

Data File : VV006043.D
Acq On : 25 May 2018 21:30
Operator : SY/MD
Sample : VSTD05063
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 00:55:37 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	190061	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84611	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66983	50.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	47613	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	123500	50.00	ug/L	0.00
21) 2-Butanone-d5	3.95	46	76141	100.00	ug/L	0.00
24) Chloroform-d	4.41	84	127085	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	82508	50.00	ug/L	0.00
32) Benzene-d6	5.11	84	242796	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	75393	50.00	ug/L	0.00
41) Toluene-d8	7.37	98	228736	50.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	36502	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	61578	100.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	105843	50.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	84772	50.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	65632	38.86	ug/L	# 84
3) Chloromethane	1.26	50	86460	50.00	ug/L	100
5) Vinyl chloride	1.32	62	80554	50.00	ug/L	100
6) Bromomethane	1.52	94	36458	50.00	ug/L	100
8) Chloroethane	1.59	64	46092	50.00	ug/L	100
9) Trichlorofluoromethane	1.77	101	110257	50.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	62424	50.00	ug/L	100
12) 1,1-Dichloroethene	2.14	96	57119	50.00	ug/L	100
13) Acetone	2.19	43	74609	100.00	ug/L	100
14) Carbon disulfide	2.32	76	168696	50.00	ug/L	100
15) Methyl Acetate	2.46	43	78515	50.00	ug/L	100
16) Methylene chloride	2.54	84	68086	50.00	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	61053	50.00	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	208119	50.00	ug/L	100
19) 1,1-Dichloroethane	3.23	63	126598	50.00	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	74138	50.00	ug/L	100
22) 2-Butanone	4.03	43	111201	100.00	ug/L	100
23) Bromochloromethane	4.30	128	36533	50.00	ug/L	100
25) Chloroform	4.44	83	133385	50.00	ug/L	100
27) 1,2-Dichloroethane	5.19	62	107850	50.00	ug/L	100
29) Cyclohexane	4.73	56	110327	50.00	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	117058	50.00	ug/L	100
31) Carbon tetrachloride	4.88	117	102584	50.00	ug/L	100
33) Benzene	5.15	78	284111	50.00	ug/L	100
34) Trichloroethene	5.96	95	71045	50.00	ug/L	100
35) Methylcyclohexane	6.18	83	114321	50.00	ug/L	100
37) 1,2-Dichloropropane	6.23	63	75363	50.00	ug/L	100
38) Bromodichloromethane	6.56	83	97971	50.00	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	113701	50.00	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	205575	100.00	ug/L	100

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ALS Vial : 4 Sample Multiplier: 1

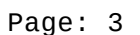
Quant Time: May 26 00:55:37 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

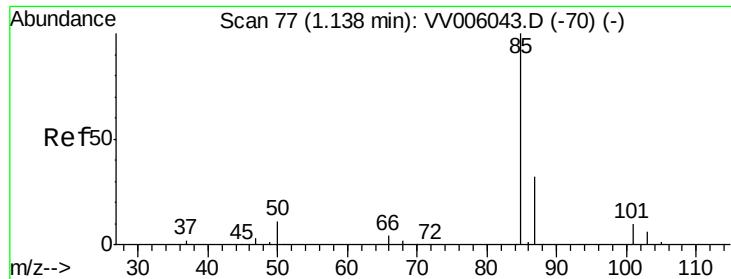
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	299133	50.00	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	107826	50.00	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	71062	50.00	ug/L	100
46) Tetrachloroethene	8.02	164	52820	50.00	ug/L	100
48) 2-Hexanone	8.19	43	156850	100.00	ug/L	100
49) Dibromochloromethane	8.30	129	77551	50.00	ug/L	100
50) 1,2-Dibromoethane	8.40	107	73479	50.00	ug/L	100
51) Chlorobenzene	8.93	112	193079	50.00	ug/L	100
52) Ethylbenzene	9.06	91	331860	50.00	ug/L	100
53) m,p-Xylene	9.19	106	123771	50.00	ug/L	100
54) o-xylene	9.59	106	124578	50.00	ug/L	100
55) Styrene	9.61	104	213943	50.00	ug/L	100
56) Isopropylbenzene	9.98	105	329963	50.00	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	117934	50.00	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	96358	50.00	ug/L	100
61) Bromoform	9.78	173	50904	50.00	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	138626	50.00	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	144419	50.00	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	150826	50.00	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	25056	50.00	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	99489	50.00	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	83336	50.00	ug/L	100
69) Naphthalene	13.56	128	281437	50.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	91952	50.00	ug/L	100

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 38.86 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006043.D

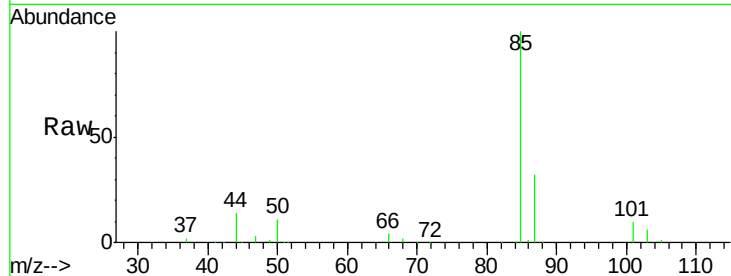
Acq: 25 May 2018 21:30

Tgt Ion: 85 Resp: 65632

Ion Ratio Lower Upper

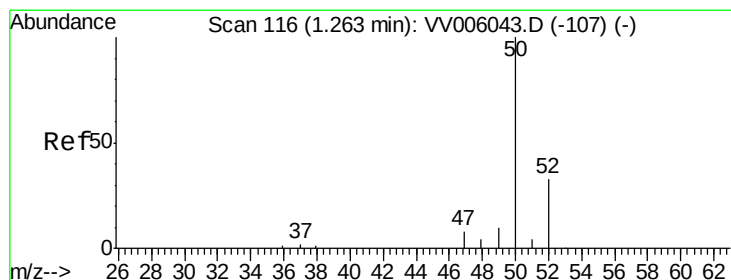
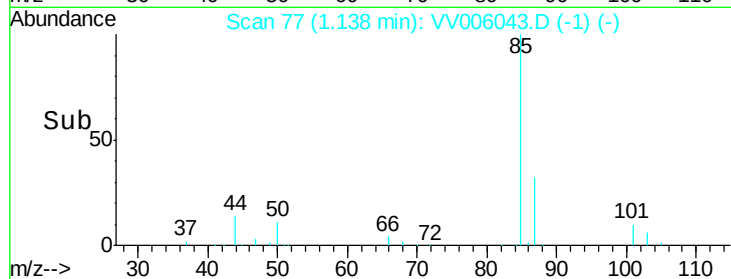
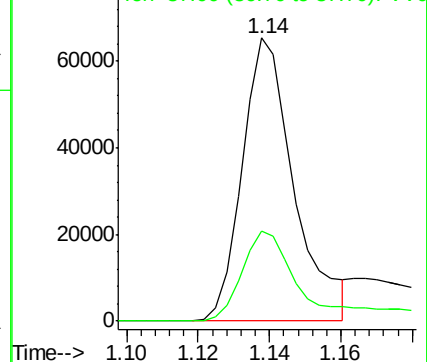
85 100

87 41.3 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: 50.00 ug/L

RT: 1.26 min Scan# 116

Delta R.T. 0.00 min

Lab File: VV006043.D

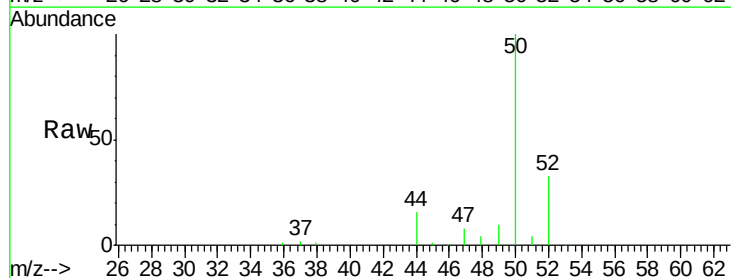
Acq: 25 May 2018 21:30

Tgt Ion: 50 Resp: 86460

Ion Ratio Lower Upper

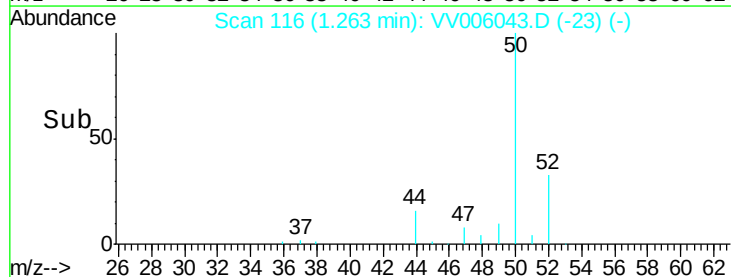
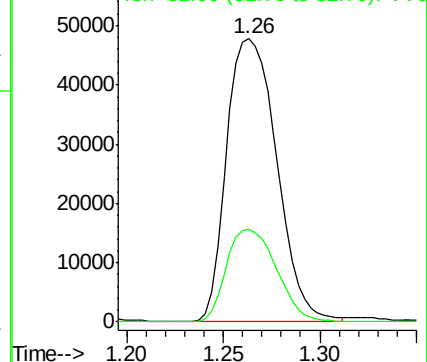
50 100

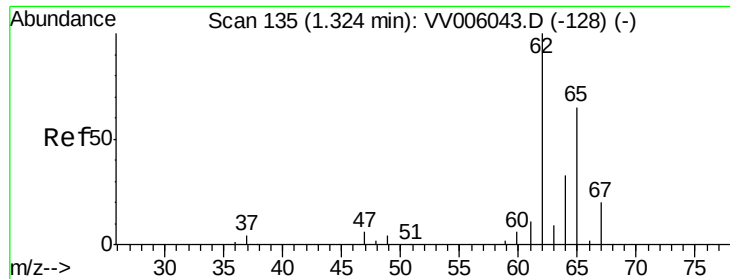
52 32.5 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 50.00 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006043.D

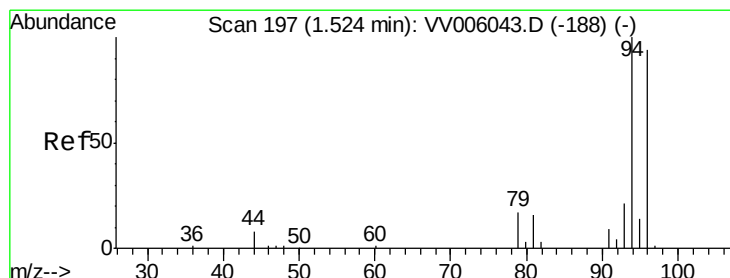
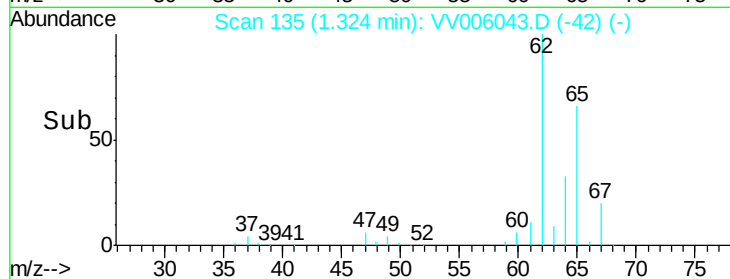
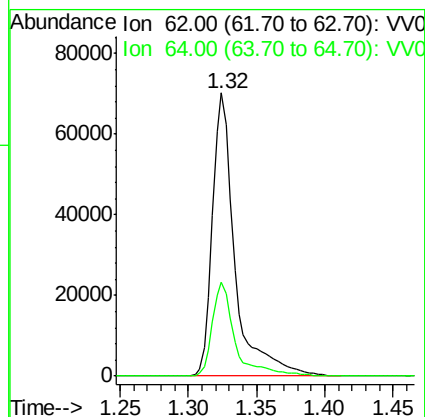
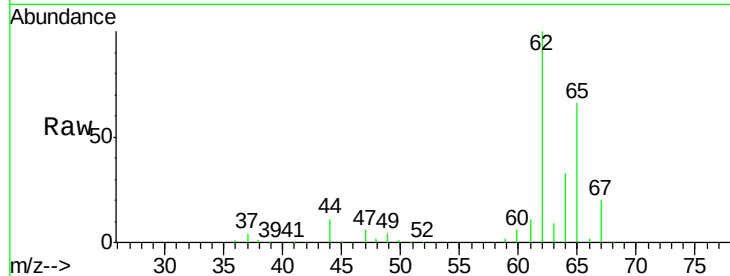
Acq: 25 May 2018 21:30

Tgt Ion: 62 Resp: 80554

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 50.00 ug/L

RT: 1.52 min Scan# 197

Delta R.T. 0.00 min

Lab File: VV006043.D

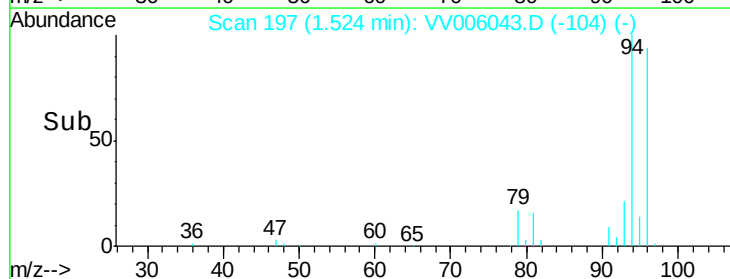
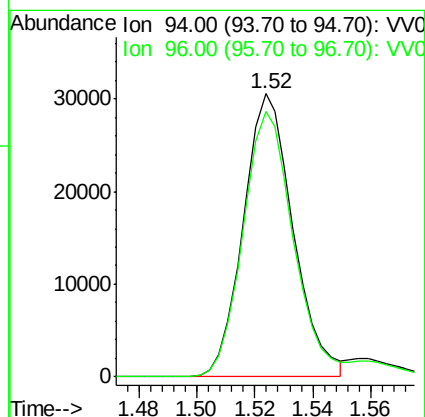
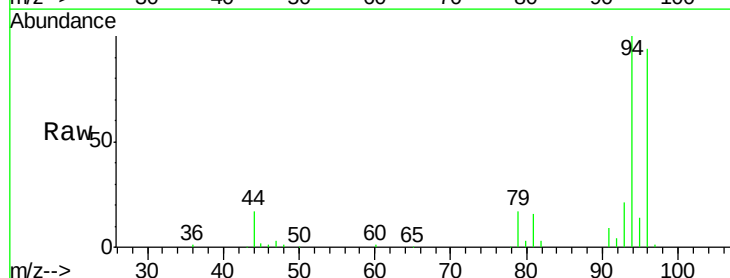
Acq: 25 May 2018 21:30

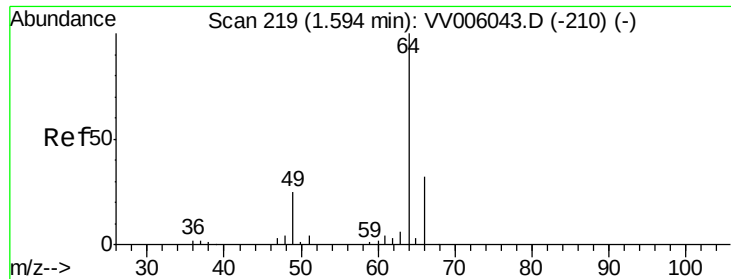
Tgt Ion: 94 Resp: 36458

Ion Ratio Lower Upper

94 100

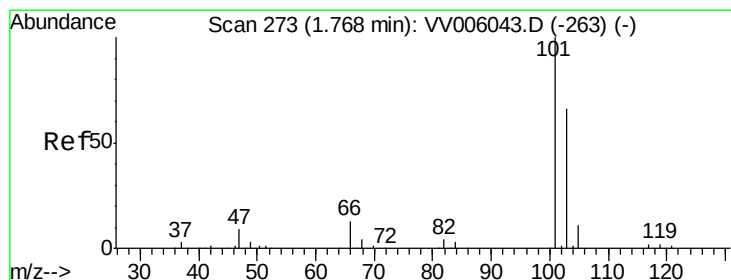
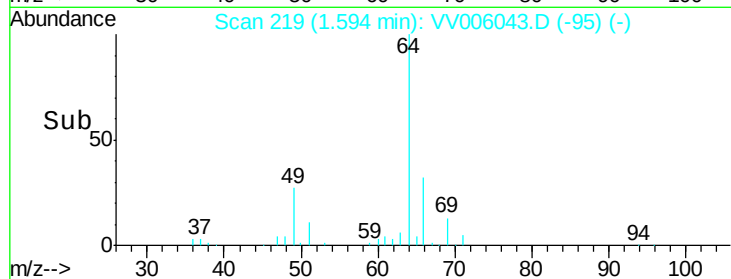
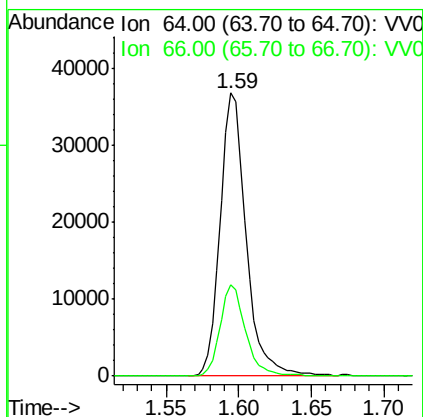
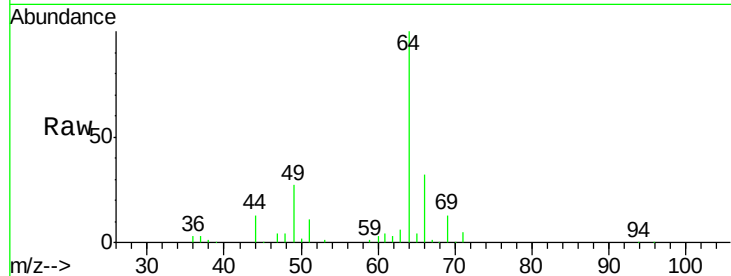
96 93.7 65.6 121.8





