

Data File : VV006045.D
Acq On : 25 May 2018 22:21
Operator : SY/MD
Sample : VSTD20065
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 26 00:57:16 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	193828	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	270005	197.63	ug/L	0.00
7) Chloroethane-d5	1.56	69	186631	192.18	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	492607	195.56	ug/L	0.00
21) 2-Butanone-d5	3.95	46	337385	434.49	ug/L	0.00
24) Chloroform-d	4.41	84	509762	196.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	328540	195.23	ug/L	0.00
32) Benzene-d6	5.10	84	990000	197.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	310410	199.67	ug/L	0.00
41) Toluene-d8	7.37	98	948331	201.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	161569	214.66	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	294341	463.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	445315	204.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	375205	195.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	319137	185.31	ug/L	100
3) Chloromethane	1.26	50	338663	192.04	ug/L	99
5) Vinyl chloride	1.32	62	313223	190.64	ug/L	100
6) Bromomethane	1.51	94	86835	116.77	ug/L	99
8) Chloroethane	1.58	64	168056	178.76	ug/L	99
9) Trichlorofluoromethane	1.76	101	417627	185.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	238649	187.44	ug/L	99
12) 1,1-Dichloroethene	2.14	96	223984	192.26	ug/L	92
13) Acetone	2.19	43	268146	352.42	ug/L	100
14) Carbon disulfide	2.31	76	678031	197.06	ug/L	99
15) Methyl Acetate	2.46	43	301505	188.27	ug/L	99
16) Methylene chloride	2.54	84	257842	185.67	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	237210	190.49	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	806633	190.03	ug/L	100
19) 1,1-Dichloroethane	3.23	63	491197	190.23	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	294803	194.96	ug/L	98
22) 2-Butanone	4.03	43	427221	376.72	ug/L	98
23) Bromochloromethane	4.30	128	143819	193.01	ug/L	99
25) Chloroform	4.43	83	516144	189.72	ug/L	99
27) 1,2-Dichloroethane	5.19	62	414252	188.32	ug/L	99
29) Cyclohexane	4.73	56	448988	197.36	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	457871	189.69	ug/L	99
31) Carbon tetrachloride	4.88	117	405073	191.49	ug/L	99
33) Benzene	5.15	78	1098482	187.50	ug/L	100
34) Trichloroethene	5.96	95	285791	195.08	ug/L	98
35) Methylcyclohexane	6.18	83	477618	202.61	ug/L	97
37) 1,2-Dichloropropane	6.23	63	294790	189.69	ug/L	99
38) Bromodichloromethane	6.56	83	393838	194.95	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	479380	204.46	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	831031	392.08	ug/L	99

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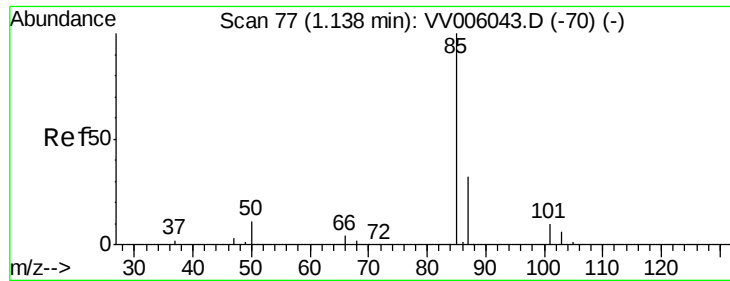
Quant Time: May 26 00:57:16 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1184315	192.00	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	454373	204.36	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	279346	190.64	ug/L	100
46) Tetrachloroethene	8.03	164	215140	197.53	ug/L	98
48) 2-Hexanone	8.19	43	658649	407.29	ug/L	97
49) Dibromochloromethane	8.30	129	321119	200.81	ug/L	99
50) 1,2-Dibromoethane	8.40	107	294714	194.51	ug/L	98
51) Chlorobenzene	8.93	112	777506	195.28	ug/L	100
52) Ethylbenzene	9.06	91	1361657	198.98	ug/L	99
53) m,p-Xylene	9.19	106	512994	201.00	ug/L	98
54) o-xylene	9.59	106	509433	198.31	ug/L	98
55) Styrene	9.61	104	891977	202.19	ug/L	100
56) Isopropylbenzene	9.98	105	1367774	201.02	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	475315	195.45	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	379791	191.14	ug/L	100
61) Bromoform	9.78	173	224945	195.00	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	613496	195.28	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	626095	191.30	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	630180	184.37	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	109307	192.50	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	454665	201.66	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	406650	215.32	ug/L	98
69) Naphthalene	13.56	128	1345638	210.98	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	419063	201.10	ug/L	100

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

ALS Vial : 6 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 185.31 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006045.D

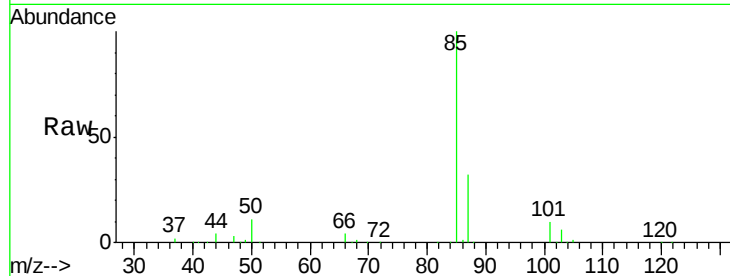
Acq: 25 May 2018 22:21

Tgt Ion: 85 Resp: 319137

Ion Ratio Lower Upper

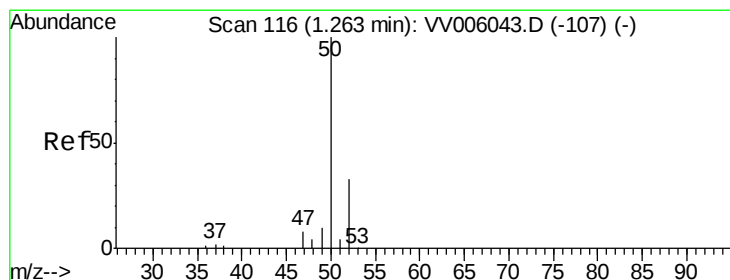
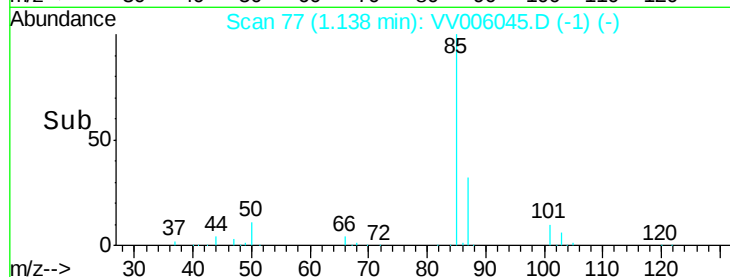
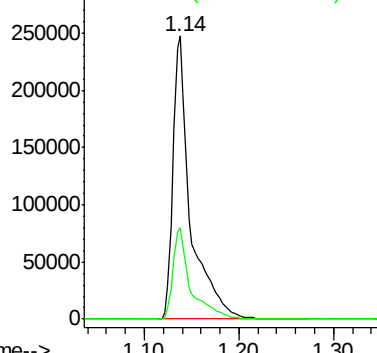
85 100

87 32.3 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: 192.04 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.01 min

Lab File: VV006045.D

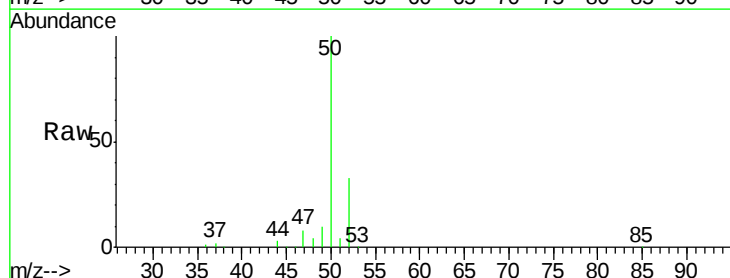
Acq: 25 May 2018 22:21

Tgt Ion: 50 Resp: 338663

Ion Ratio Lower Upper

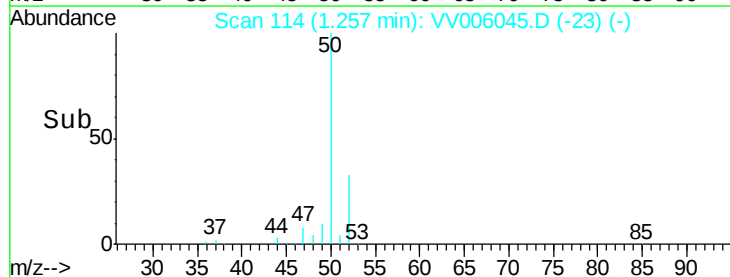
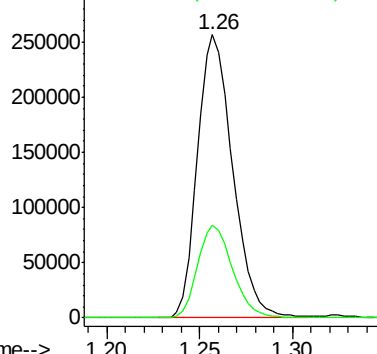
50 100

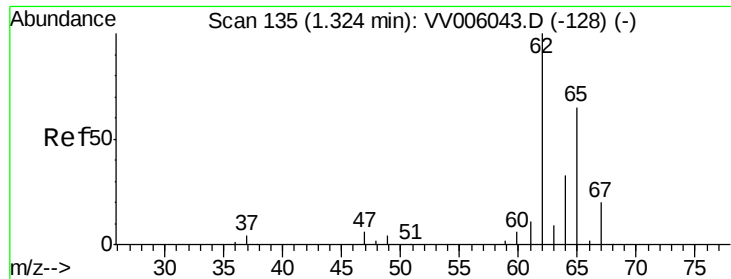
52 32.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 190.64 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006045.D

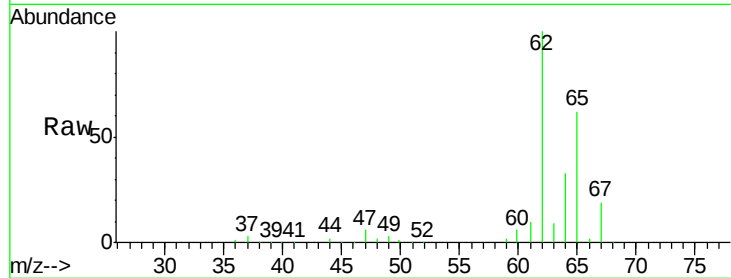
Acq: 25 May 2018 22:21

Tgt Ion: 62 Resp: 313223

Ion Ratio Lower Upper

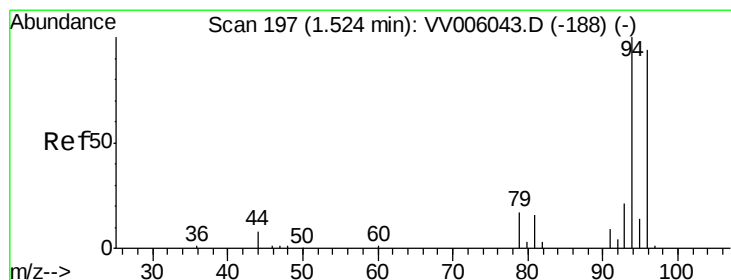
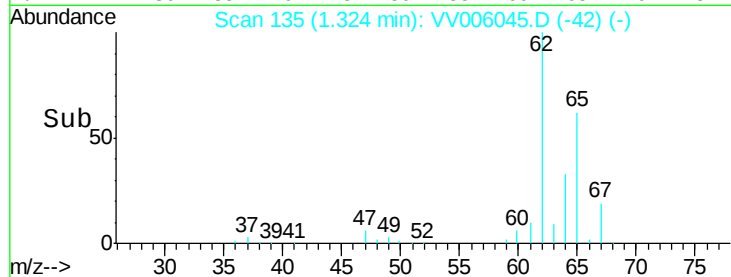
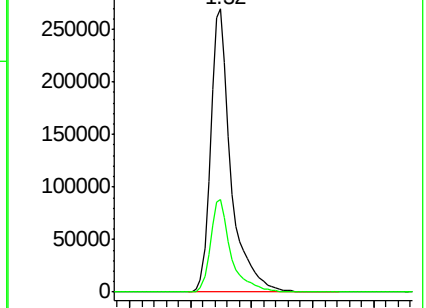
62 100

64 32.9 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 116.77 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.01 min

Lab File: VV006045.D

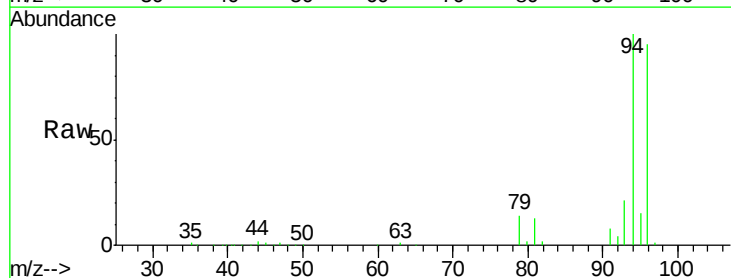
Acq: 25 May 2018 22:21

Tgt Ion: 94 Resp: 86835

Ion Ratio Lower Upper

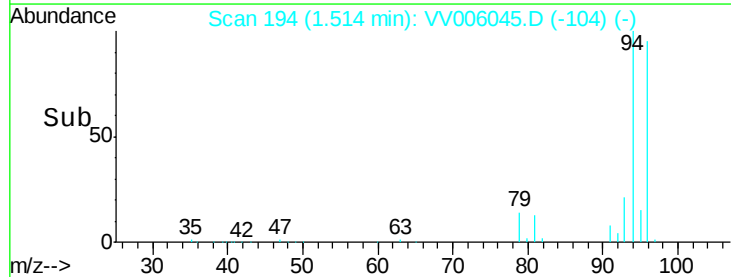
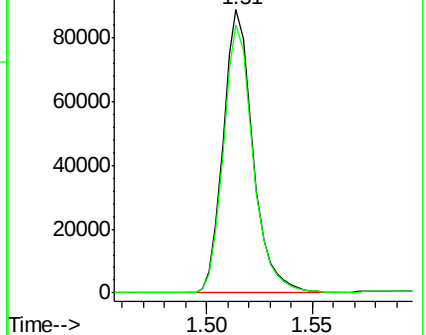
94 100

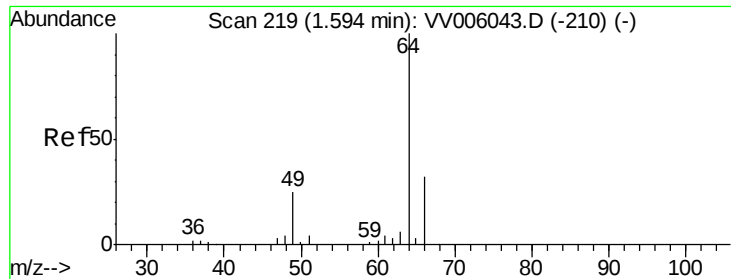
96 94.8 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 178.76 ug/L

