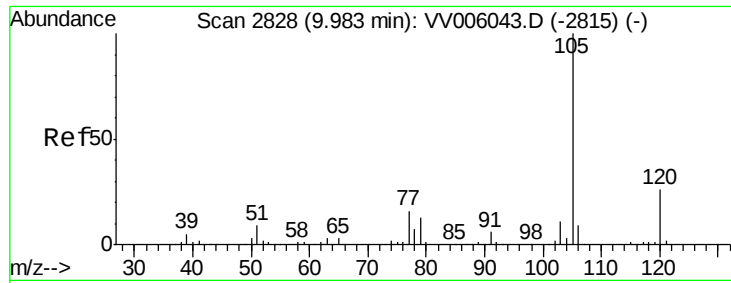
#55
Styrene
Concen: 8.81 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion:104 Resp: 35176
Ion Ratio Lower Upper
104 100
78 46.7 32.3 60.1



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





#56

Isopropylbenzene

Concen: 8.94 ug/L

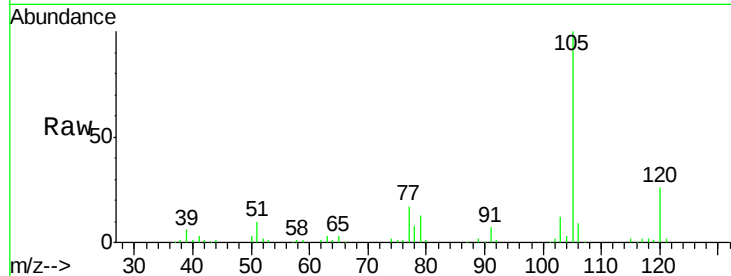
RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

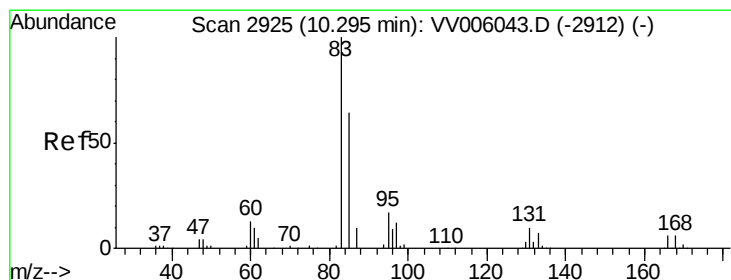
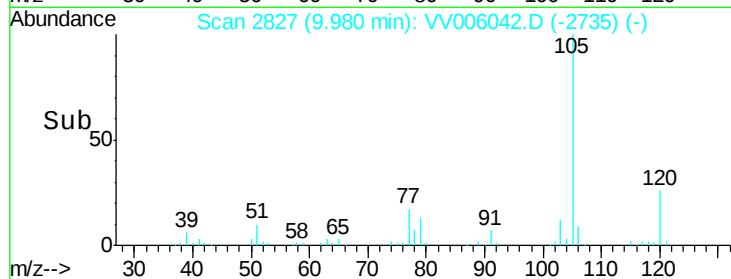
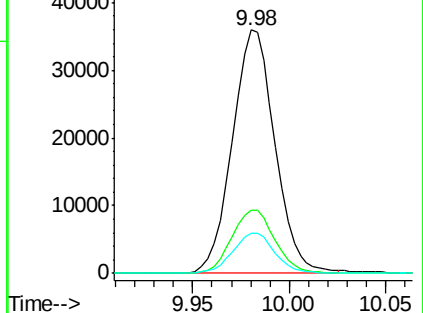
Tgt Ion:	105	Resp:	55090
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	31.0
77	16.4	12.9	19.3