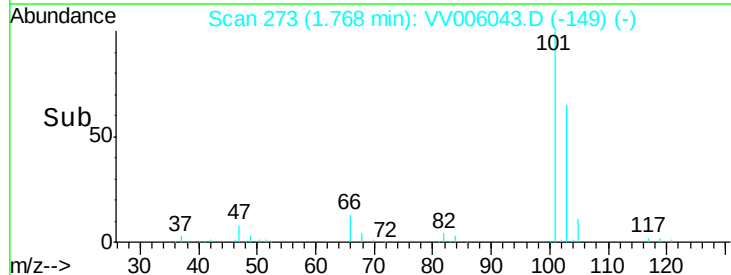
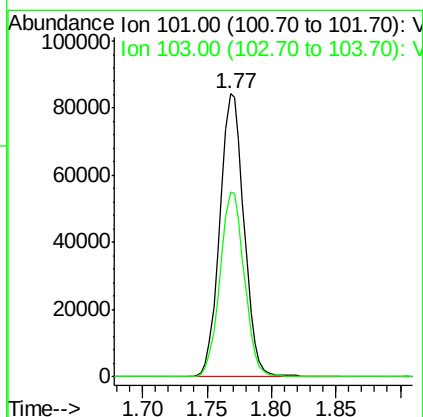
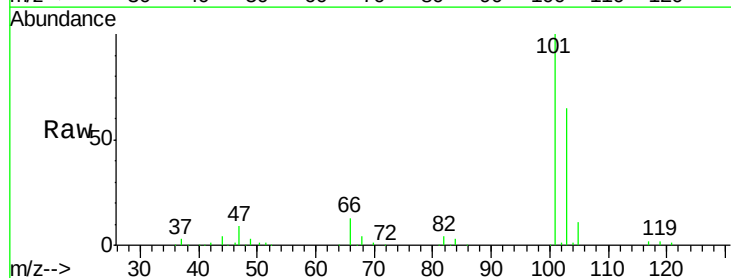
#8
Chloroethane
Concen: 50.00 ug/L
RT: 1.59 min Scan# 219
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

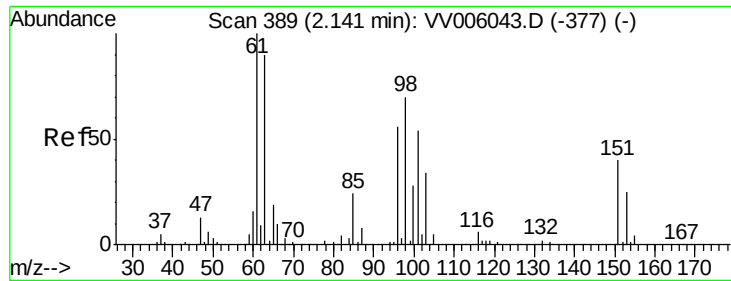
Tgt Ion: 64 Resp: 46092
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 50.00 ug/L
RT: 1.77 min Scan# 273
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion: 101 Resp: 110257
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8





#10

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

Concen: 50.00 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

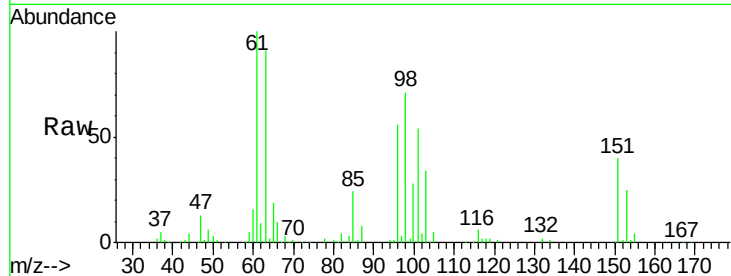
Tgt Ion: 101 Resp: 62424

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

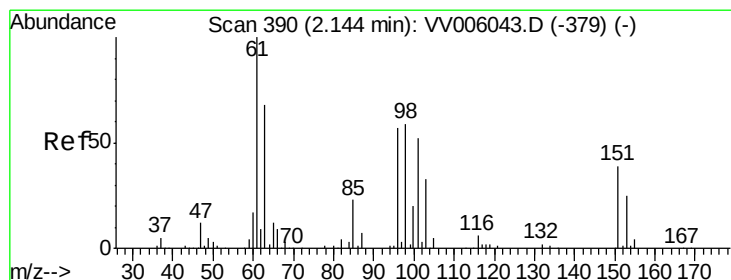
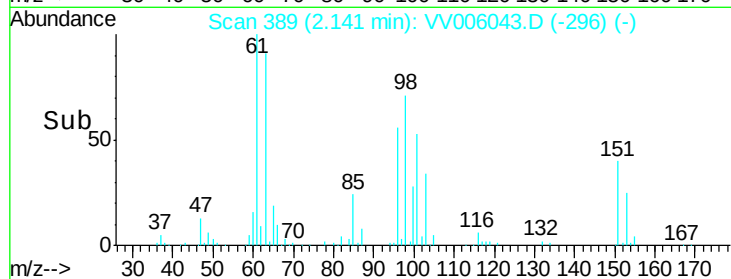
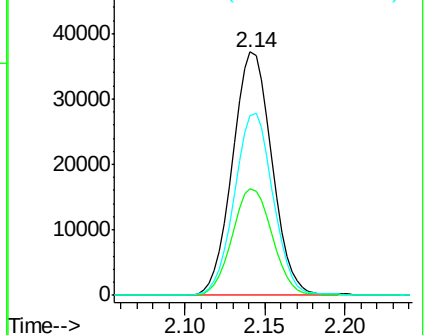
151 73.5 58.8 88.2



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: 50.00 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

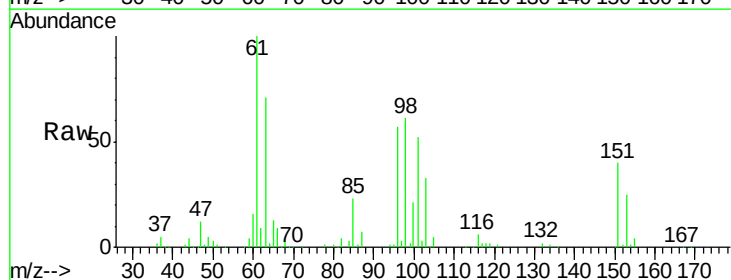
Tgt Ion: 96 Resp: 57119

Ion Ratio Lower Upper

96 100

61 175.0 122.5 227.5

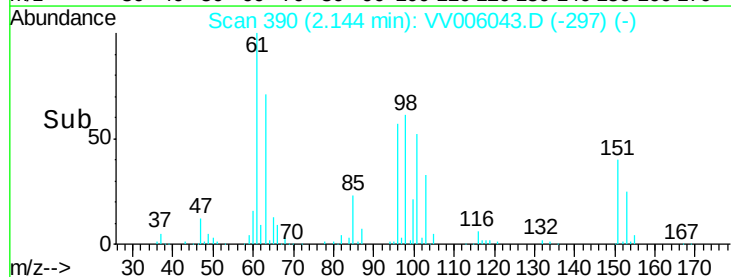
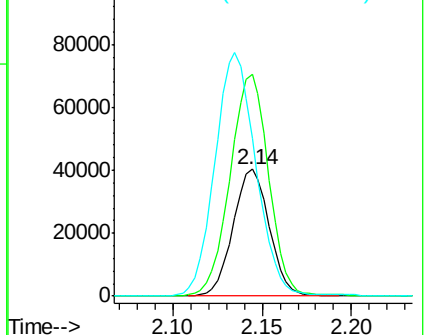
63 124.2 86.9 161.5

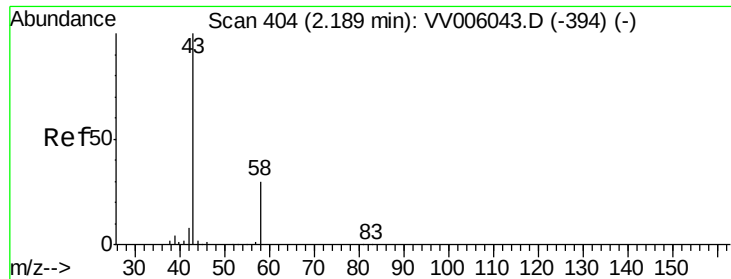


Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-379) (-)

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

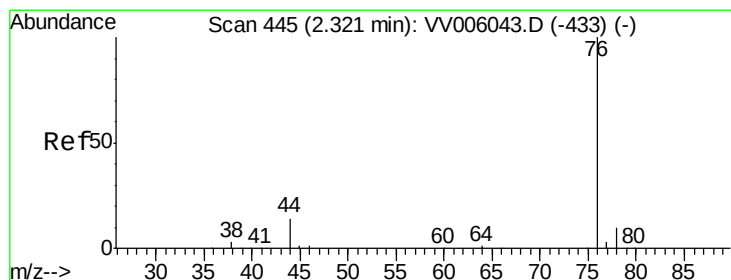
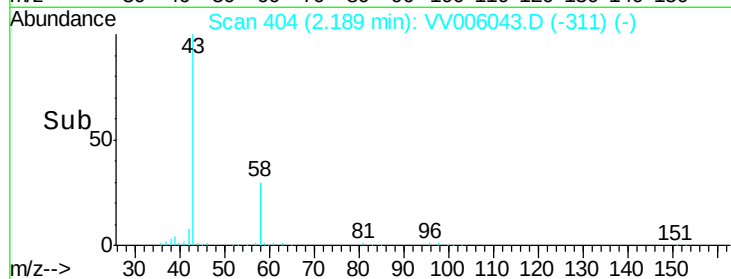
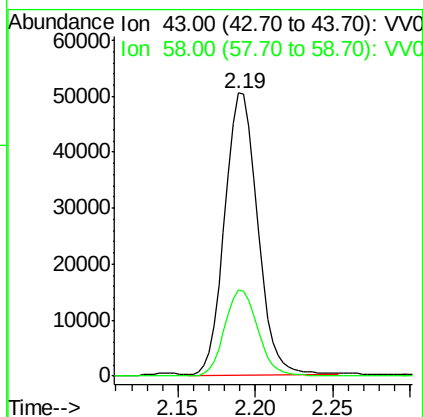
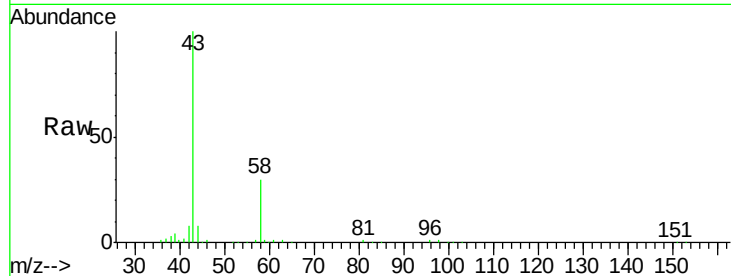
Ion 63.00 (62.70 to 63.70): VV006043.D (-379) (-)





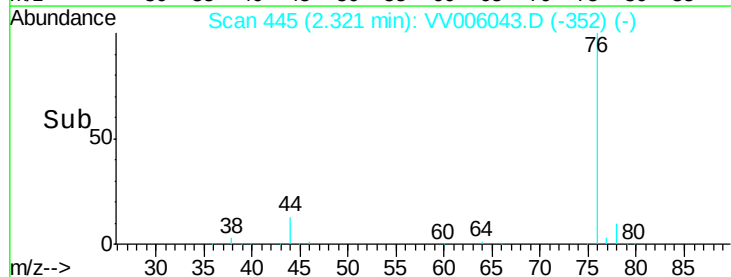
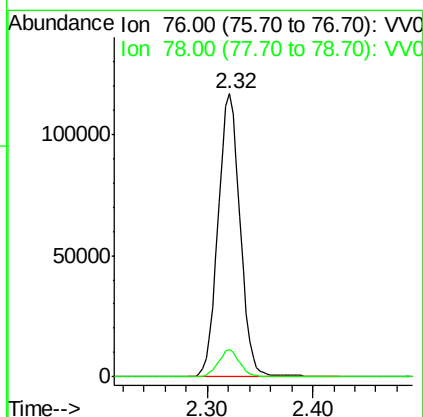
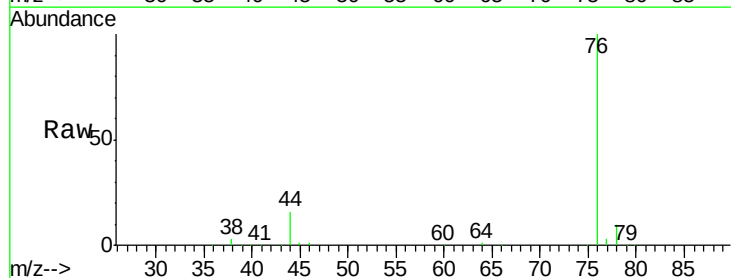
#13
Acetone
Concen: 100.00 ug/L
RT: 2.19 min Scan# 404
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

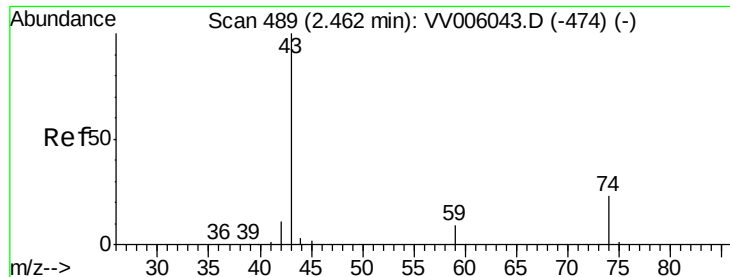
Tgt Ion: 43 Resp: 74609
Ion Ratio Lower Upper
43 100
58 30.8 0.0 61.6



#14
Carbon disulfide
Concen: 50.00 ug/L
RT: 2.32 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

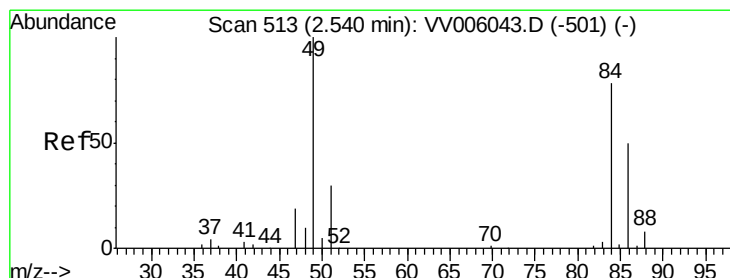
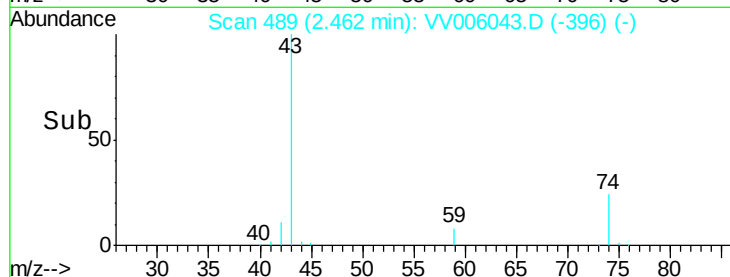
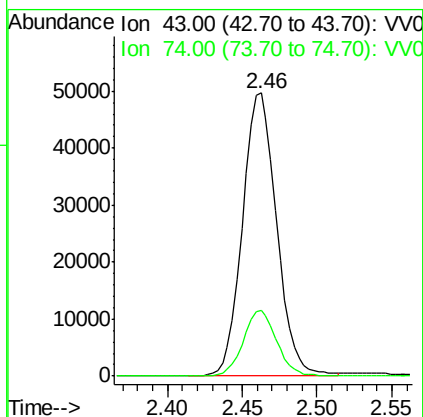
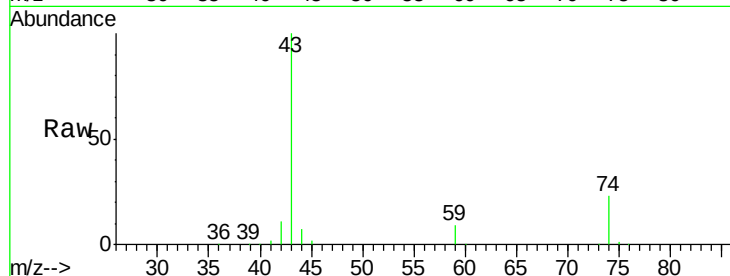
Tgt Ion: 76 Resp: 168696
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4





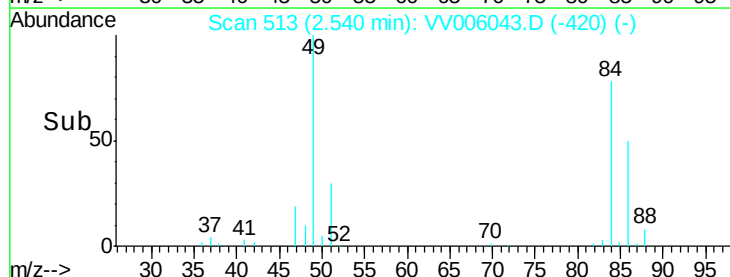
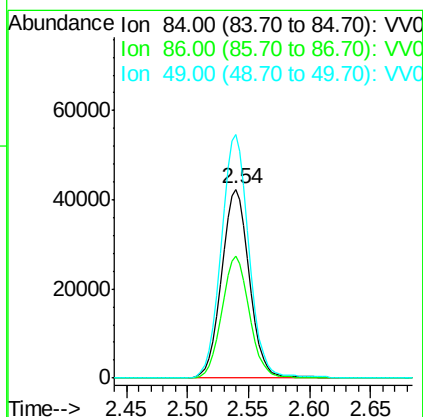
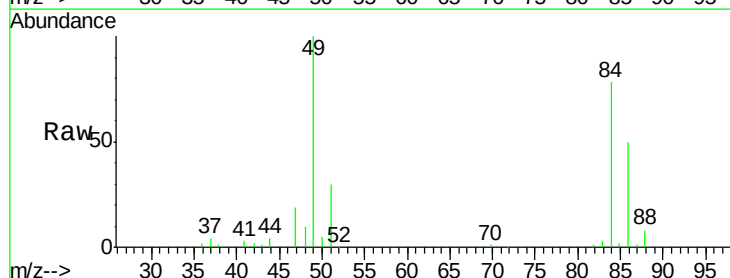
#15
Methyl Acetate
Concen: 50.00 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

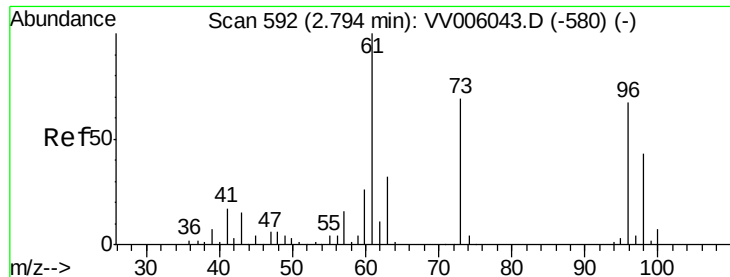
Tgt Ion: 43 Resp: 78515
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