RT: 1.58 min Scan# 215

Delta R.T. -0.01 min

Lab File: VV006045.D

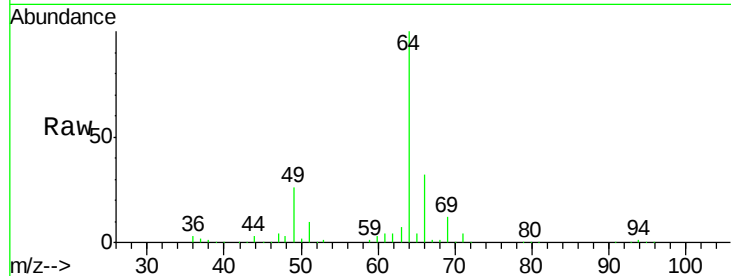
Acq: 25 May 2018 22:21

Tgt Ion: 64 Resp: 168056

Ion Ratio Lower Upper

64 100

66 31.8 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) (-)

150000

100000

50000

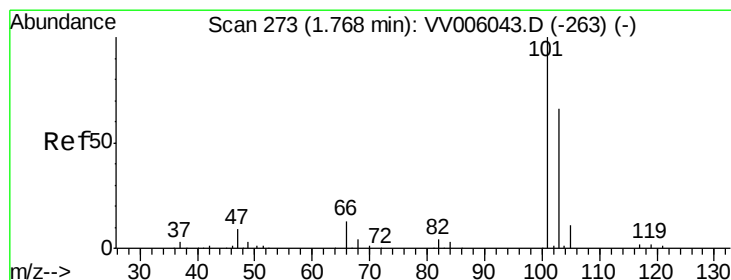
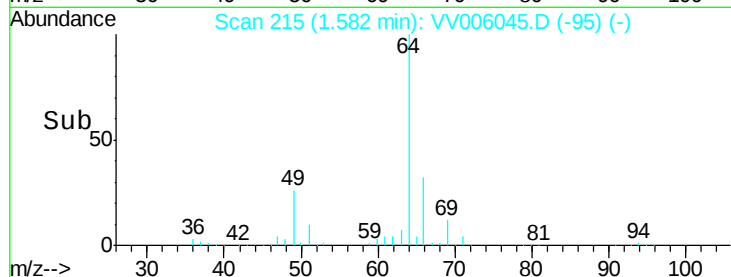
0

1.55

1.60

1.65

Time-->



#9

Trichlorofluoromethane

Concen: 185.71 ug/L

RT: 1.76 min Scan# 271

Delta R.T. -0.01 min

Lab File: VV006045.D

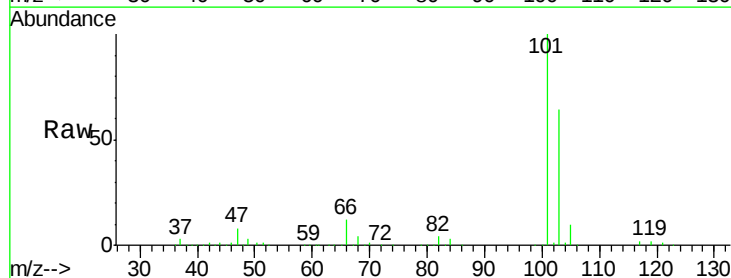
Acq: 25 May 2018 22:21

Tgt Ion: 101 Resp: 417627

Ion Ratio Lower Upper

101 100

103 65.0 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) (-)

300000

200000

100000

0

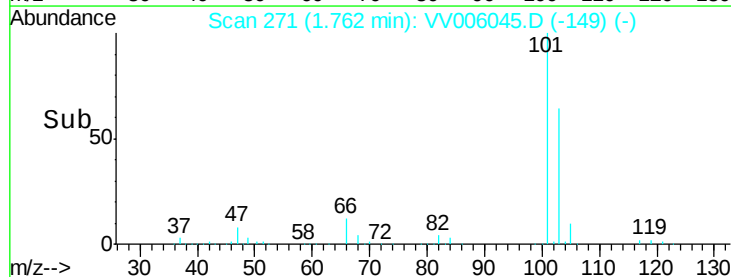
1.70

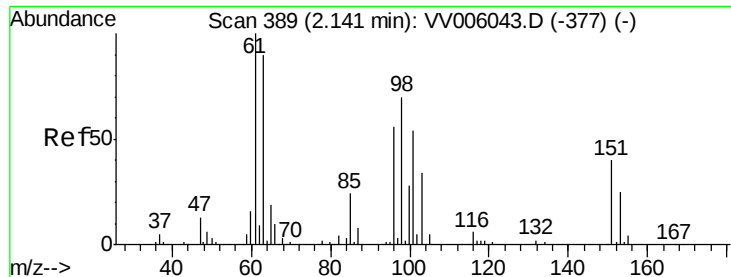
1.75

1.80

1.85

Time-->





#10

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

Concen: 187.44 ug/L

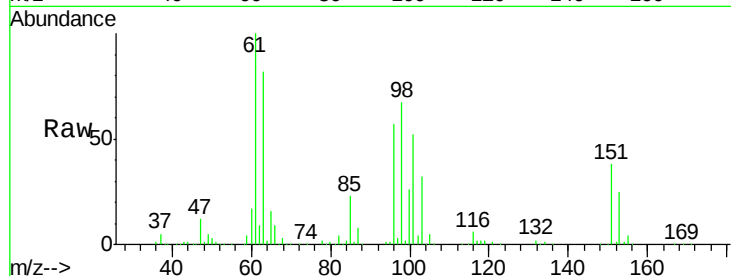
RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

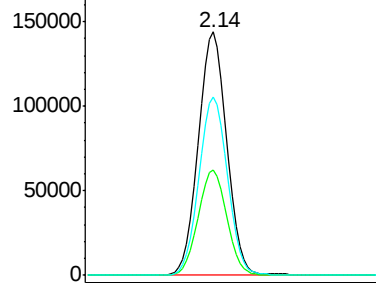
Tgt Ion:	101	Resp:	238649
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	73.9	58.8	88.2



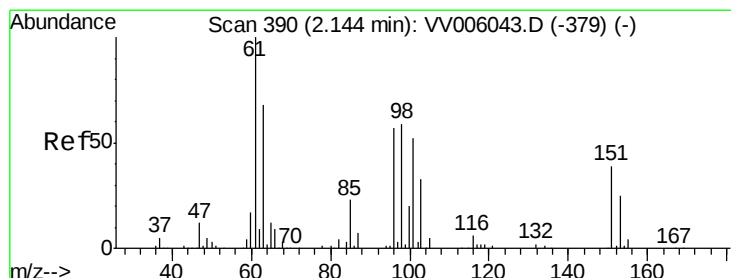
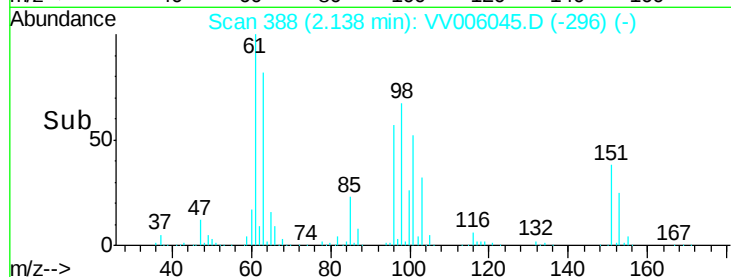
Abundance Ion 101.00 (100.70 to 101.70): VV006043.D (-377) (-)

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

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



Time-->



#12

1,1-Dichloroethene

Concen: 192.26 ug/L

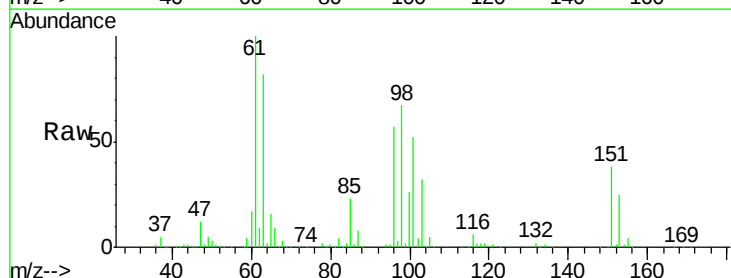
RT: 2.14 min Scan# 388

Delta R.T. -0.01 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

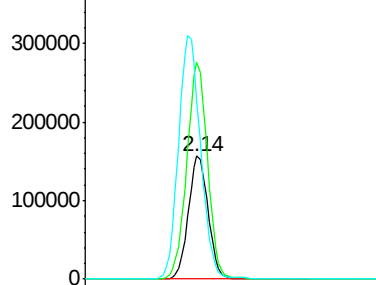
Tgt Ion:	96	Resp:	223984
Ion	Ratio	Lower	Upper
96	100		
61	176.7	122.5	227.5
63	145.1	86.9	161.5



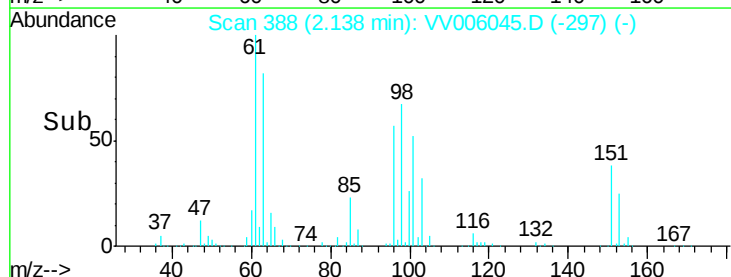
Abundance Ion 96.00 (95.70 to 96.70): VV006045.D (-297) (-)

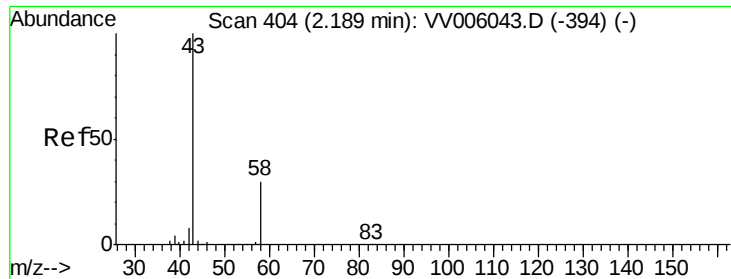
Ion 61.00 (60.70 to 61.70): VV006045.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006045.D (-297) (-)



Time-->





#13

Acetone

Concen: 352.42 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006045.D

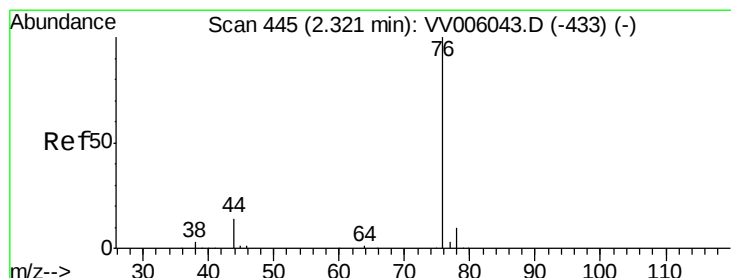
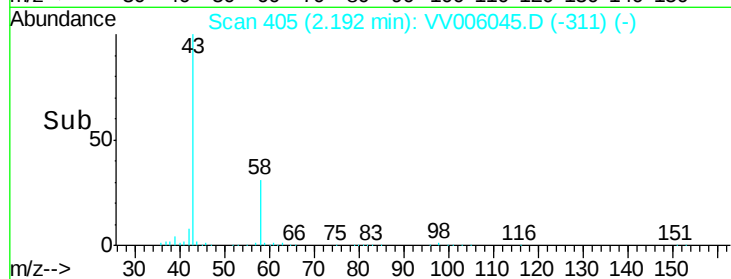
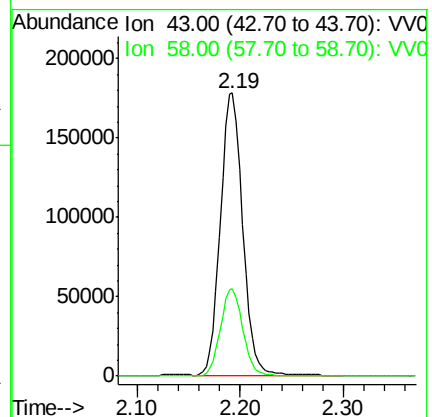
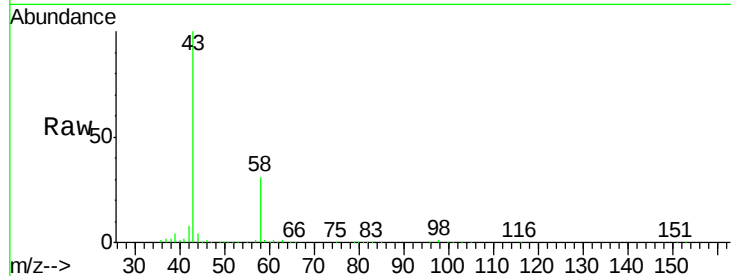
Acq: 25 May 2018 22:21

Tgt Ion: 43 Resp: 268146

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.6



#14

Carbon disulfide

Concen: 197.06 ug/L

RT: 2.31 min Scan# 443

Delta R.T. -0.01 min

Lab File: VV006045.D

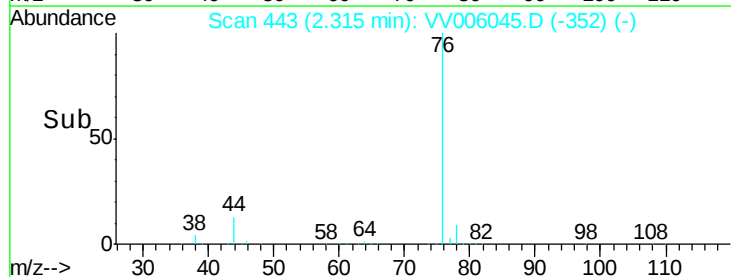
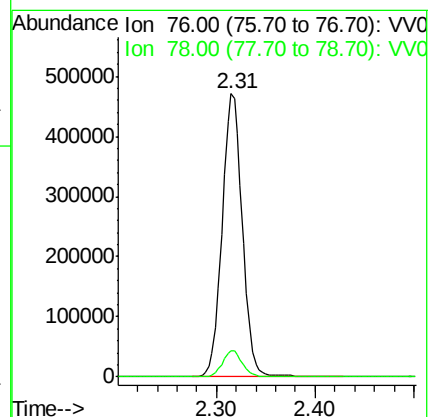
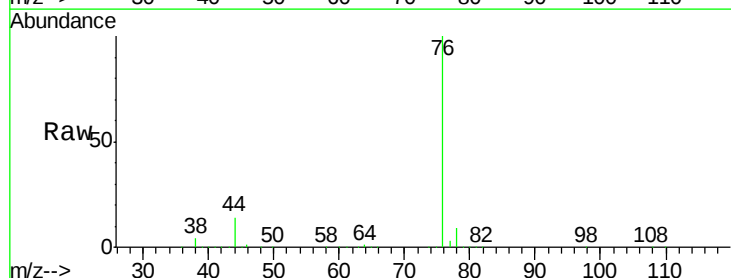
Acq: 25 May 2018 22:21