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

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

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



#58

1,1,2,2-Tetrachloroethane

Concen: 10.32 ug/L

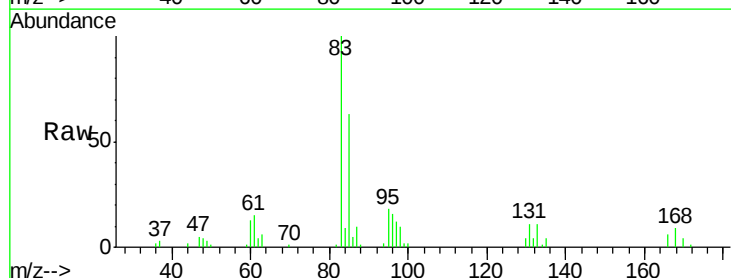
RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

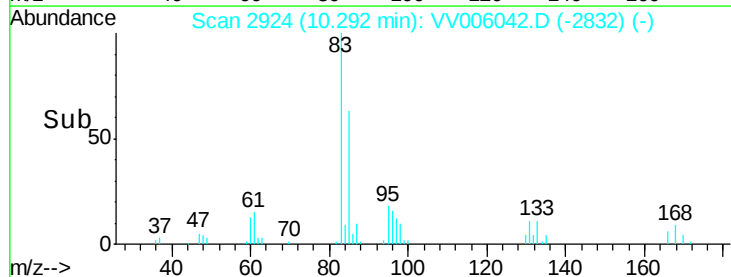
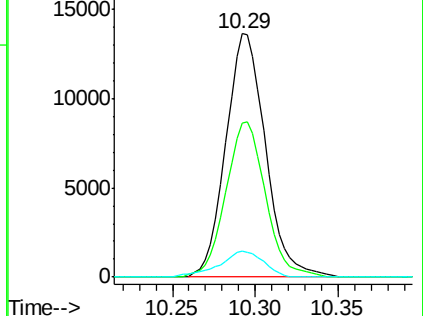
Tgt Ion:	83	Resp:	22711
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.4	84.2
131	10.5	8.5	12.7

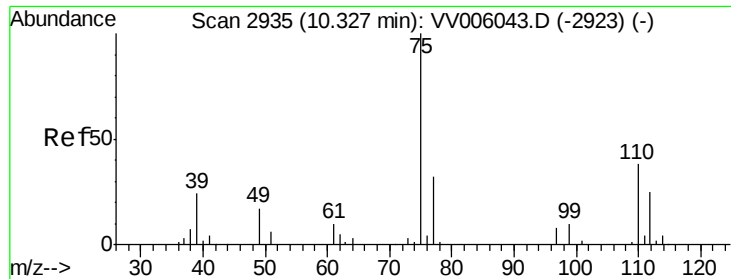


Abundance Ion 83.00 (82.70 to 83.70): VV006043.D (-2912) (-)

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

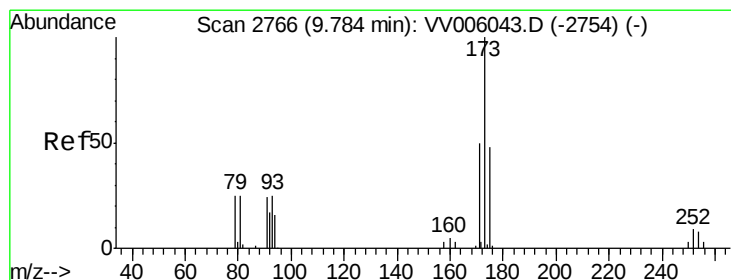
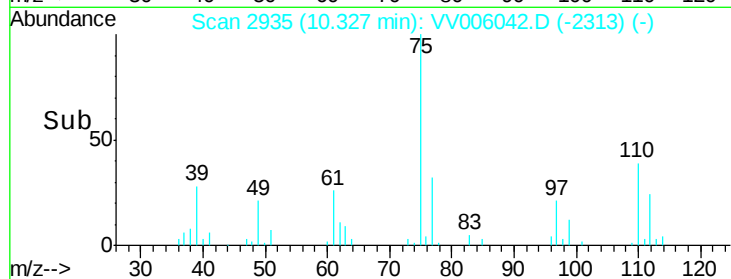
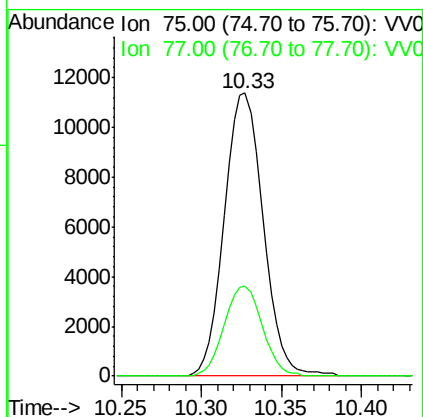
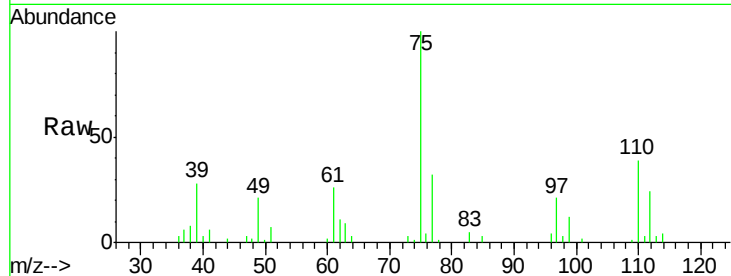
Ion 131.00 (130.70 to 131.70): VV006043.D (-2912) (-)