#16
Methylene chloride
Concen: 50.00 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion: 84 Resp: 68086
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.7
49 128.9 90.2 167.6





#17

trans-1,2-Dichloroethene

Concen: 50.00 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

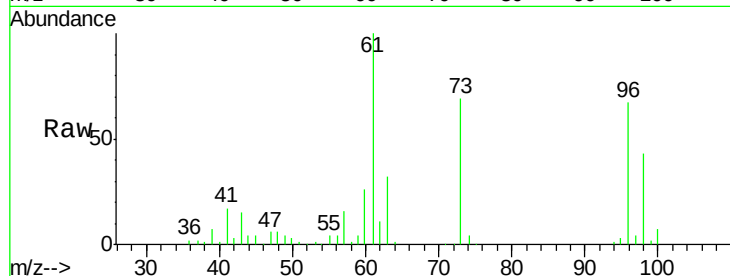
Tgt Ion: 96 Resp: 61053

Ion Ratio Lower Upper

96 100

61 149.8 104.9 194.7

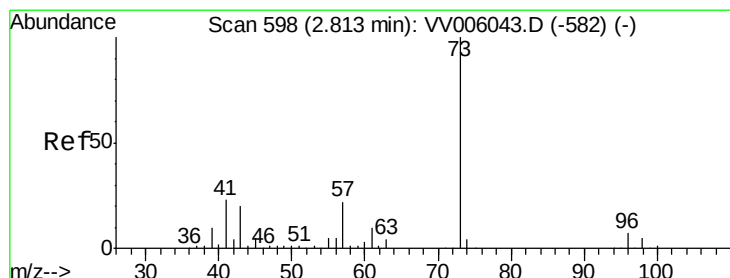
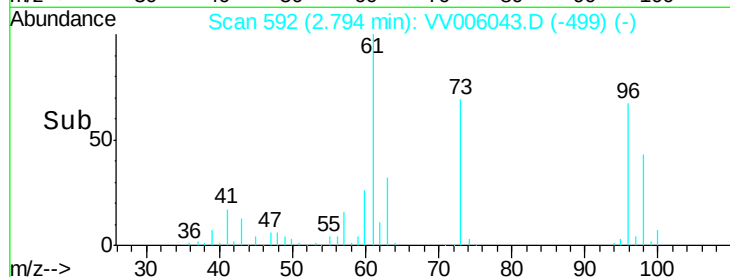
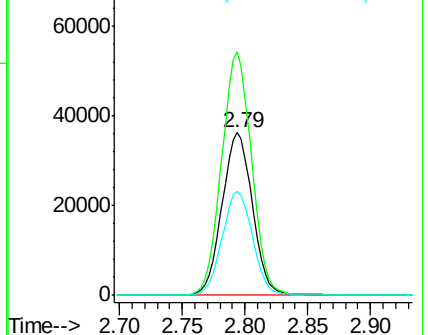
98 64.1 44.9 83.3



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: 50.00 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

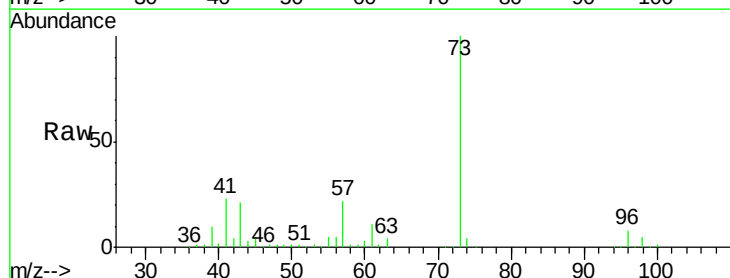
Tgt Ion: 73 Resp: 208119

Ion Ratio Lower Upper

73 100

43 20.2 16.2 24.2

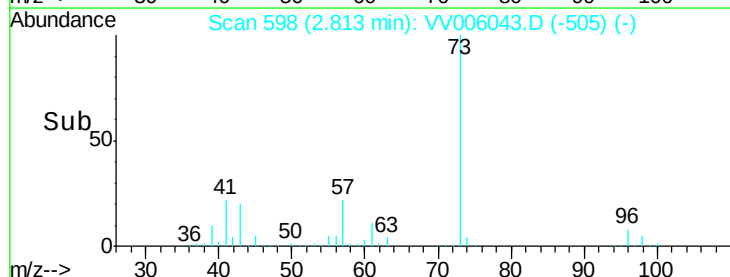
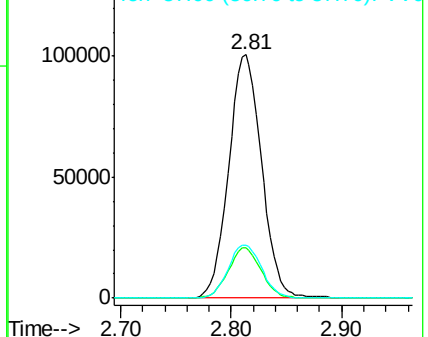
57 22.3 17.8 26.8

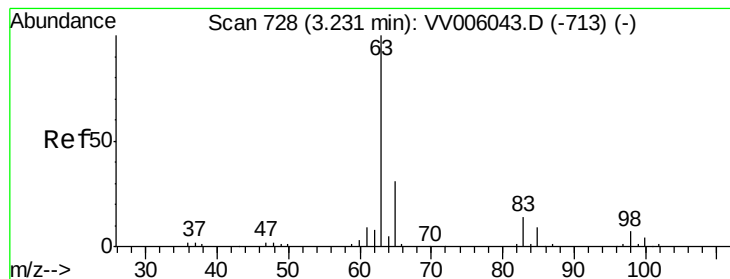


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 50.00 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

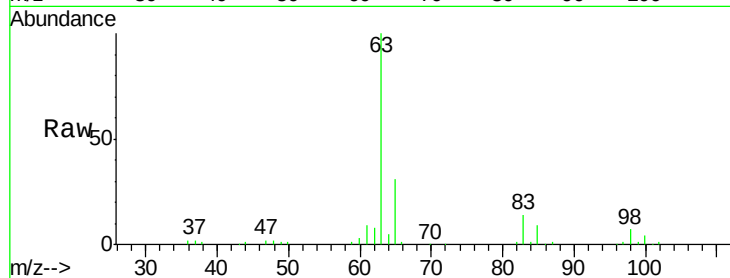
Tgt Ion: 63 Resp: 126598

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

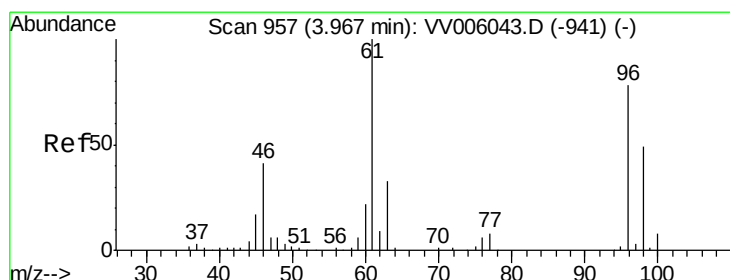
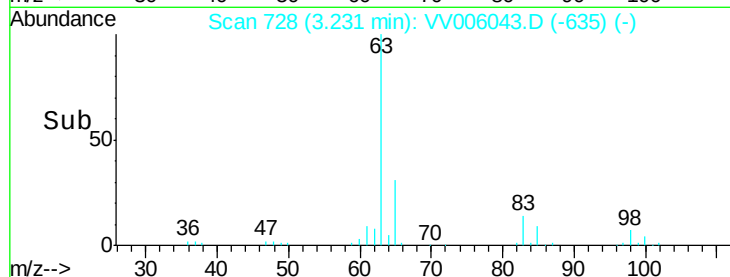
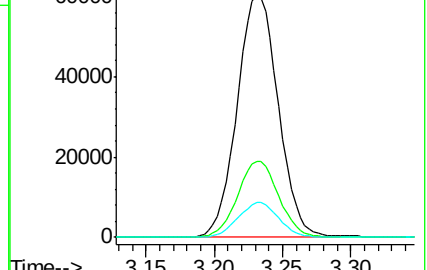
83 14.2 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV006043.D (-713) (-)

Ion 65.00 (64.70 to 65.70): VV006043.D (-713) (-)

Ion 83.00 (82.70 to 83.70): VV006043.D (-713) (-)



#20

cis-1,2-Dichloroethene

Concen: 50.00 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

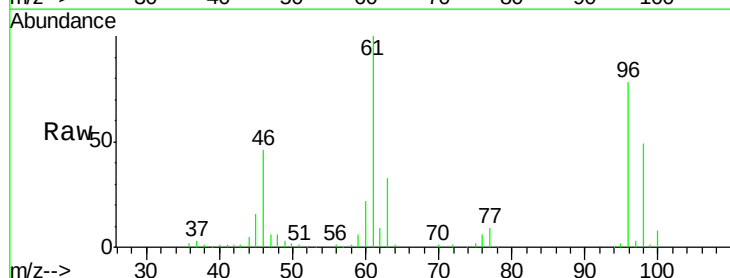
Tgt Ion: 96 Resp: 74138

Ion Ratio Lower Upper

96 100

61 128.5 89.9 167.0

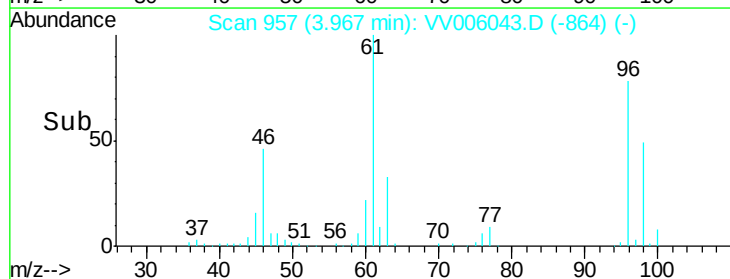
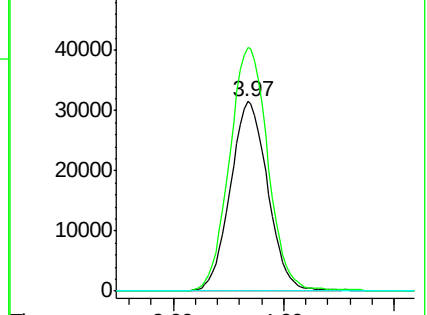
68 0.0 0.0 0.0

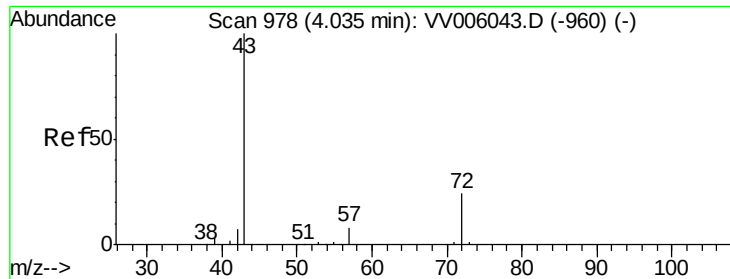


Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-941) (-)

Ion 61.00 (60.70 to 61.70): VV006043.D (-941) (-)

Ion 68.00 (67.70 to 68.70): VV006043.D (-941) (-)





#22

2-Butanone

Concen: 100.00 ug/L

RT: 4.03 min Scan# 978

Delta R.T. 0.00 min

Lab File: VV006043.D

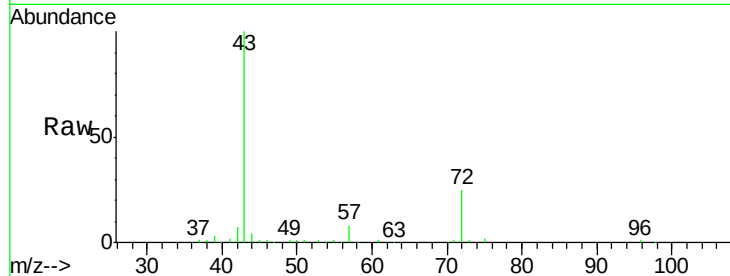
Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 111201

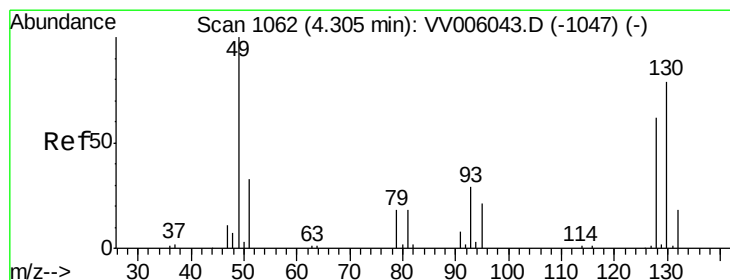
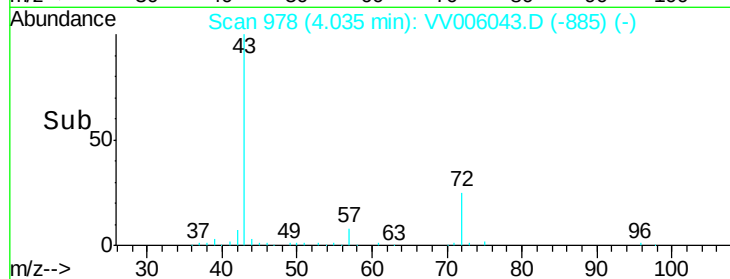
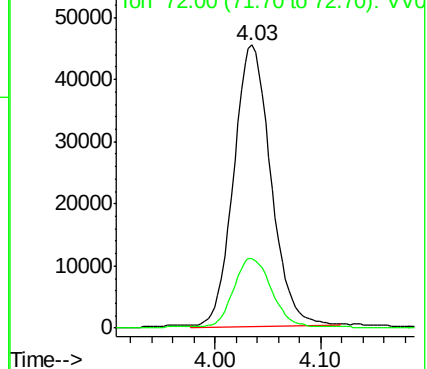
Ion Ratio Lower Upper

43 100

72 24.7 12.4 37.0



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



#23

Bromochloromethane

Concen: 50.00 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

Tgt Ion: 128 Resp: 36533

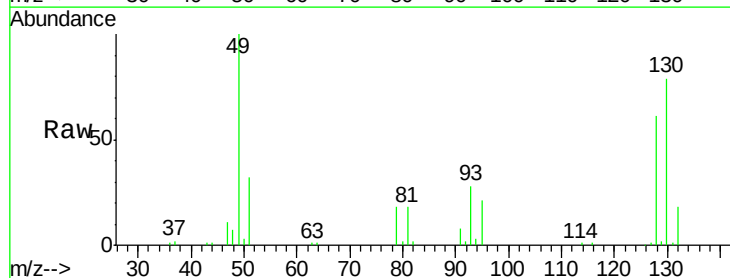
Ion Ratio Lower Upper

128 100

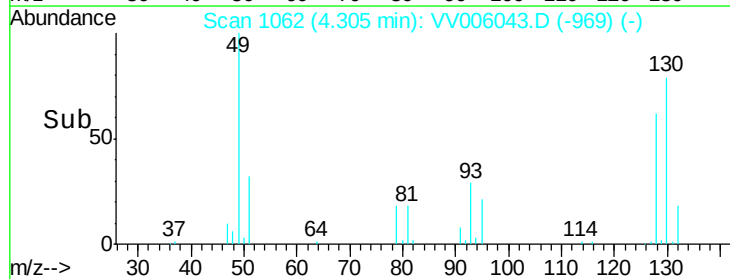
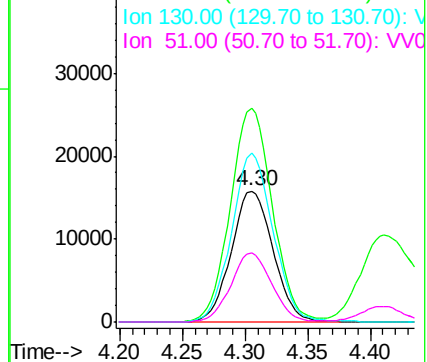
49 162.9 114.0 211.8

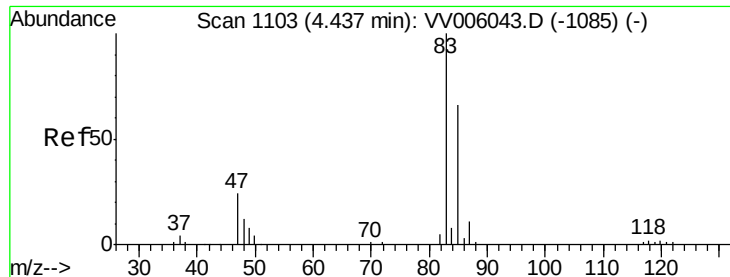
130 128.6 90.0 167.2

51 52.6 42.1 63.1



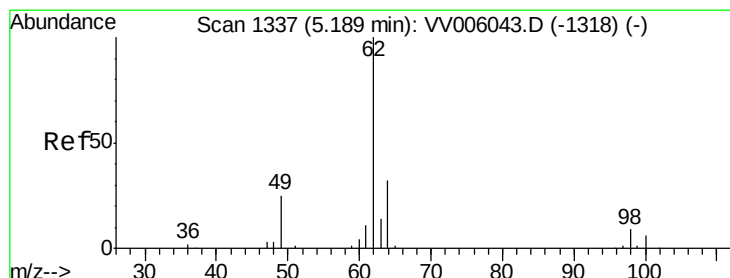
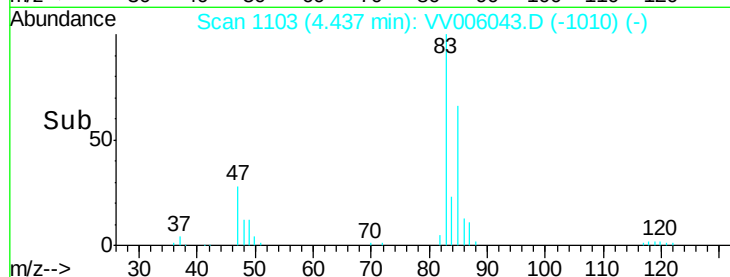
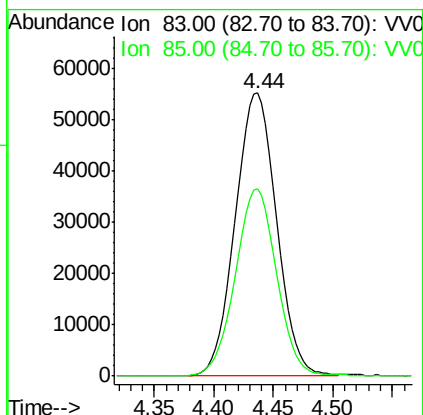
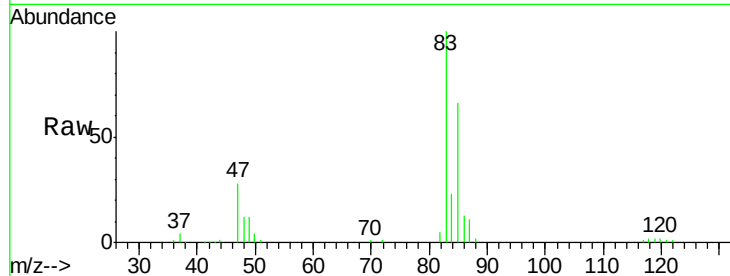
Abundance Ion 128.00 (127.70 to 128.70): VV006043.D (-1047) (-)