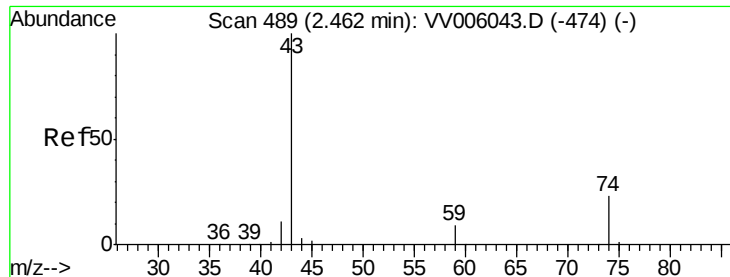
Tgt Ion: 76 Resp: 678031

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4





#15

Methyl Acetate

Concen: 188.27 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006045.D

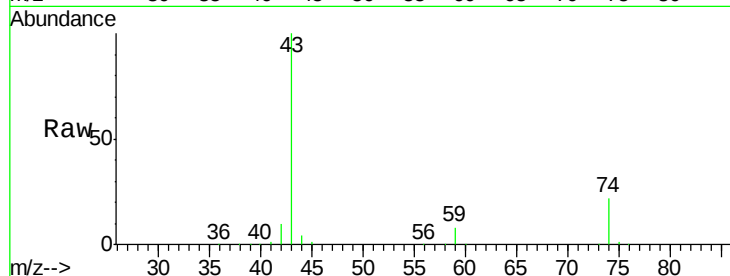
Acq: 25 May 2018 22:21

Tgt Ion: 43 Resp: 301505

Ion Ratio Lower Upper

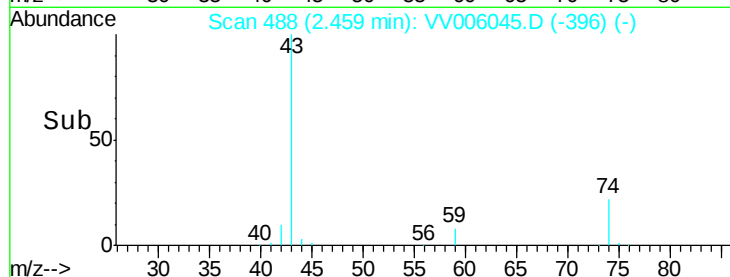
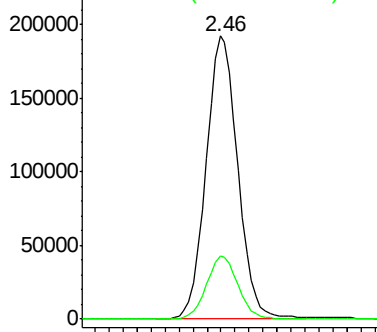
43 100

74 22.3 18.2 27.2

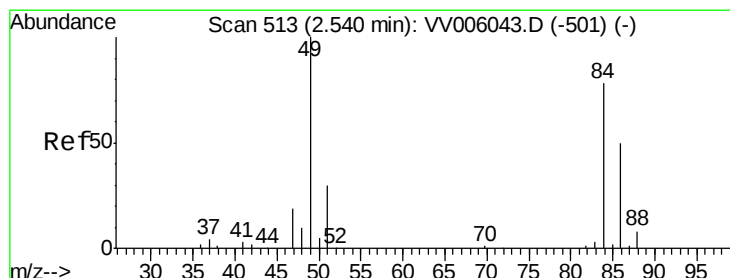


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



Time-->



#16

Methylene chloride

Concen: 185.67 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

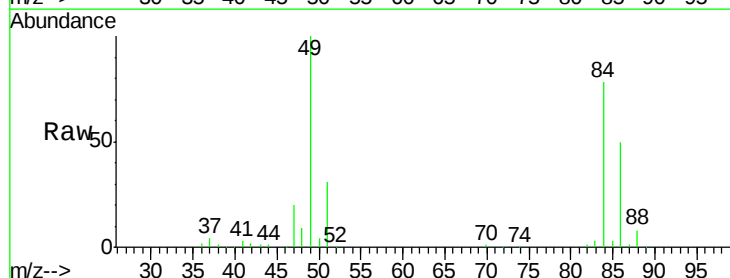
Tgt Ion: 84 Resp: 257842

Ion Ratio Lower Upper

84 100

86 64.6 45.1 83.7

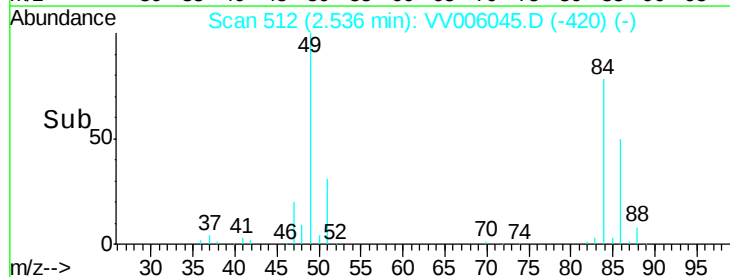
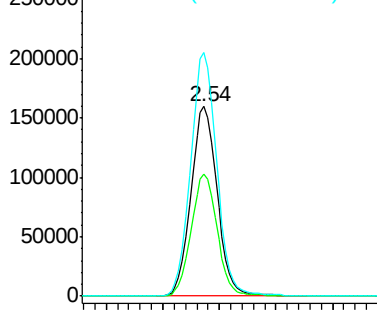
49 128.5 90.2 167.6



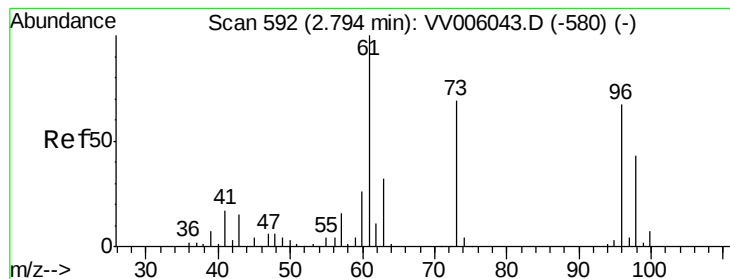
Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



Time-->



#17

trans-1,2-Dichloroethene

Concen: 190.49 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

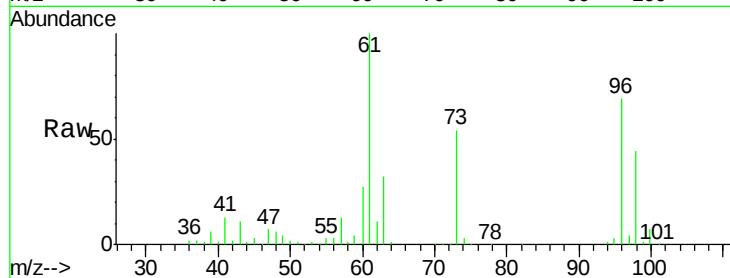
Tgt Ion: 96 Resp: 237210

Ion Ratio Lower Upper

96 100

61 144.7 104.9 194.7

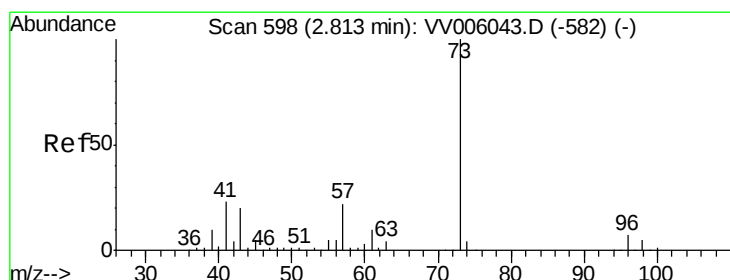
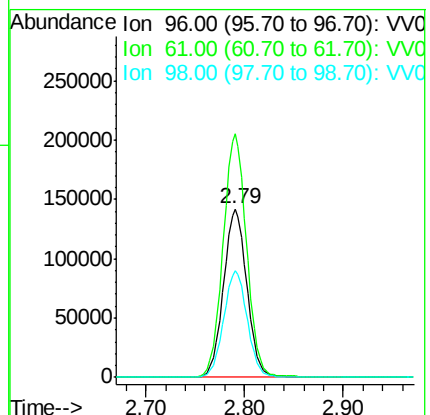
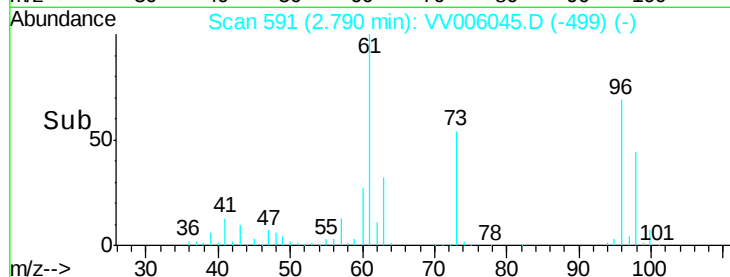
98 63.4 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-580) (-)

Ion 61.00 (60.70 to 61.70): VV006043.D (-580) (-)

Ion 98.00 (97.70 to 98.70): VV006043.D (-580) (-)



#18

Methyl tert-butyl Ether

Concen: 190.03 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

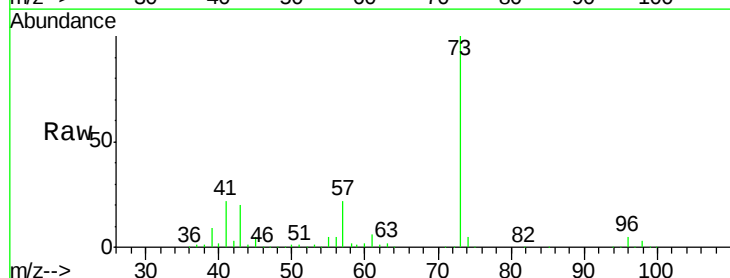
Tgt Ion: 73 Resp: 806633

Ion Ratio Lower Upper

73 100

43 20.0 16.2 24.2

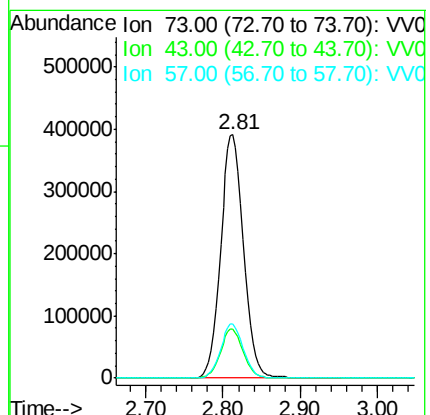
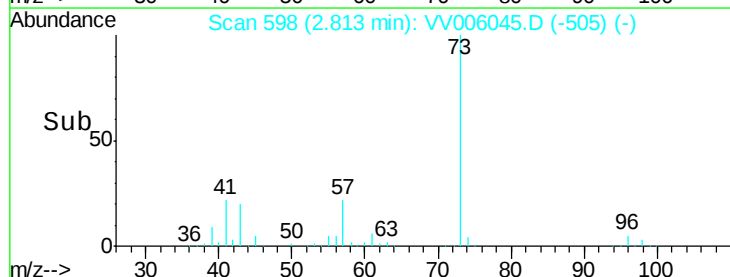
57 22.1 17.8 26.8

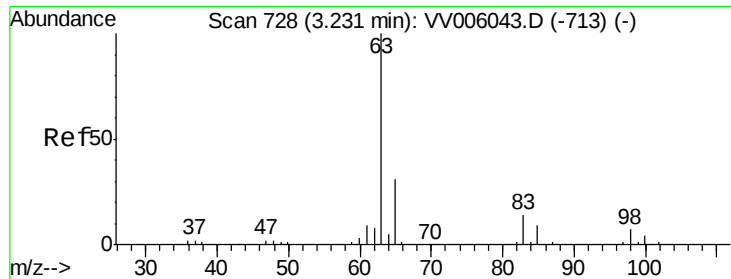


Abundance Ion 73.00 (72.70 to 73.70): VV006043.D (-582) (-)

Ion 43.00 (42.70 to 43.70): VV006043.D (-582) (-)

Ion 57.00 (56.70 to 57.70): VV006043.D (-582) (-)





#19

1,1-Dichloroethane

Concen: 190.23 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

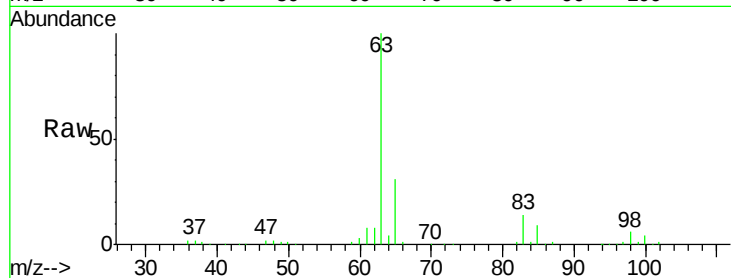
Tgt Ion: 63 Resp: 491197

Ion Ratio Lower Upper

63 100

65 31.5 21.9 40.7

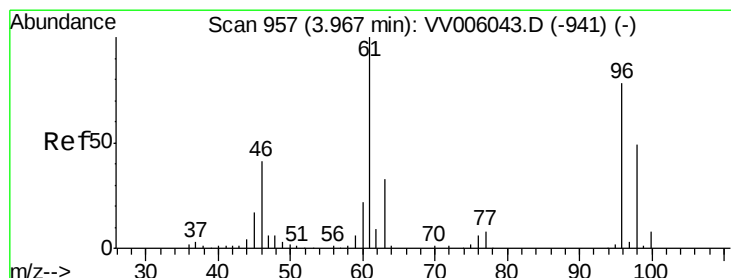
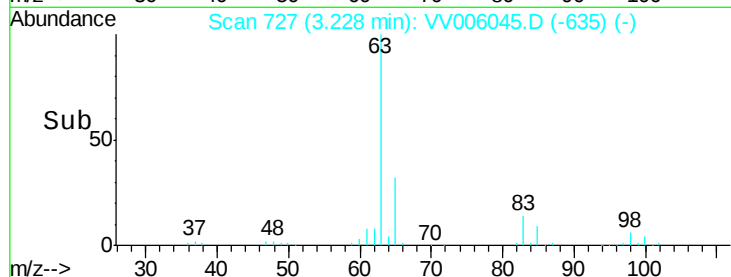
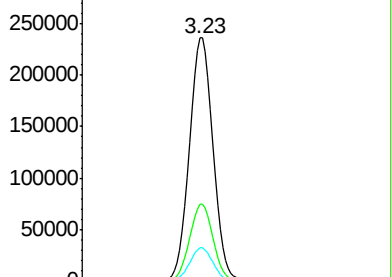
83 13.7 9.9 18.5