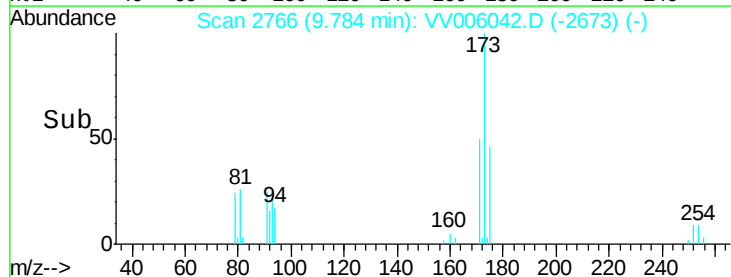
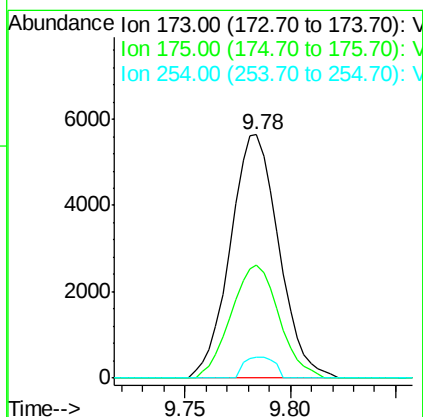
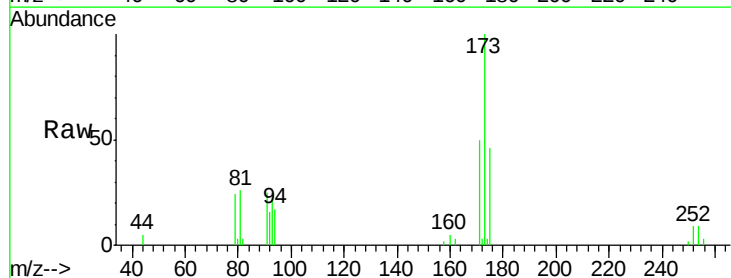
#59
 1,2,3-Trichloropropane
 Concen: 10.50 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

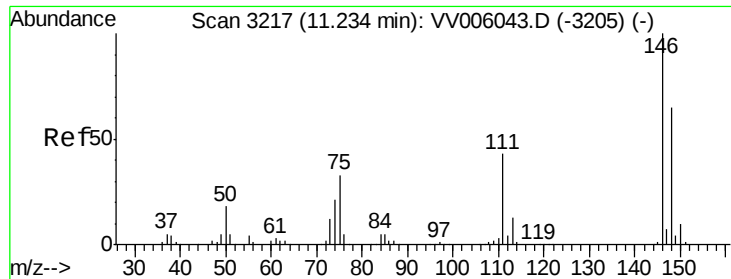
Tgt Ion: 75 Resp: 18886
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6



