

Data File : VV006044.D
Acq On : 25 May 2018 21:56
Operator : SY/MD
Sample : VSTD10064
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 00:56:35 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	193832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182572	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135837	99.42	ug/L	0.00
7) Chloroethane-d5	1.57	69	96281	99.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	248059	98.47	ug/L	0.00
21) 2-Butanone-d5	3.95	46	154178	198.55	ug/L	0.00
24) Chloroform-d	4.41	84	256414	98.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	166352	98.85	ug/L	0.00
32) Benzene-d6	5.10	84	499829	101.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	156800	102.76	ug/L	0.00
41) Toluene-d8	7.37	98	473639	102.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	77092	104.35	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	136857	219.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	219247	102.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	177262	98.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	158205	91.86	ug/L	99
3) Chloromethane	1.26	50	168148	95.35	ug/L	100
5) Vinyl chloride	1.32	62	155148	94.43	ug/L	99
6) Bromomethane	1.52	94	65777	88.45	ug/L	98
8) Chloroethane	1.59	64	85763	91.22	ug/L	99
9) Trichlorofluoromethane	1.76	101	213371	94.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	120477	94.62	ug/L	99
12) 1,1-Dichloroethene	2.14	96	111296	95.53	ug/L	94
13) Acetone	2.19	43	138228	181.67	ug/L	100
14) Carbon disulfide	2.32	76	331431	96.32	ug/L	99
15) Methyl Acetate	2.46	43	153477	95.84	ug/L	99
16) Methylene chloride	2.54	84	128985	92.88	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	117793	94.59	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	403605	95.08	ug/L	100
19) 1,1-Dichloroethane	3.23	63	244508	94.69	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	145290	96.08	ug/L	97
22) 2-Butanone	4.03	43	214740	189.35	ug/L	99
23) Bromochloromethane	4.31	128	71115	95.44	ug/L	99
25) Chloroform	4.43	83	259503	95.38	ug/L	99
27) 1,2-Dichloroethane	5.19	62	208554	94.81	ug/L	100
29) Cyclohexane	4.73	56	221112	99.03	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	229649	96.94	ug/L	99
31) Carbon tetrachloride	4.88	117	200189	96.42	ug/L	99
33) Benzene	5.15	78	550511	95.74	ug/L	100
34) Trichloroethene	5.96	95	140145	97.47	ug/L	98
35) Methylcyclohexane	6.18	83	234317	101.27	ug/L	98
37) 1,2-Dichloropropane	6.23	63	144322	94.62	ug/L	100
38) Bromodichloromethane	6.56	83	192870	97.27	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	230402	100.12	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	407818	196.04	ug/L	99

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ALS Vial : 5 Sample Multiplier: 1

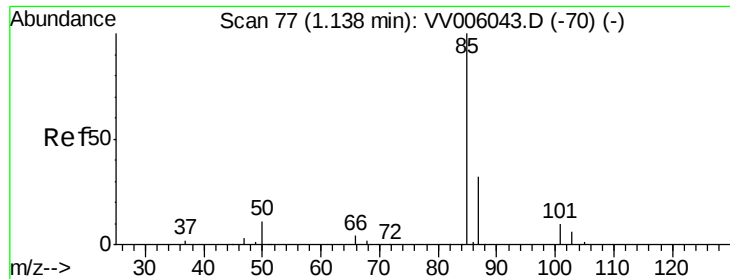
Quant Time: May 26 00:56:35 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	587685	97.07	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	217663	99.74	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	138787	96.50	ug/L	100
46) Tetrachloroethene	8.03	164	105824	98.99	ug/L	99
48) 2-Hexanone	8.19	43	313268	197.37	ug/L	99
49) Dibromochloromethane	8.30	129	155136	98.84	ug/L	99
50) 1,2-Dibromoethane	8.40	107	144688	97.29	ug/L	98
51) Chlorobenzene	8.93	112	375992	96.22	ug/L	100
52) Ethylbenzene	9.06	91	665263	99.05	ug/L	99
53) m,p-Xylene	9.19	106	249079	99.43	ug/L	100
54) o-xylene	9.59	106	244480	96.97	ug/L	100
55) Styrene	9.61	104	428805	99.03	ug/L	100
56) Isopropylbenzene	9.98	105	662208	99.16	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	230734	96.67	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	187298	96.04	ug/L	100
61) Bromoform	9.78	173	103927	96.59	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	283202	96.65	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	291329	95.44	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	299222	93.86	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	50910	96.13	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	207161	98.51	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	180998	102.75	ug/L	99
69) Naphthalene	13.56	128	618972	104.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	193786	99.70	ug/L	99

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

ALS Vial : 5 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 91.86 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006044.D

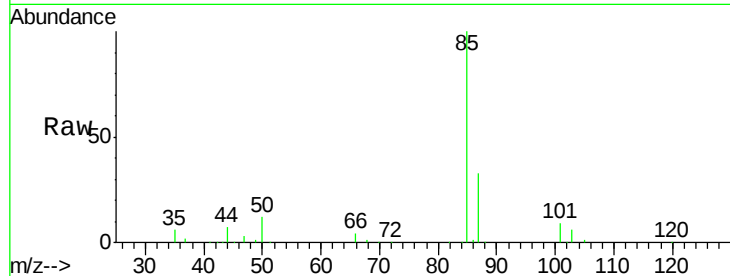
Acq: 25 May 2018 21:56

Tgt Ion: 85 Resp: 158205

Ion Ratio Lower Upper

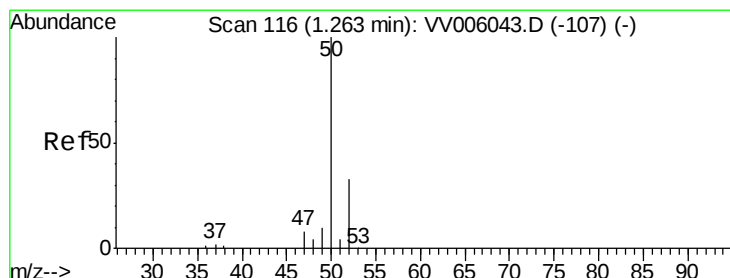
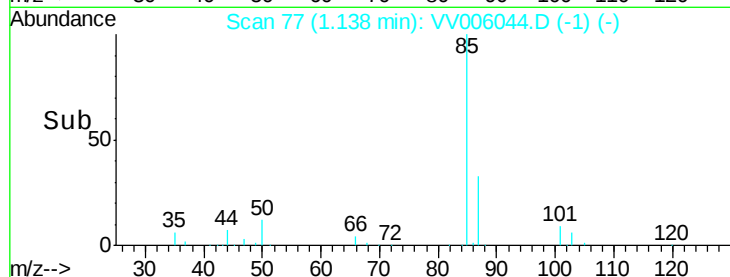
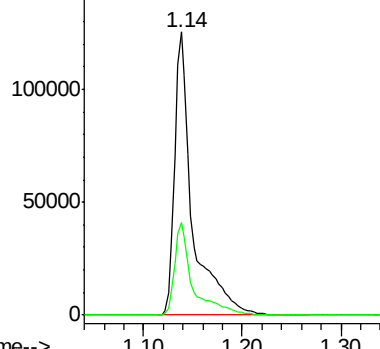
85 100

87 32.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 95.35 ug/L

RT: 1.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: VV006044.D

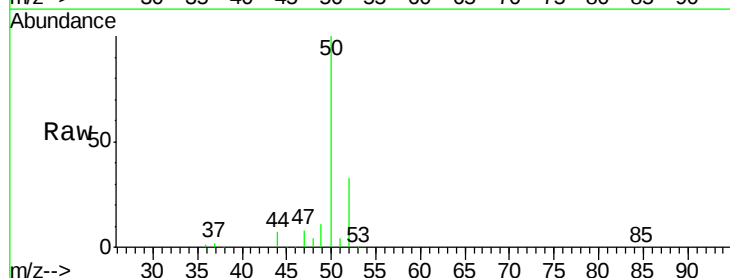
Acq: 25 May 2018 21:56

Tgt Ion: 50 Resp: 168148

Ion Ratio Lower Upper

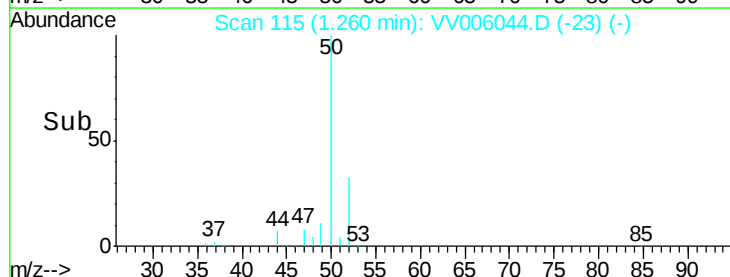
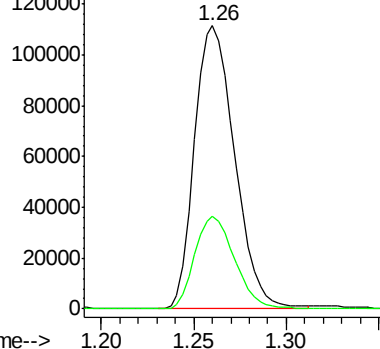
50 100

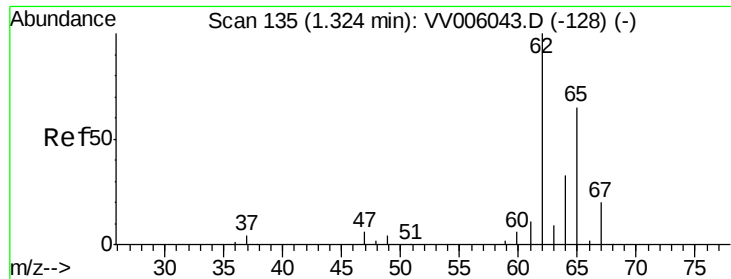
52 32.6 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 94.43 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006044.D

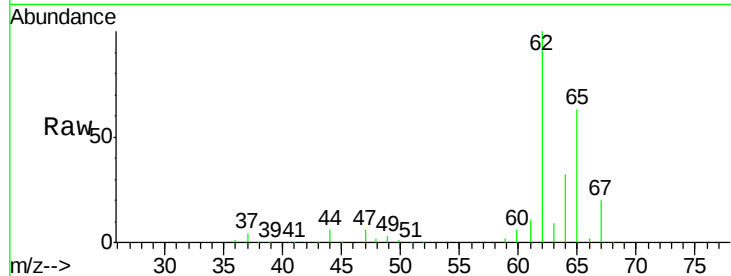
Acq: 25 May 2018 21:56

Tgt Ion: 62 Resp: 155148

Ion Ratio Lower Upper

62 100

64 32.2 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

150000

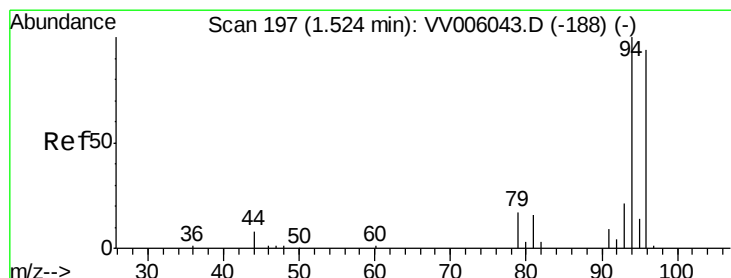
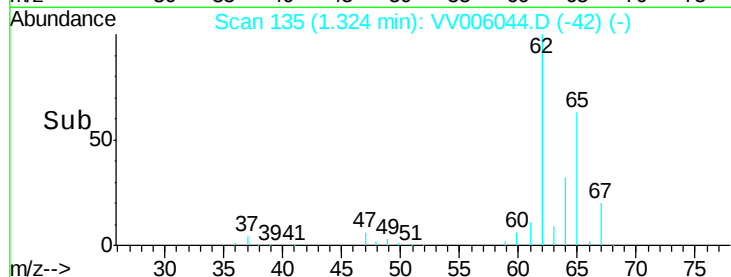
100000

50000

0

Time-->

1.25 1.30 1.35 1.40 1.45



#6

Bromomethane

Concen: 88.45 ug/L

RT: 1.52 min Scan# 195

Delta R.T. -0.01 min

Lab File: VV006044.D

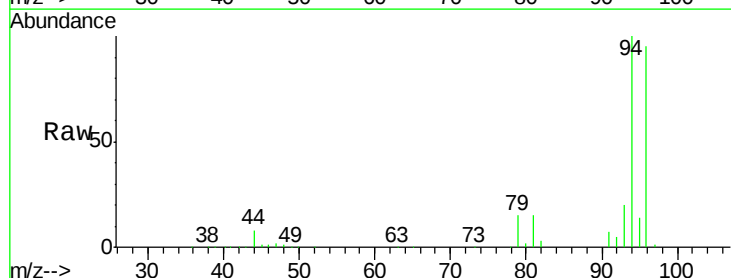
Acq: 25 May 2018 21:56

Tgt Ion: 94 Resp: 65777

Ion Ratio Lower Upper

94 100

96 95.2 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.52

60000

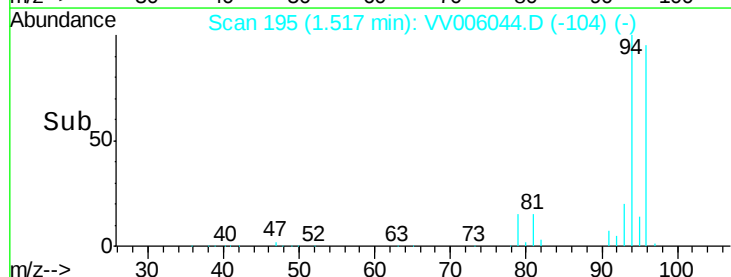
40000

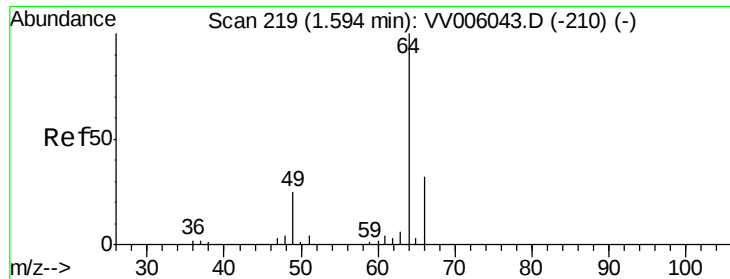
20000

0

Time-->

1.50 1.55





#8

Chloroethane

Concen: 91.22 ug/L

RT: 1.59 min Scan# 218

Delta R.T. -0.00 min

Lab File: VV006044.D

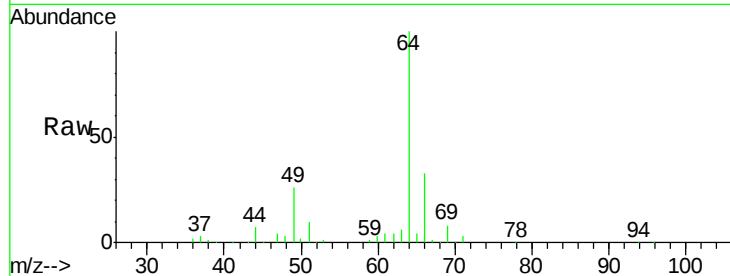
Acq: 25 May 2018 21:56

Tgt Ion: 64 Resp: 85763

Ion Ratio Lower Upper

64 100

66 33.1 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV006043.D (-210) (-)

Ion 66.00 (65.70 to 66.70): VV006043.D (-210) (-)

1.59

60000

40000

20000

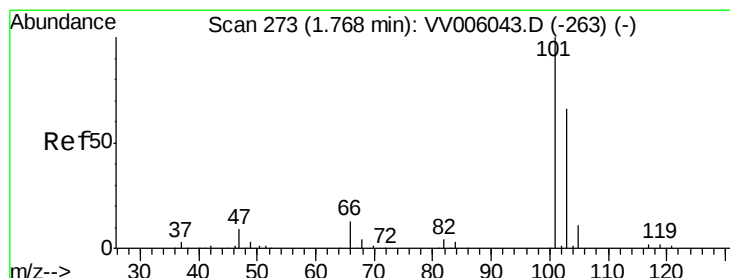
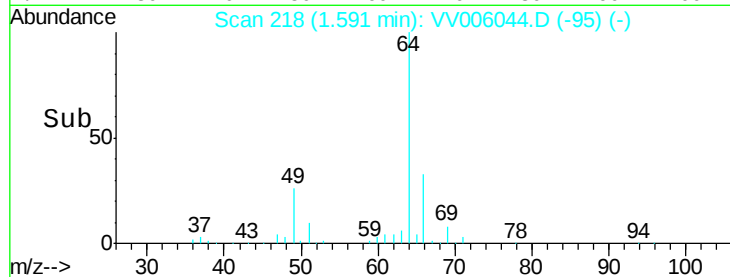
0

Time-->

1.50

1.60

1.70



#9

Trichlorofluoromethane

Concen: 94.88 ug/L

RT: 1.76 min Scan# 272

Delta R.T. -0.00 min

Lab File: VV006044.D

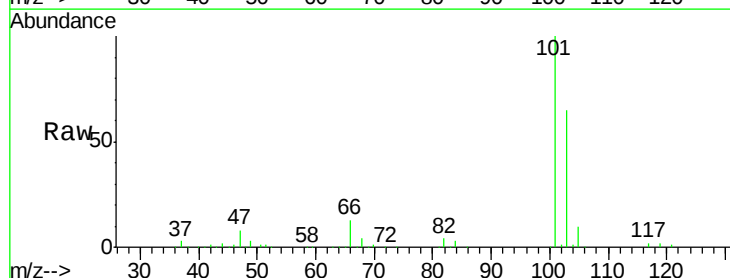
Acq: 25 May 2018 21:56

Tgt Ion: 101 Resp: 213371

Ion Ratio Lower Upper

101 100

103 64.8 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): VV006043.D (-263) (-)

Ion 103.00 (102.70 to 103.70): VV006043.D (-263) (-)