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: 194.96 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

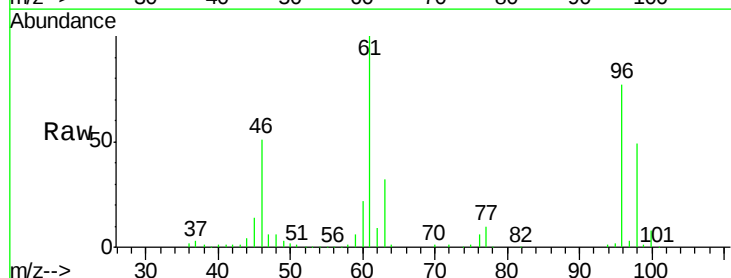
Tgt Ion: 96 Resp: 294803

Ion Ratio Lower Upper

96 100

61 130.5 89.9 167.0

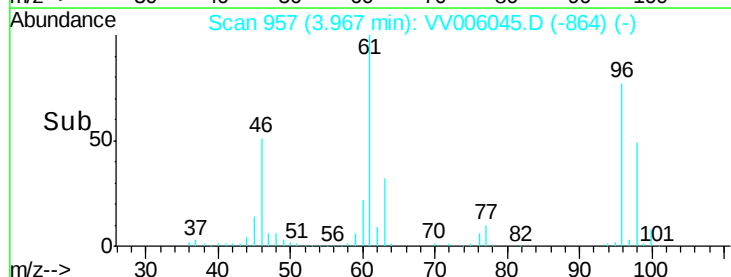
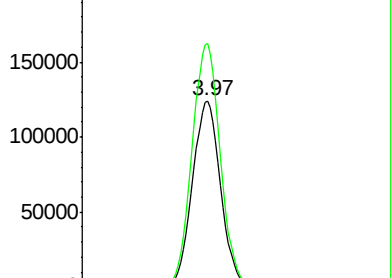
68 0.0 0.0 0.0

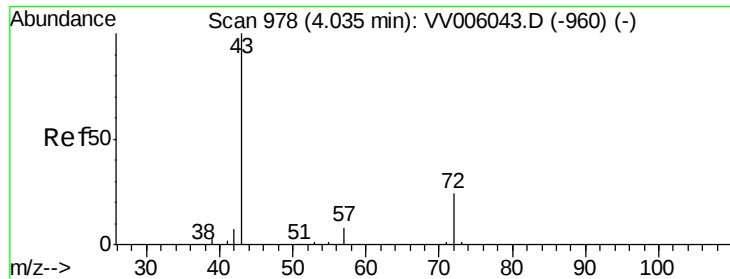


Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-941) (-)

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: 376.72 ug/L

RT: 4.03 min Scan# 978

Delta R.T. 0.00 min

Lab File: VV006045.D

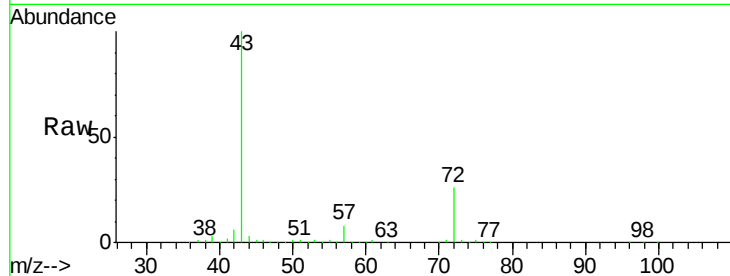
Acq: 25 May 2018 22:21

Tgt Ion: 43 Resp: 427221

Ion Ratio Lower Upper

43 100

72 25.7 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV006045.D (-885) (-)

Ion 72.00 (71.70 to 72.70): VV006045.D (-885) (-)

200000

150000

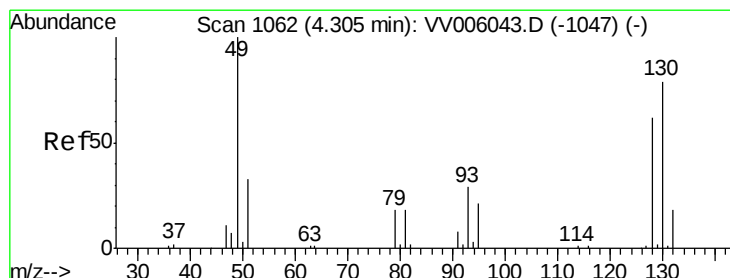
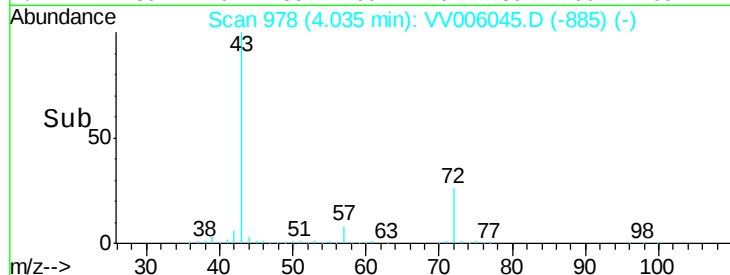
100000

50000

0

4.00 4.10

Time-->



#23

Bromochloromethane

Concen: 193.01 ug/L

RT: 4.30 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

Tgt Ion: 128 Resp: 143819

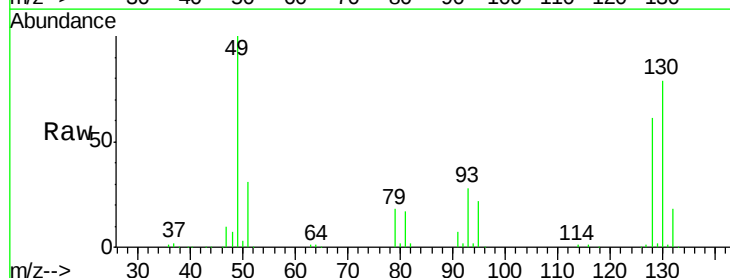
Ion Ratio Lower Upper

128 100

49 162.6 114.0 211.8

130 129.1 90.0 167.2

51 50.2 42.1 63.1



Abundance Ion 128.00 (127.70 to 128.70): VV006045.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006045.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006045.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VV006045.D (-969) (-)

150000

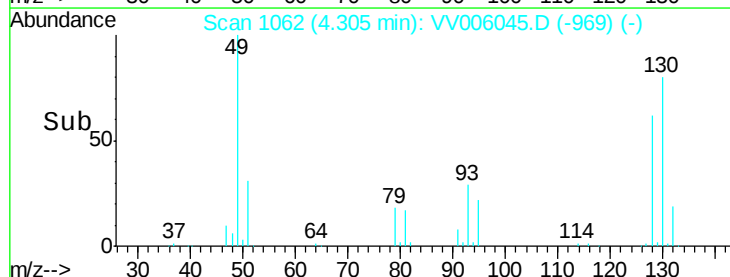
100000

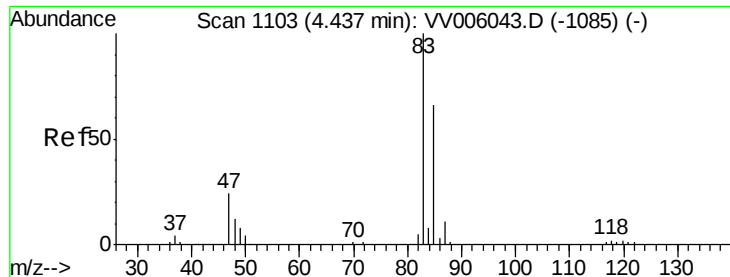
50000

0

4.20 4.30 4.40

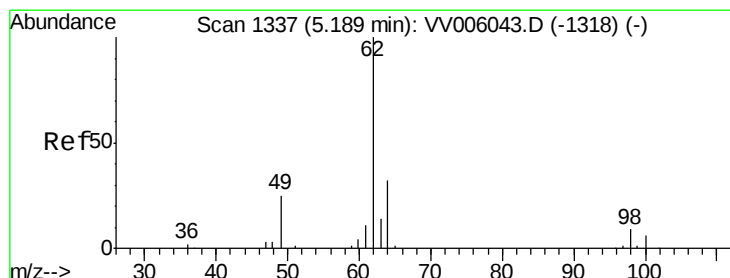
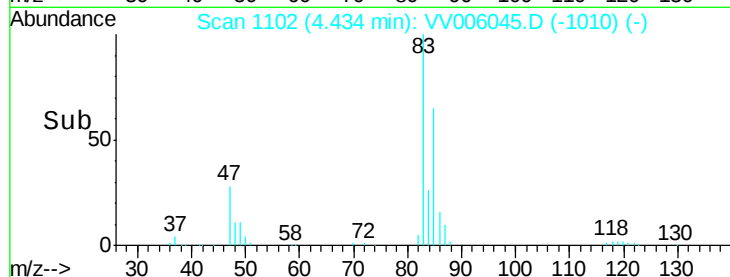
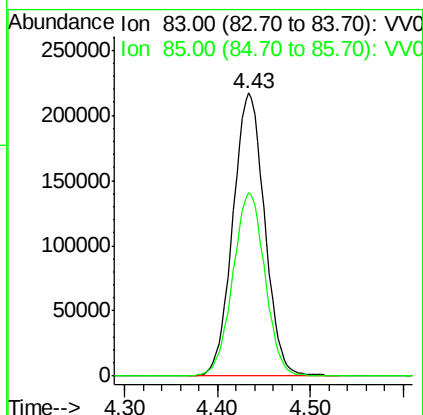
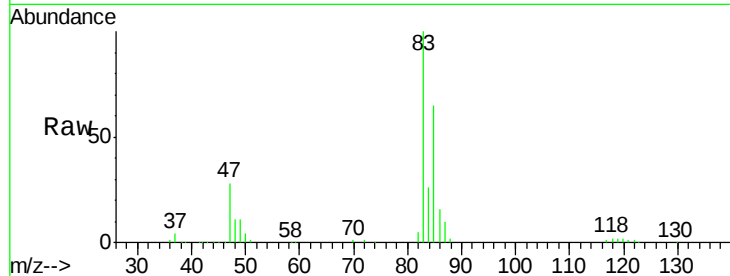
Time-->





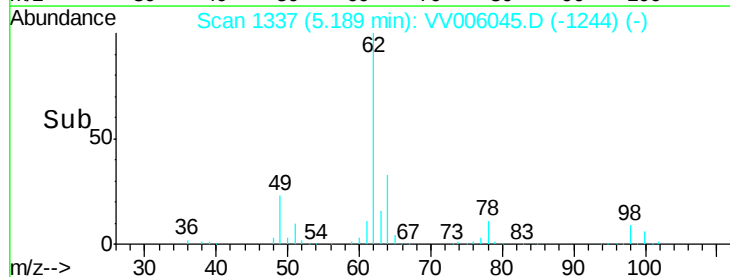
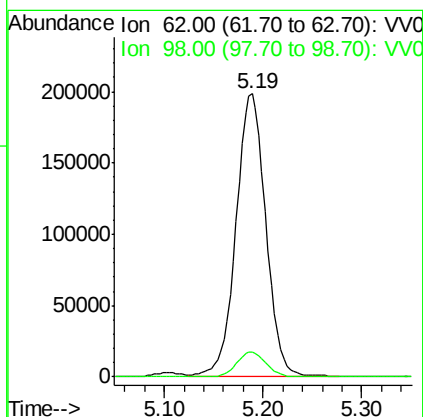
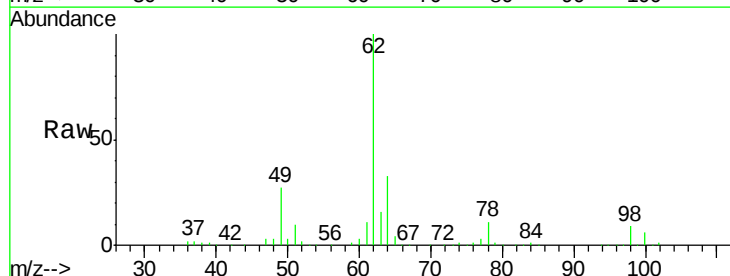
#25
Chloroform
Concen: 189.72 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

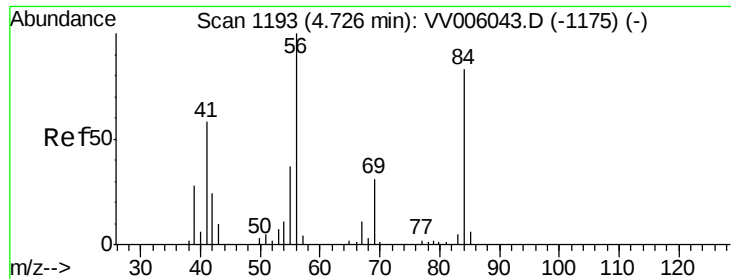
Tgt Ion: 83 Resp: 516144
Ion Ratio Lower Upper
83 100
85 65.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 188.32 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

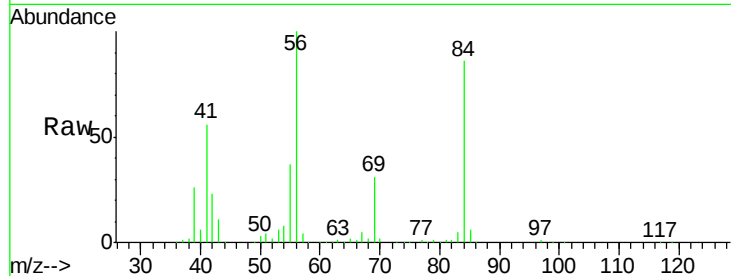
Tgt Ion: 62 Resp: 414252
Ion Ratio Lower Upper
62 100
98 8.9 7.3 10.9