#61
 Bromoform
 Concen: 10.52 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion: 173 Resp: 9031
 Ion Ratio Lower Upper
 173 100
 175 45.9 38.6 57.8
 254 5.4 6.3 9.5#





#62

1,3-Dichlorobenzene

Concen: 10.49 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

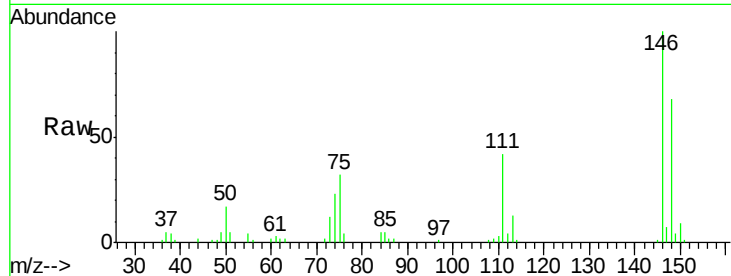
Tgt Ion:146 Resp: 24515

Ion Ratio Lower Upper

146 100

111 42.1 29.8 55.3

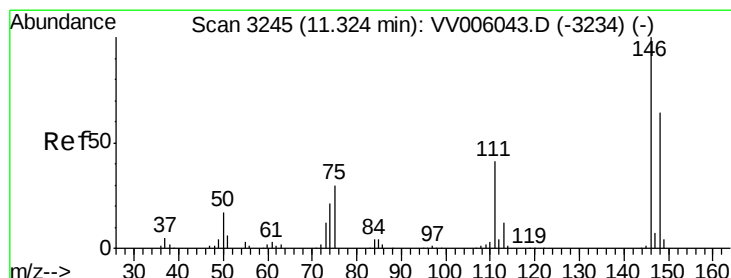
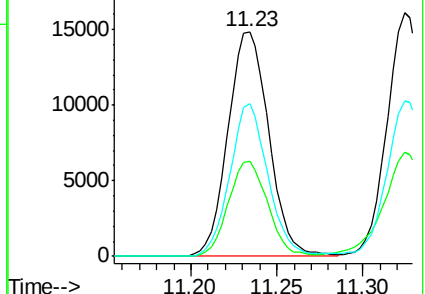
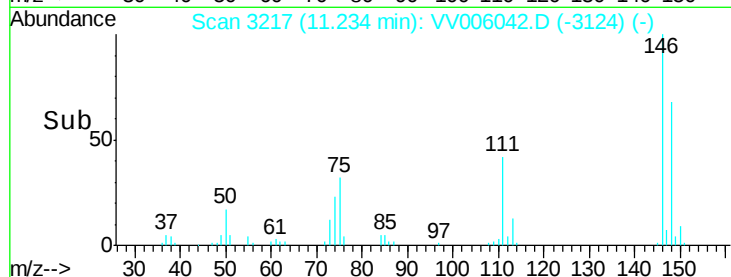
148 67.8 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 10.44 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