1.76

150000

100000

50000

0

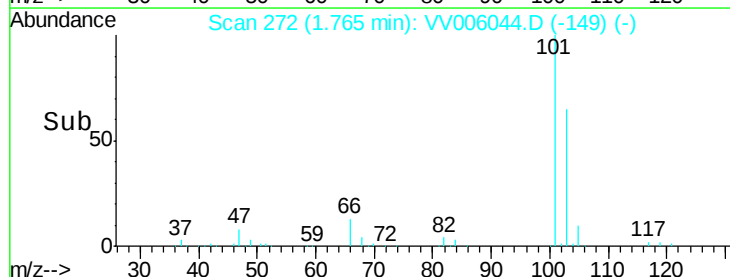
Time-->

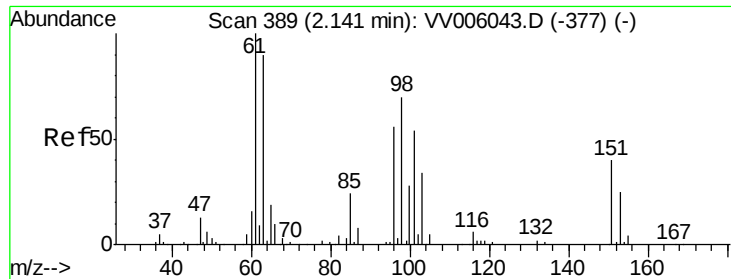
1.70

1.75

1.80

1.85





#10

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

Concen: 94.62 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

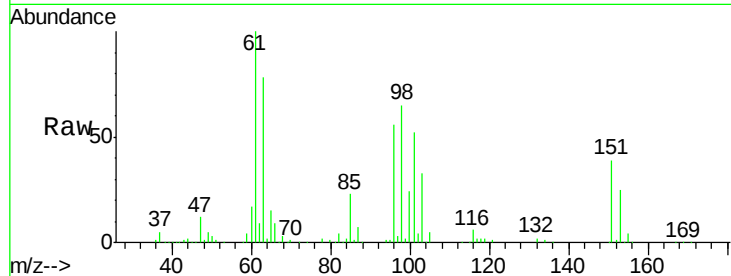
Tgt Ion: 101 Resp: 120477

Ion Ratio Lower Upper

101 100

85 43.5 35.5 53.3

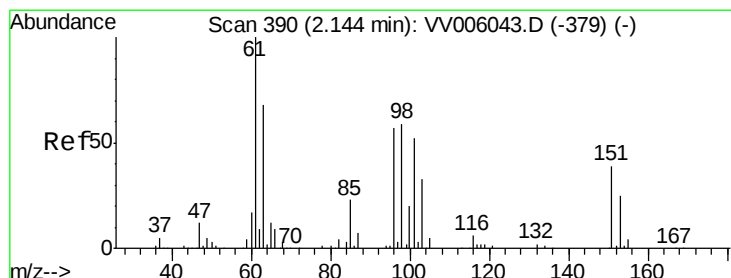
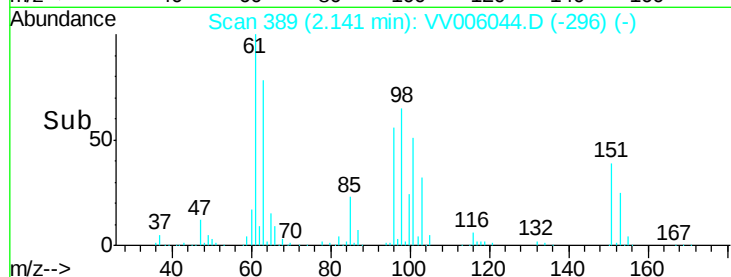
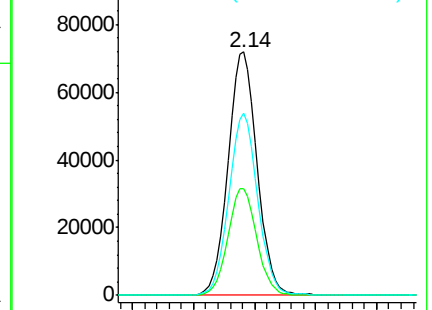
151 74.4 58.8 88.2



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: 95.53 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

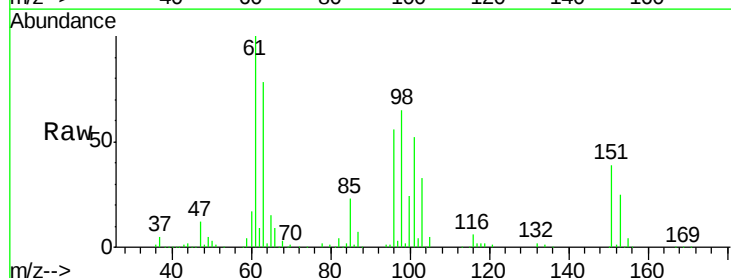
Tgt Ion: 96 Resp: 111296

Ion Ratio Lower Upper

96 100

61 177.3 122.5 227.5

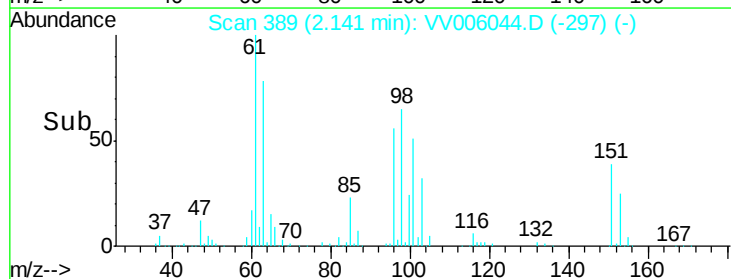
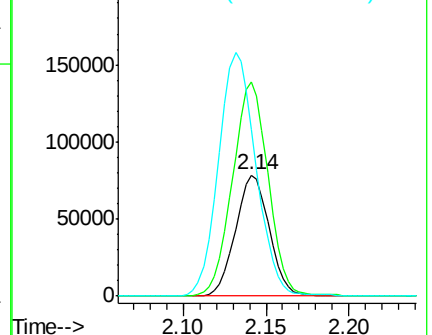
63 138.2 86.9 161.5

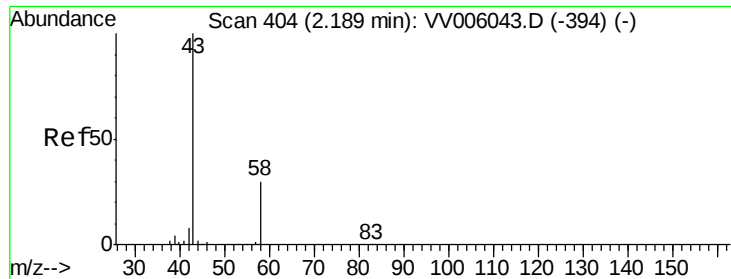


Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-379) (-)

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: 181.67 ug/L

RT: 2.19 min Scan# 404

Delta R.T. 0.00 min

Lab File: VV006044.D

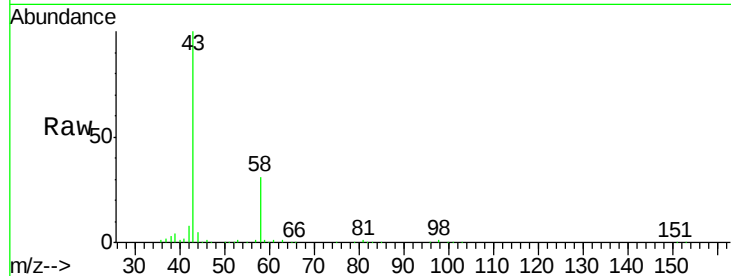
Acq: 25 May 2018 21:56

Tgt Ion: 43 Resp: 138228

Ion Ratio Lower Upper

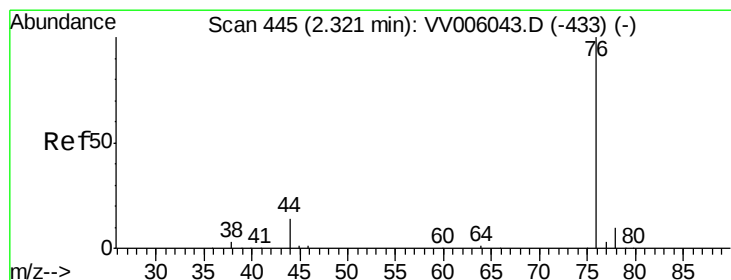
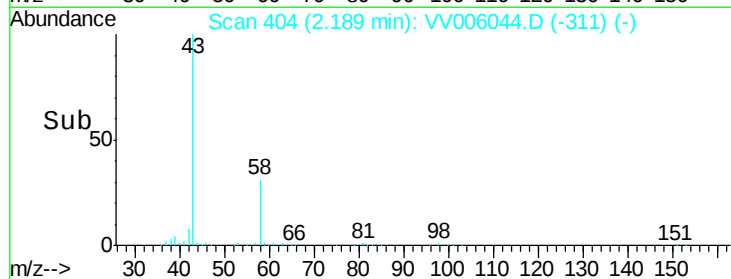
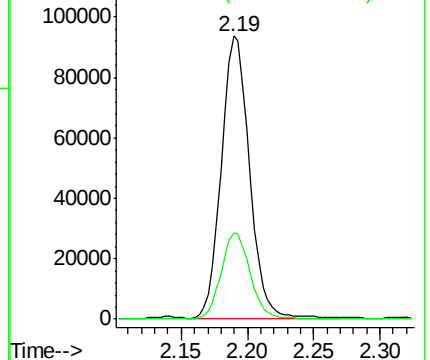
43 100

58 31.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 96.32 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006044.D

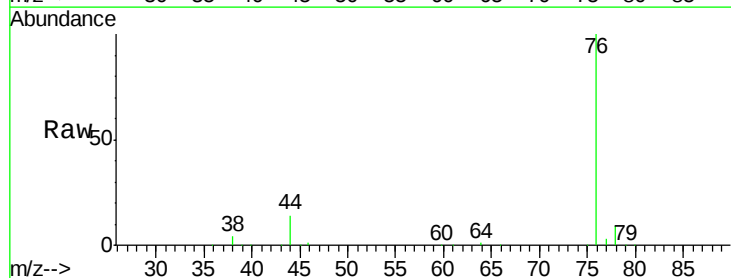
Acq: 25 May 2018 21:56

Tgt Ion: 76 Resp: 331431

Ion Ratio Lower Upper

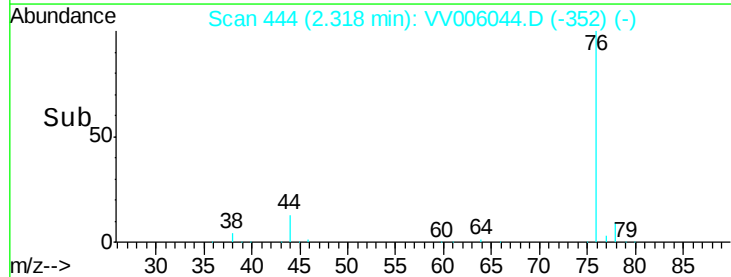
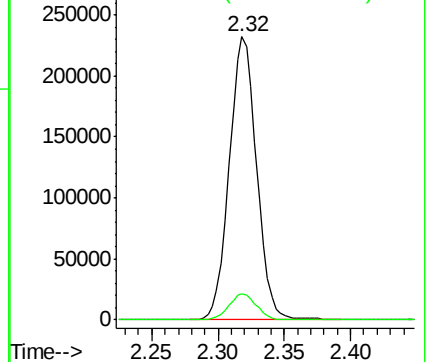
76 100

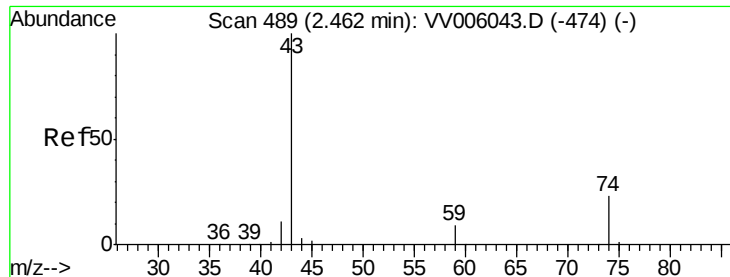
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methyl Acetate

Concen: 95.84 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006044.D

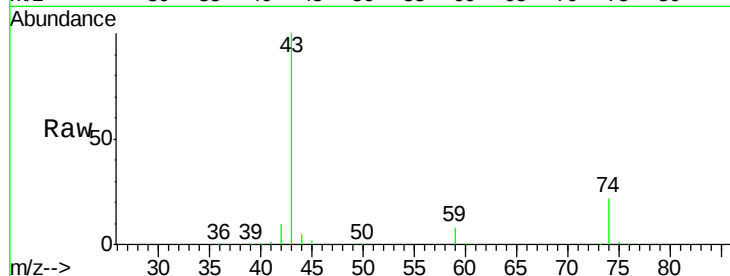
Acq: 25 May 2018 21:56

Tgt Ion: 43 Resp: 153477

Ion Ratio Lower Upper

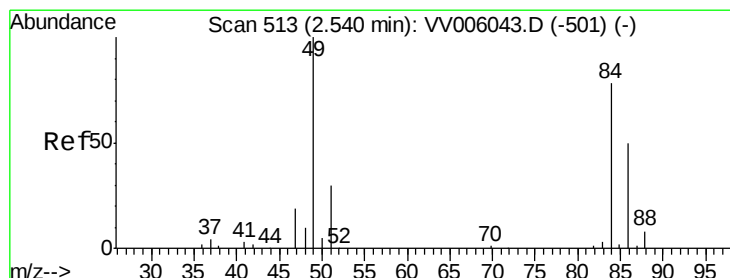
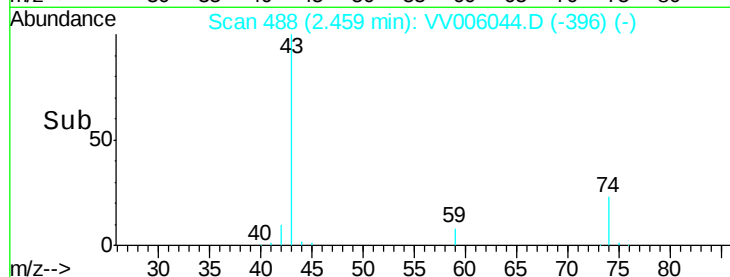
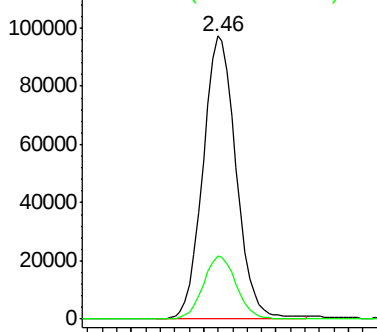
43 100

74 22.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 92.88 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

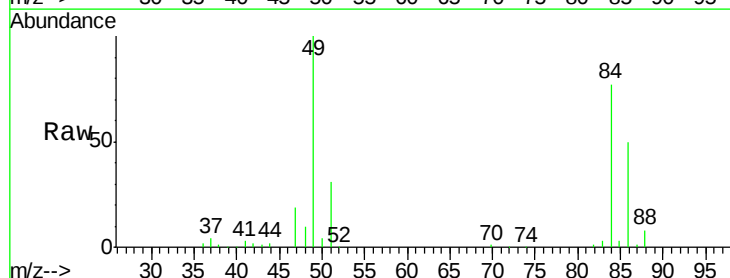
Tgt Ion: 84 Resp: 128985

Ion Ratio Lower Upper

84 100

86 65.3 45.1 83.7

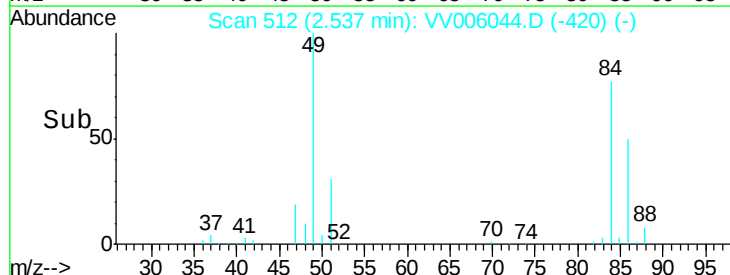
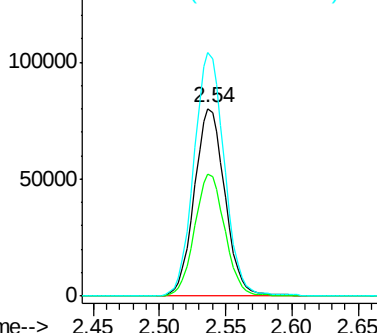
49 129.6 90.2 167.6

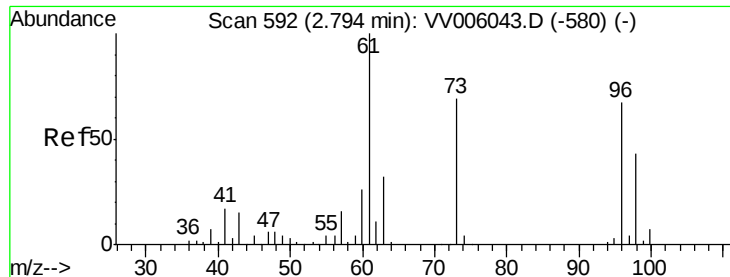


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 94.59 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