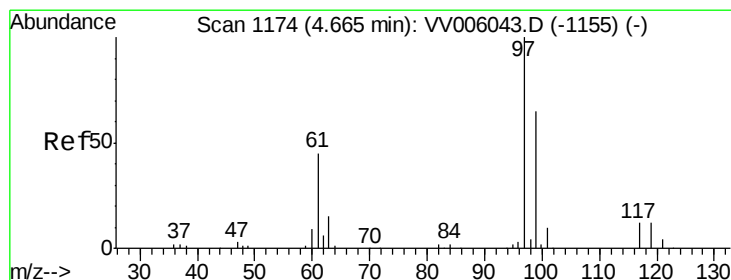
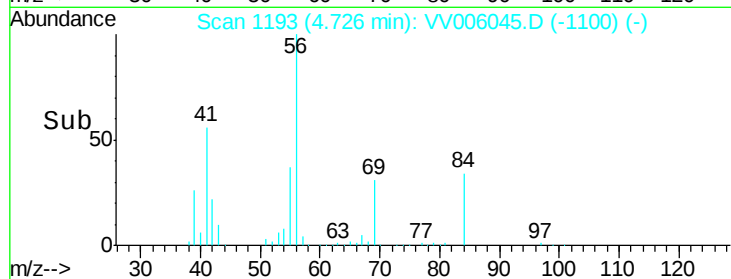
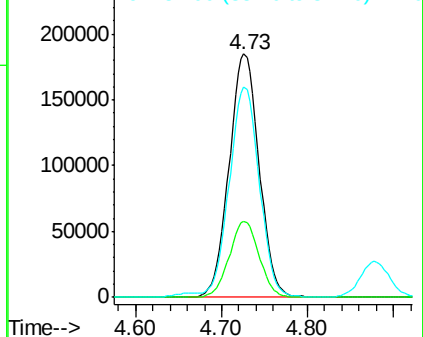


#29
Cyclohexane
Concen: 197.36 ug/L
RT: 4.73 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

Tgt Ion: 56 Resp: 448988
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 86.4 70.3 105.5

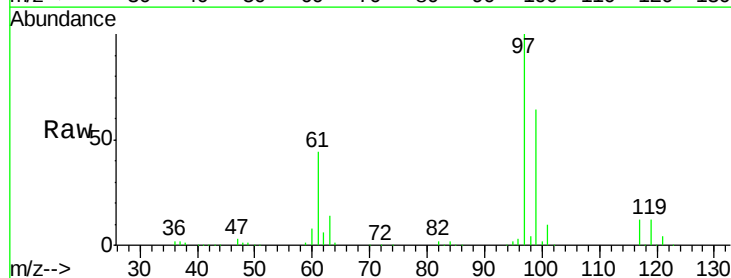


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

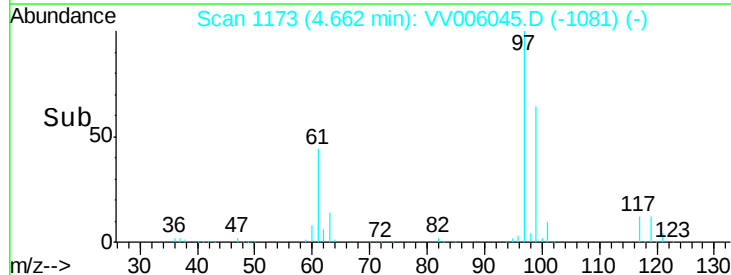
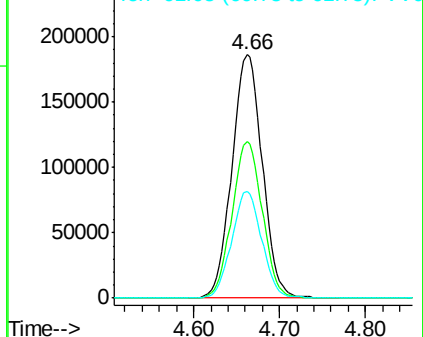


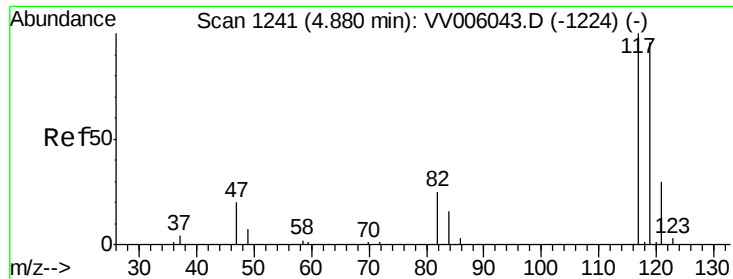
#30
1,1,1-Trichloroethane
Concen: 189.69 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

Tgt Ion: 97 Resp: 457871
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 43.5 36.0 54.0



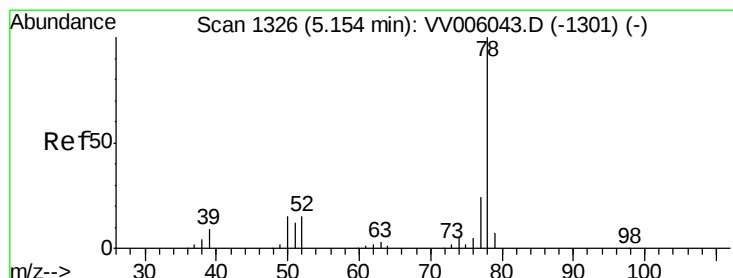
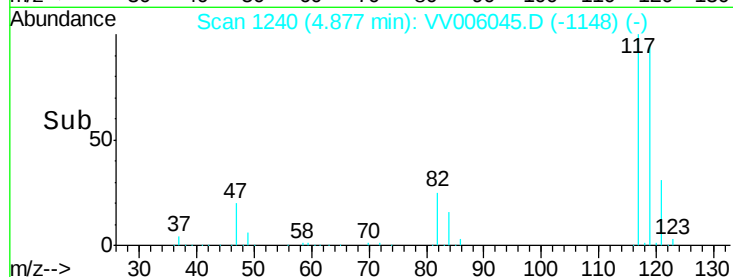
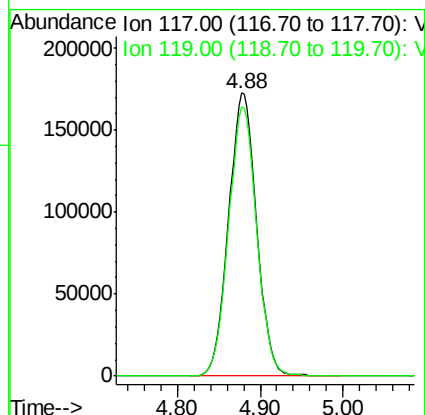
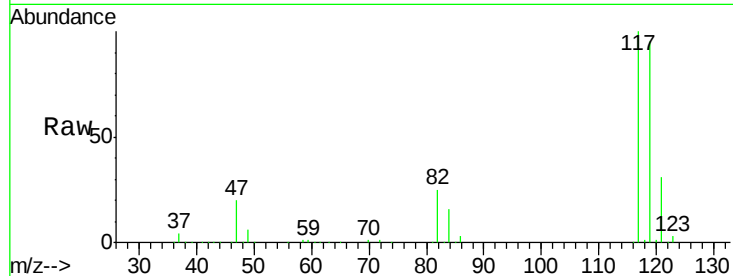
Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





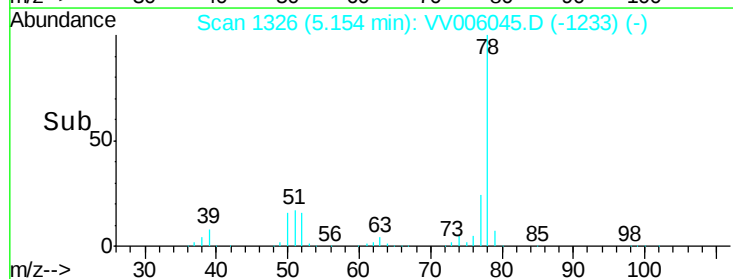
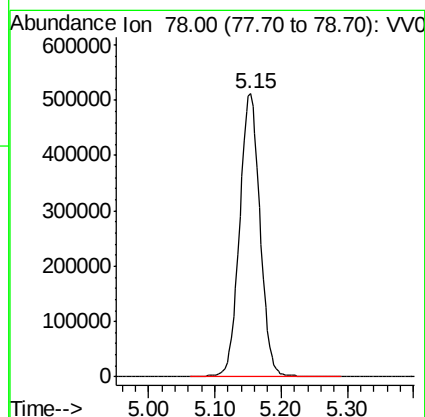
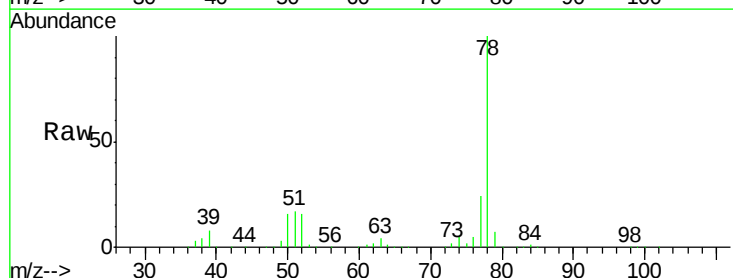
#31
Carbon tetrachloride
Concen: 191.49 ug/L
RT: 4.88 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

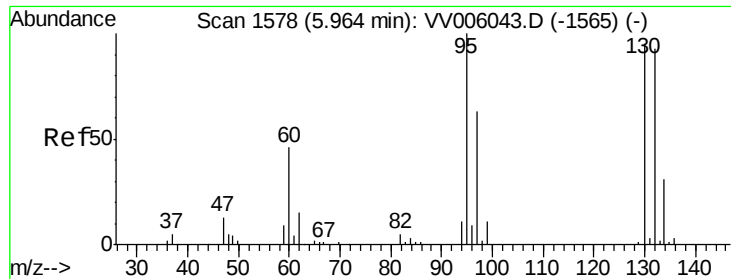
Tgt Ion: 117 Resp: 405073
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6



#33
Benzene
Concen: 187.50 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

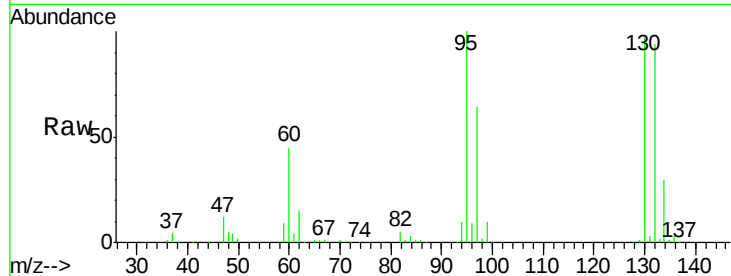
Tgt Ion: 78 Resp: 1098482



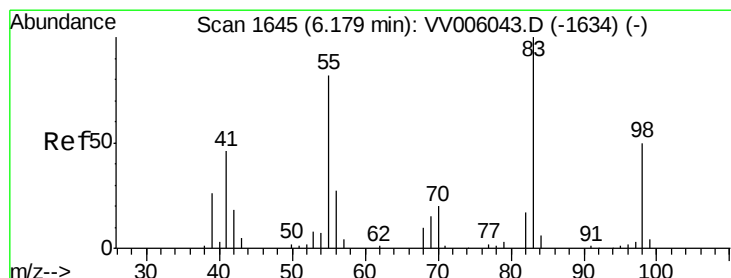
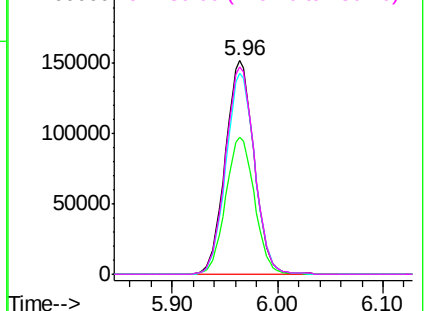
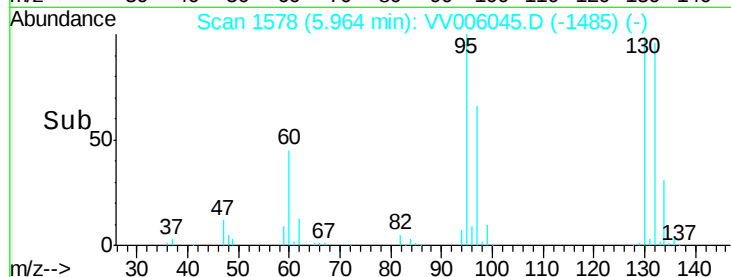


#34
 Trichloroethene
 Concen: 195.08 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

Tgt Ion:	95	Resp:	285791
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.0	81.6
132	93.9	65.0	120.6
130	97.2	66.6	123.8

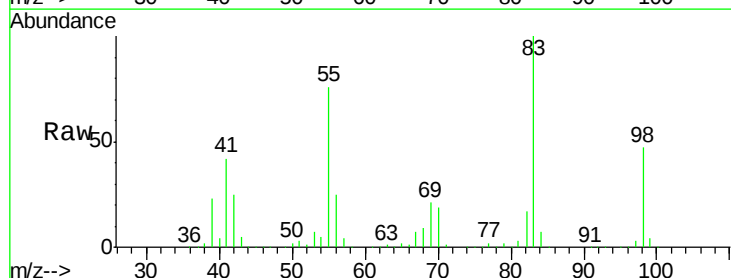


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

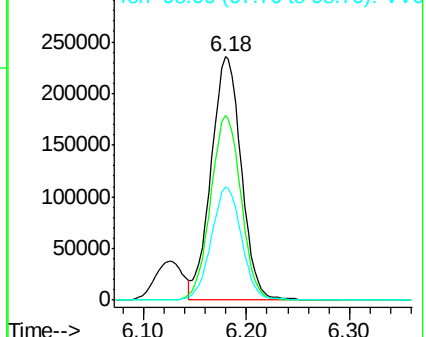
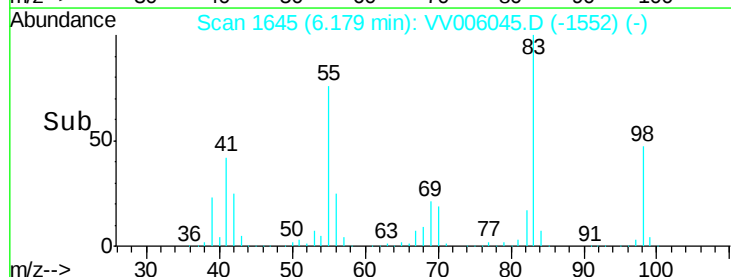


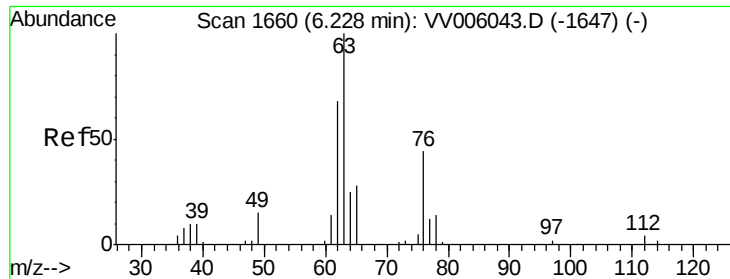
#35
 Methylcyclohexane
 Concen: 202.61 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

Tgt Ion:	83	Resp:	477618
Ion	Ratio	Lower	Upper
83	100		
55	76.0	63.1	94.7
98	46.6	37.8	56.8



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 189.69 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VV006045.D