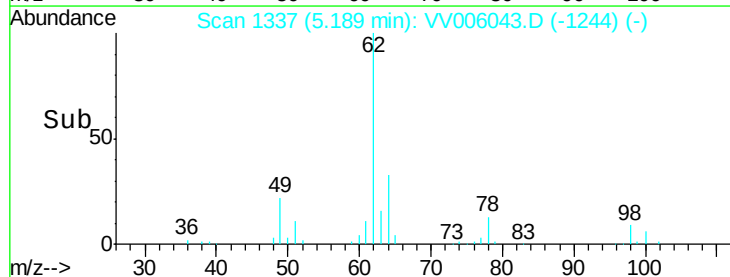
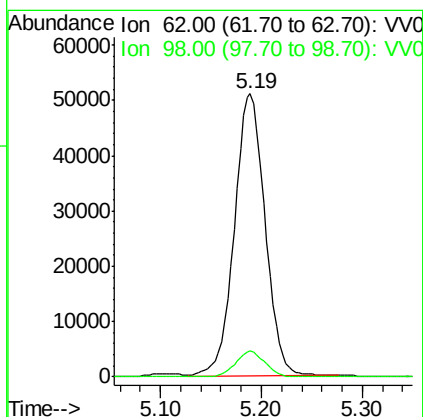
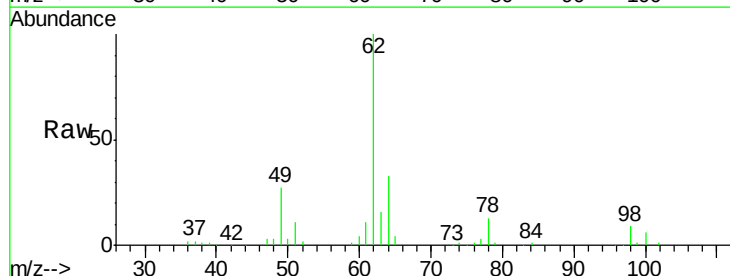
#25
Chloroform
Concen: 50.00 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

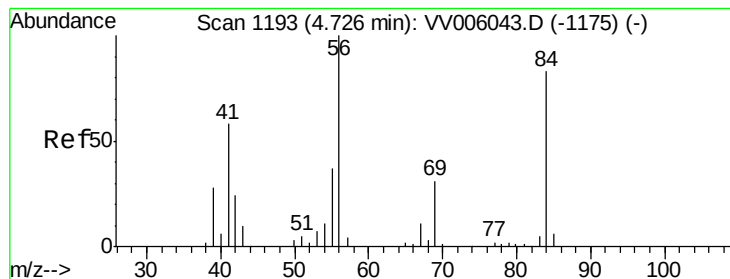
Tgt Ion: 83 Resp: 133385
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 50.00 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion: 62 Resp: 107850
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 50.00 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

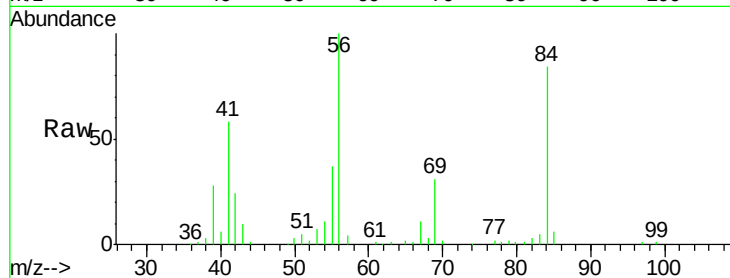
Tgt Ion: 56 Resp: 110327

Ion Ratio Lower Upper

56 100

69 30.5 24.4 36.6

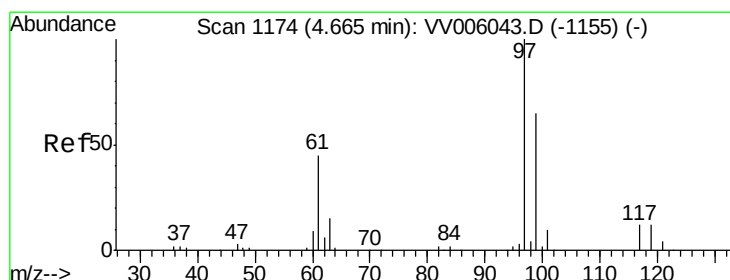
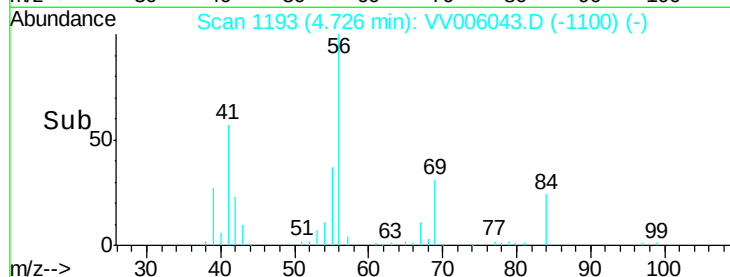
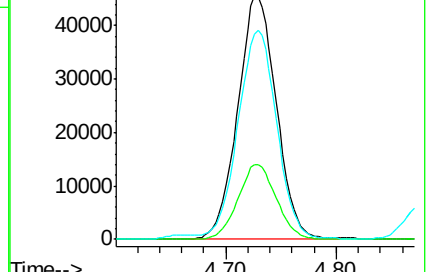
84 87.9 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VV006043.D (-1175) (-)

Ion 69.00 (68.70 to 69.70): VV006043.D (-1175) (-)

Ion 84.00 (83.70 to 84.70): VV006043.D (-1175) (-)



#30

1,1,1-Trichloroethane

Concen: 50.00 ug/L

RT: 4.66 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

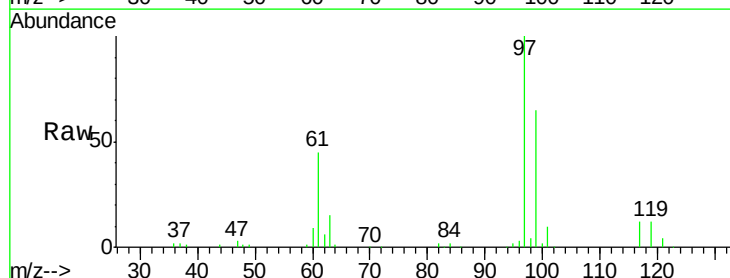
Tgt Ion: 97 Resp: 117058

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

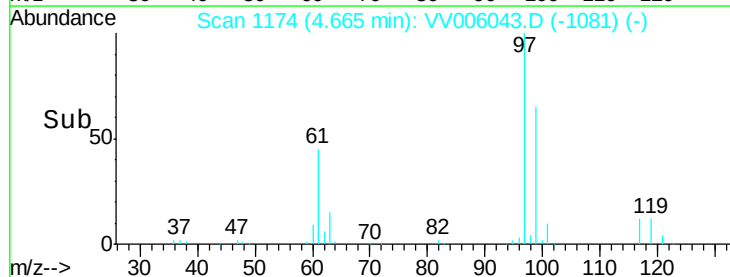
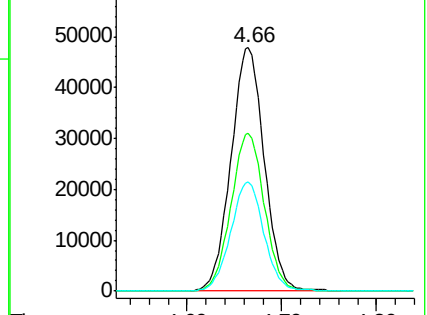
61 45.0 36.0 54.0

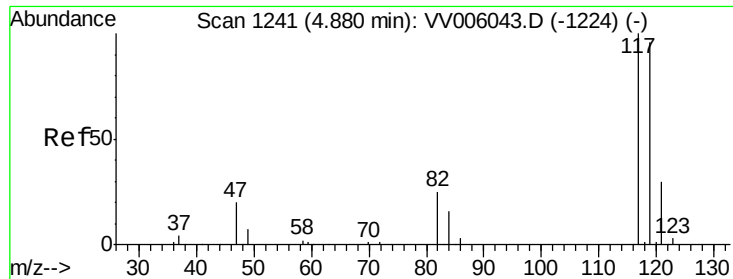


Abundance Ion 97.00 (96.70 to 97.70): VV006043.D (-1155) (-)

Ion 99.00 (98.70 to 99.70): VV006043.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VV006043.D (-1155) (-)





#31

Carbon tetrachloride

Concen: 50.00 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV006043.D

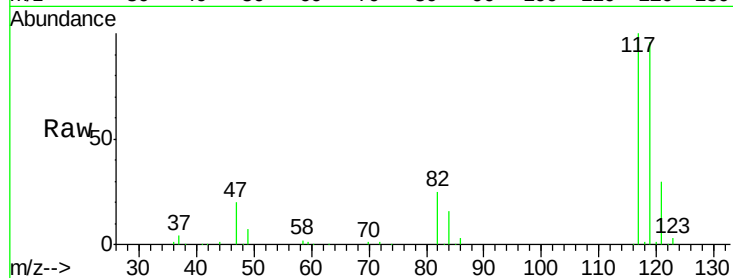
Acq: 25 May 2018 21:30

Tgt Ion: 117 Resp: 102584

Ion Ratio Lower Upper

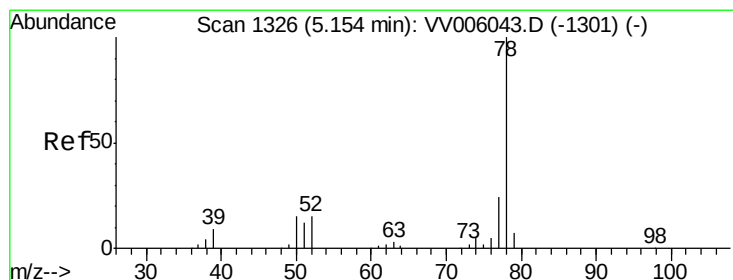
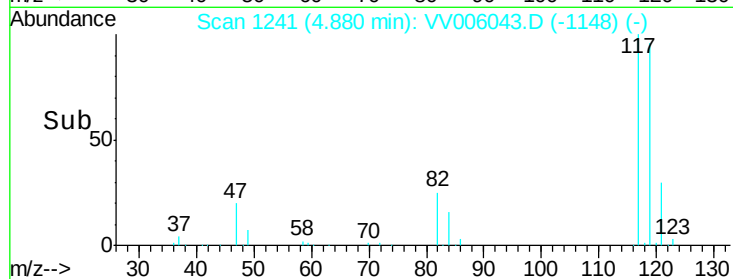
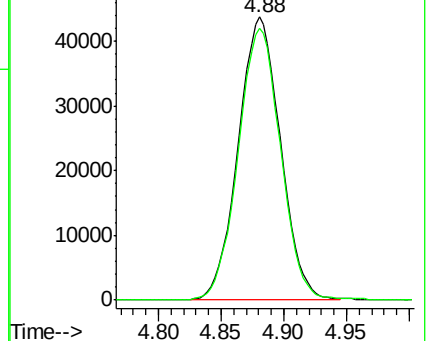
117 100

119 96.3 77.0 115.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.00 ug/L

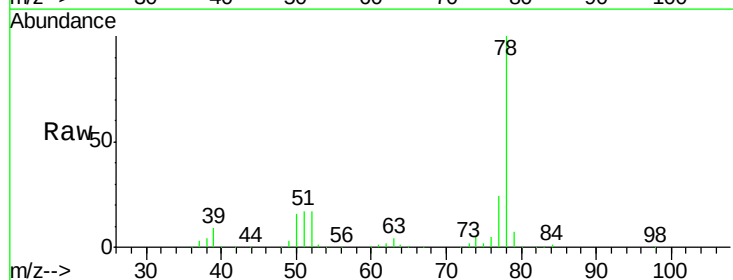
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

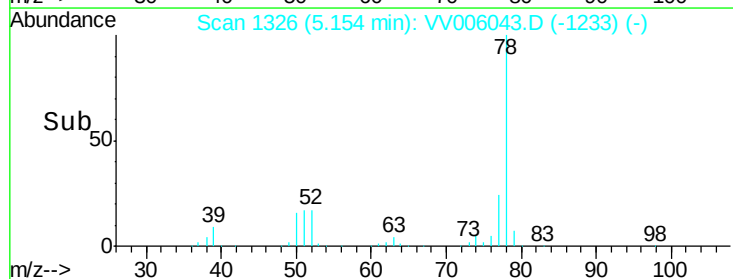
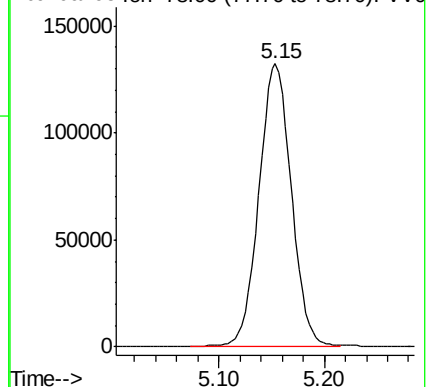
Lab File: VV006043.D

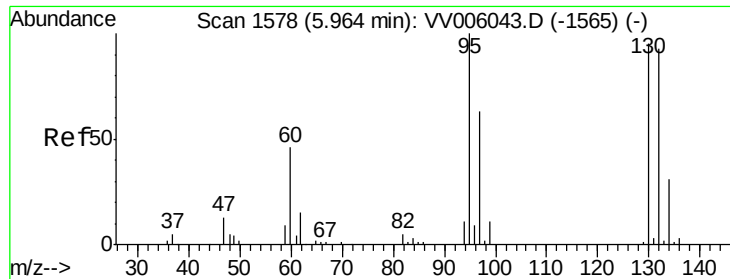
Acq: 25 May 2018 21:30

Tgt Ion: 78 Resp: 284111



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 50.00 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

Tgt Ion: 95 Resp: 71045

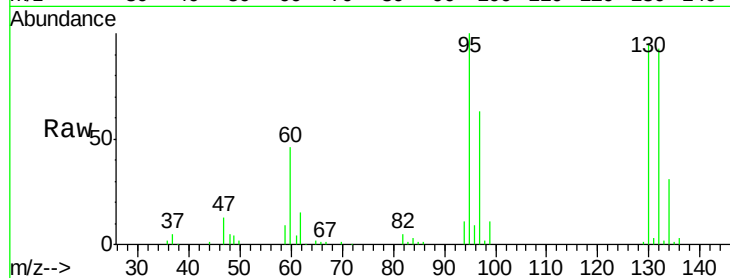
Ion Ratio Lower Upper

95 100

97 62.8 44.0 81.6

132 92.8 65.0 120.6

130 95.2 66.6 123.8

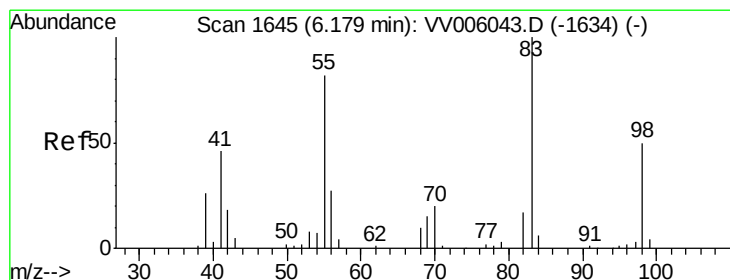
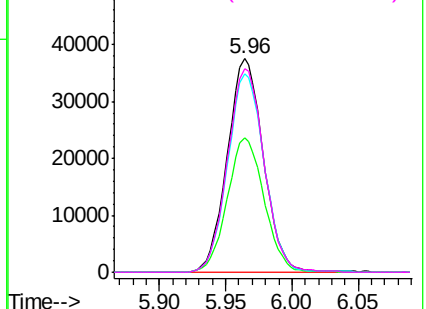
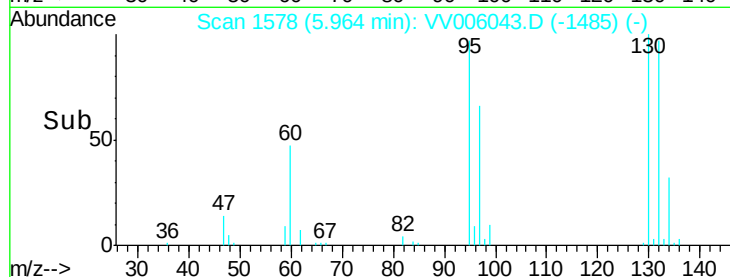


Abundance Ion 95.00 (94.70 to 95.70): VV006043.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VV006043.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VV006043.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VV006043.D (-1565) (-)



#35

Methylcyclohexane

Concen: 50.00 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

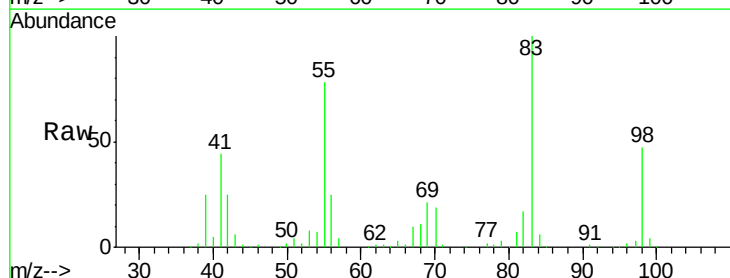
Tgt Ion: 83 Resp: 114321

Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

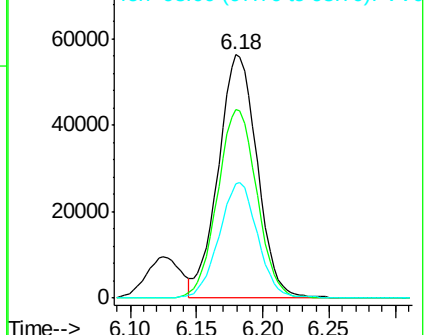
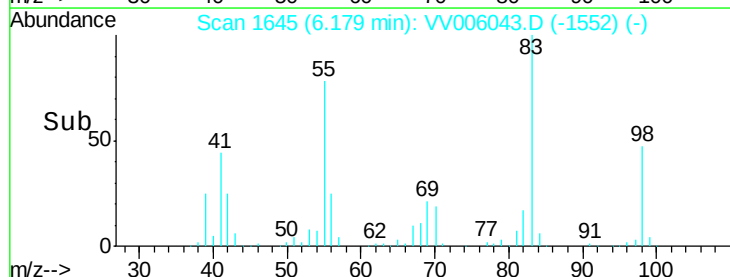
98 47.3 37.8 56.8