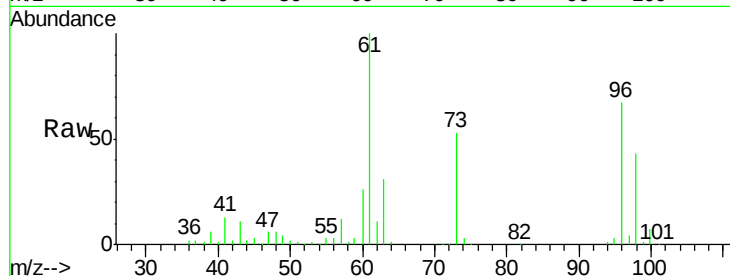
Tgt Ion: 96 Resp: 117793

Ion Ratio Lower Upper

96 100

61 148.7 104.9 194.7

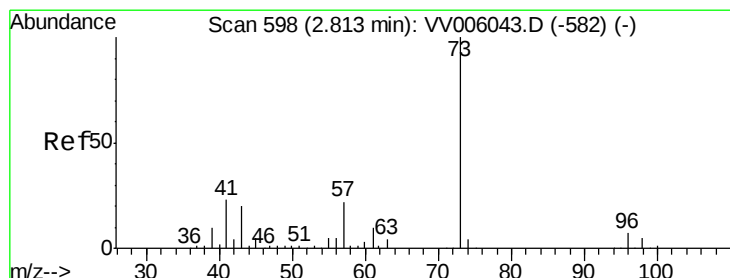
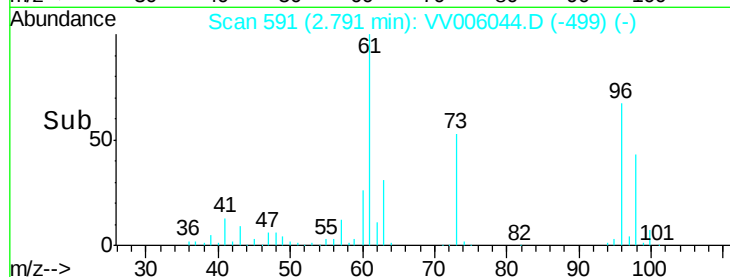
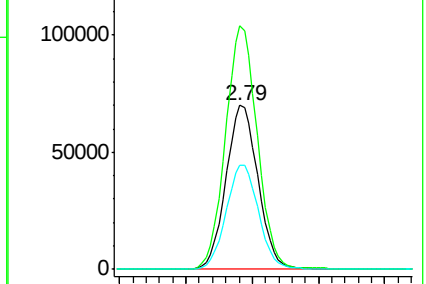
98 63.8 44.9 83.3



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: 95.08 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

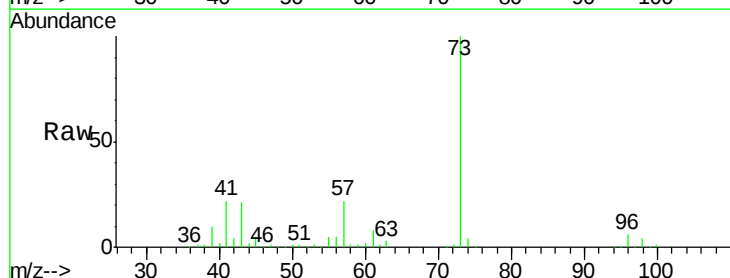
Tgt Ion: 73 Resp: 403605

Ion Ratio Lower Upper

73 100

43 20.3 16.2 24.2

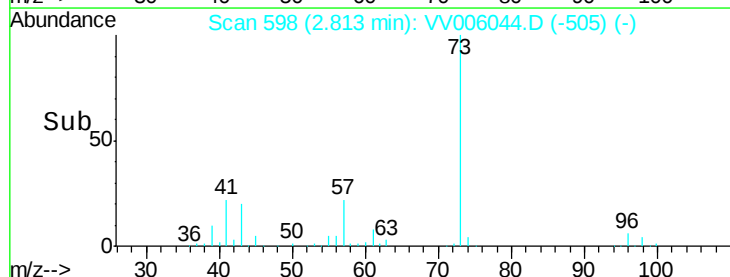
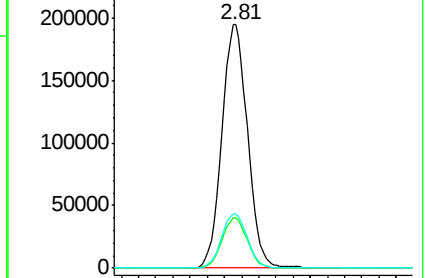
57 22.5 17.8 26.8

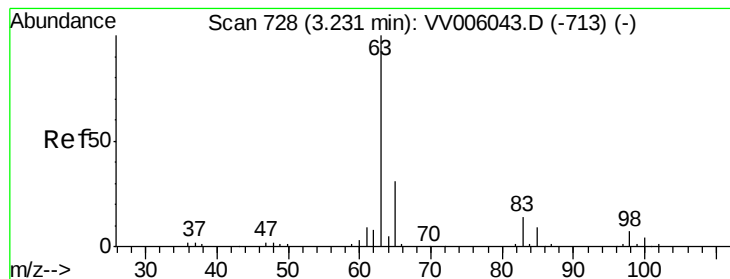


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 94.69 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

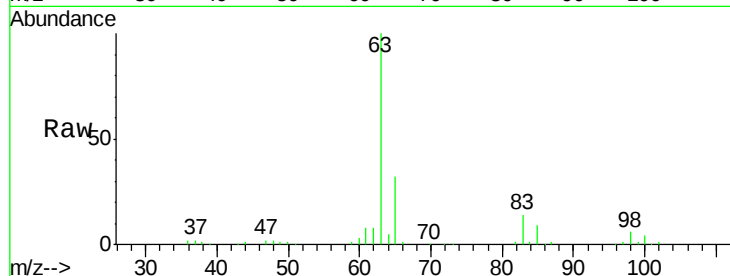
Tgt Ion: 63 Resp: 244508

Ion Ratio Lower Upper

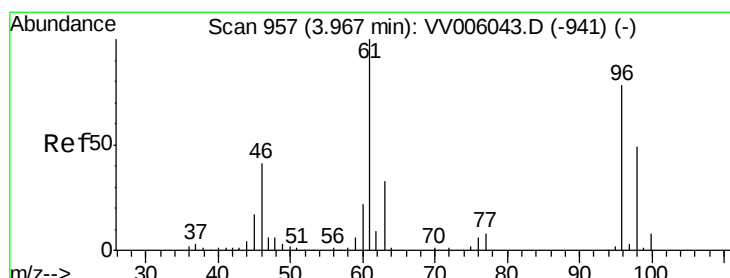
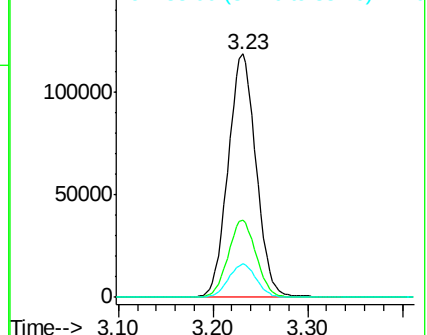
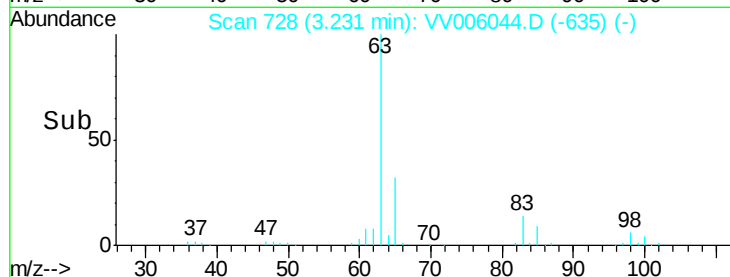
63 100

65 31.9 21.9 40.7

83 13.6 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV006044.D (-635) (-)



#20

cis-1,2-Dichloroethene

Concen: 96.08 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

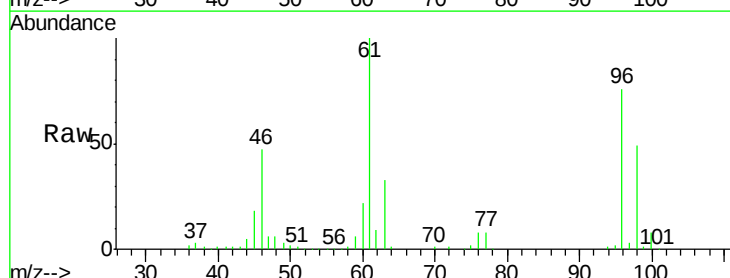
Tgt Ion: 96 Resp: 145290

Ion Ratio Lower Upper

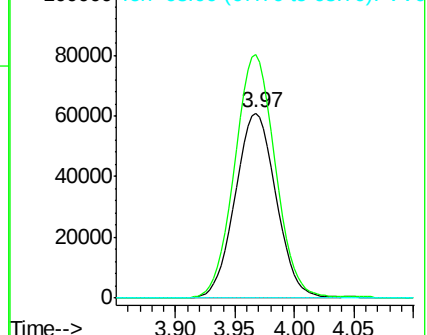
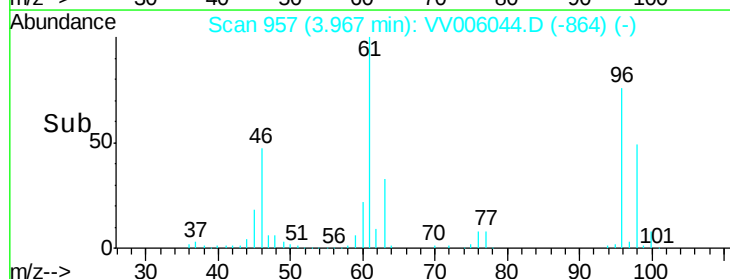
96 100

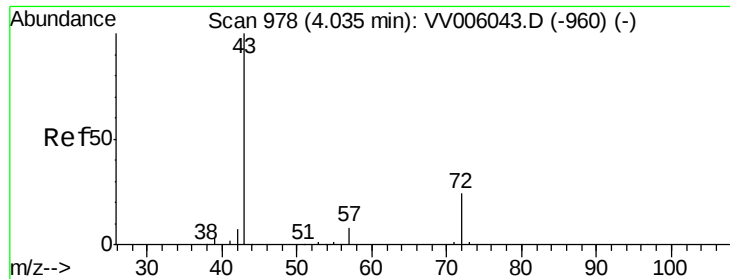
61 131.4 89.9 167.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006044.D (-864) (-)





#22

2-Butanone

Concen: 189.35 ug/L

RT: 4.03 min Scan# 978

Delta R.T. 0.00 min

Lab File: VV006044.D

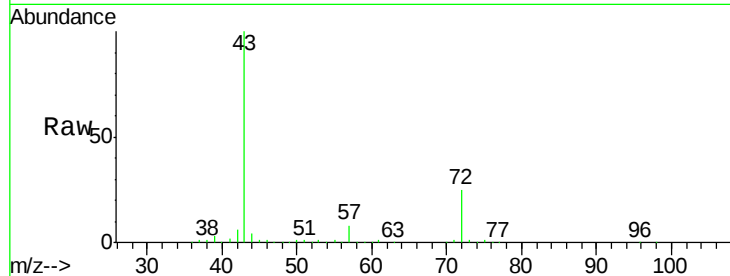
Acq: 25 May 2018 21:56

Tgt Ion: 43 Resp: 214740

Ion Ratio Lower Upper

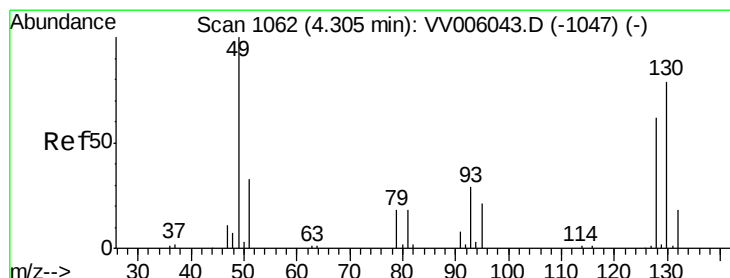
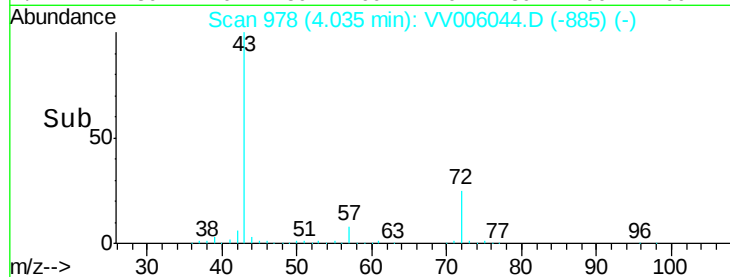
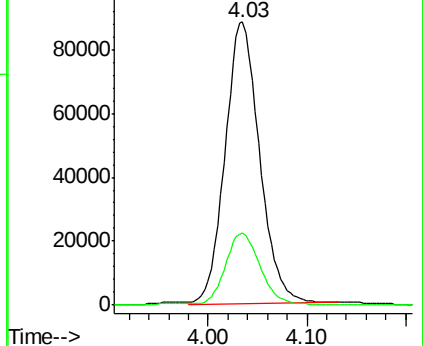
43 100

72 25.1 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV006044.D (-885) (-)

Ion 72.00 (71.70 to 72.70): VV006044.D (-885) (-)



#23

Bromochloromethane

Concen: 95.44 ug/L

RT: 4.31 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

Tgt Ion: 128 Resp: 71115

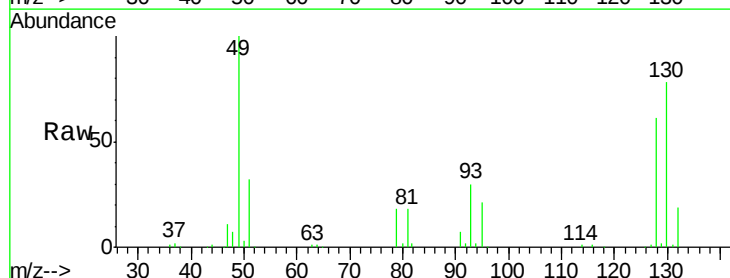
Ion Ratio Lower Upper

128 100

49 164.8 114.0 211.8

130 128.5 90.0 167.2

51 52.0 42.1 63.1

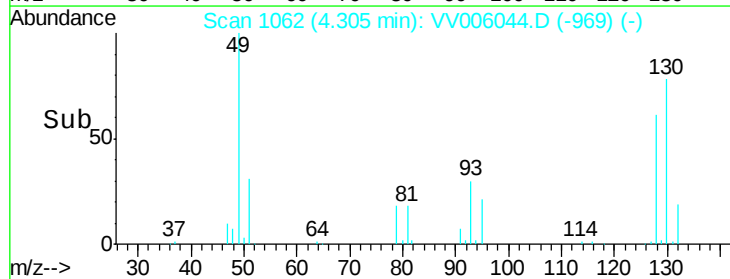
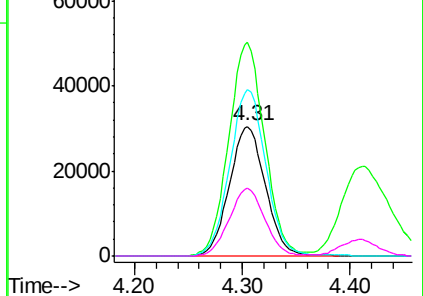


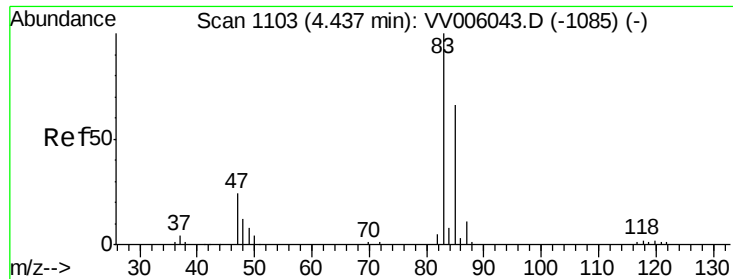
Abundance Ion 128.00 (127.70 to 128.70): VV006044.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006044.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006044.D (-969) (-)

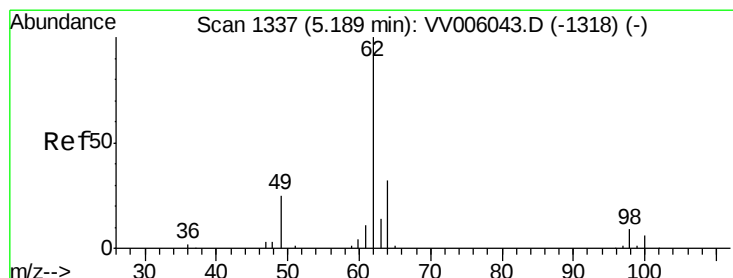
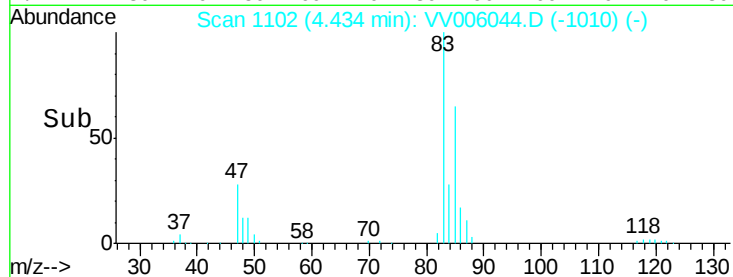
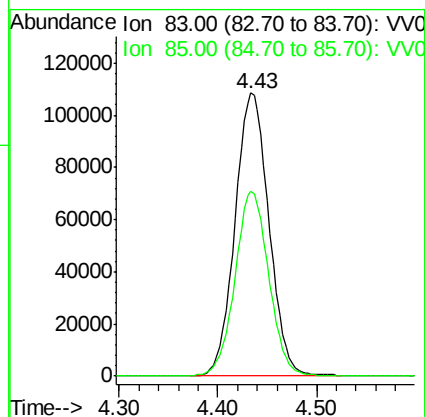
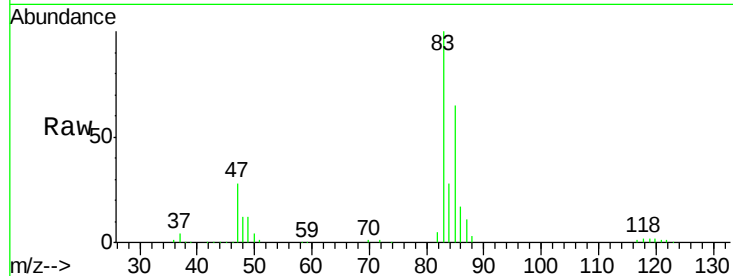
Ion 51.00 (50.70 to 51.70): VV006044.D (-969) (-)