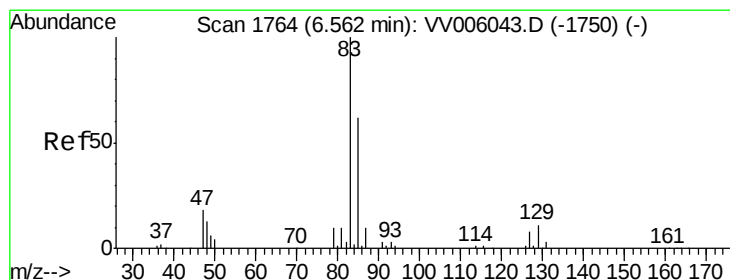
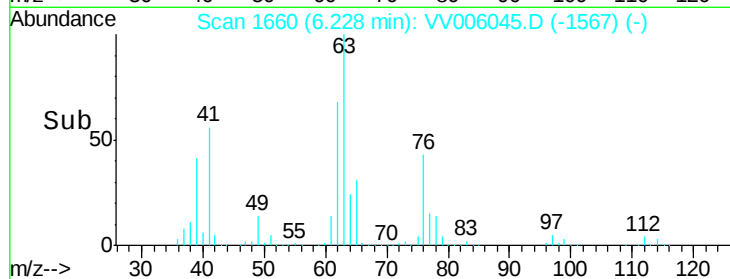
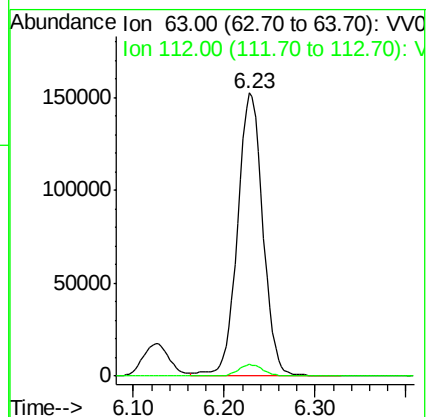
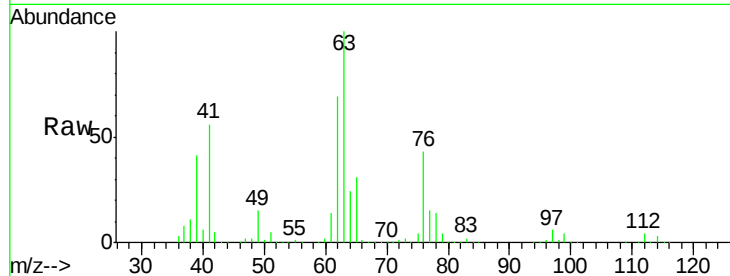
Acq: 25 May 2018 22:21

Tgt Ion: 63 Resp: 294790

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 194.95 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

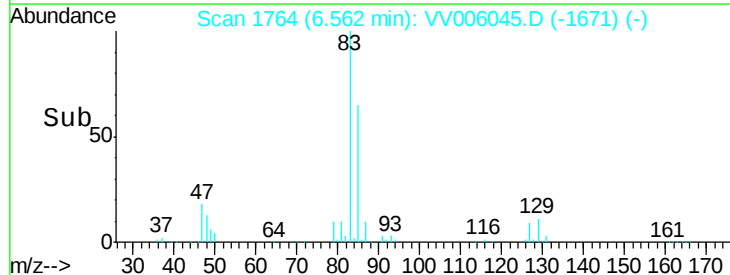
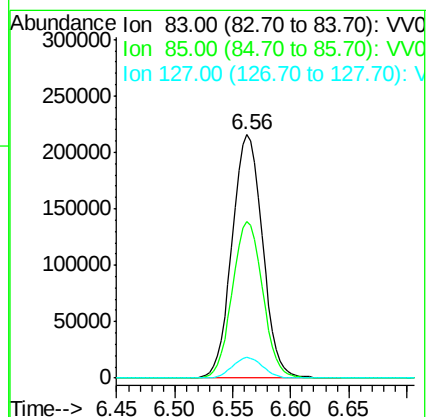
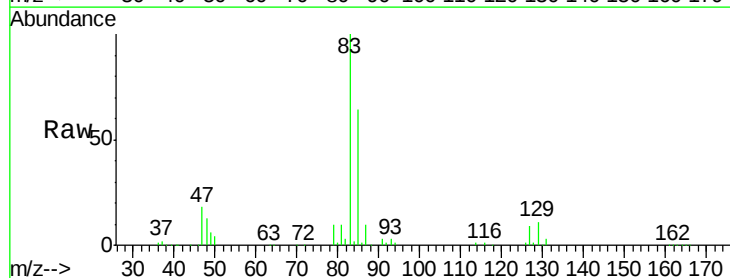
Tgt Ion: 83 Resp: 393838

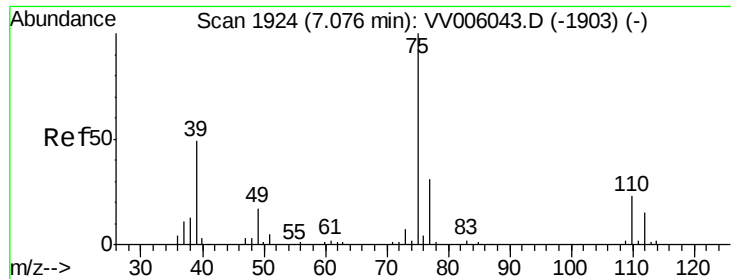
Ion Ratio Lower Upper

83 100

85 64.5 43.7 81.1

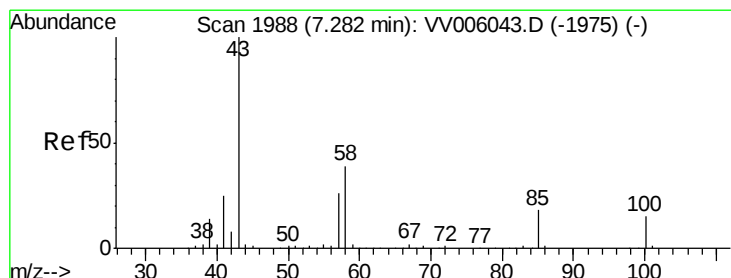
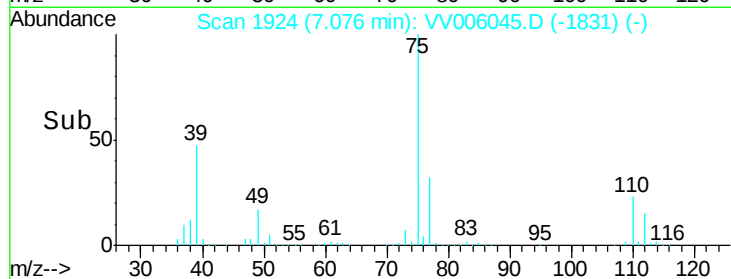
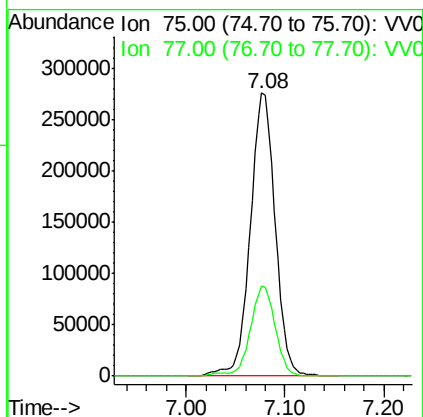
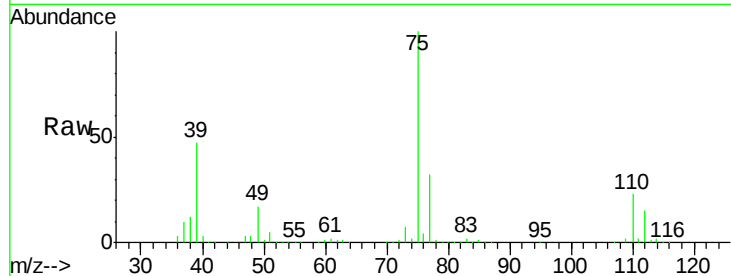
127 8.5 6.6 10.0





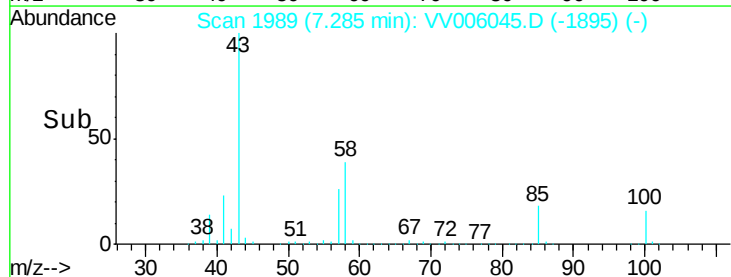
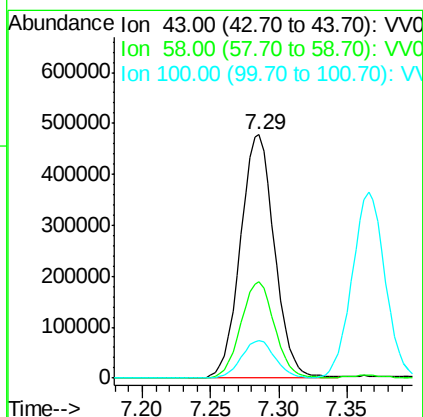
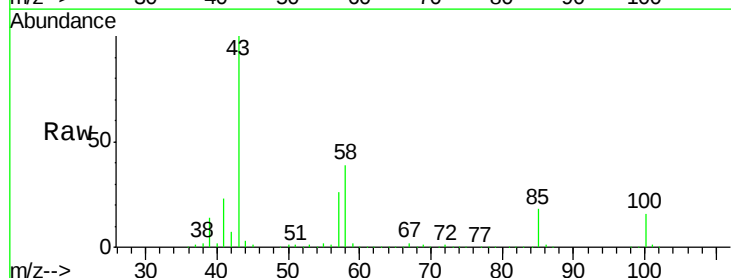
#39
 cis-1,3-Dichloropropene
 Concen: 204.46 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

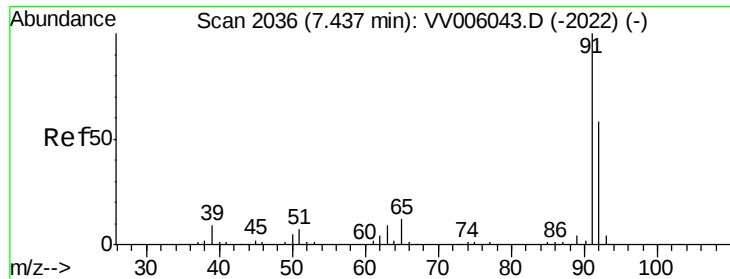
Tgt Ion: 75 Resp: 479380
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 392.08 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

Tgt Ion: 43 Resp: 831031
 Ion Ratio Lower Upper
 43 100
 58 39.2 30.7 46.1
 100 15.3 12.1 18.1





#42

Toluene

Concen: 192.00 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006045.D

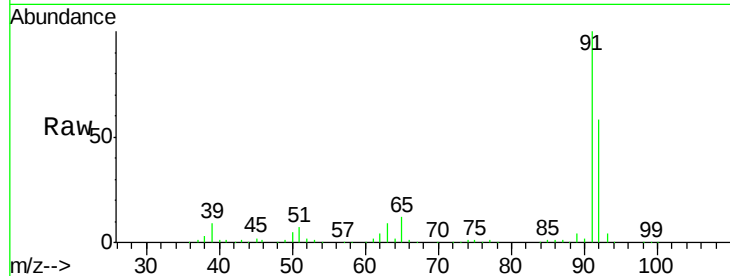
Acq: 25 May 2018 22:21

Tgt Ion: 91 Resp: 1184315

Ion Ratio Lower Upper

91 100

92 58.5 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

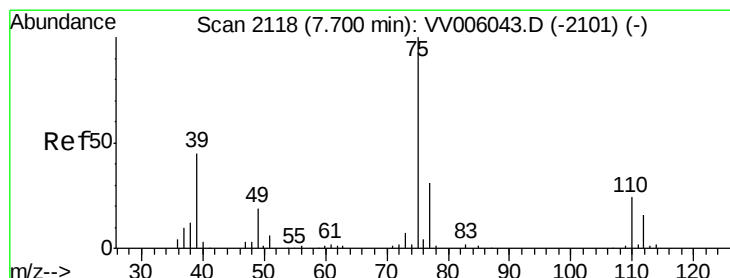
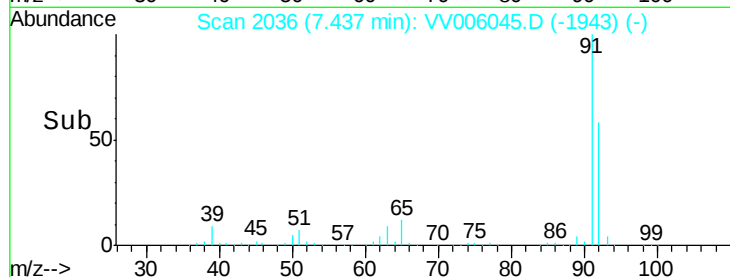
600000

400000

200000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 204.36 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006045.D

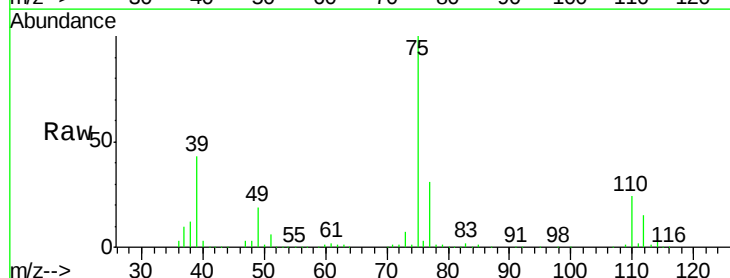
Acq: 25 May 2018 22:21

Tgt Ion: 75 Resp: 454373

Ion Ratio Lower Upper

75 100

77 31.4 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

300000

250000

200000

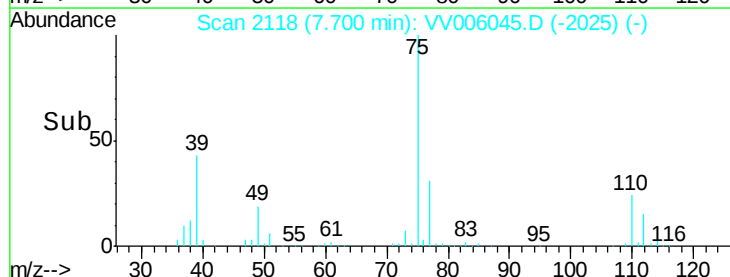
150000

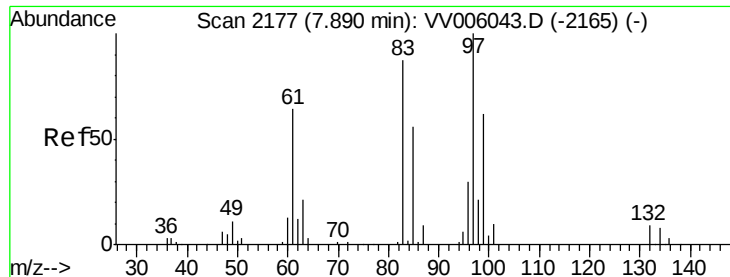
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 190.64 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