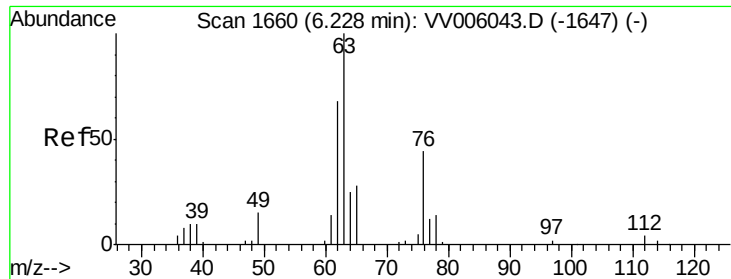


Abundance Ion 83.00 (82.70 to 83.70): VV006043.D (-1634) (-)

Ion 55.00 (54.70 to 55.70): VV006043.D (-1634) (-)

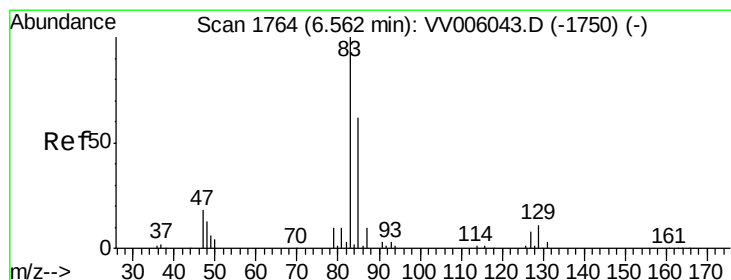
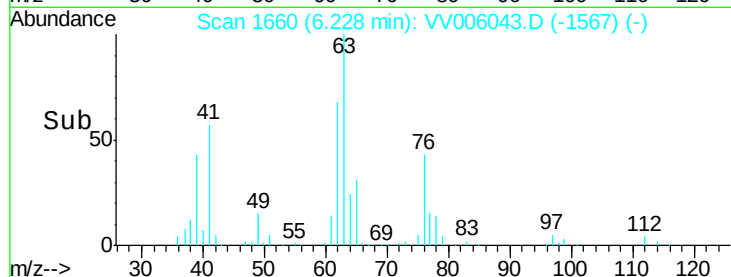
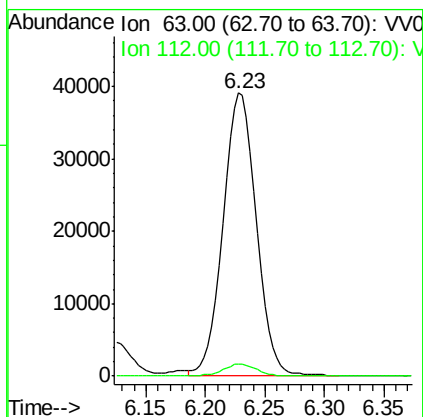
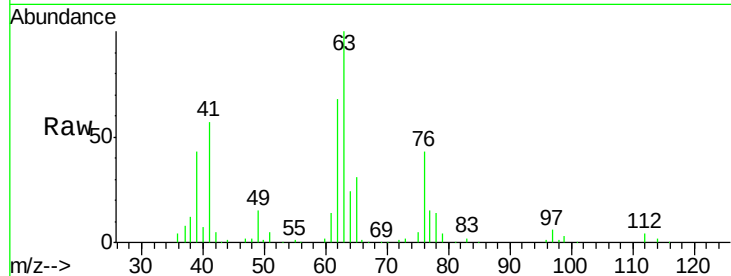
Ion 98.00 (97.70 to 98.70): VV006043.D (-1634) (-)





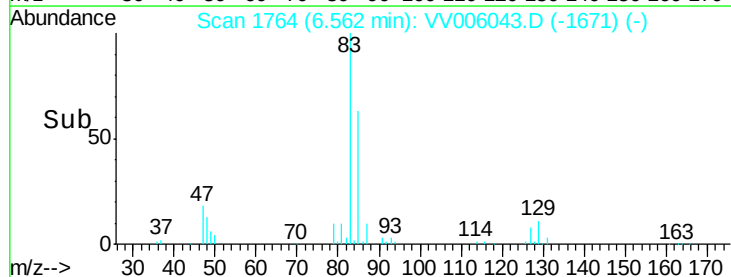
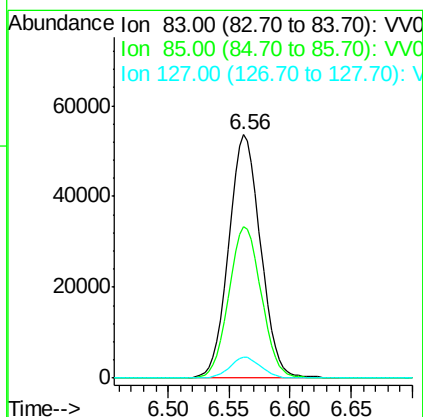
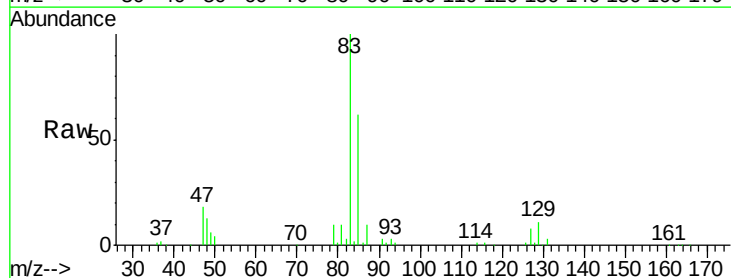
#37
 1,2-Dichloropropane
 Concen: 50.00 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

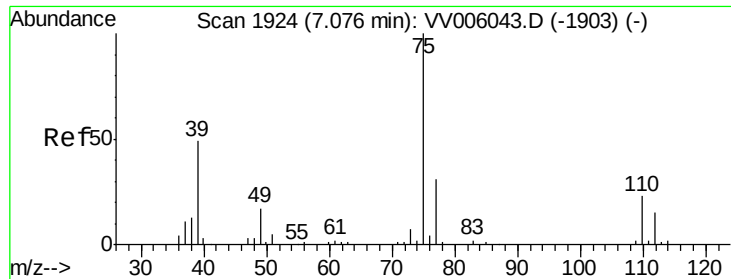
Tgt Ion: 63 Resp: 75363
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.4 5.2



#38
 Bromodichloromethane
 Concen: 50.00 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

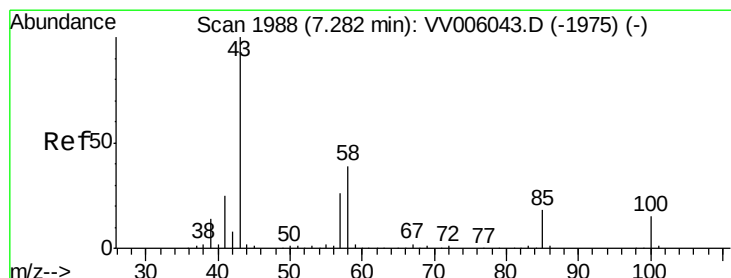
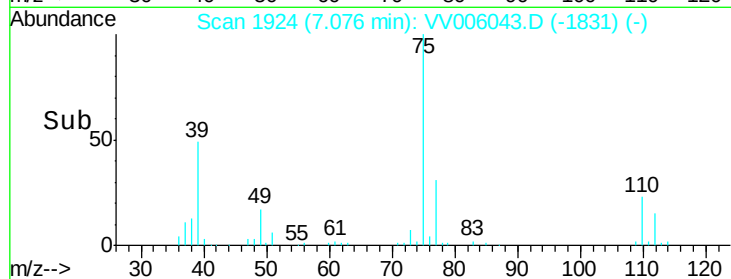
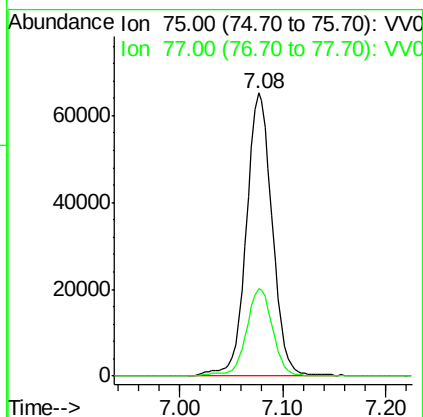
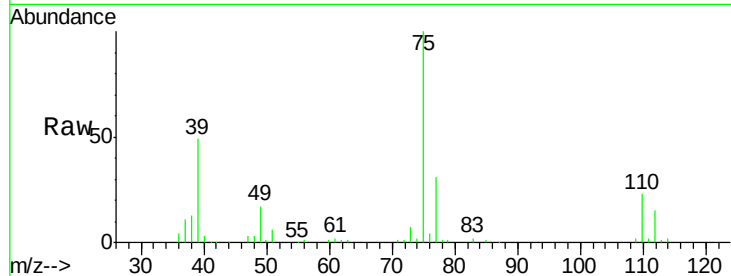
Tgt Ion: 83 Resp: 97971
 Ion Ratio Lower Upper
 83 100
 85 62.4 43.7 81.1
 127 8.3 6.6 10.0





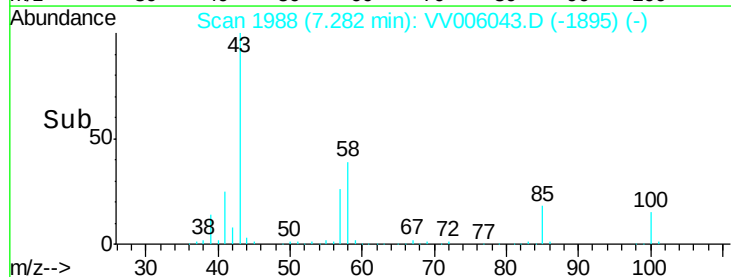
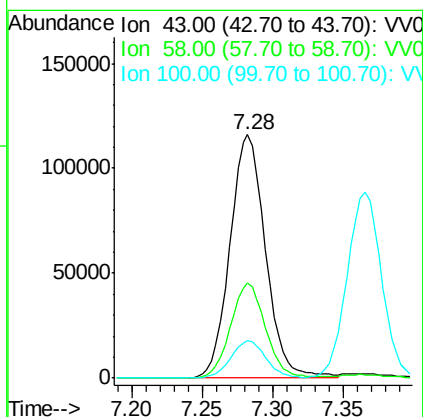
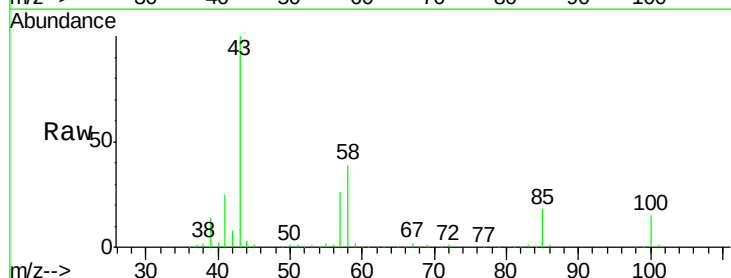
#39
 cis-1,3-Dichloropropene
 Concen: 50.00 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

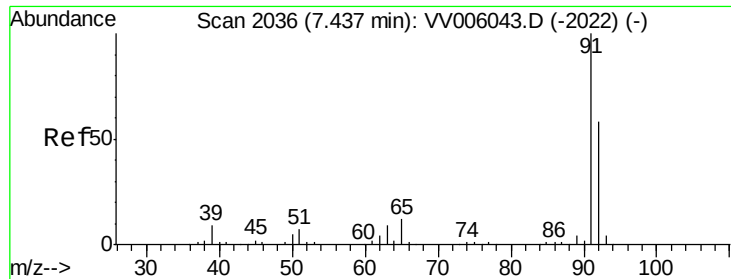
Tgt Ion: 75 Resp: 113701
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 100.00 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 205575
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.7 46.1
 100 15.1 12.1 18.1





#42

Toluene

Concen: 50.00 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006043.D

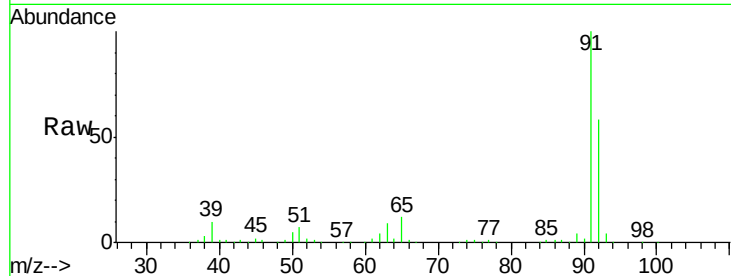
Acq: 25 May 2018 21:30

Tgt Ion: 91 Resp: 299133

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.44

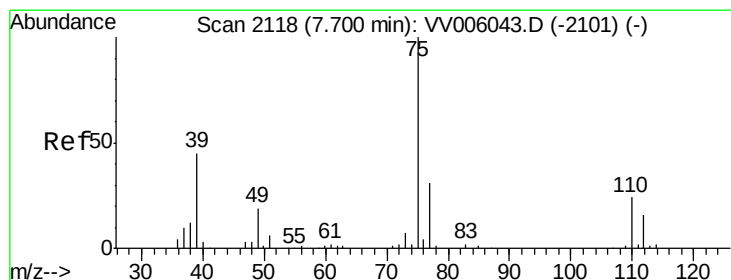
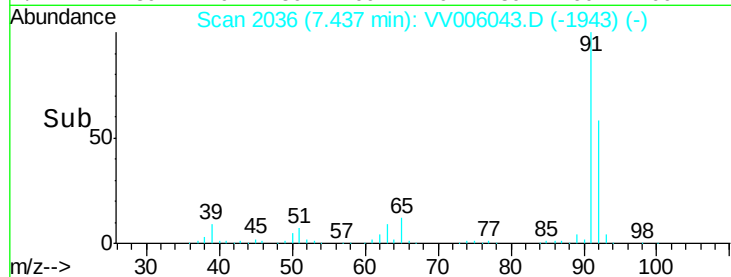
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.00 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006043.D

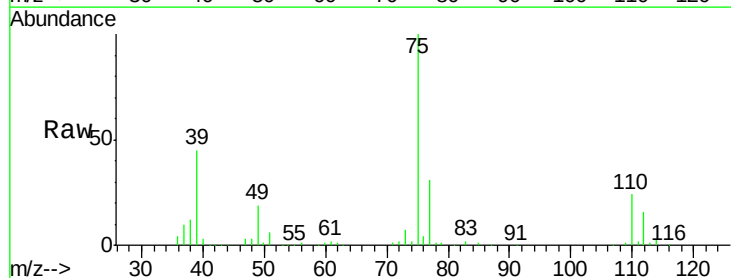
Acq: 25 May 2018 21:30

Tgt Ion: 75 Resp: 107826

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.70

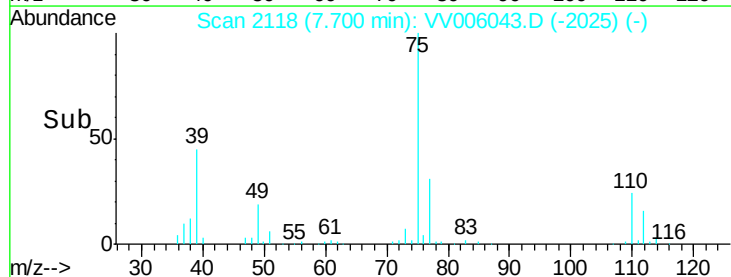
60000

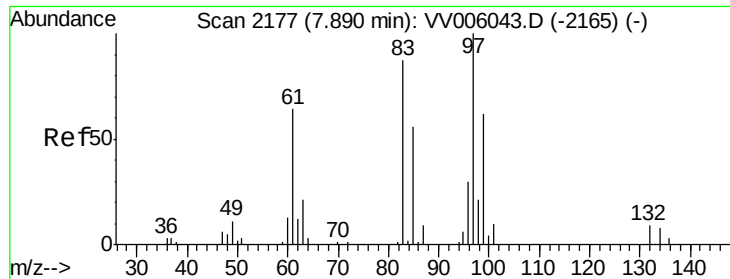
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 50.00 ug/L

RT: 7.89 min Scan# 2177

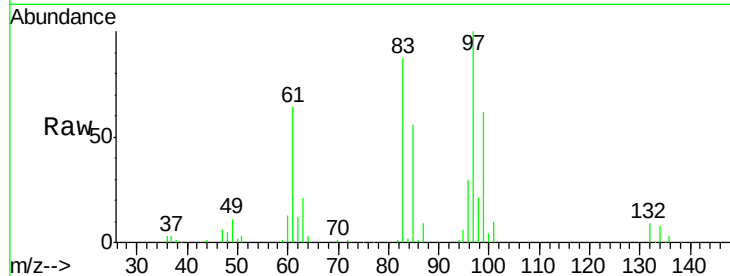
Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

Tgt Ion: 97 Resp: 71062

Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	86.7	60.7	112.7
85	56.1	39.3	72.9