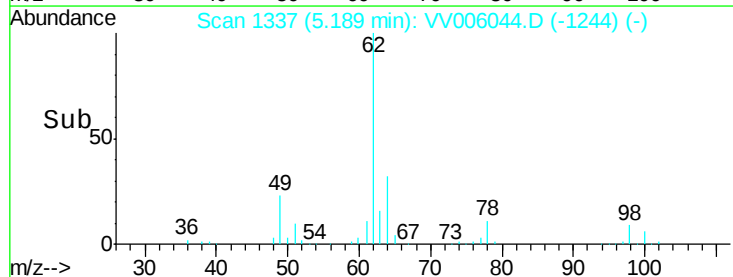
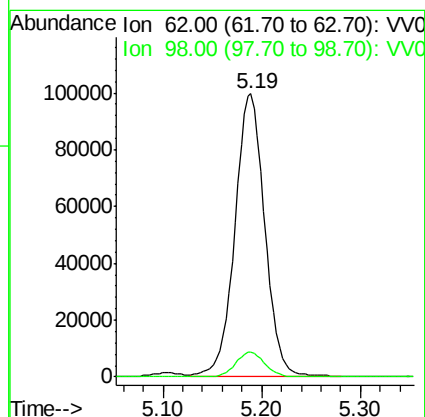
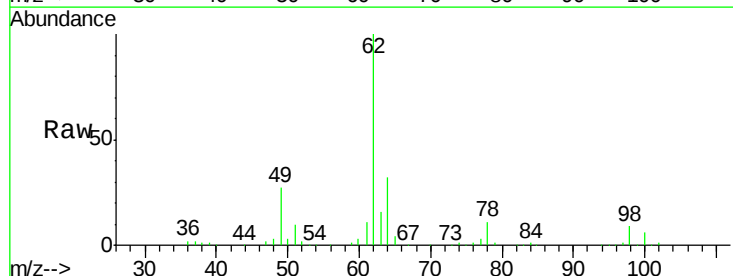
#25
Chloroform
Concen: 95.38 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

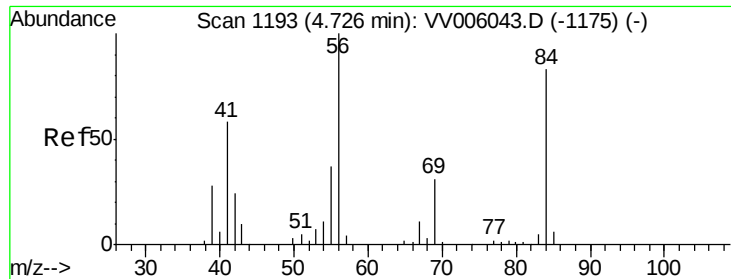
Tgt Ion: 83 Resp: 259503
Ion Ratio Lower Upper
83 100
85 65.4 46.2 85.8



#27
1,2-Dichloroethane
Concen: 94.81 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

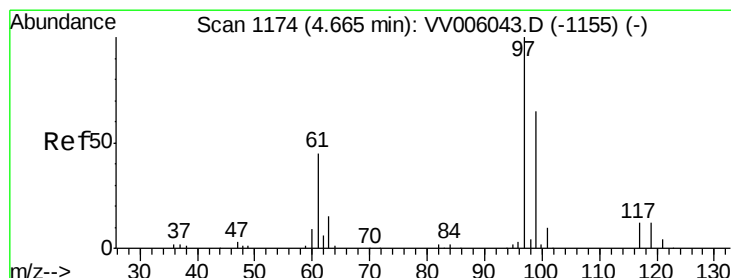
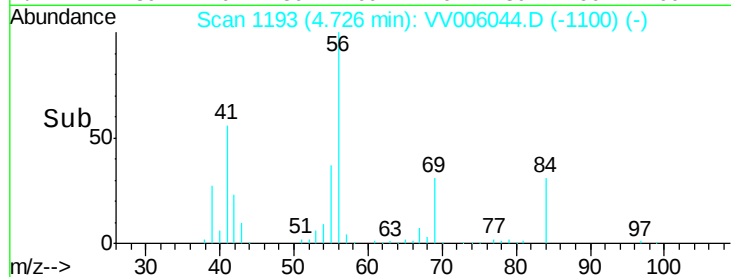
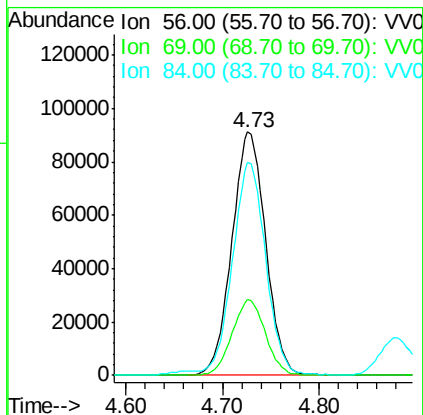
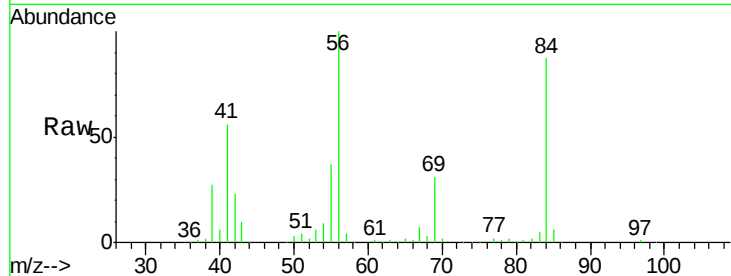
Tgt Ion: 62 Resp: 208554
Ion Ratio Lower Upper
62 100
98 8.9 7.3 10.9





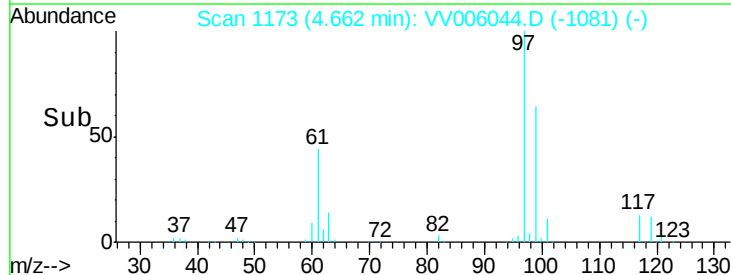
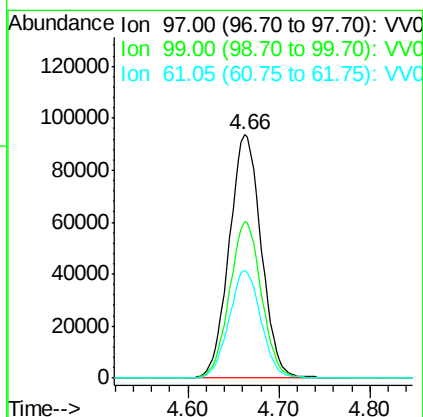
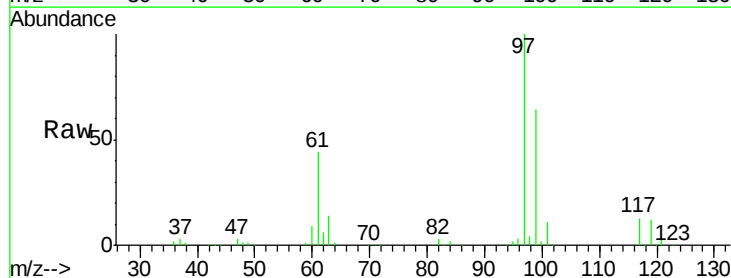
#29
Cyclohexane
Concen: 99.03 ug/L
RT: 4.73 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

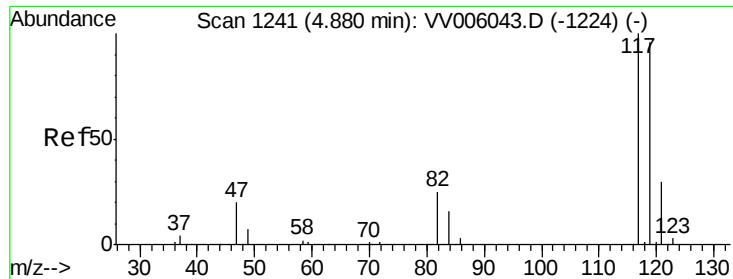
Tgt Ion: 56 Resp: 221112
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 85.2 70.3 105.5



#30
1,1,1-Trichloroethane
Concen: 96.94 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

Tgt Ion: 97 Resp: 229649
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 44.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 96.42 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV006044.D

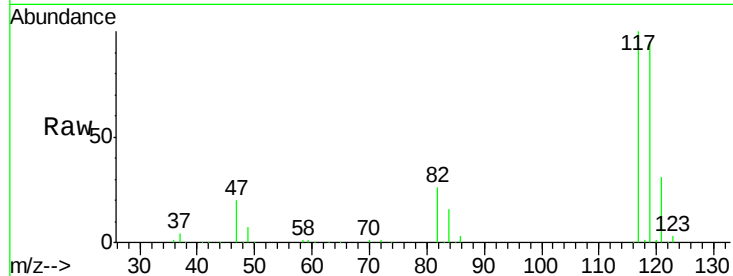
Acq: 25 May 2018 21:56

Tgt Ion: 117 Resp: 200189

Ion Ratio Lower Upper

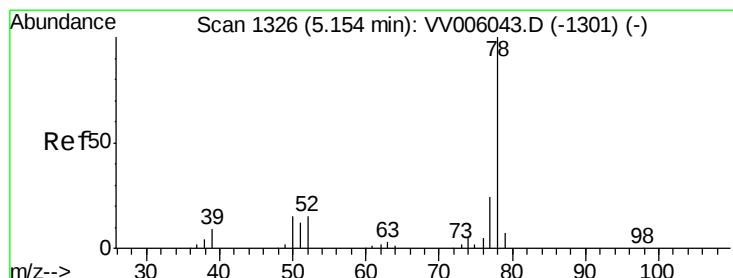
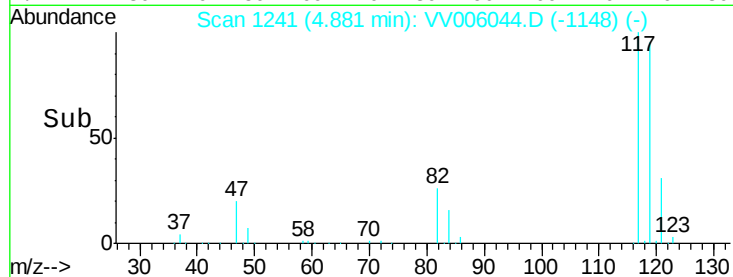
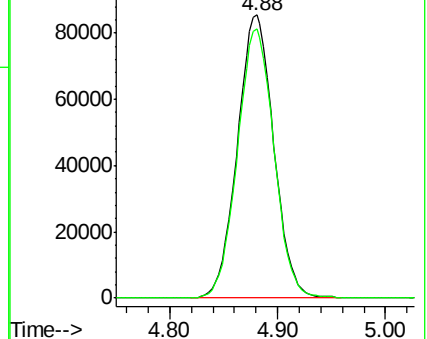
117 100

119 95.8 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: 95.74 ug/L

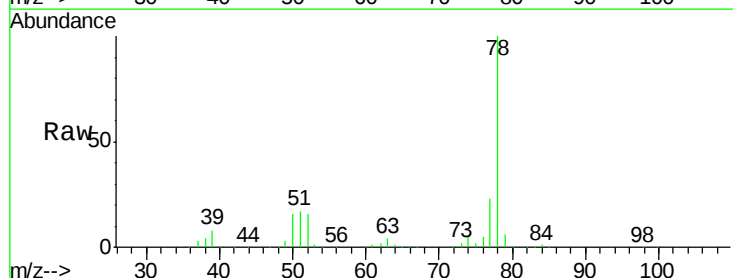
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

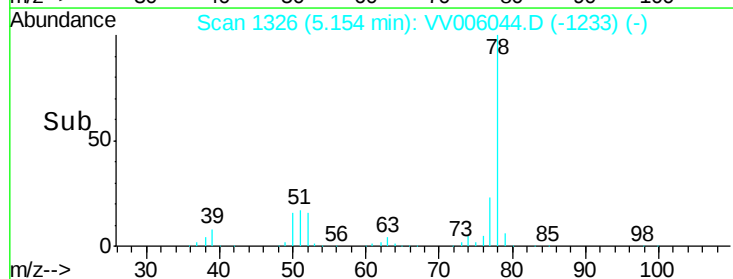
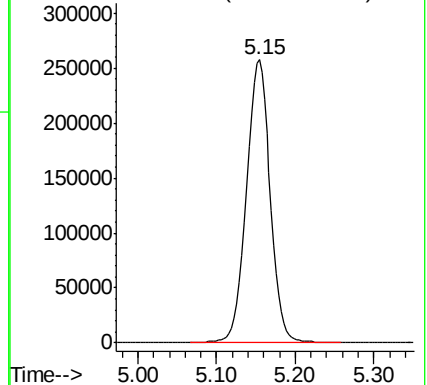
Lab File: VV006044.D

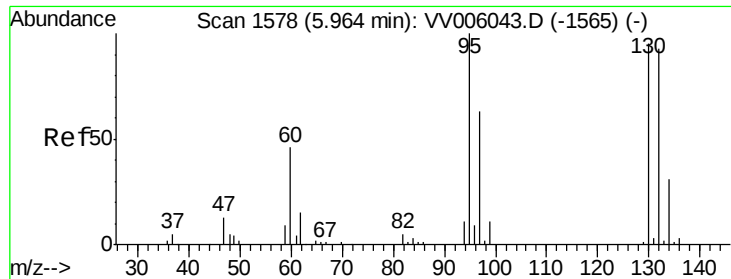
Acq: 25 May 2018 21:56

Tgt Ion: 78 Resp: 550511



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 97.47 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

Tgt Ion: 95 Resp: 140145

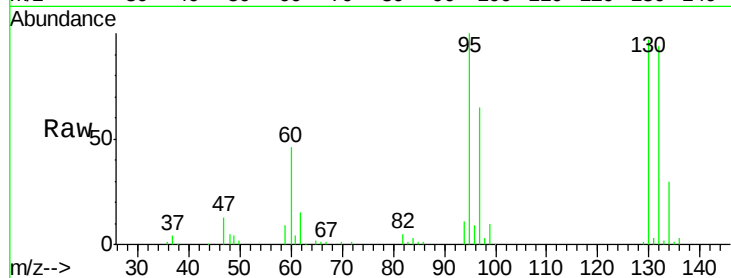
Ion Ratio Lower Upper

95 100

97 65.4 44.0 81.6

132 94.3 65.0 120.6

130 97.3 66.6 123.8

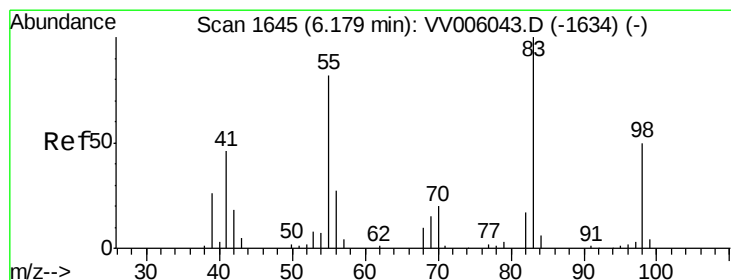
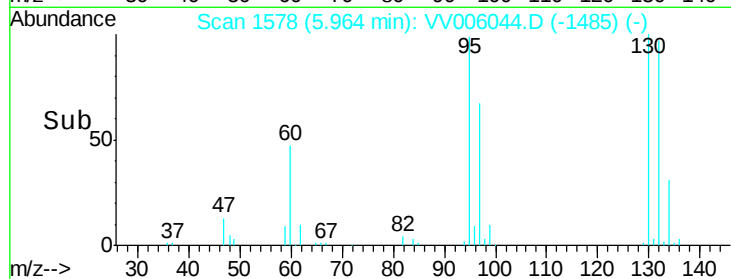
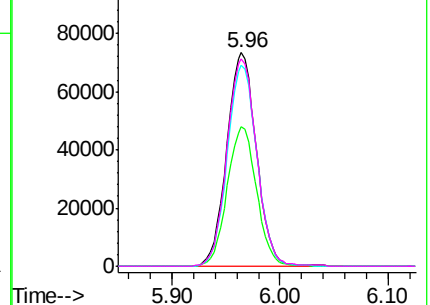


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 101.27 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

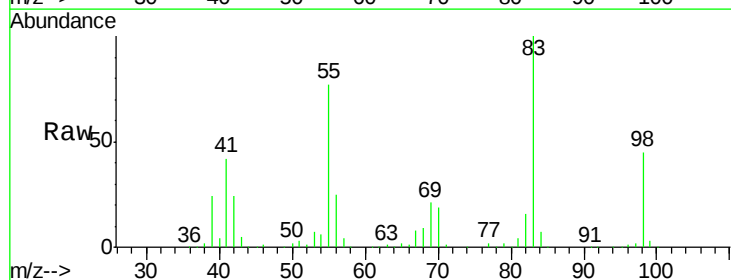
Tgt Ion: 83 Resp: 234317

Ion Ratio Lower Upper

83 100

55 77.2 63.1 94.7

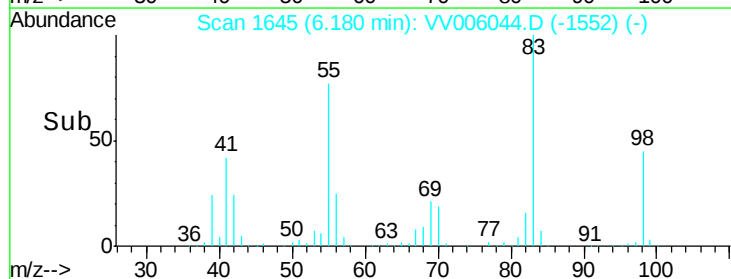
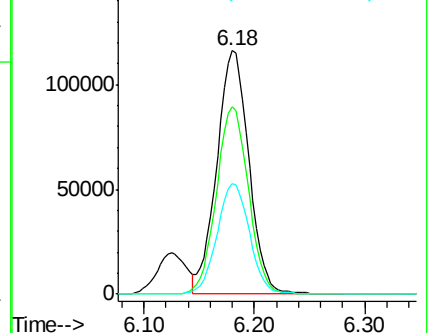
98 46.1 37.8 56.8