Tgt Ion: 97 Resp: 279346

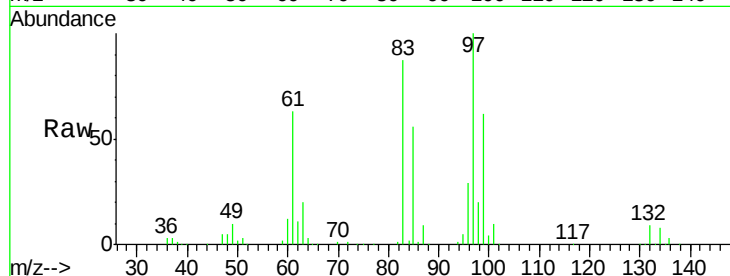
Ion Ratio Lower Upper

97 100

99 62.1 43.6 81.0

83 86.9 60.7 112.7

85 55.6 39.3 72.9

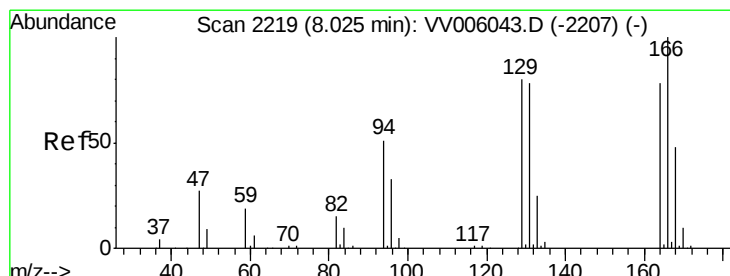
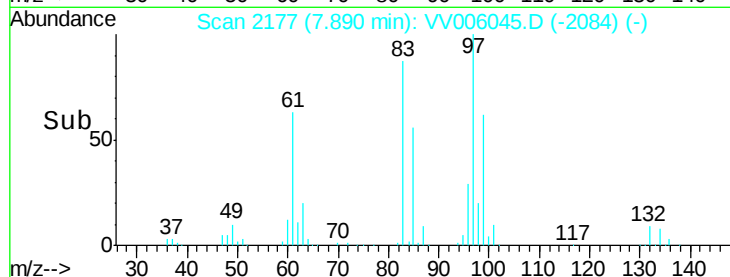
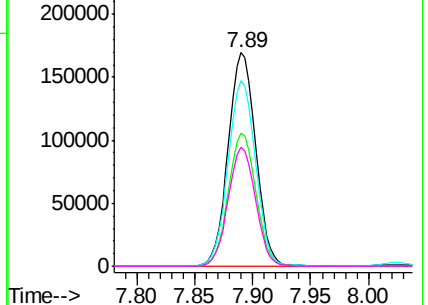


Abundance Ion 97.00 (96.70 to 97.70): VV0

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



#46

Tetrachloroethene

Concen: 197.53 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

Tgt Ion: 164 Resp: 215140

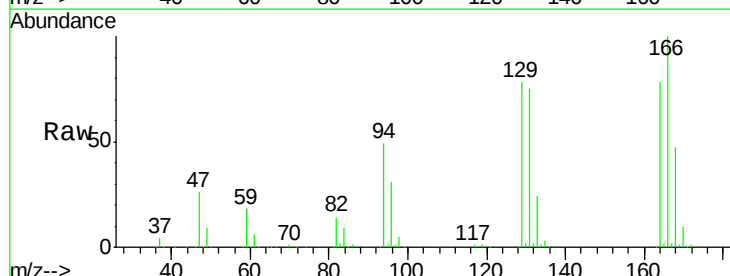
Ion Ratio Lower Upper

164 100

129 100.8 72.2 134.2

131 96.9 70.0 130.0

166 128.7 90.4 167.8

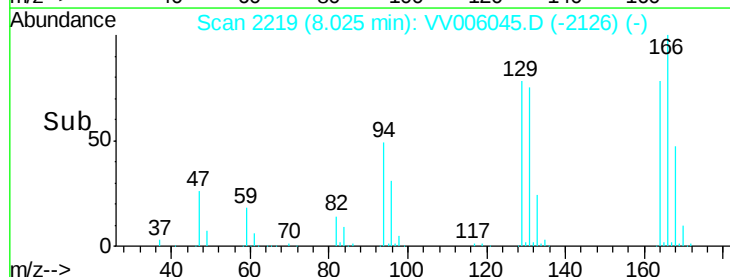
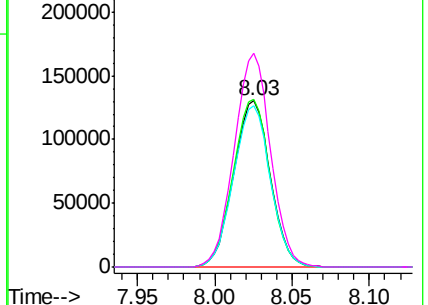


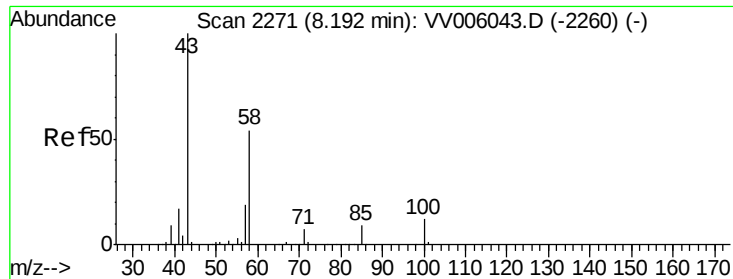
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

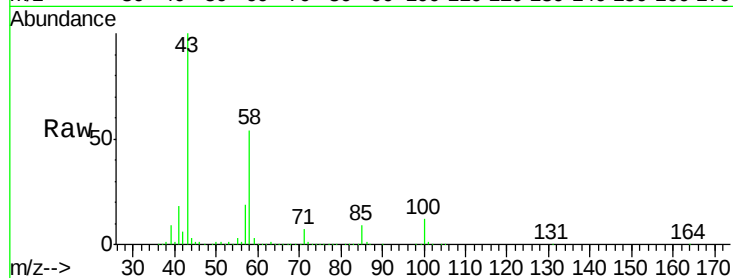
Ion 166.00 (165.70 to 166.70): V



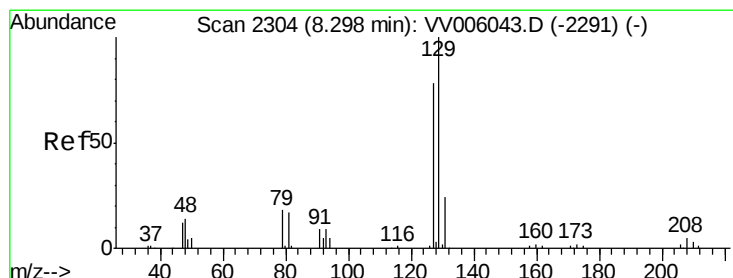
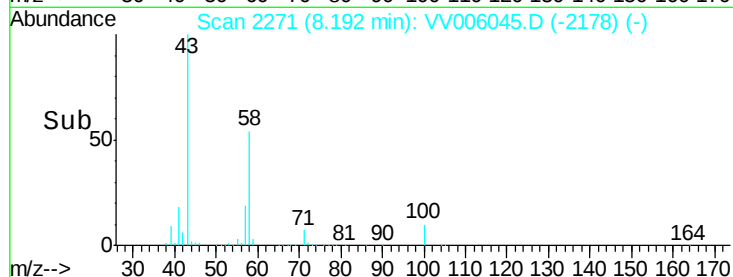
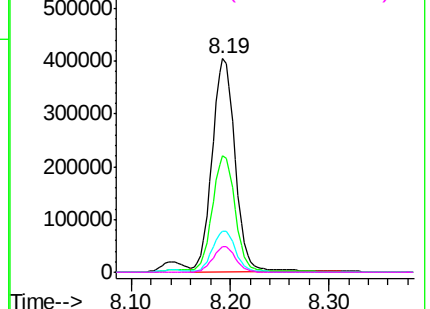


#48
2-Hexanone
Concen: 407.29 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

Tgt Ion:	43	Resp:	658649
Ion	Ratio	Lower	Upper
43	100		
58	54.3	45.4	68.2
57	19.1	15.9	23.9
100	11.9	9.8	14.6

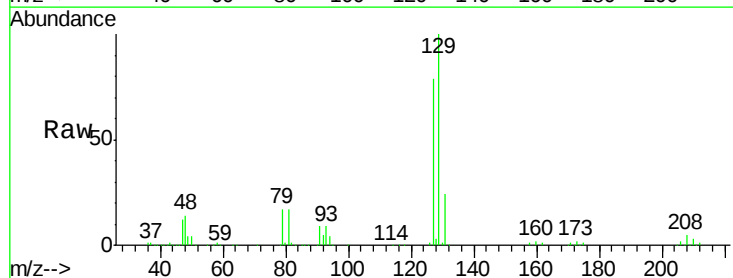


Abundance Ion 43.00 (42.70 to 43.70): VV006043.D (-2260) (-)

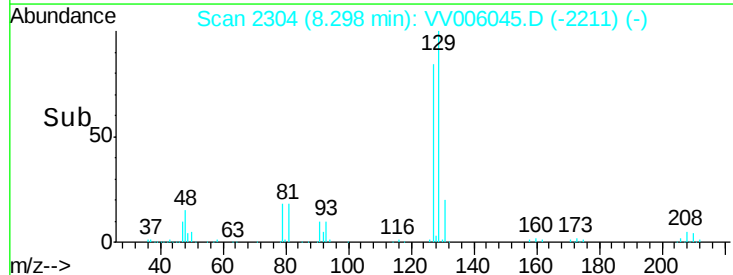
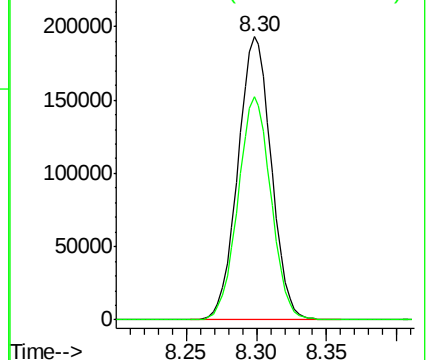


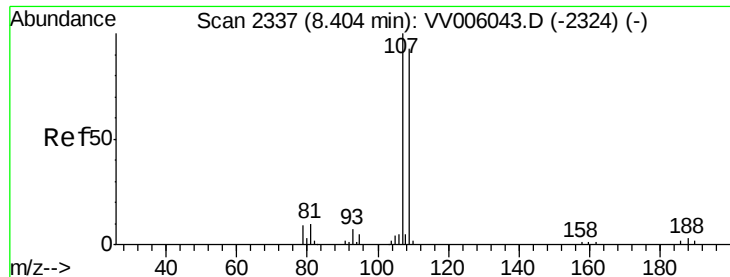
#49
Dibromochloromethane
Concen: 200.81 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006045.D
Acq: 25 May 2018 22:21

Tgt Ion:	129	Resp:	321119
Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.8	101.8



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





#50

1,2-Dibromoethane

Concen: 194.51 ug/L

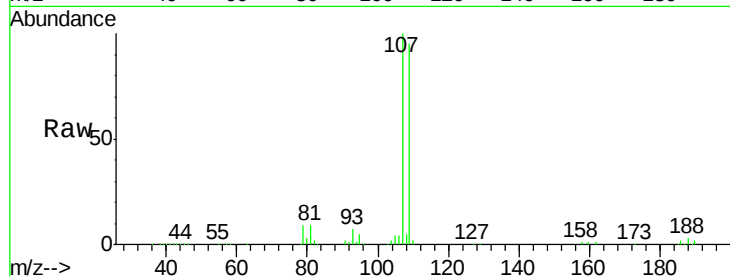
RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

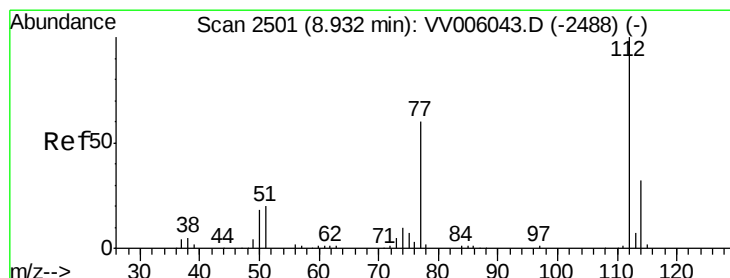
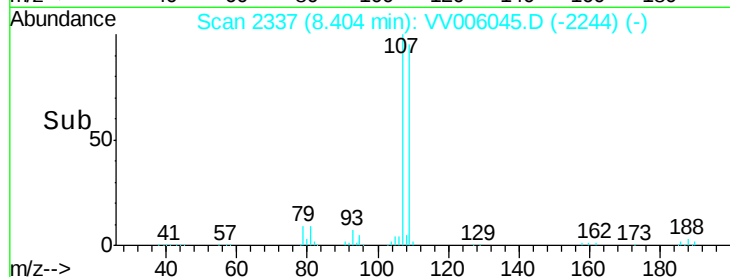
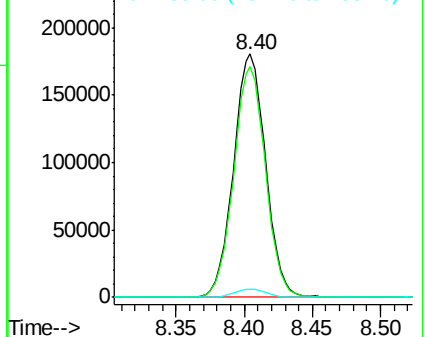
Lab File: VV006045.D

Acq: 25 May 2018 22:21

Tgt Ion:	107	Resp:	294714
Ion	Ratio	Lower	Upper
107	100		
109	94.9	64.8	120.4
188	3.5	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: 195.28 ug/L

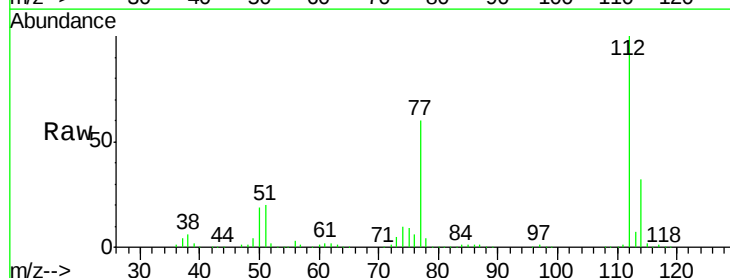
RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