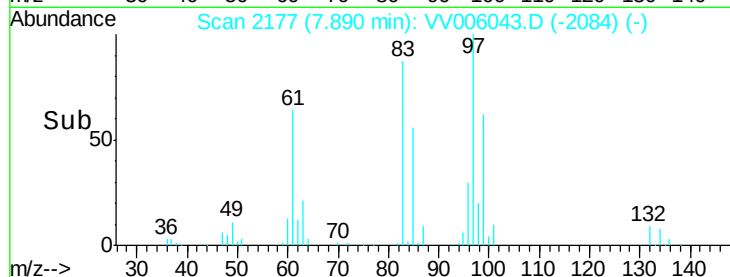


Abundance Ion 97.00 (96.70 to 97.70): VV0

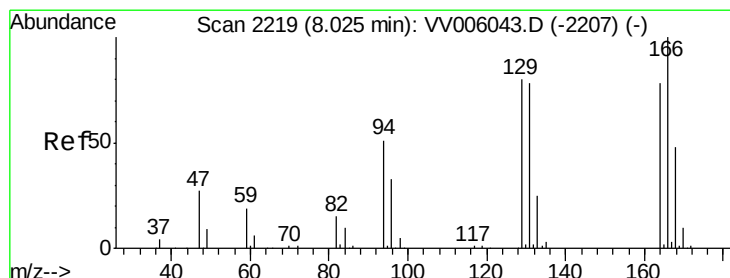
Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



Time--> 7.80 7.85 7.90 7.95



#46

Tetrachloroethene

Concen: 50.00 ug/L

RT: 8.02 min Scan# 2219

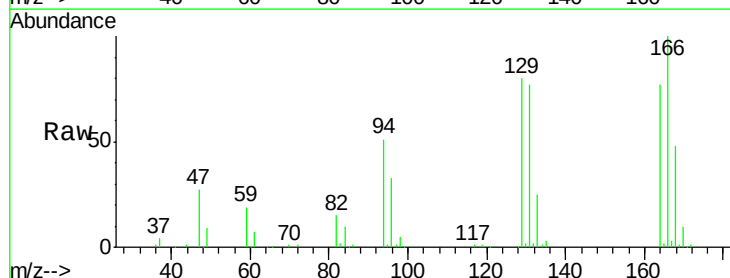
Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

Tgt Ion: 164 Resp: 52820

Ion	Ratio	Lower	Upper
164	100		
129	103.2	72.2	134.2
131	100.0	70.0	130.0
166	129.1	90.4	167.8

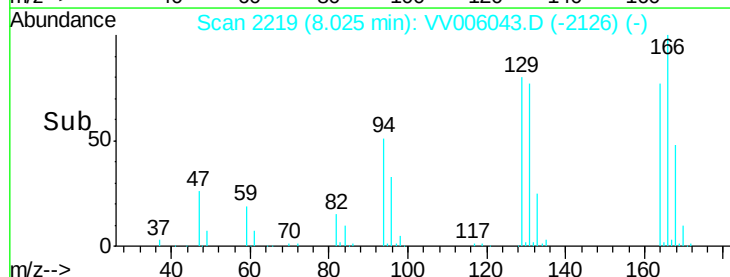


Abundance Ion 164.00 (163.70 to 164.70): V

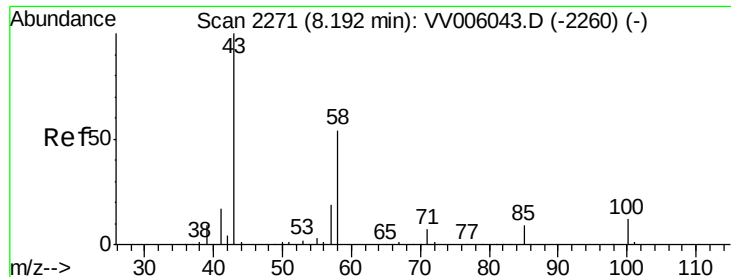
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

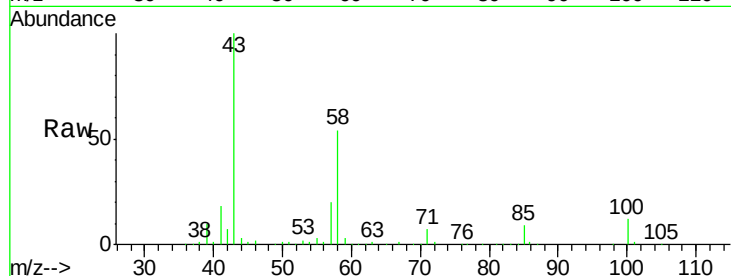


Time--> 7.95 8.00 8.05 8.10

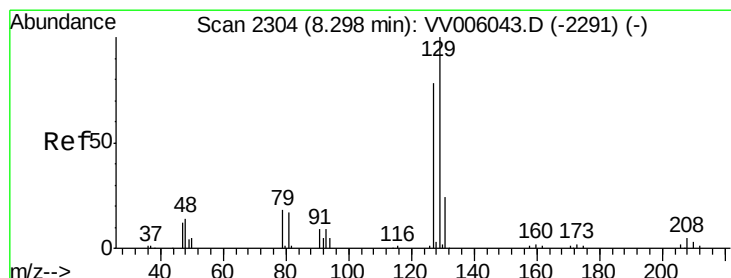
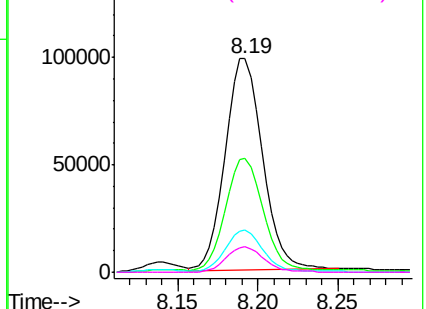
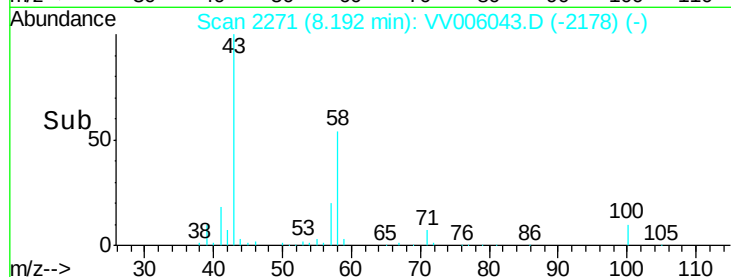


#48
2-Hexanone
Concen: 100.00 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 156850
Ion Ratio Lower Upper
43 100
58 56.8 45.4 68.2
57 19.9 15.9 23.9
100 12.2 9.8 14.6

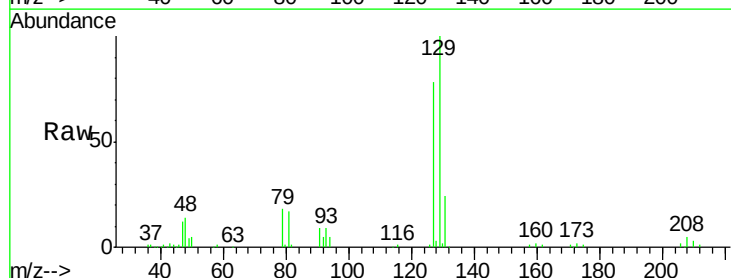


Abundance Ion 43.00 (42.70 to 43.70): VV006043.D (-2260) (-)
Ion 58.00 (57.70 to 58.70): VV006043.D (-2260) (-)
Ion 57.00 (56.70 to 57.70): VV006043.D (-2260) (-)
Ion 100.00 (99.70 to 100.70): VV006043.D (-2260) (-)

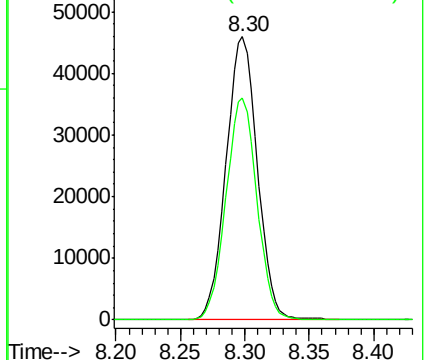
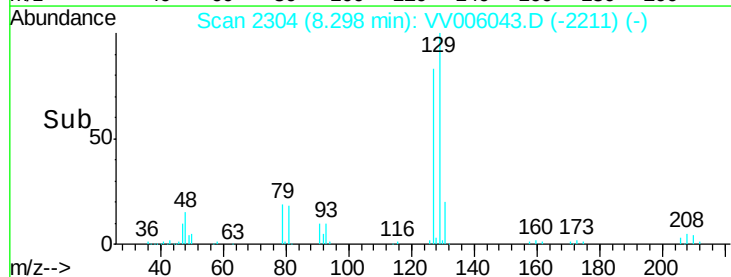


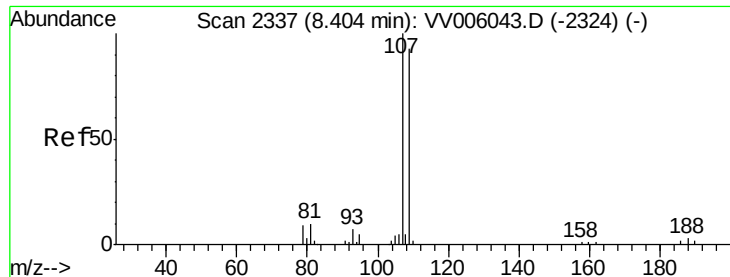
#49
Dibromochloromethane
Concen: 50.00 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion: 129 Resp: 77551
Ion Ratio Lower Upper
129 100
127 78.3 54.8 101.8



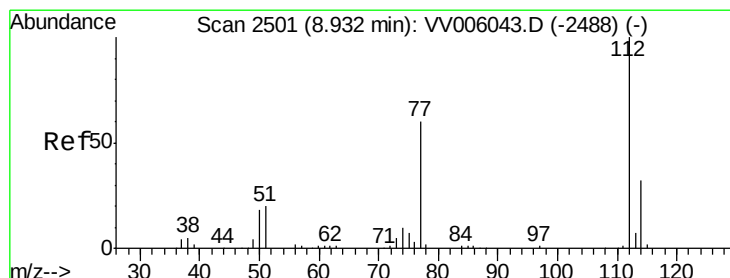
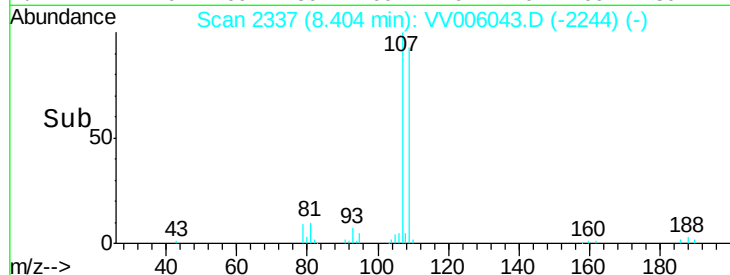
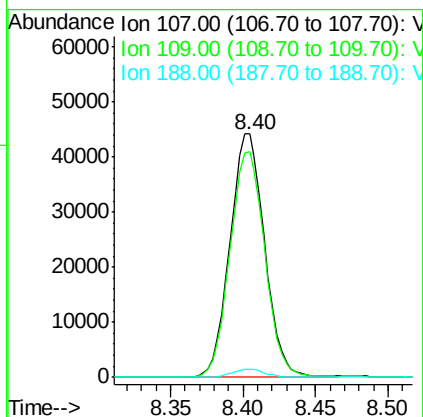
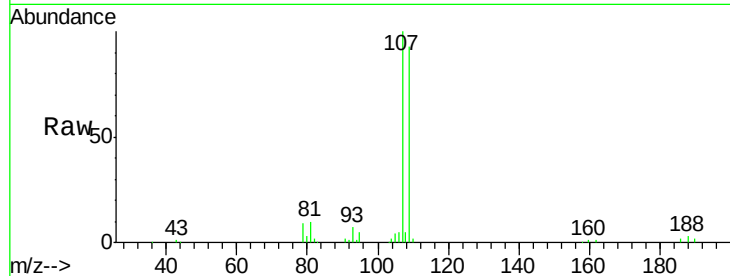
Abundance Ion 129.00 (128.70 to 129.70): VV006043.D (-2291) (-)
Ion 127.00 (126.70 to 127.70): VV006043.D (-2291) (-)





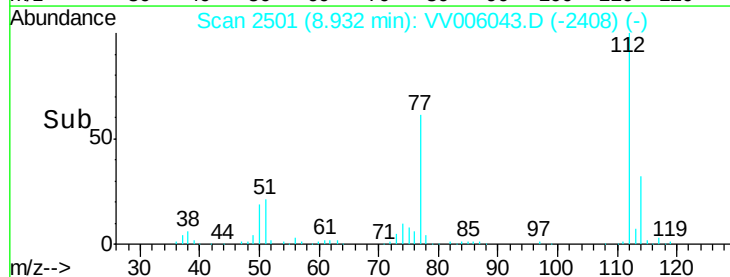
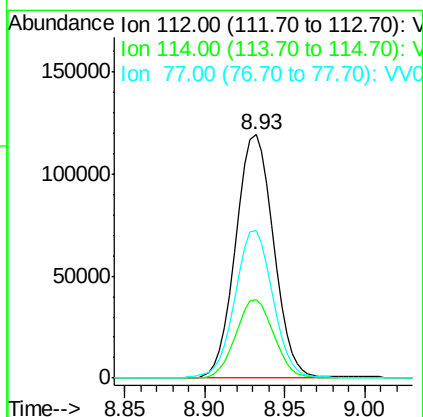
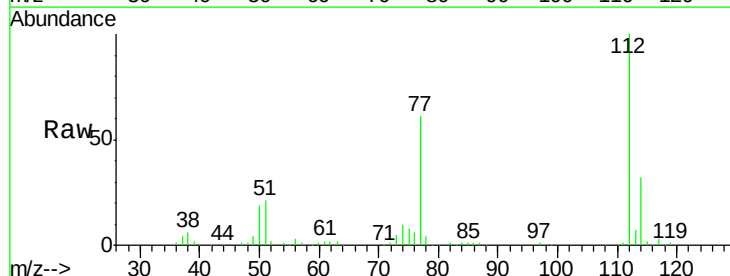
#50
 1,2-Dibromoethane
 Concen: 50.00 ug/L
 RT: 8.40 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

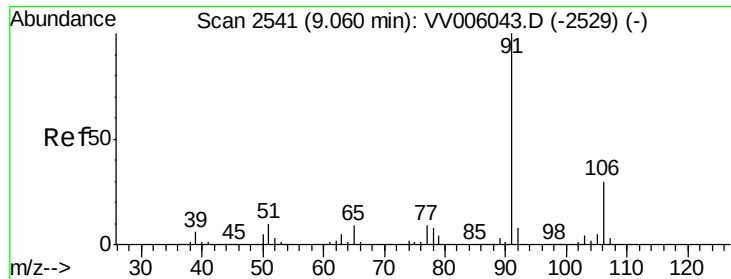
Tgt Ion:107 Resp: 73479
 Ion Ratio Lower Upper
 107 100
 109 92.6 64.8 120.4
 188 3.5 2.8 4.2



#51
 Chlorobenzene
 Concen: 50.00 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

Tgt Ion:112 Resp: 193079
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.7 42.1
 77 60.5 48.4 72.6





#52

Ethylbenzene

Concen: 50.00 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006043.D

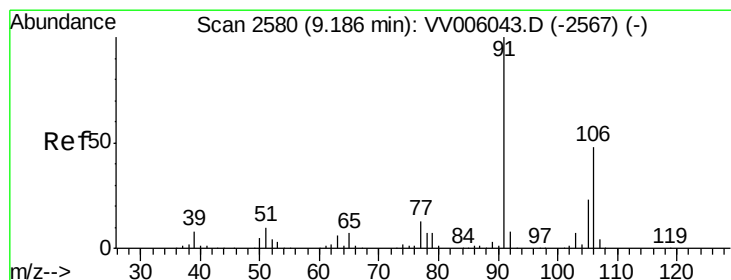
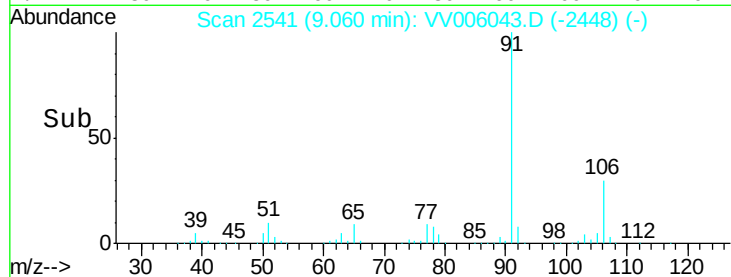
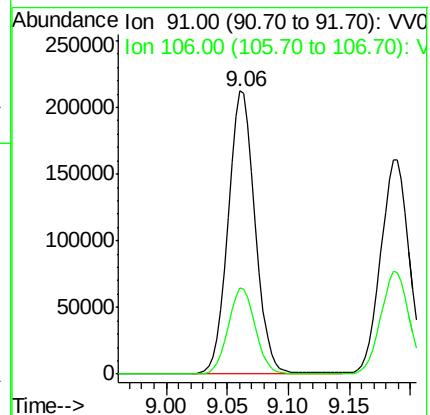
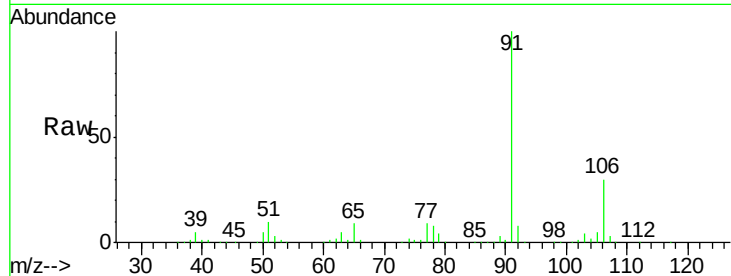
Acq: 25 May 2018 21:30

Tgt Ion: 91 Resp: 331860

Ion Ratio Lower Upper

91 100

106 30.3 21.2 39.4



#53

m,p-Xylene

Concen: 50.00 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006043.D

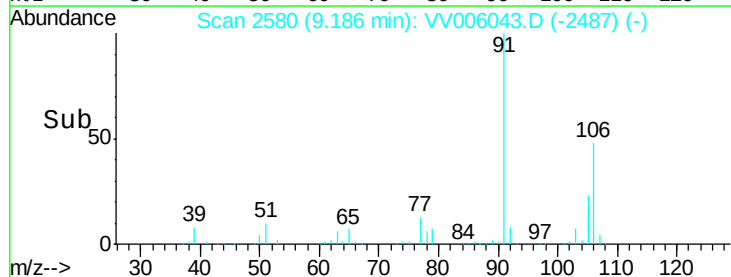
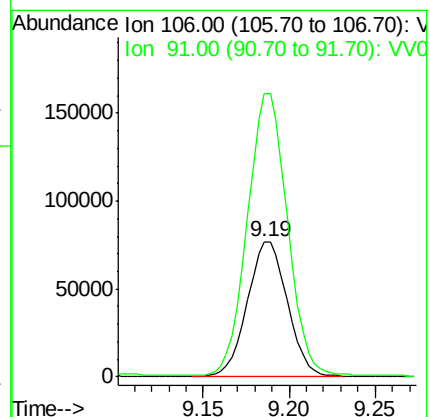
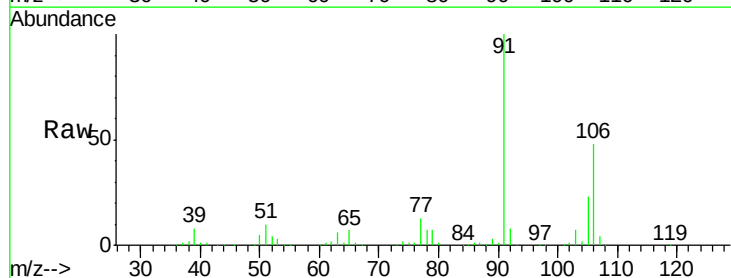
Acq: 25 May 2018 21:30