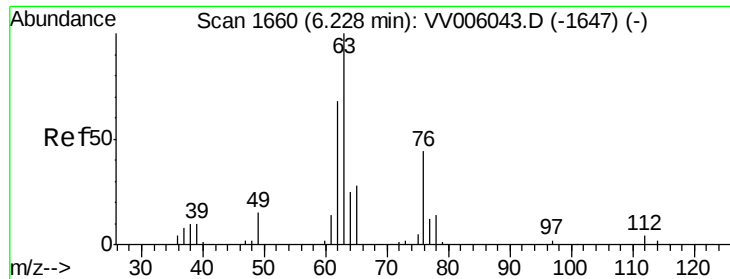


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

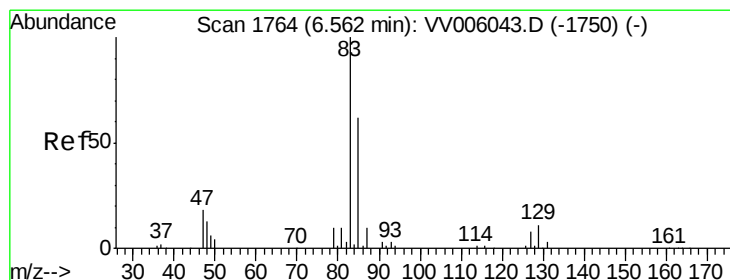
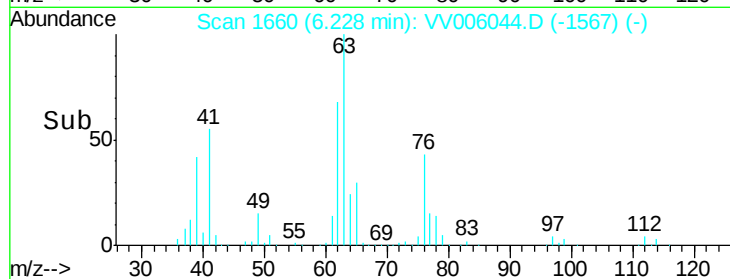
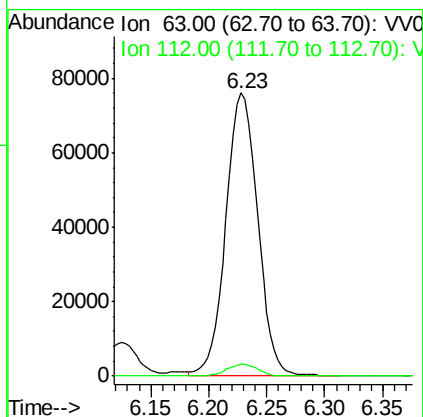
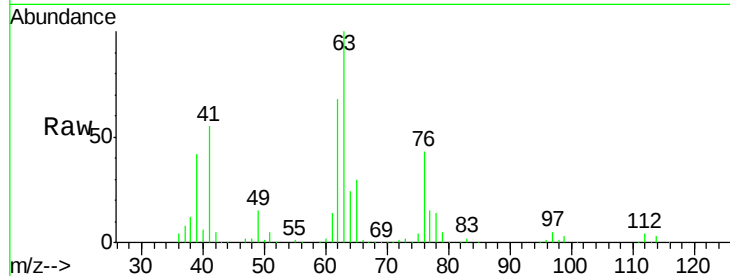
Ion 98.00 (97.70 to 98.70): VV0





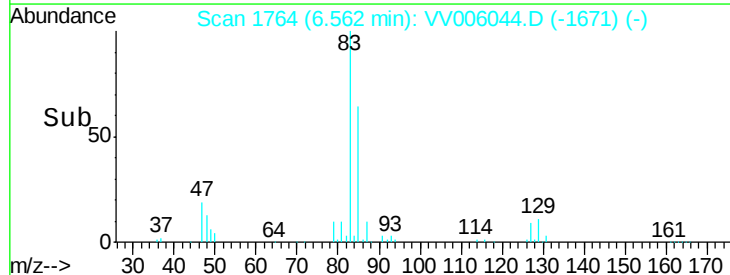
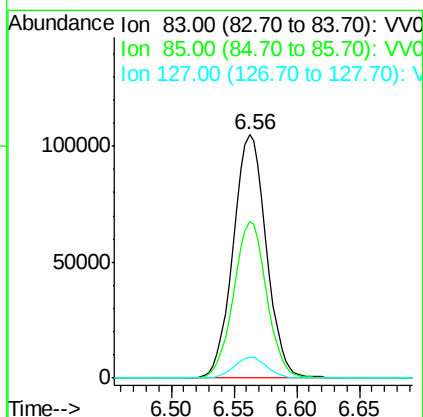
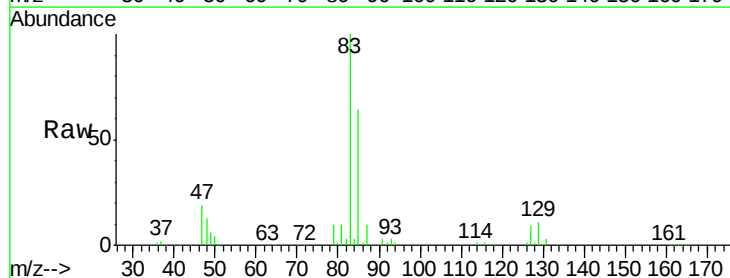
#37
 1,2-Dichloropropane
 Concen: 94.62 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

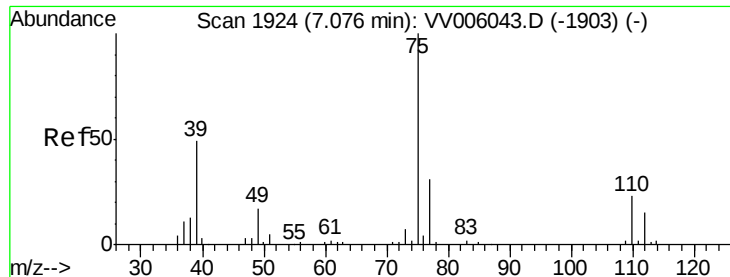
Tgt Ion: 63 Resp: 144322
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.4 5.2



#38
 Bromodichloromethane
 Concen: 97.27 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

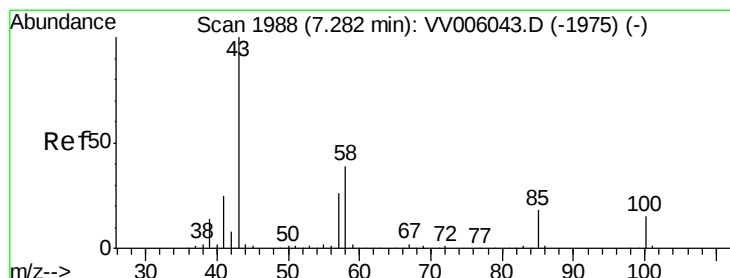
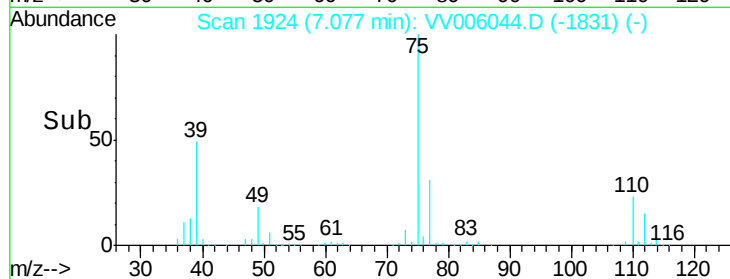
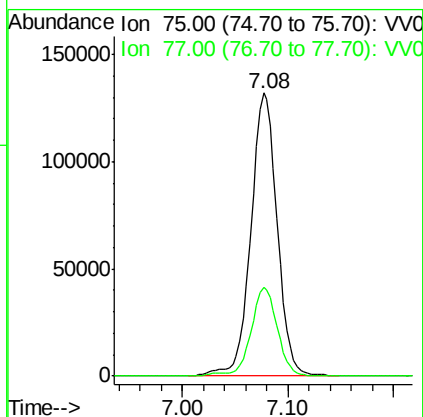
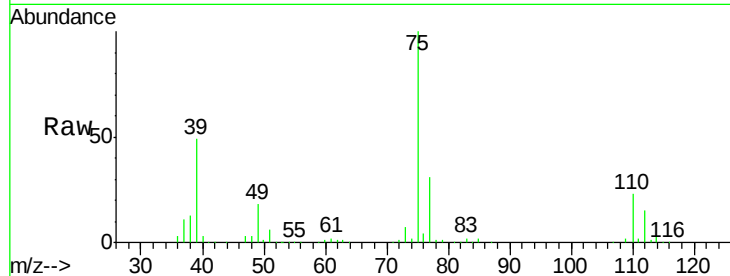
Tgt Ion: 83 Resp: 192870
 Ion Ratio Lower Upper
 83 100
 85 64.1 43.7 81.1
 127 8.8 6.6 10.0





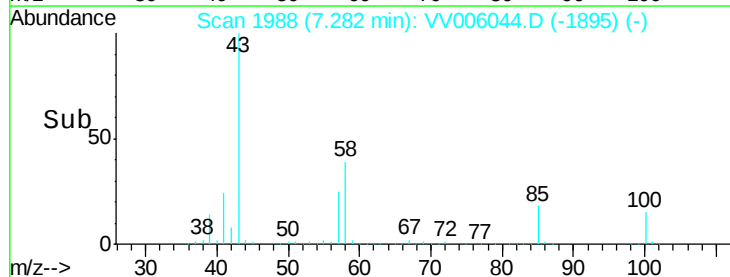
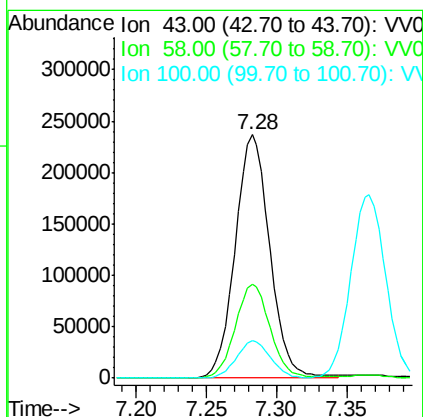
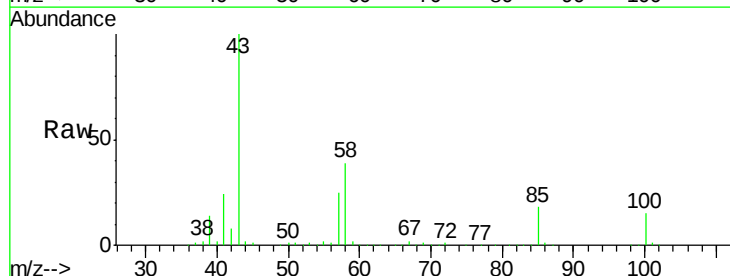
#39
 cis-1,3-Dichloropropene
 Concen: 100.12 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

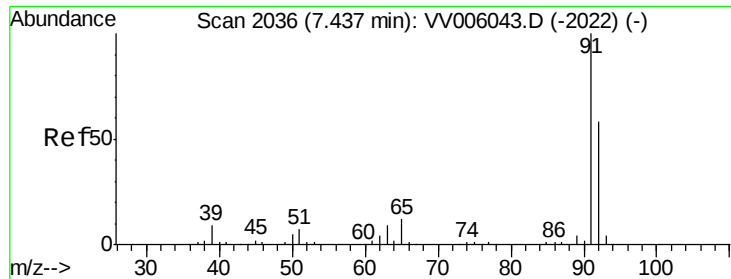
Tgt Ion: 75 Resp: 230402
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 196.04 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

Tgt Ion: 43 Resp: 407818
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.7 46.1
 100 15.2 12.1 18.1





#42

Toluene

Concen: 97.07 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006044.D

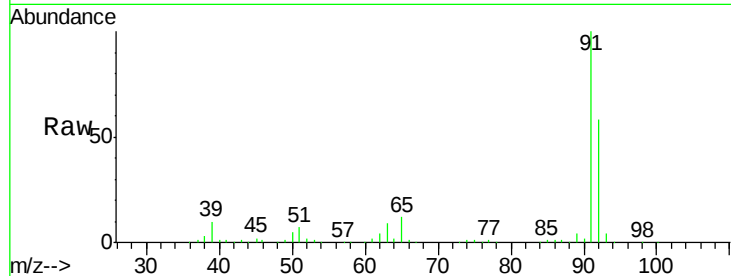
Acq: 25 May 2018 21:56

Tgt Ion: 91 Resp: 587685

Ion Ratio Lower Upper

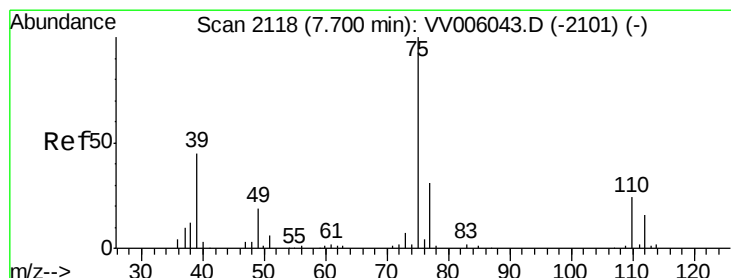
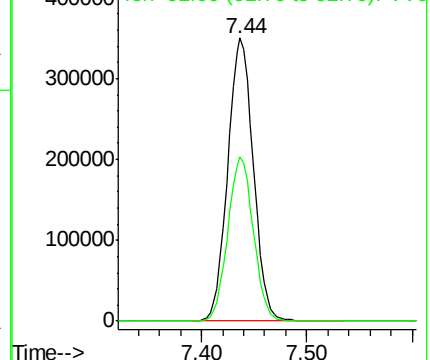
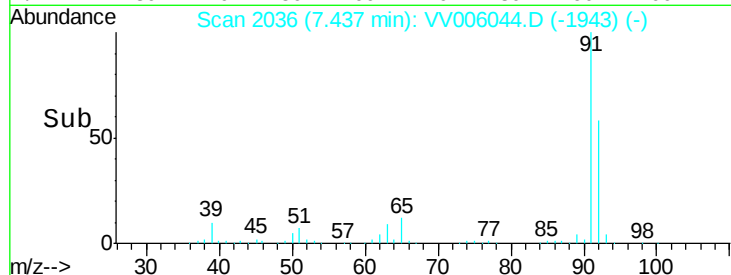
91 100

92 58.1 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006044.D (-1943) (-)

Ion 92.00 (91.70 to 92.70): VV006044.D (-1943) (-)



#44

trans-1,3-Dichloropropene

Concen: 99.74 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006044.D

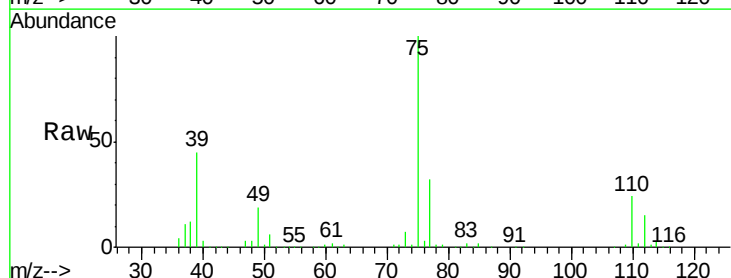
Acq: 25 May 2018 21:56

Tgt Ion: 75 Resp: 217663

Ion Ratio Lower Upper

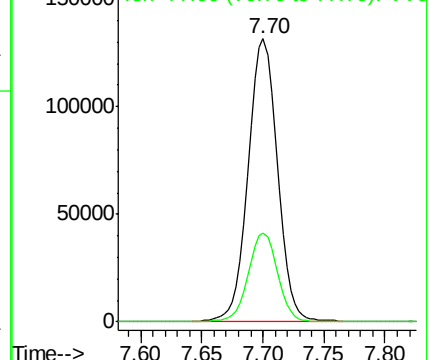
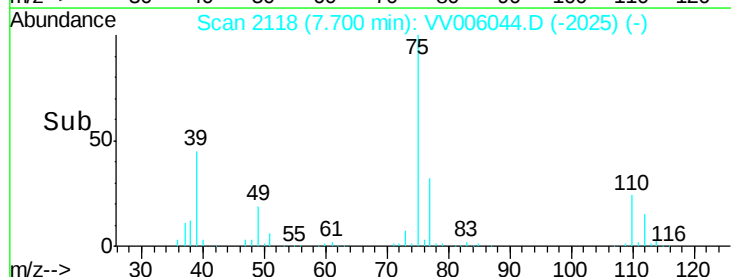
75 100

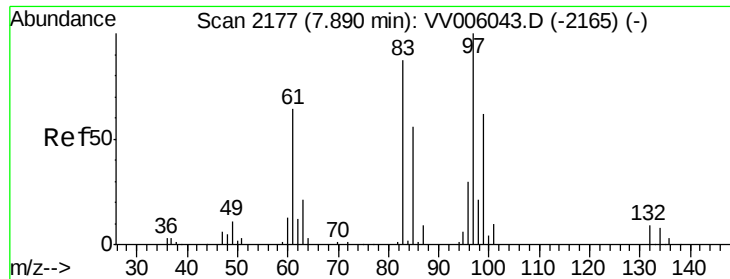
77 31.6 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV006044.D (-2025) (-)

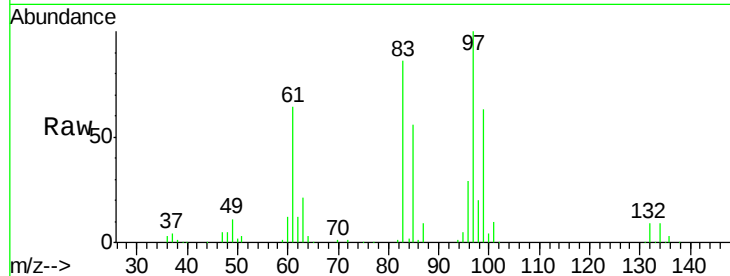
Ion 77.00 (76.70 to 77.70): VV006044.D (-2025) (-)