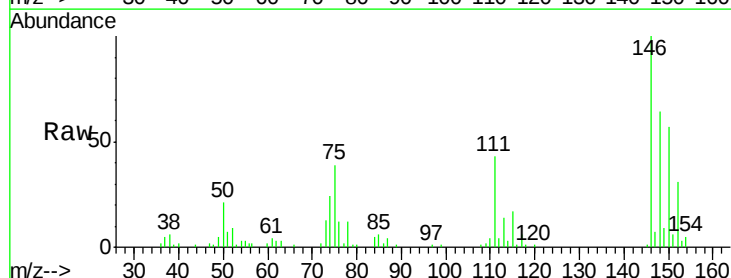
Tgt Ion:146 Resp: 25416

Ion Ratio Lower Upper

146 100

111 42.5 28.8 53.4

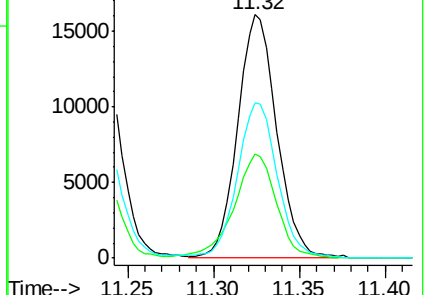
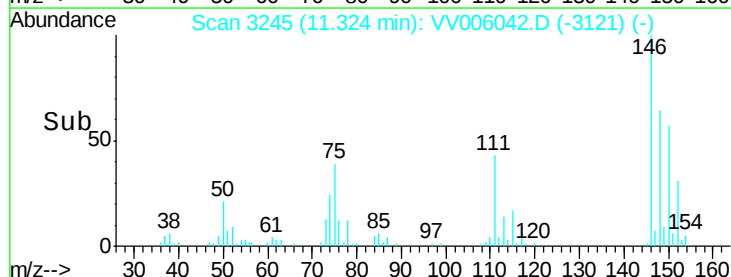
148 64.0 44.7 83.1

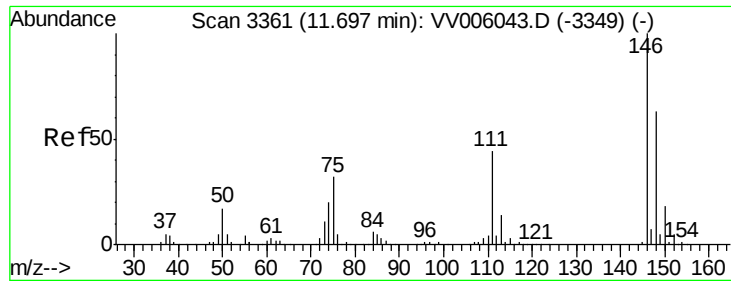


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.76 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

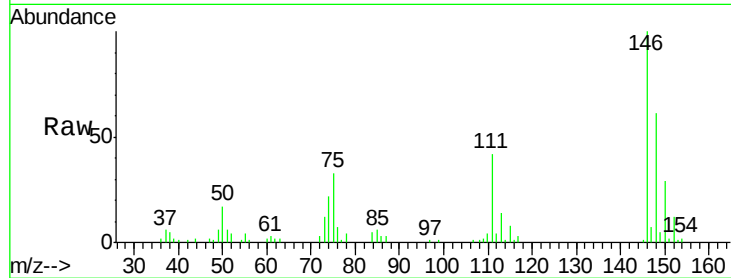
Tgt Ion: 146 Resp: 27356

Ion Ratio Lower Upper

146 100

111 42.3 35.3 52.9

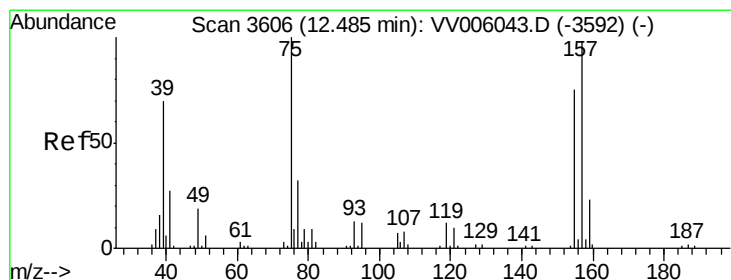
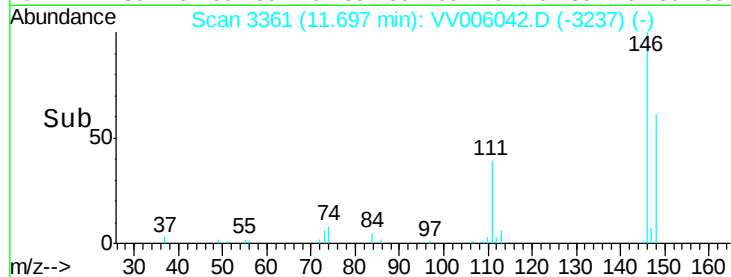
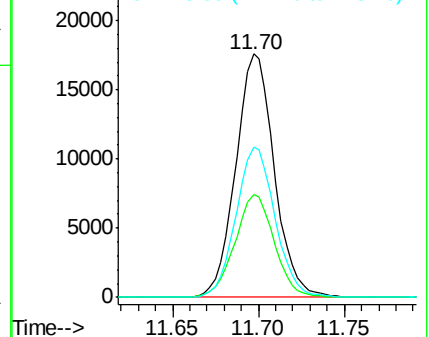
148 61.5 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 10.58 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006042.D