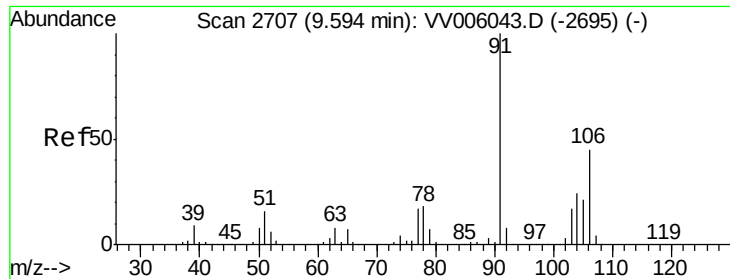
Tgt Ion: 106 Resp: 123771

Ion Ratio Lower Upper

106 100

91 209.1 146.4 271.8





#54

o-xylene

Concen: 50.00 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006043.D

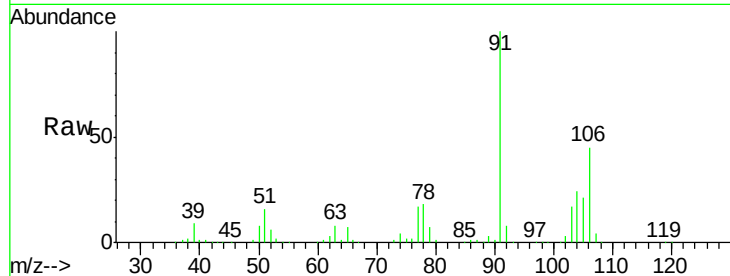
Acq: 25 May 2018 21:30

Tgt Ion:106 Resp: 124578

Ion Ratio Lower Upper

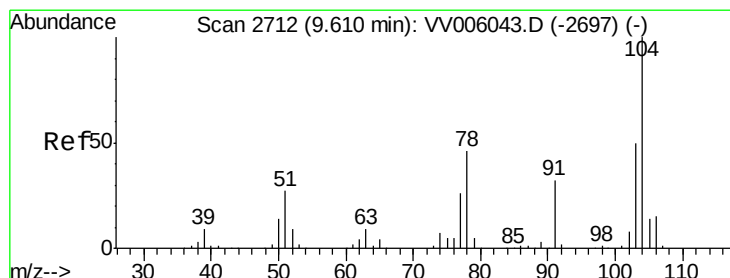
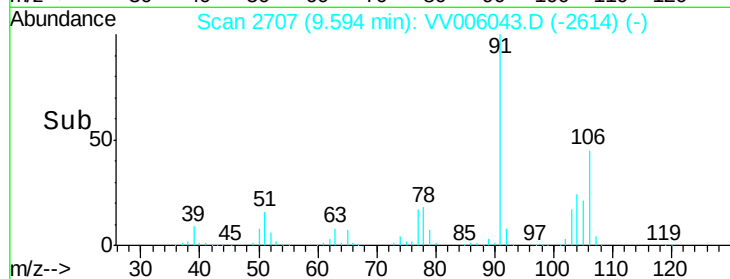
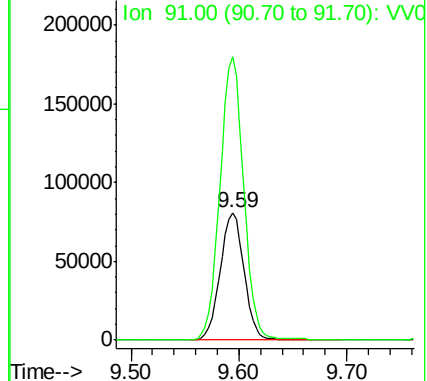
106 100

91 222.4 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 50.00 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006043.D

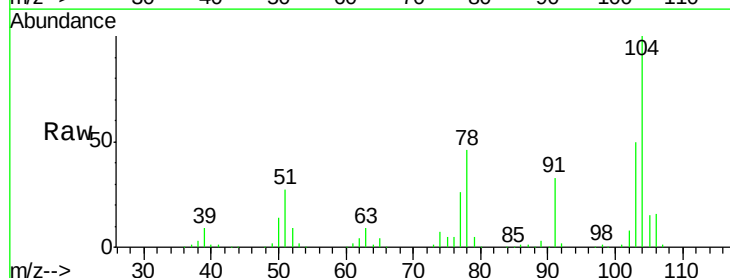
Acq: 25 May 2018 21:30

Tgt Ion:104 Resp: 213943

Ion Ratio Lower Upper

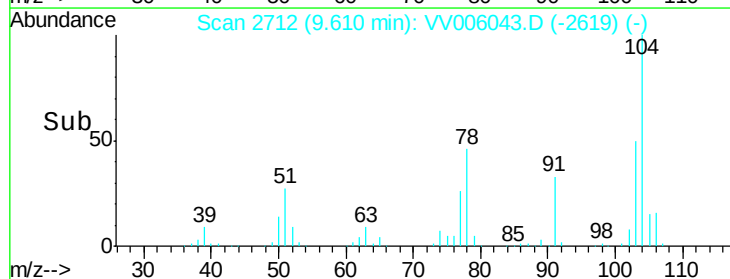
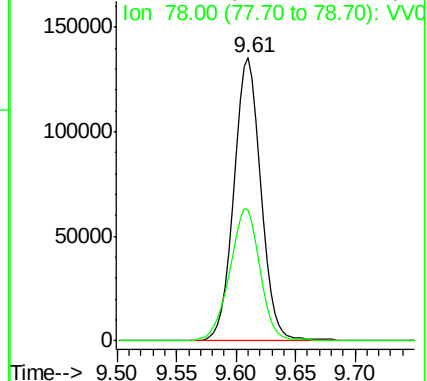
104 100

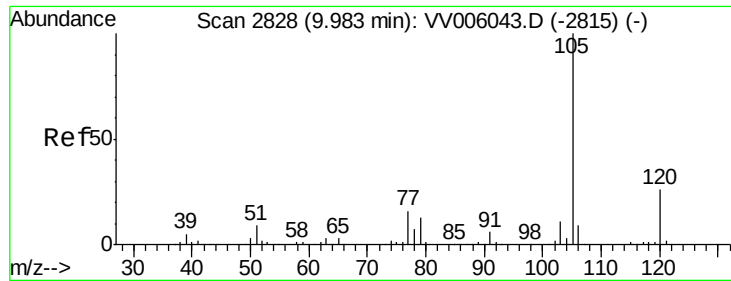
78 46.2 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 50.00 ug/L

RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

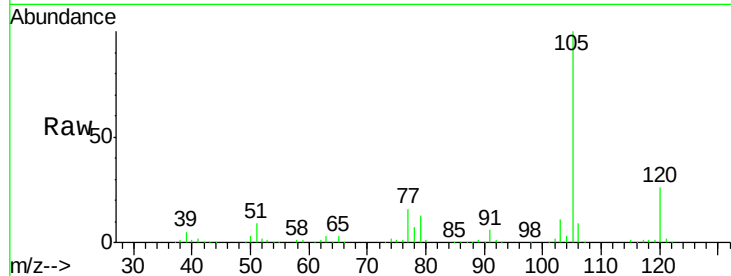
Tgt Ion: 105 Resp: 329963

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

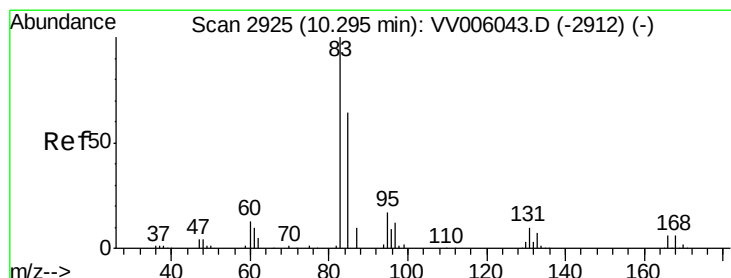
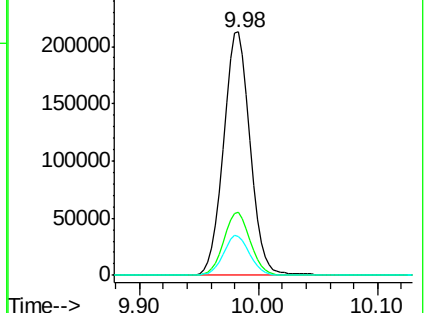
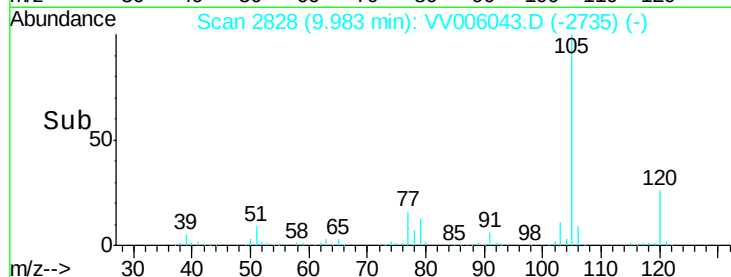
77 16.1 12.9 19.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 50.00 ug/L

RT: 10.29 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

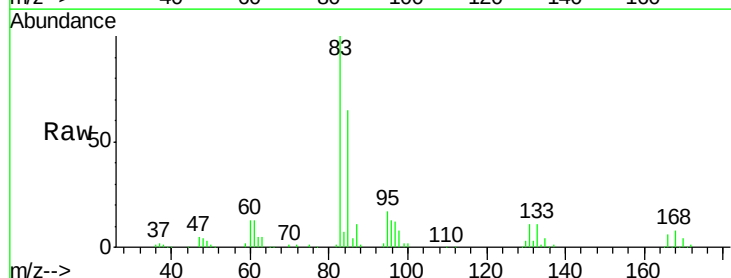
Tgt Ion: 83 Resp: 117934

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2

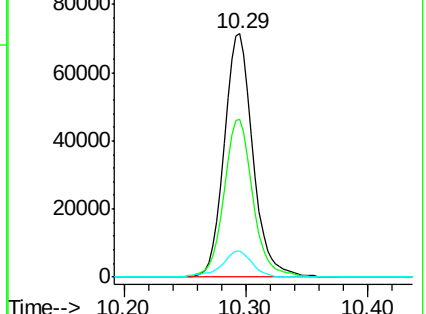
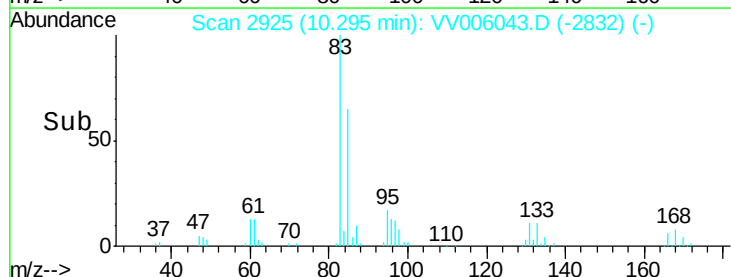
131 10.6 8.5 12.7

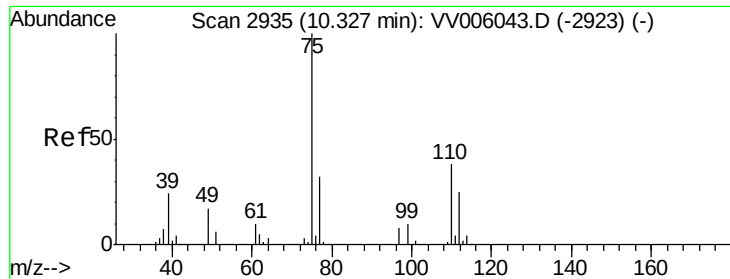


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

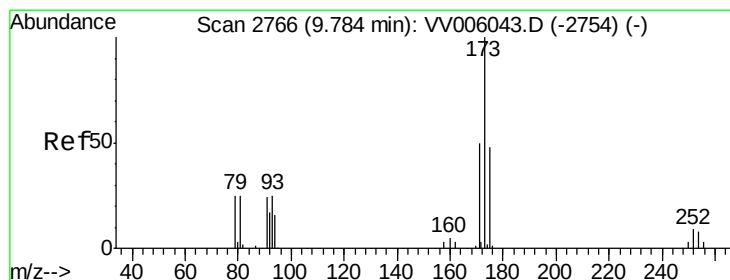
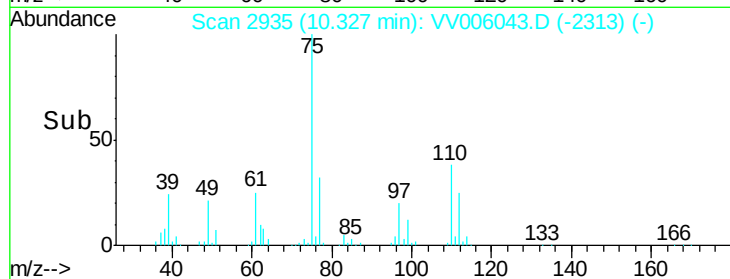
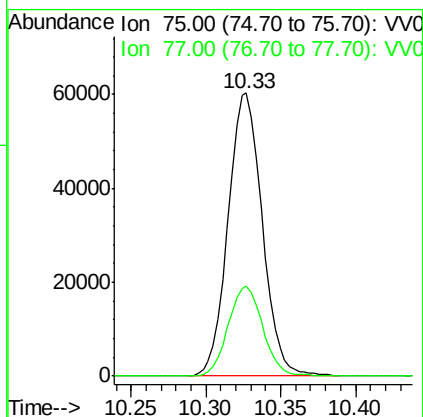
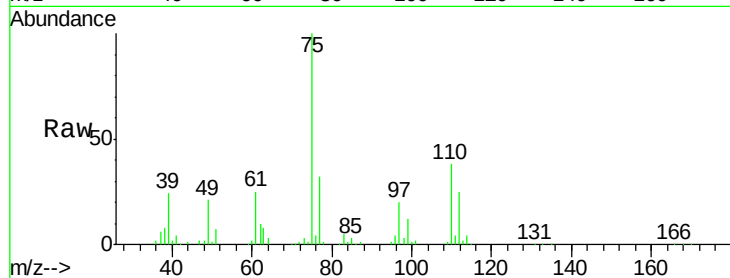
Ion 131.00 (130.70 to 131.70): V





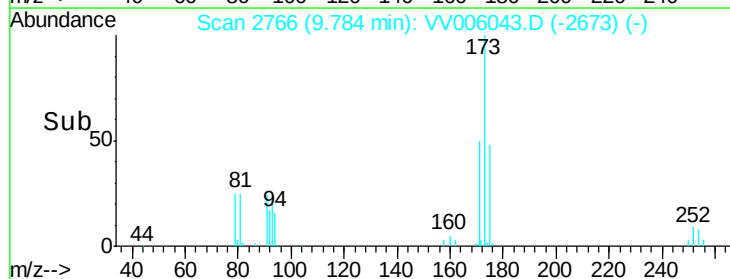
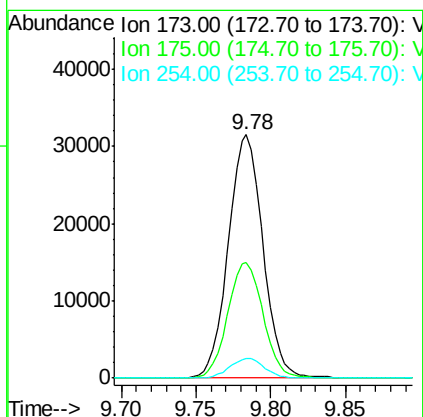
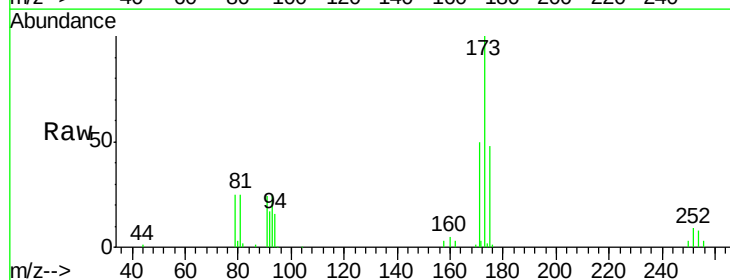
#59
 1,2,3-Trichloropropane
 Concen: 50.00 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

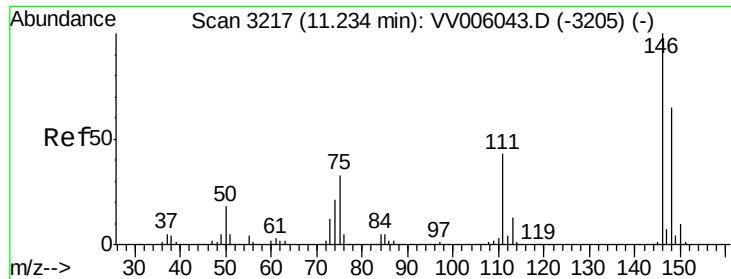
Tgt Ion: 75 Resp: 96358
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#61
 Bromoform
 Concen: 50.00 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

Tgt Ion: 173 Resp: 50904
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 7.9 6.3 9.5