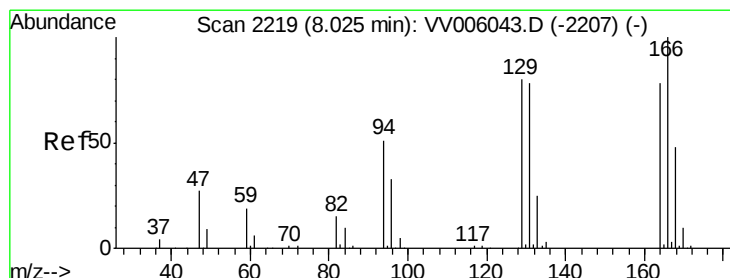
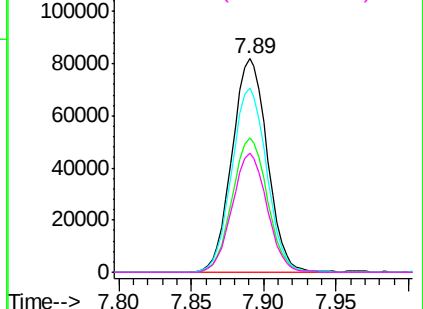
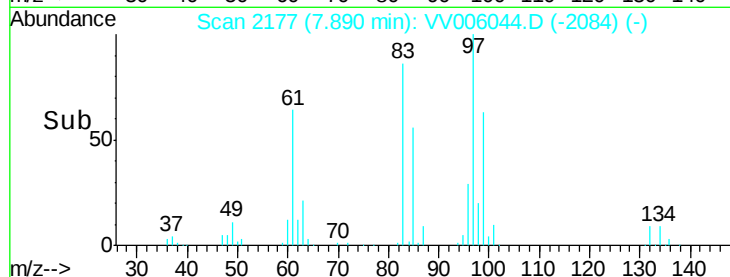


#45
 1,1,2-Trichloroethane
 Concen: 96.50 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

Tgt Ion:	97	Resp:	138787
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.6	81.0
83	86.3	60.7	112.7
85	56.0	39.3	72.9

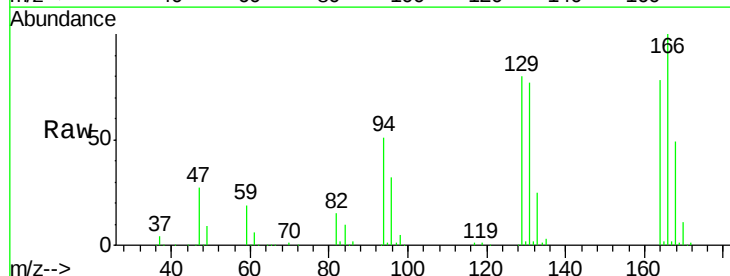


Abundance Ion 97.00 (96.70 to 97.70): VV006044.D (-2084) (-)

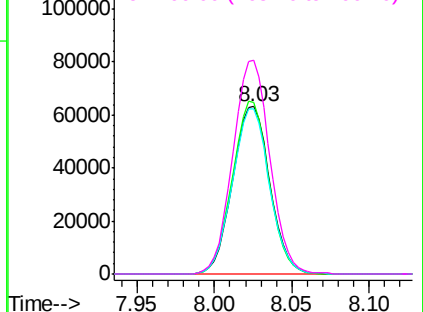
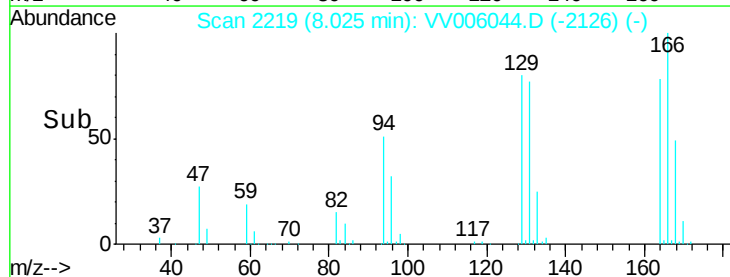


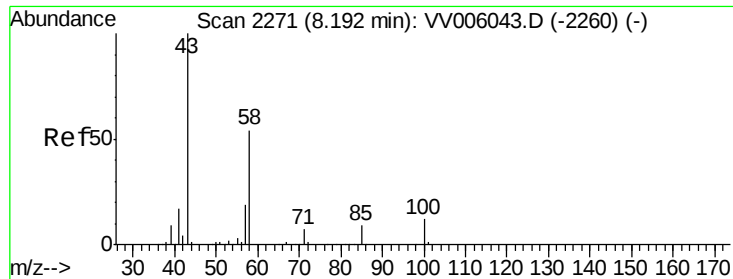
#46
 Tetrachloroethene
 Concen: 98.99 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

Tgt Ion:	164	Resp:	105824
Ion	Ratio	Lower	Upper
164	100		
129	102.6	72.2	134.2
131	98.8	70.0	130.0
166	127.5	90.4	167.8



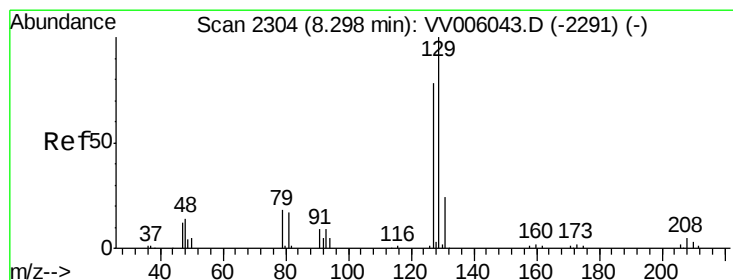
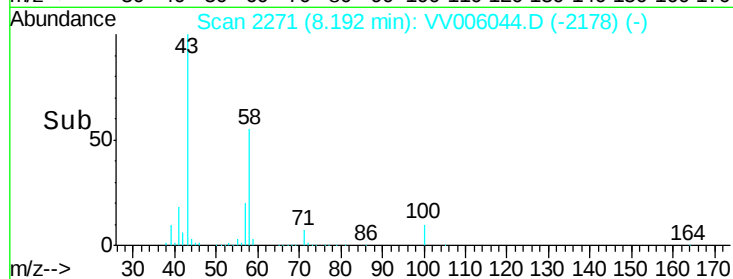
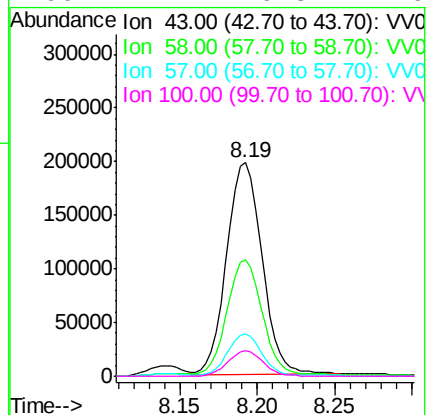
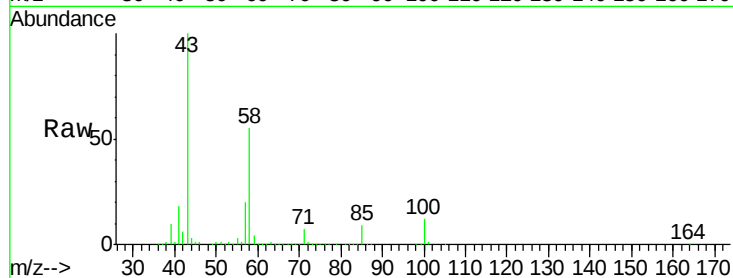
Abundance Ion 164.00 (163.70 to 164.70): VV006044.D (-2126) (-)





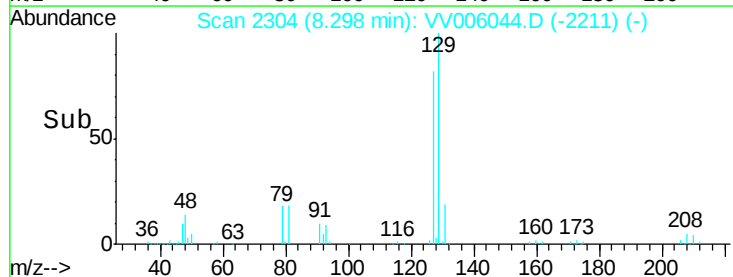
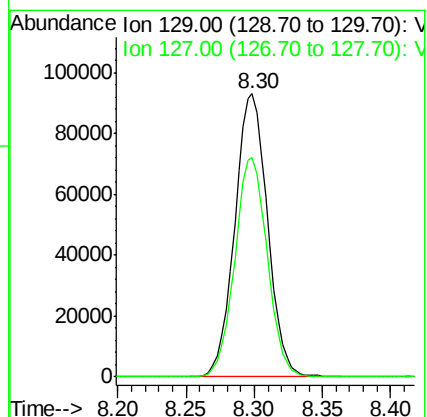
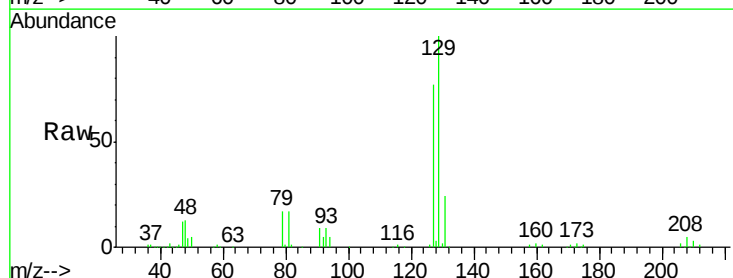
#48
2-Hexanone
Concen: 197.37 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

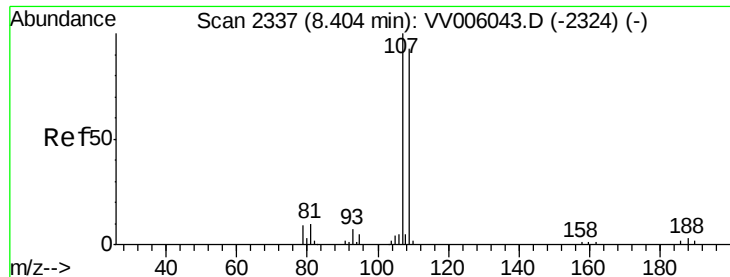
Tgt Ion:	43	Resp:	313268
Ion	Ratio	Lower	Upper
43	100		
58	56.0	45.4	68.2
57	19.1	15.9	23.9
100	12.1	9.8	14.6



#49
Dibromochloromethane
Concen: 98.84 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

Tgt Ion:	129	Resp:	155136
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.8	101.8





#50

1,2-Dibromoethane

Concen: 97.29 ug/L

RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

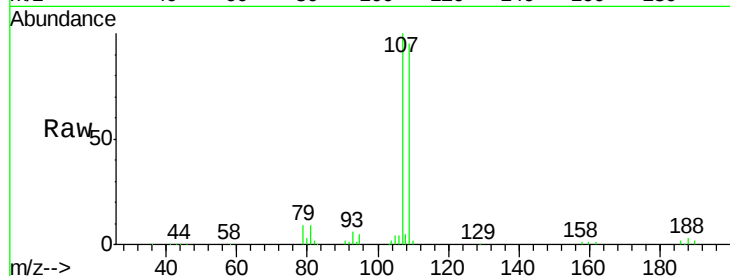
Tgt Ion:107 Resp: 144688

Ion Ratio Lower Upper

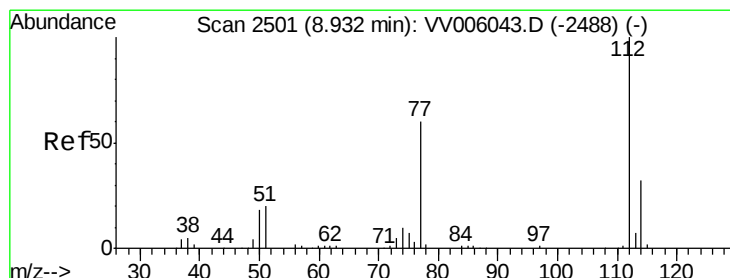
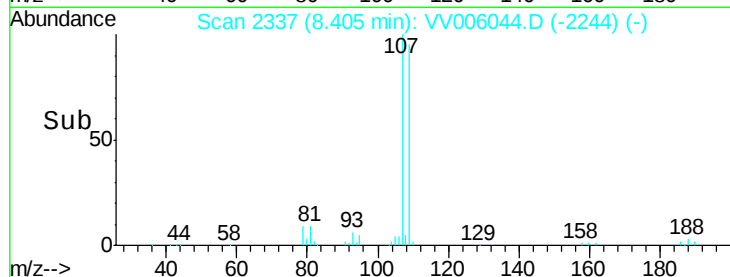
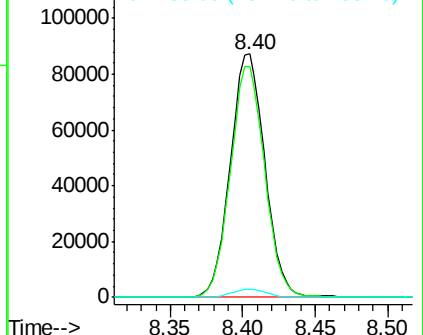
107 100

109 94.8 64.8 120.4

188 3.3 2.8 4.2



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



#51

Chlorobenzene

Concen: 96.22 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

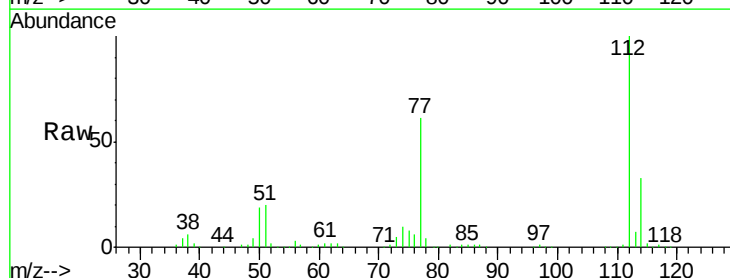
Tgt Ion:112 Resp: 375992

Ion Ratio Lower Upper

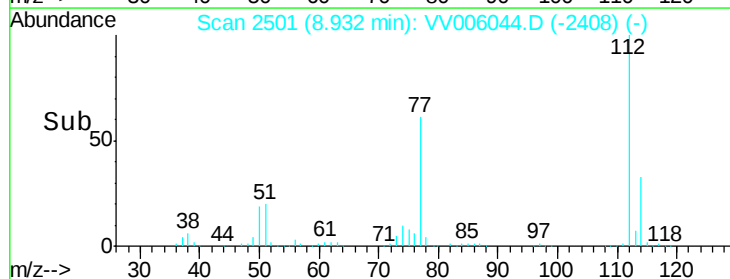
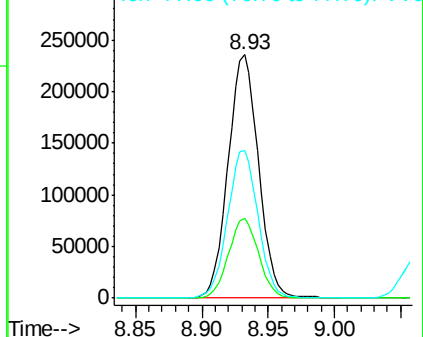
112 100

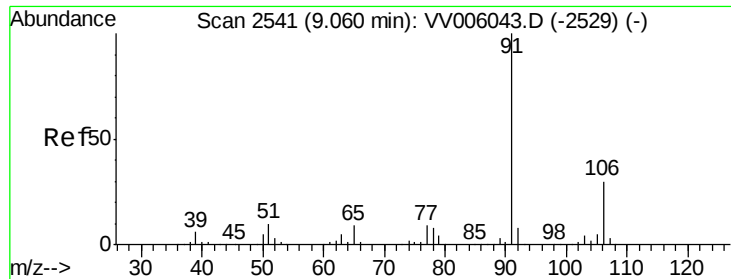
114 32.7 22.7 42.1

77 60.7 48.4 72.6



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 99.05 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006044.D

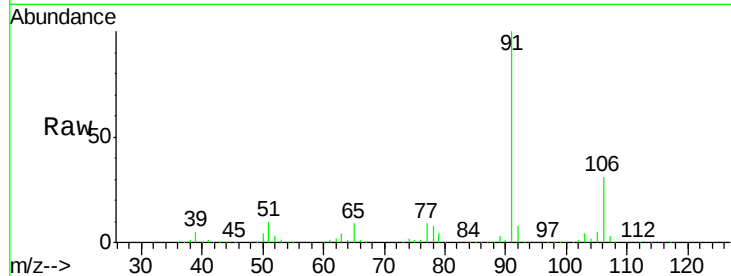
Acq: 25 May 2018 21:56

Tgt Ion: 91 Resp: 665263

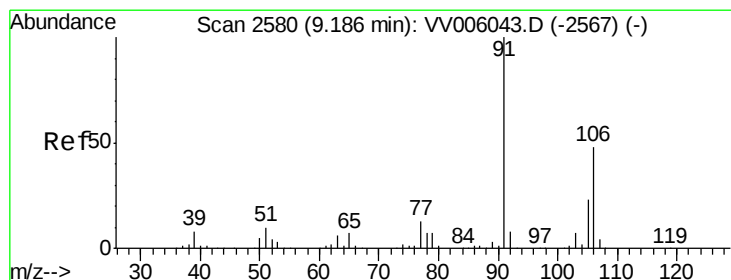
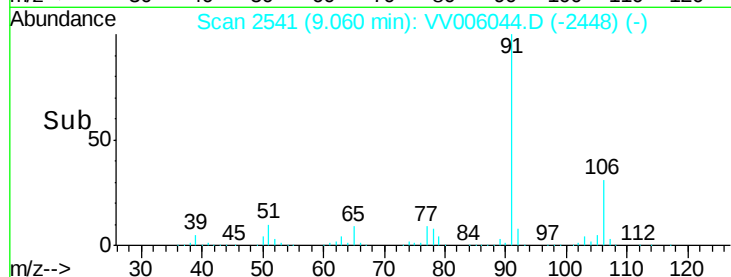
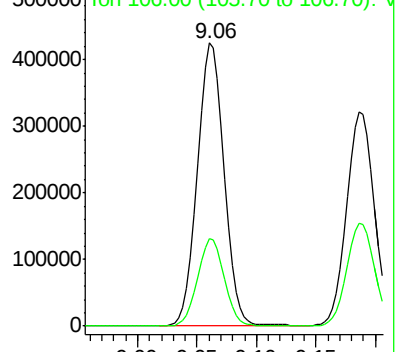
Ion Ratio Lower Upper