Acq: 25 May 2018 21:04

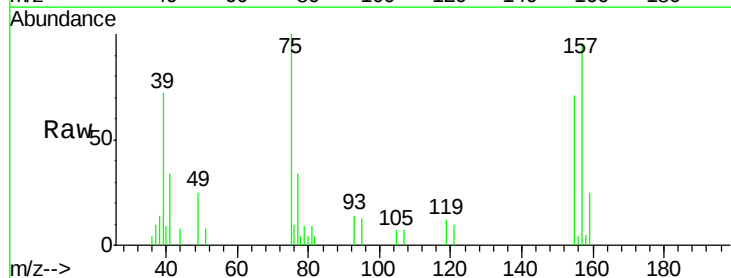
Tgt Ion: 75 Resp: 4469

Ion Ratio Lower Upper

75 100

155 70.9 60.1 90.1

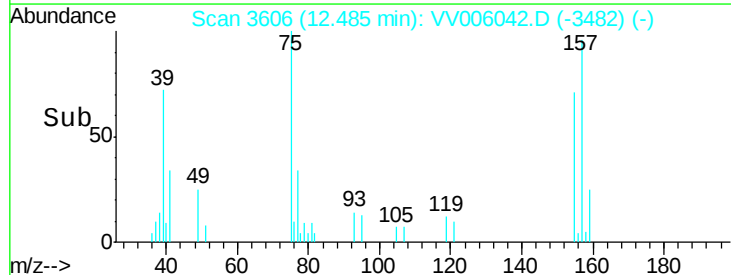
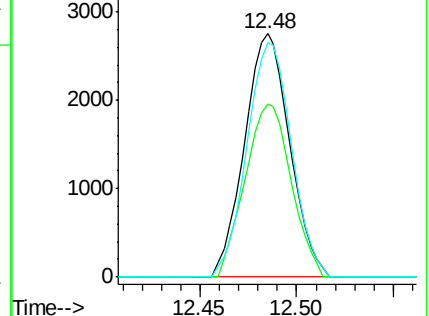
157 96.2 78.4 117.6