#62

1,3-Dichlorobenzene

Concen: 50.00 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

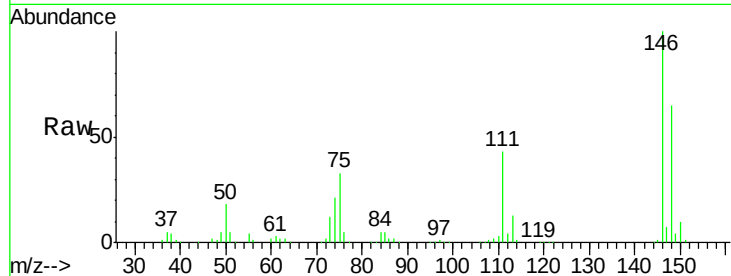
Tgt Ion:146 Resp: 138626

Ion Ratio Lower Upper

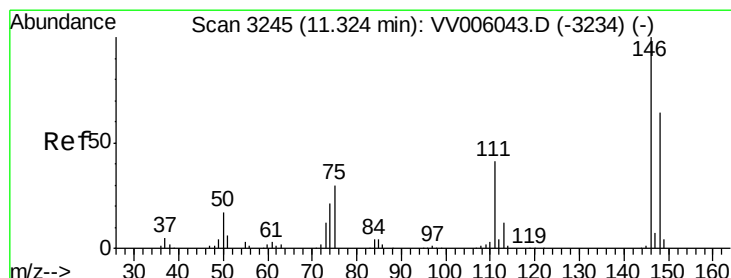
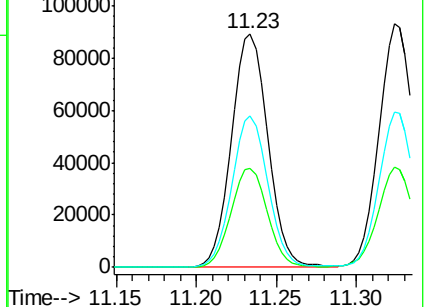
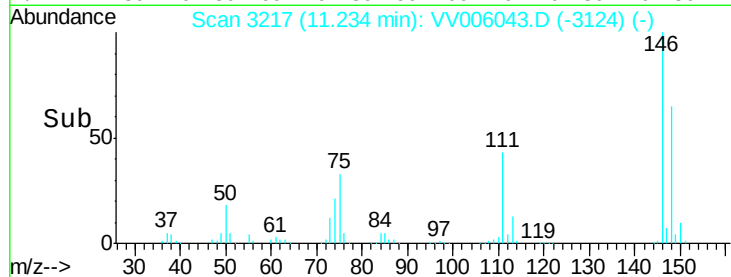
146 100

111 42.5 29.8 55.3

148 64.9 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: 50.00 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006043.D

Acq: 25 May 2018 21:30

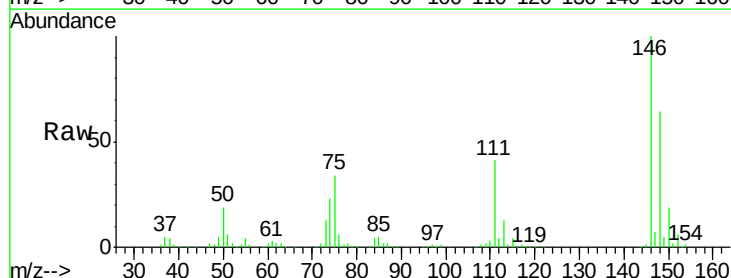
Tgt Ion:146 Resp: 144419

Ion Ratio Lower Upper

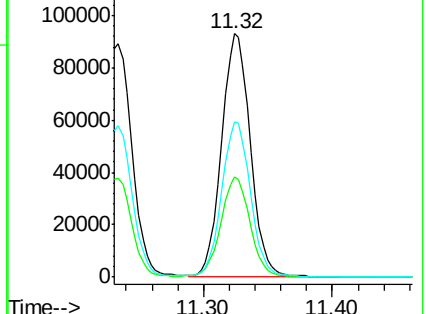
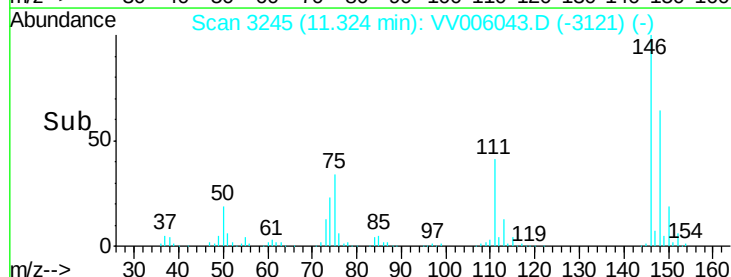
146 100

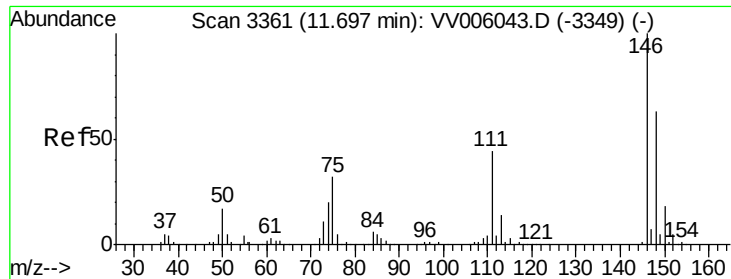
111 41.1 28.8 53.4

148 63.9 44.7 83.1



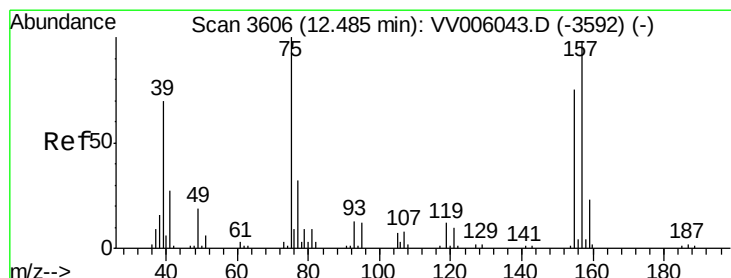
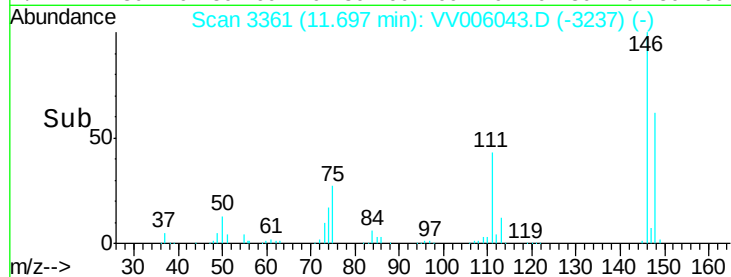
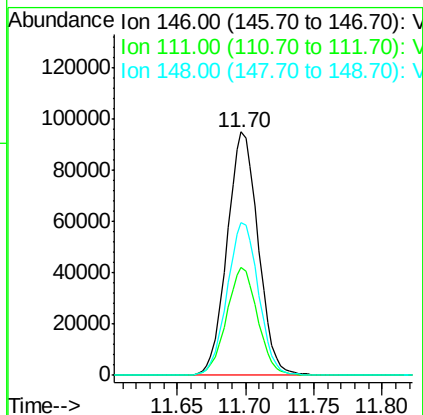
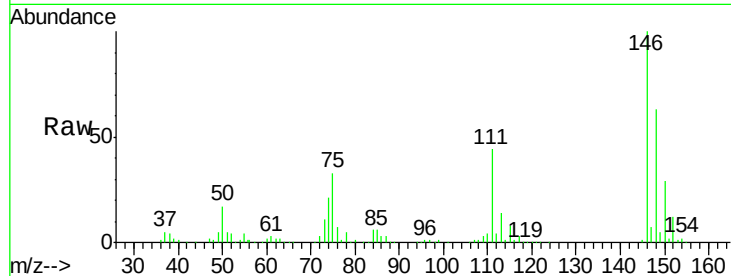
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





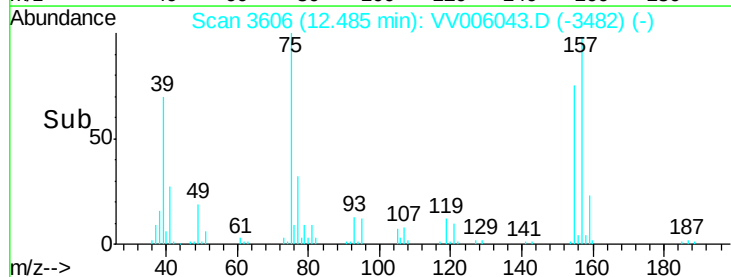
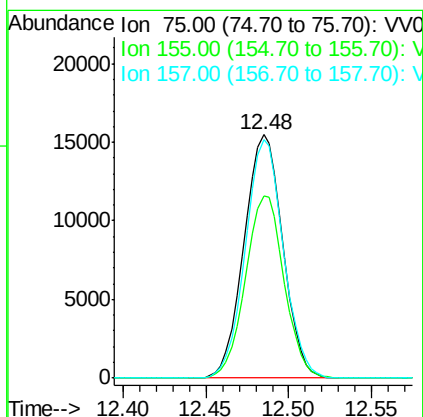
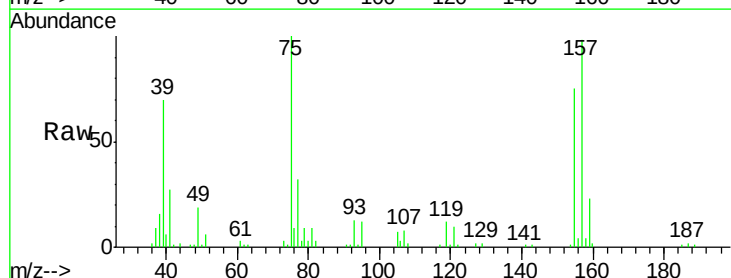
#65
 1,2-Dichlorobenzene
 Concen: 50.00 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

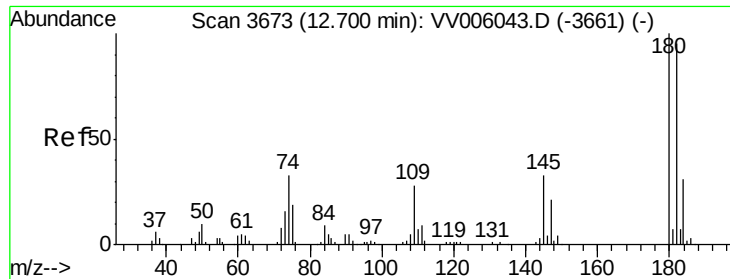
Tgt Ion: 146 Resp: 150826
 Ion Ratio Lower Upper
 146 100
 111 44.1 35.3 52.9
 148 62.6 50.1 75.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 50.00 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

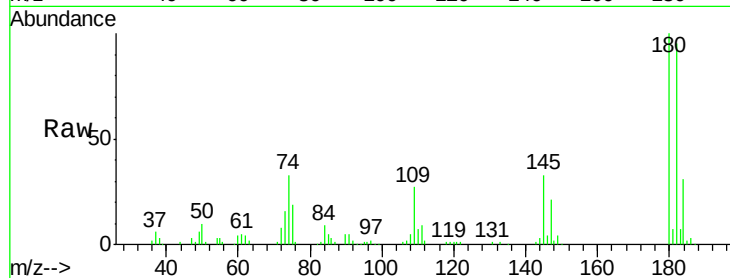
Tgt Ion: 75 Resp: 25056
 Ion Ratio Lower Upper
 75 100
 155 75.1 60.1 90.1
 157 98.0 78.4 117.6





#67
 1,3,5-Trichlorobenzene
 Concen: 50.00 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
184	30.4	24.3	36.5
145	32.2	25.8	38.6

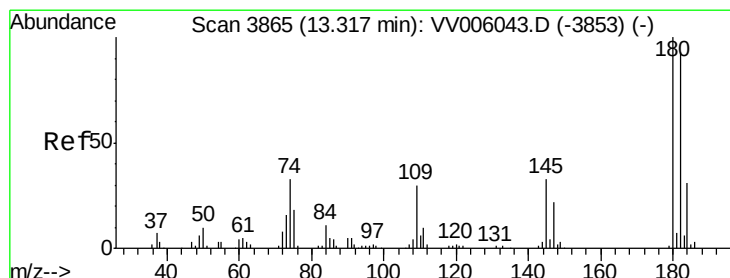
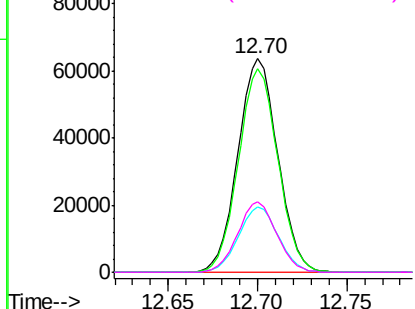
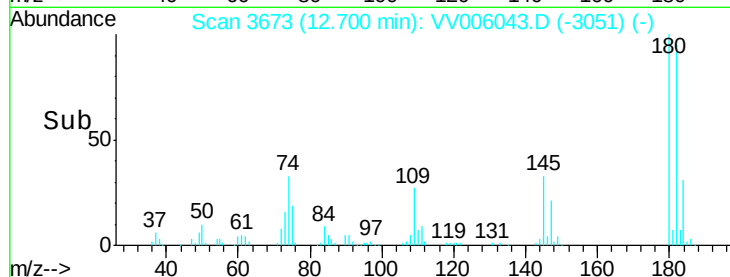


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

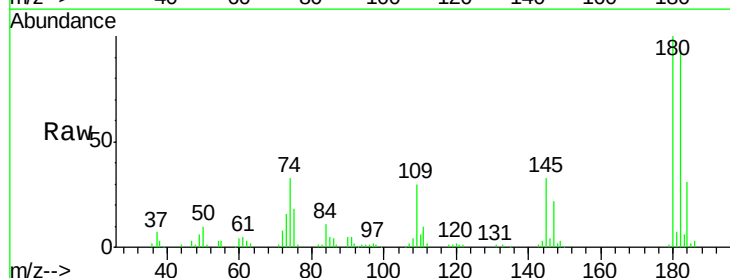
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.00 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006043.D
 Acq: 25 May 2018 21:30

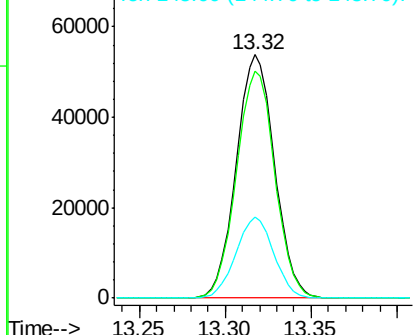
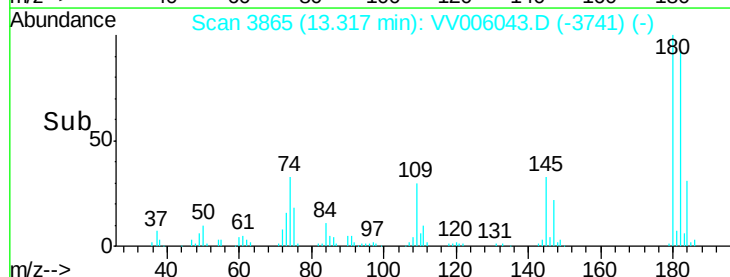
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.9	112.3
145	32.9	26.3	39.5

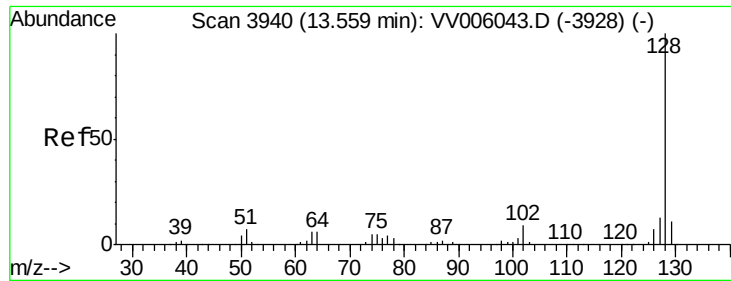


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

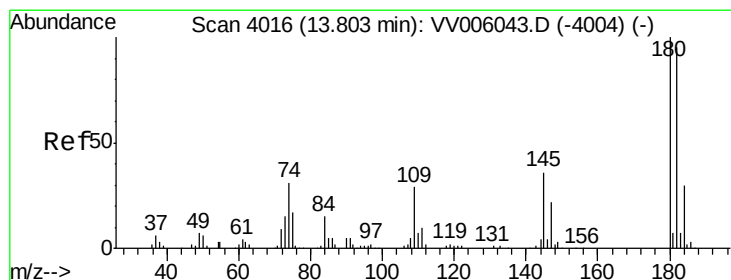
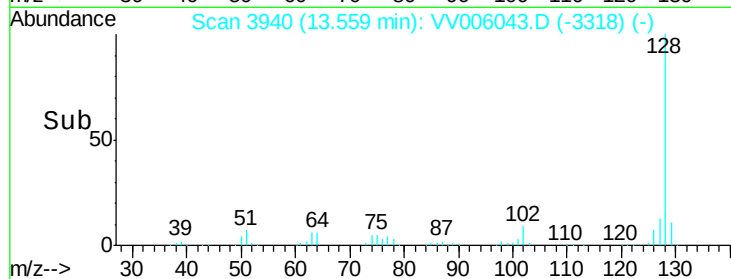
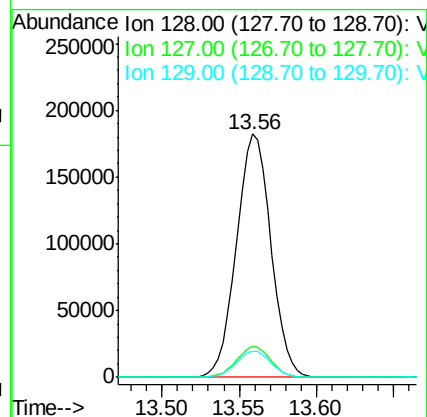
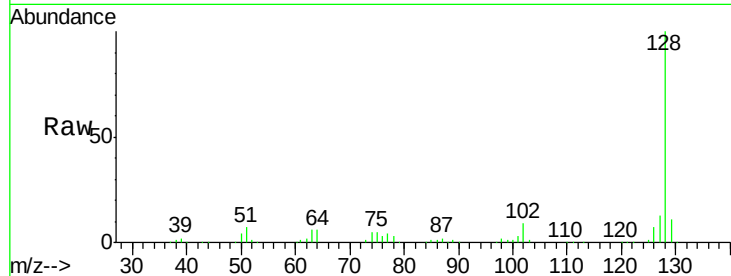
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 50.00 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion:128 Resp: 281437
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#70
1,2,3-Trichlorobenzene
Concen: 50.00 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006043.D
Acq: 25 May 2018 21:30

Tgt Ion:180 Resp: 91952
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 35.7 28.6 42.8