91 100

106 30.8 21.2 39.4



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



#53

m,p-Xylene

Concen: 99.43 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006044.D

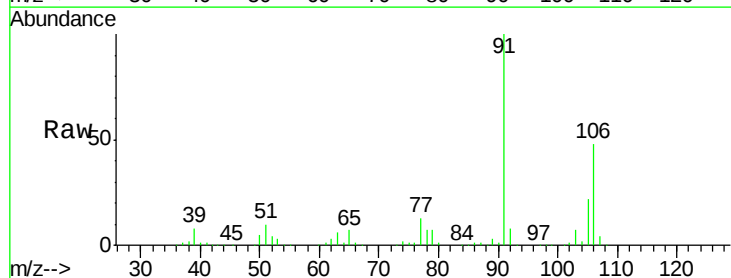
Acq: 25 May 2018 21:56

Tgt Ion: 106 Resp: 249079

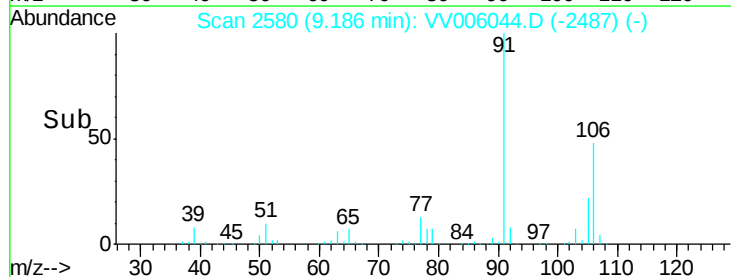
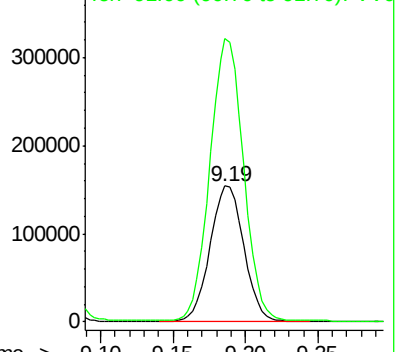
Ion Ratio Lower Upper

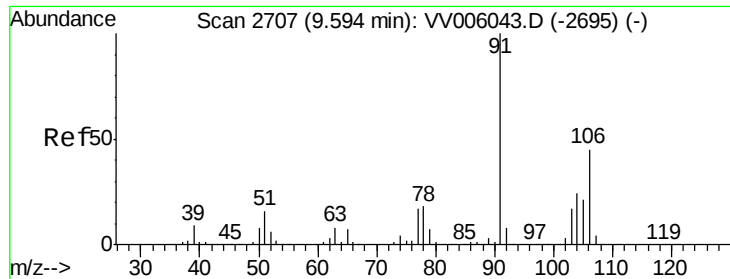
106 100

91 208.6 146.4 271.8



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





#54

o-xylene

Concen: 96.97 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006044.D

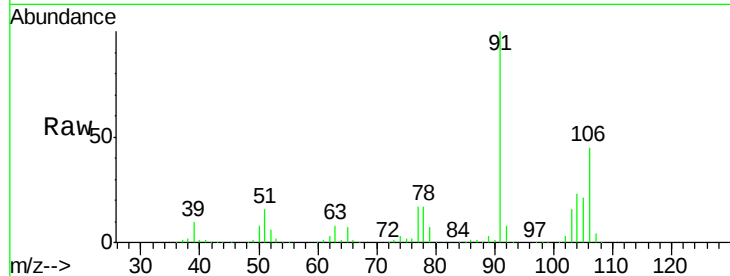
Acq: 25 May 2018 21:56

Tgt Ion:106 Resp: 244480

Ion Ratio Lower Upper

106 100

91 222.5 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

400000

300000

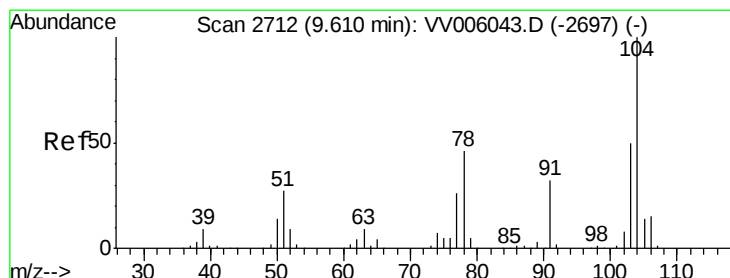
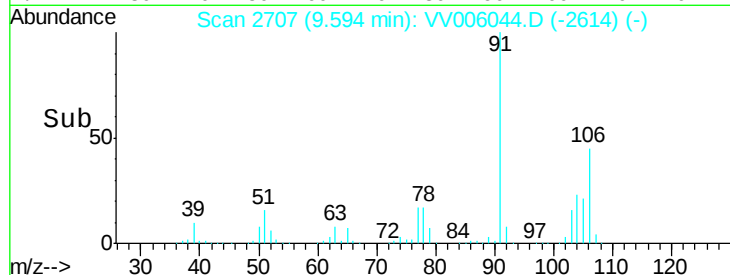
200000

100000

0

9.55 9.60 9.65

Time-->



#55

Styrene

Concen: 99.03 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006044.D

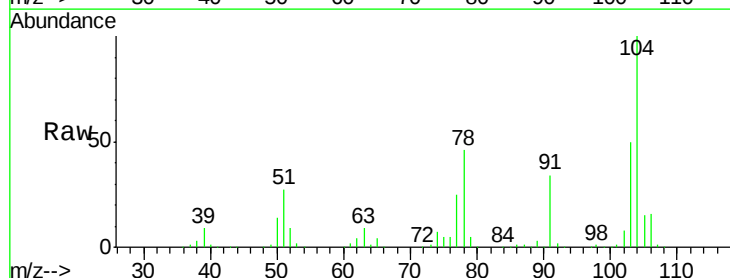
Acq: 25 May 2018 21:56

Tgt Ion:104 Resp: 428805

Ion Ratio Lower Upper

104 100

78 46.1 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

300000

250000

200000

150000

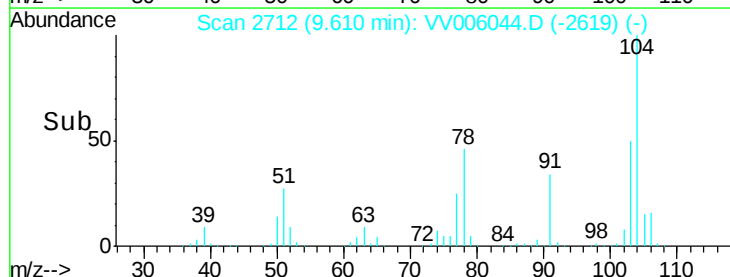
100000

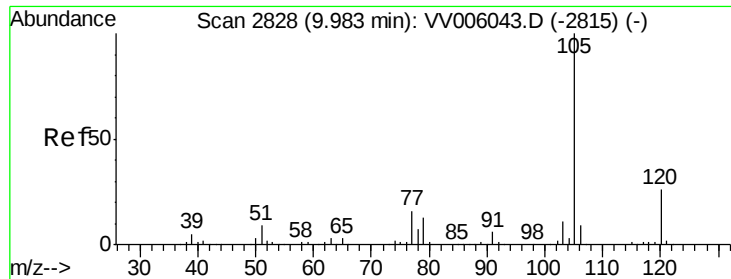
50000

0

9.50 9.55 9.60 9.65 9.70

Time-->





#56

Isopropylbenzene

Concen: 99.16 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

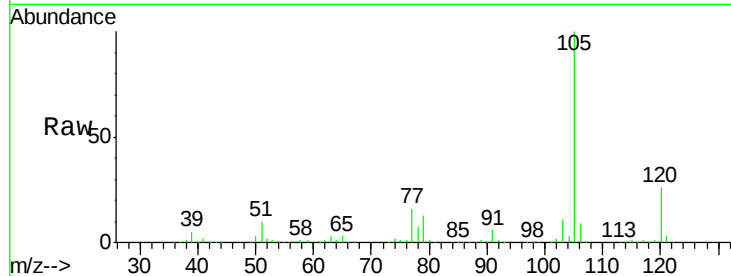
Tgt Ion: 105 Resp: 662208

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

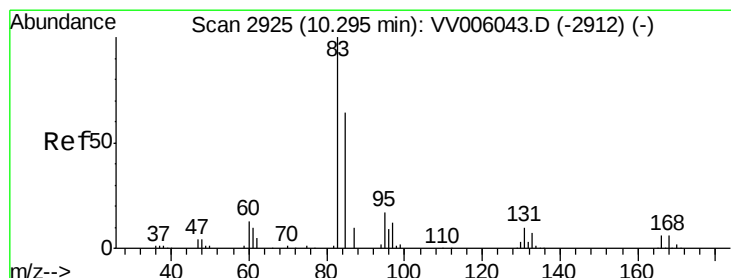
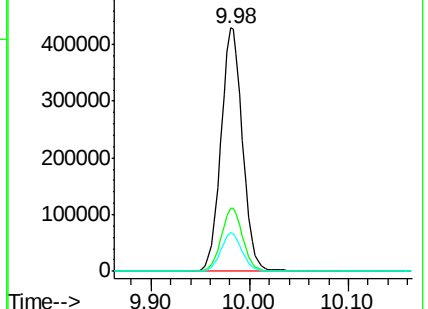
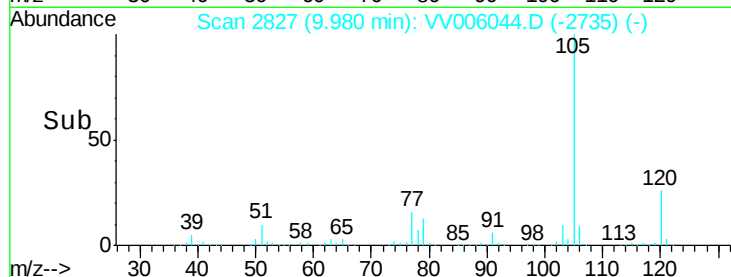
77 15.7 12.9 19.3



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: 96.67 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

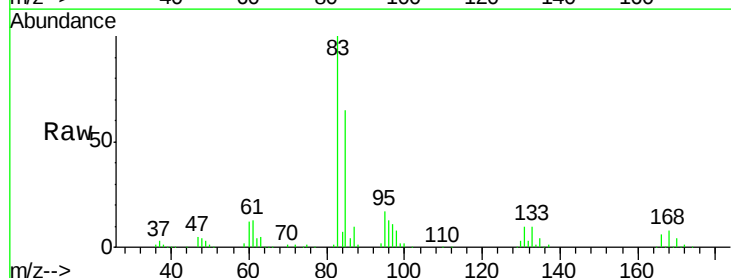
Tgt Ion: 83 Resp: 230734

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2

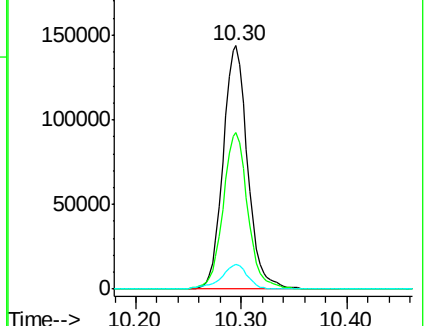
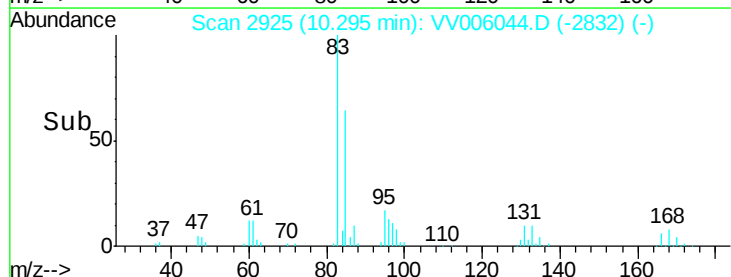
131 10.2 8.5 12.7

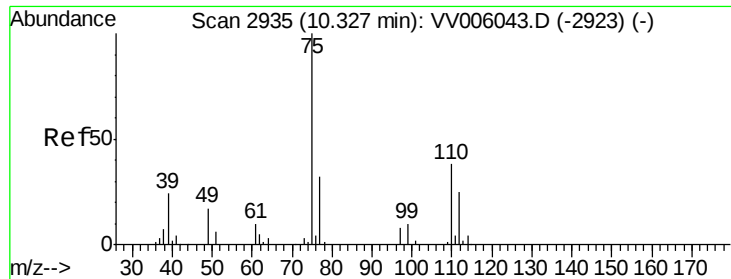


Abundance Ion 83.00 (82.70 to 83.70): VV006043.D (-2912) (-)

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: 96.04 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. 0.00 min

Lab File: VV006044.D

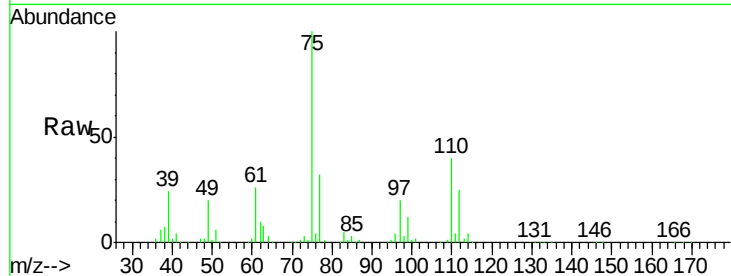
Acq: 25 May 2018 21:56

Tgt Ion: 75 Resp: 187298

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV006044.D (-2313) (-)

Ion 77.00 (76.70 to 77.70): VV006044.D (-2313) (-)

10.33

100000

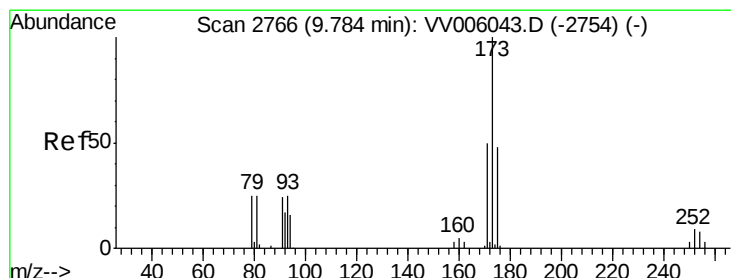
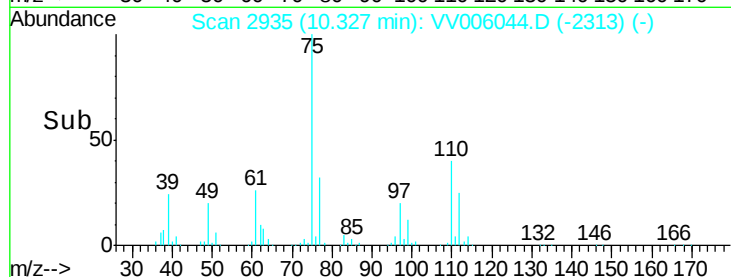
50000

0

Time-->

10.30

10.40



#61

Bromoform

Concen: 96.59 ug/L

RT: 9.78 min Scan# 2766

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

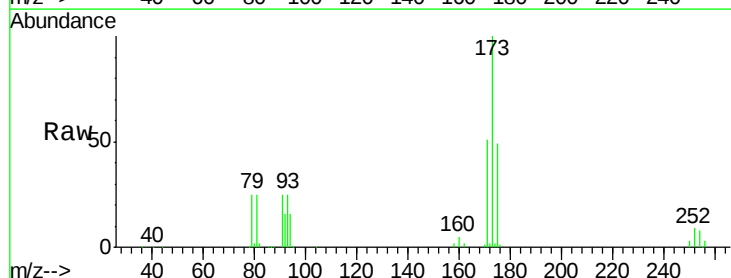
Tgt Ion: 173 Resp: 103927

Ion Ratio Lower Upper

173 100

175 48.8 38.6 57.8

254 8.3 6.3 9.5



Abundance Ion 173.00 (172.70 to 173.70): VV006044.D (-2673) (-)

Ion 175.00 (174.70 to 175.70): VV006044.D (-2673) (-)

Ion 254.00 (253.70 to 254.70): VV006044.D (-2673) (-)