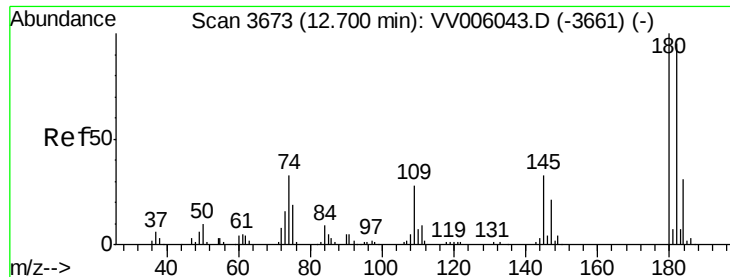


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

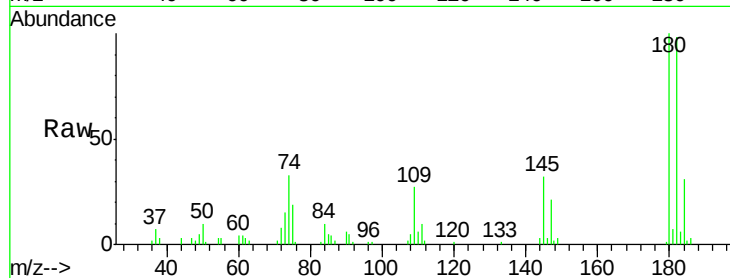
Ion 157.00 (156.70 to 157.70): V



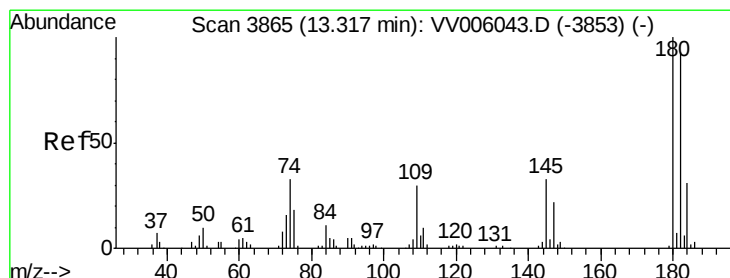
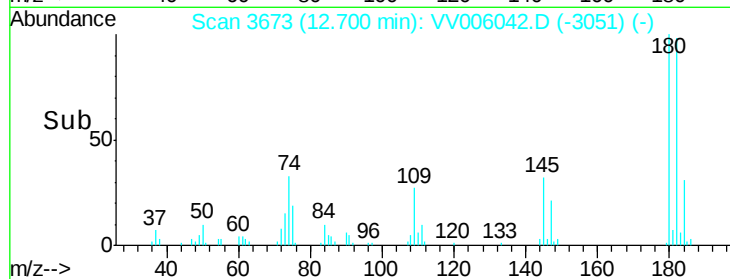
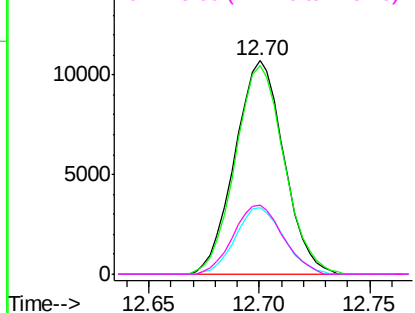


#67
 1,3,5-Trichlorobenzene
 Concen: 9.92 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion:	180	Resp:	16630
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.7	113.5
184	30.8	24.3	36.5
145	32.7	25.8	38.6

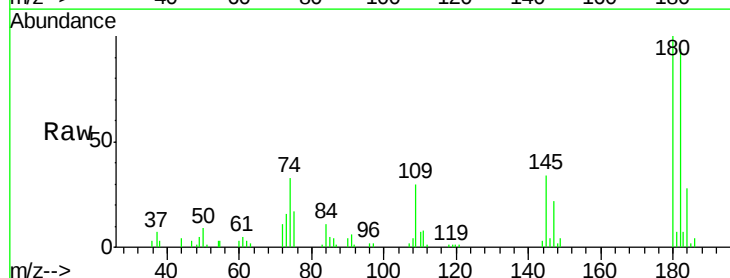


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

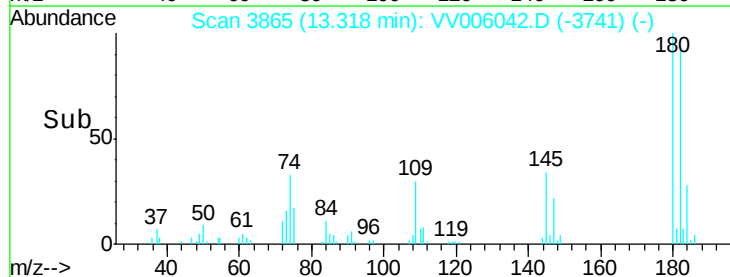
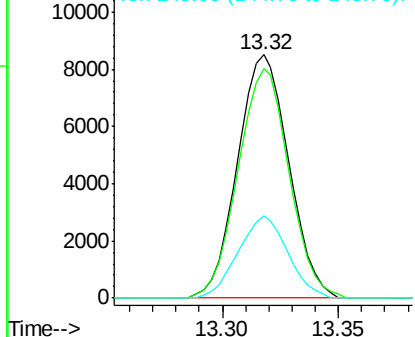