9.78

80000

60000

40000

20000

0

Time-->

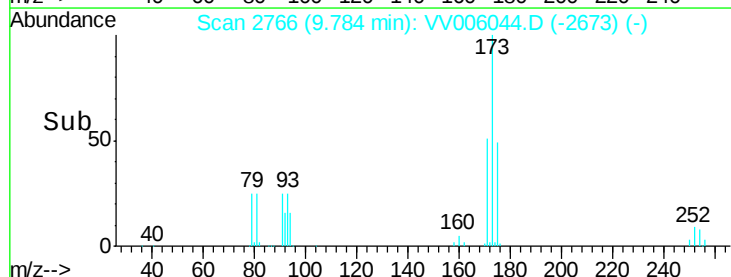
9.70

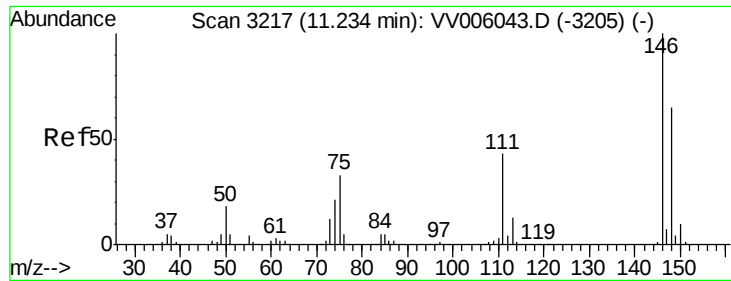
9.75

9.80

9.85

9.90





#62

1,3-Dichlorobenzene

Concen: 96.65 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

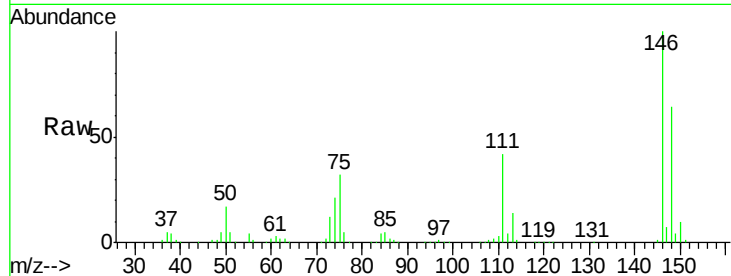
Tgt Ion:146 Resp: 283202

Ion Ratio Lower Upper

146 100

111 41.9 29.8 55.3

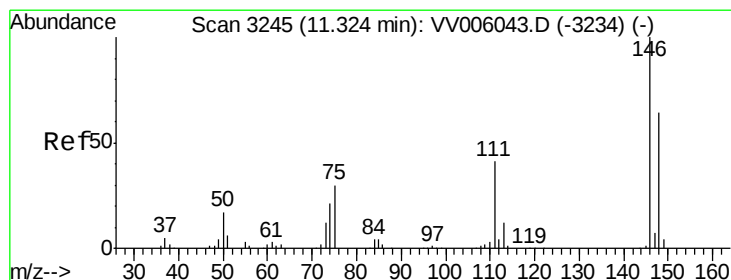
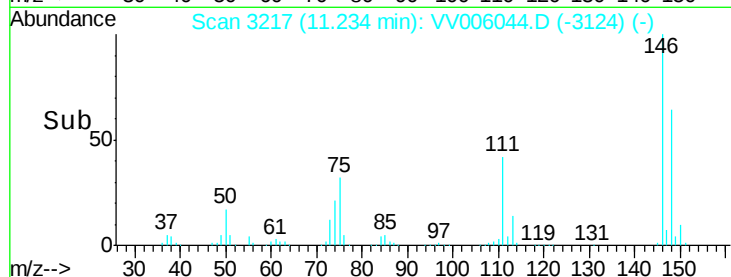
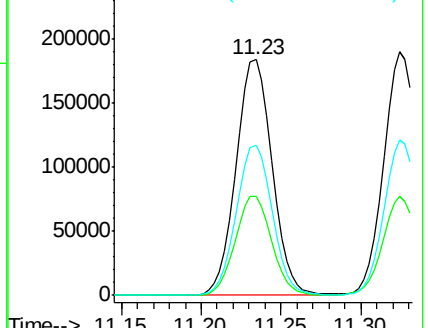
148 63.9 45.4 84.4



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: 95.44 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

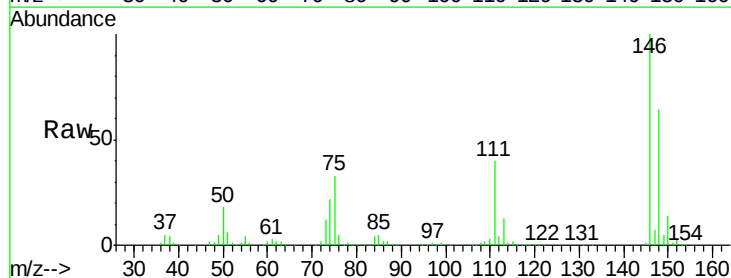
Tgt Ion:146 Resp: 291329

Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.4

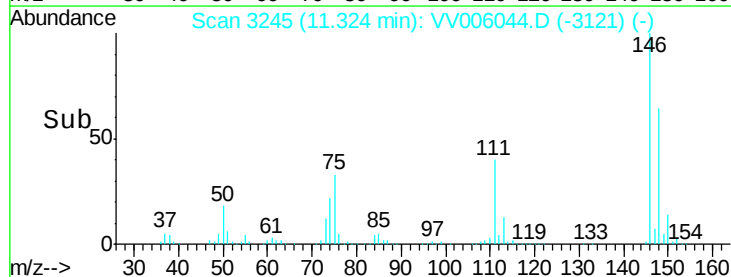
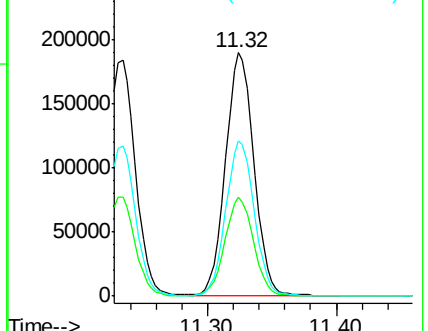
148 63.6 44.7 83.1

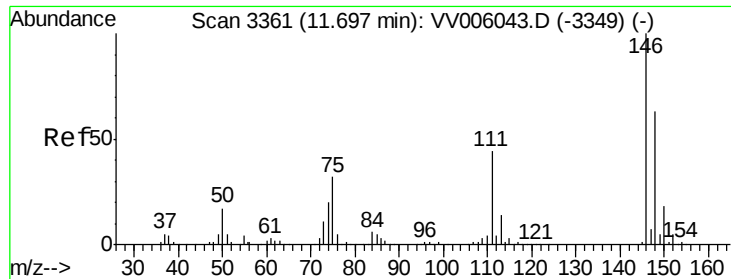


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 93.86 ug/L

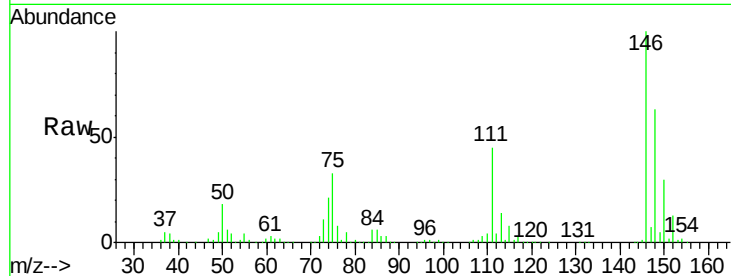
RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

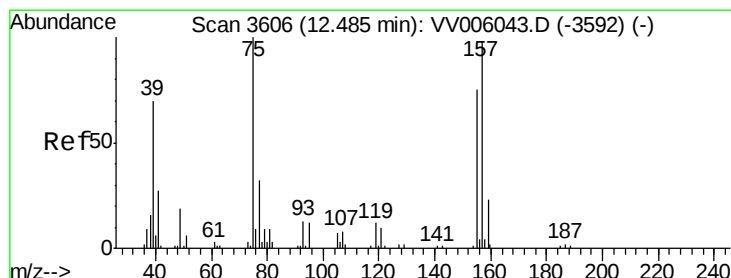
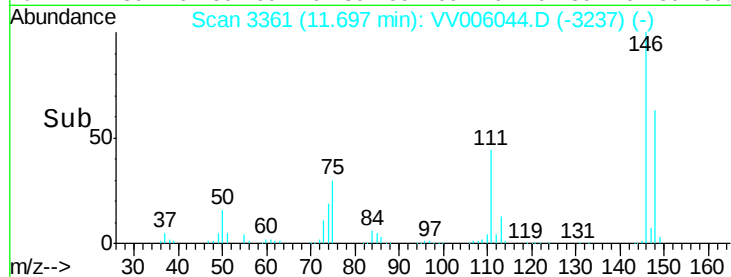
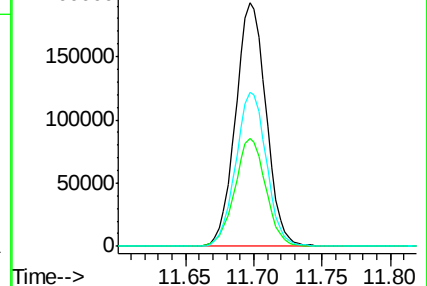
Tgt Ion:	146	Resp:	299222
Ion	Ratio	Lower	Upper
146	100		
111	44.5	35.3	52.9
148	63.4	50.1	75.1



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: 96.13 ug/L

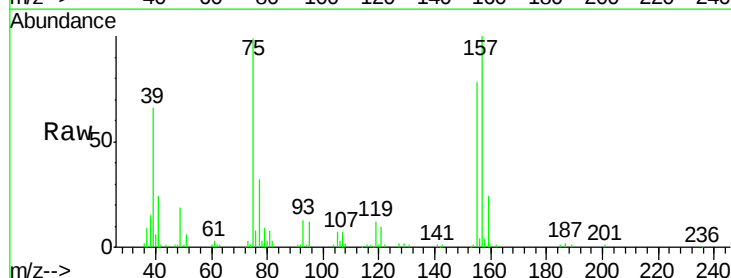
RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006044.D

Acq: 25 May 2018 21:56

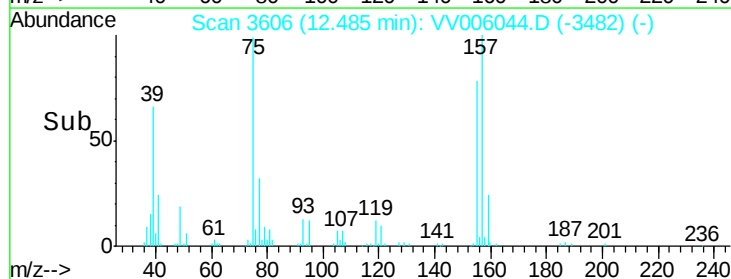
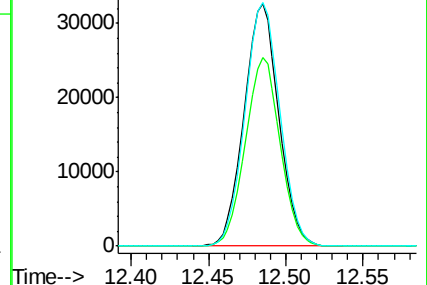
Tgt Ion:	75	Resp:	50910
Ion	Ratio	Lower	Upper
75	100		
155	78.1	60.1	90.1
157	100.6	78.4	117.6

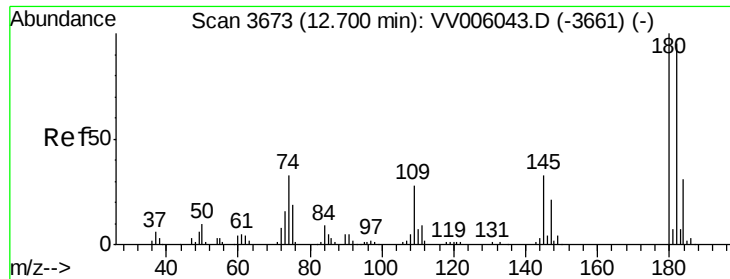


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

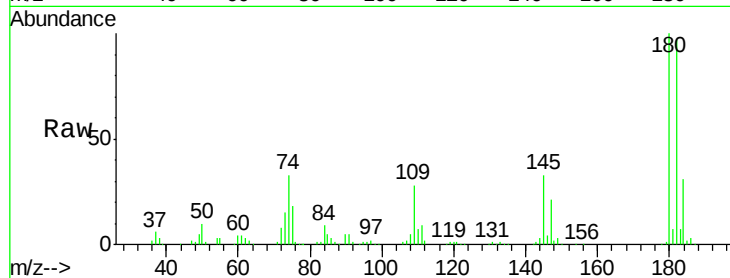
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 98.51 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
184	30.3	24.3	36.5
145	32.7	25.8	38.6

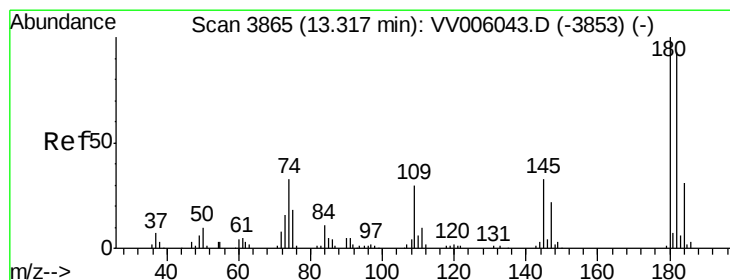
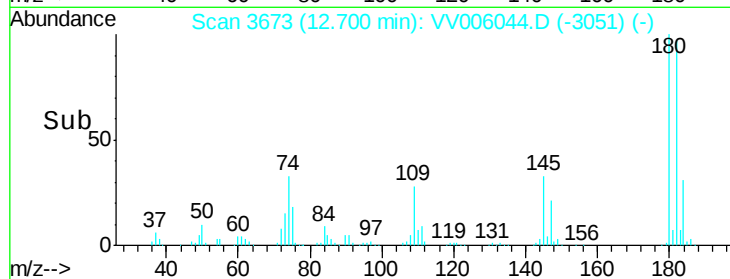
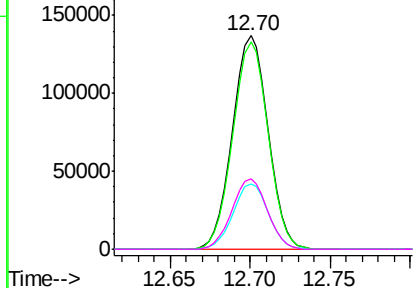


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

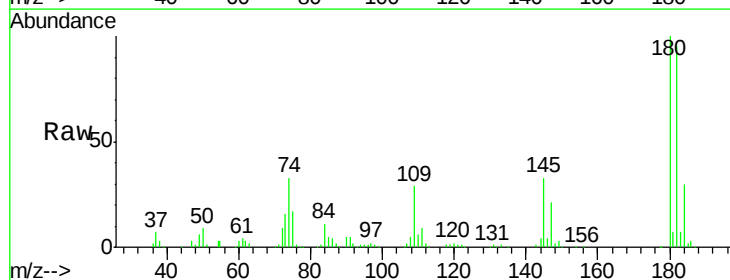
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 102.75 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006044.D
 Acq: 25 May 2018 21:56

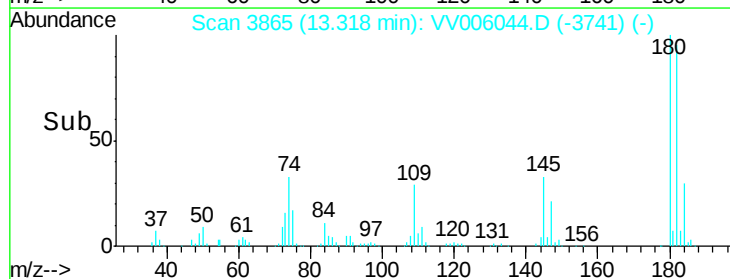
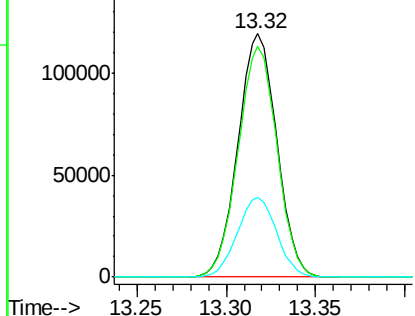
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.9	112.3
145	33.2	26.3	39.5

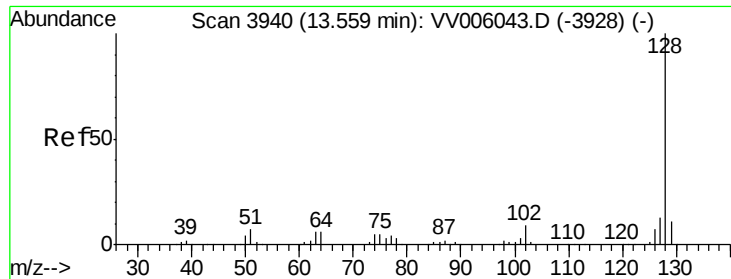


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

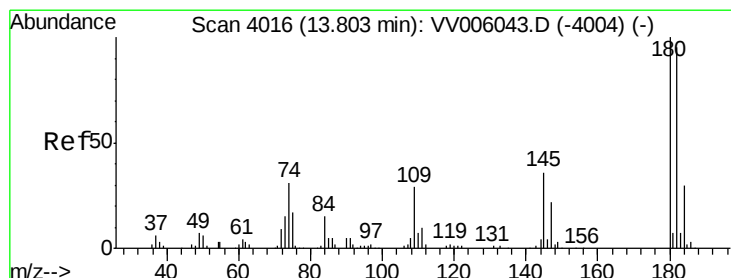
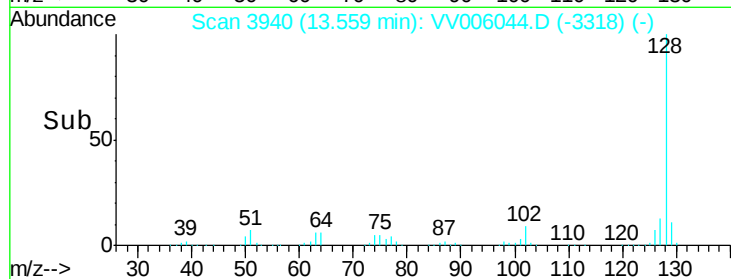
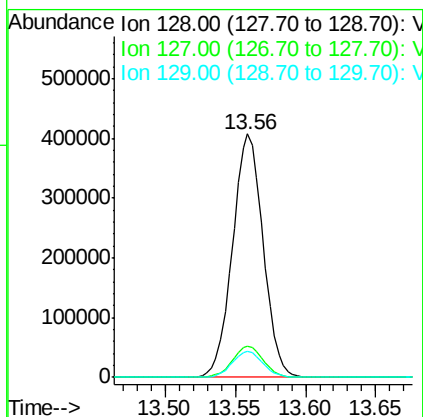
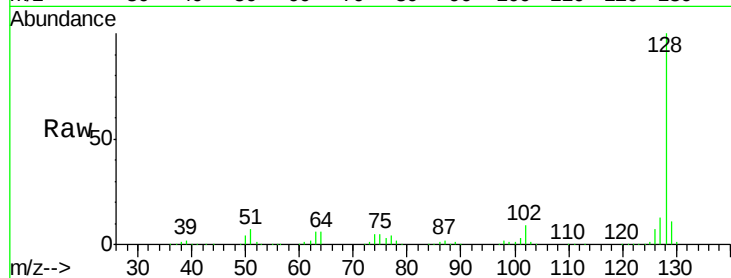
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 104.05 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

Tgt Ion:128 Resp: 618972
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2



#70
1,2,3-Trichlorobenzene
Concen: 99.70 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006044.D
Acq: 25 May 2018 21:56

Tgt Ion:180 Resp: 193786
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.2
145 35.3 28.6 42.8