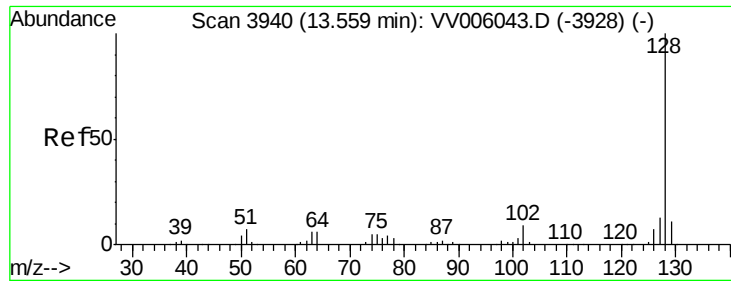
#68
 1,2,4-trichlorobenzene
 Concen: 9.30 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006042.D
 Acq: 25 May 2018 21:04

Tgt Ion:	180	Resp:	13072
Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.9	112.3
145	32.8	26.3	39.5



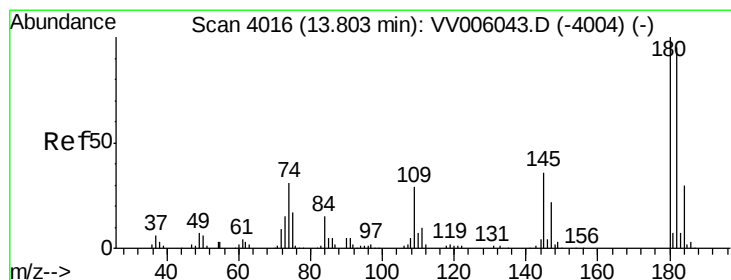
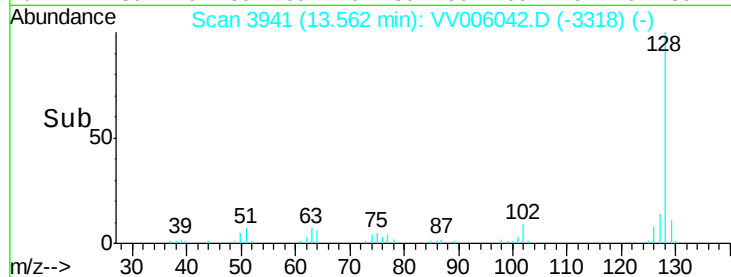
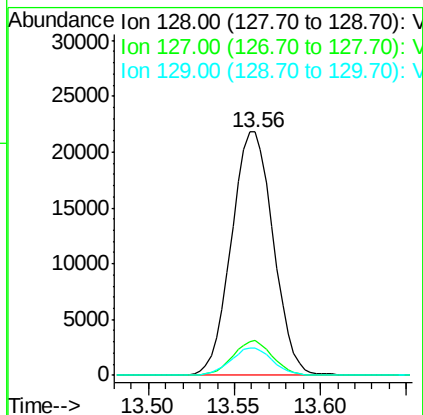
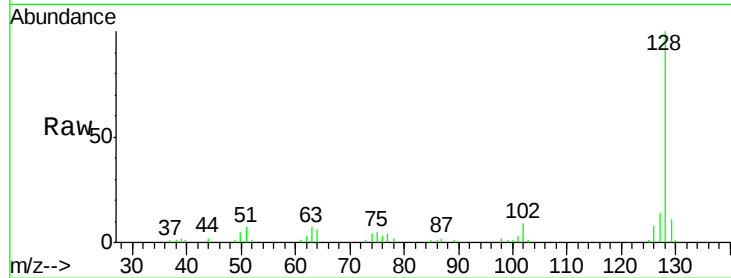
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 7.77 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion:128 Resp: 36852
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.0 8.8 13.2



#70
1,2,3-Trichlorobenzene
Concen: 9.72 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006042.D
Acq: 25 May 2018 21:04

Tgt Ion:180 Resp: 15066
Ion Ratio Lower Upper
180 100
182 91.4 76.2 114.2
145 33.9 28.6 42.8