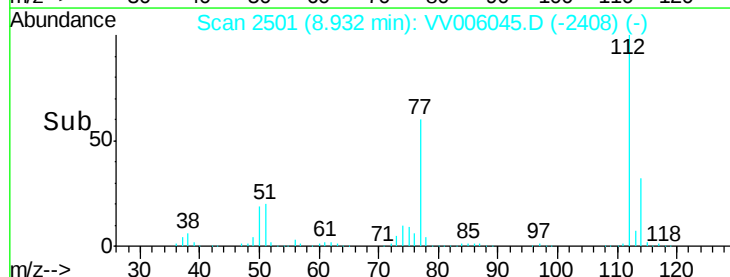
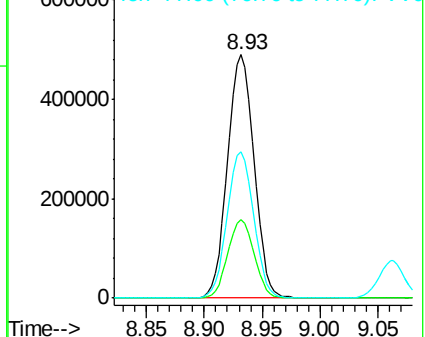
Lab File: VV006045.D

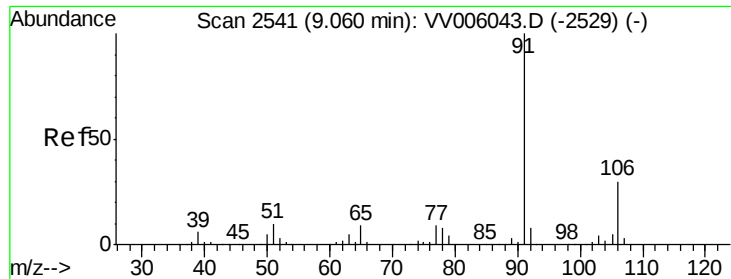
Acq: 25 May 2018 22:21

Tgt Ion:	112	Resp:	777506
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	60.3	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: 198.98 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006045.D

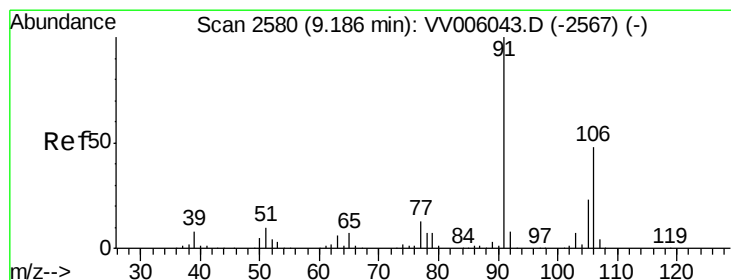
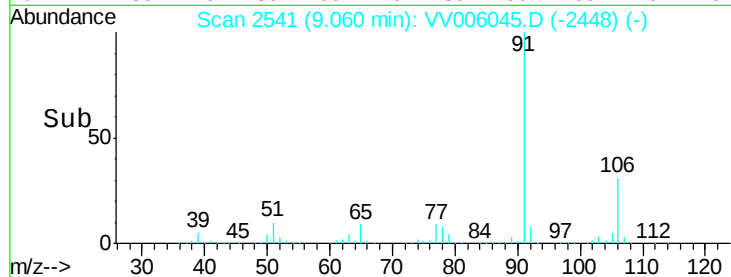
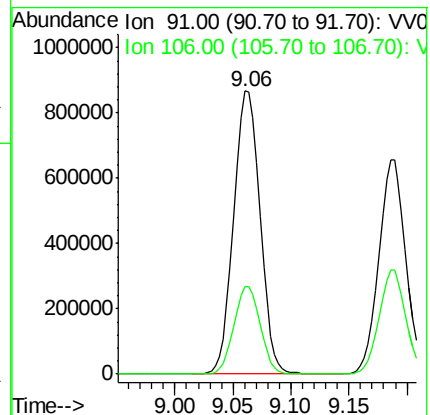
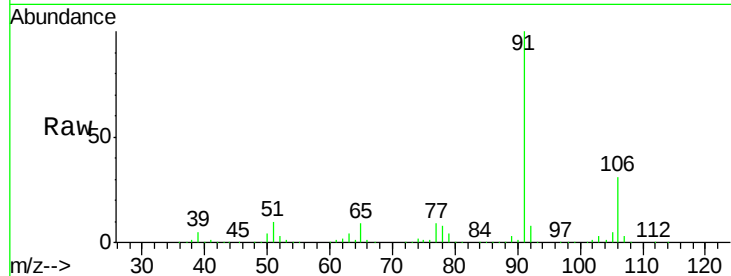
Acq: 25 May 2018 22:21

Tgt Ion: 91 Resp: 1361657

Ion Ratio Lower Upper

91 100

106 30.8 21.2 39.4



#53

m,p-Xylene

Concen: 201.00 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006045.D

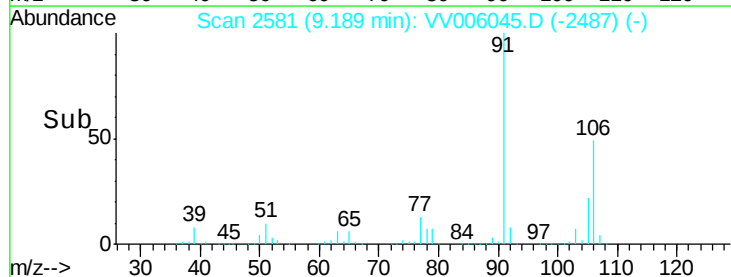
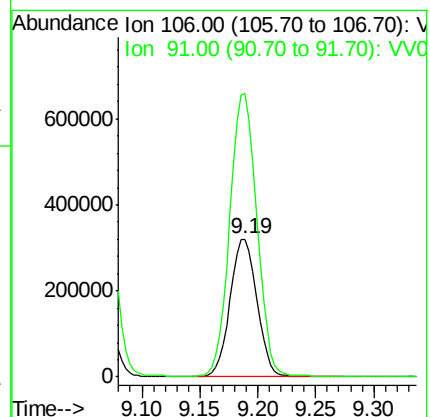
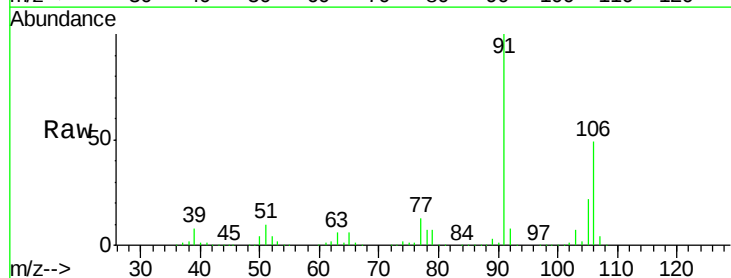
Acq: 25 May 2018 22:21

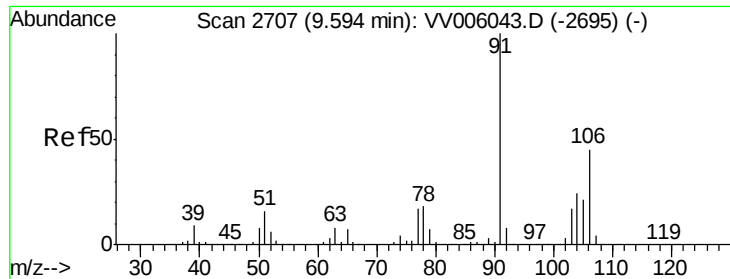
Tgt Ion: 106 Resp: 512994

Ion Ratio Lower Upper

106 100

91 205.5 146.4 271.8





#54

o-xylene

Concen: 198.31 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006045.D

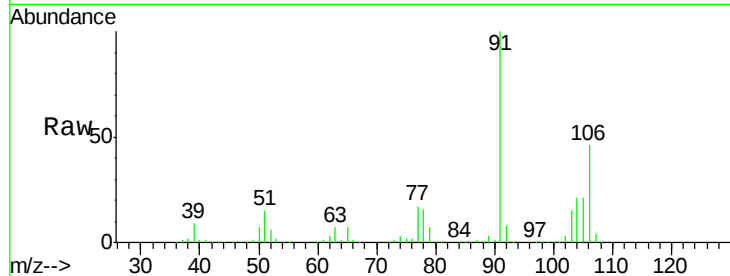
Acq: 25 May 2018 22:21

Tgt Ion:106 Resp: 509433

Ion Ratio Lower Upper

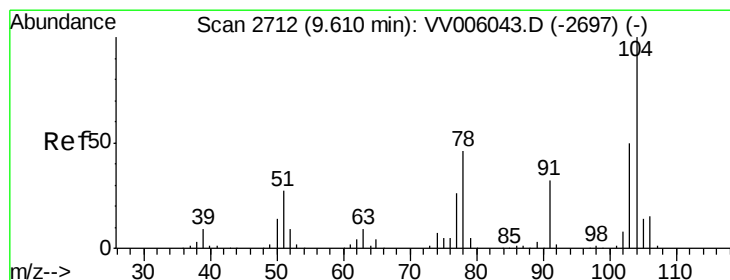
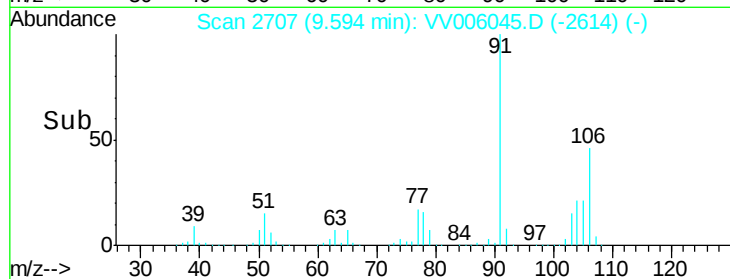
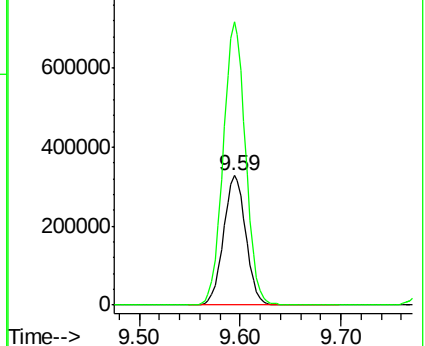
106 100

91 218.5 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 202.19 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006045.D

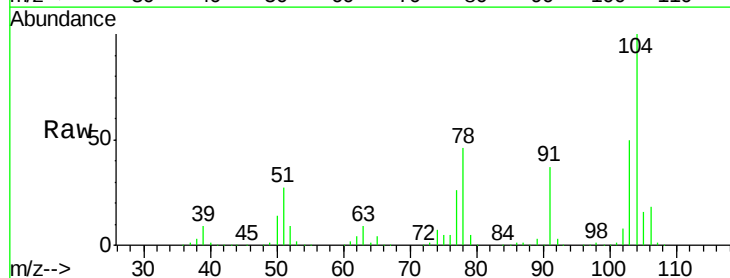
Acq: 25 May 2018 22:21

Tgt Ion:104 Resp: 891977

Ion Ratio Lower Upper

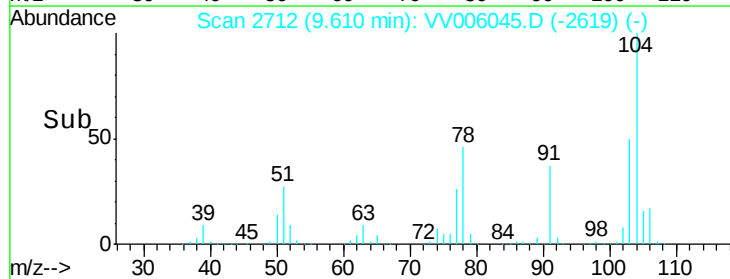
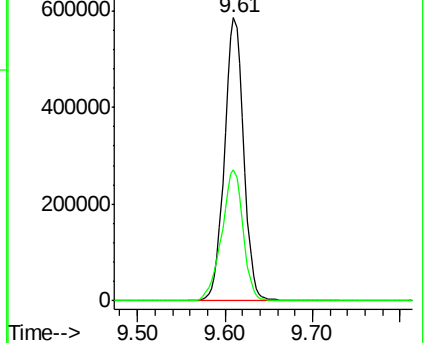
104 100

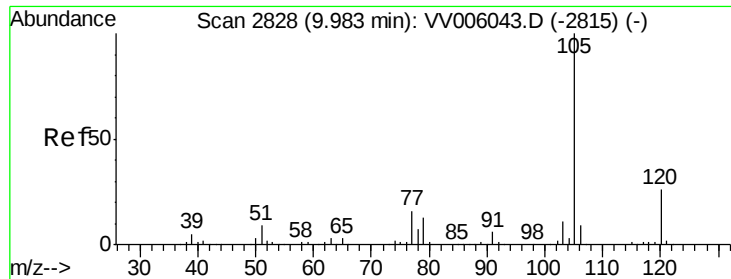
78 46.2 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 201.02 ug/L

RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

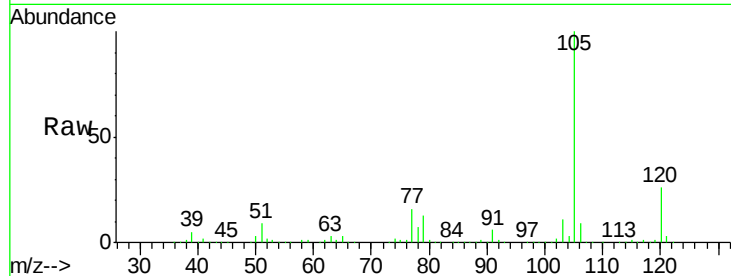
Tgt Ion: 105 Resp: 1367774

Ion Ratio Lower Upper

105 100

120 26.1 20.6 31.0

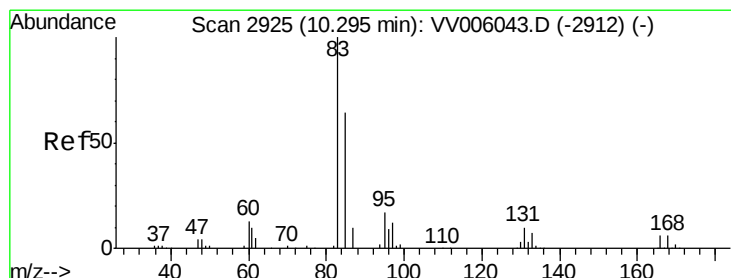
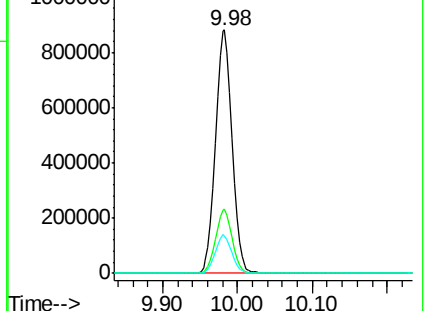
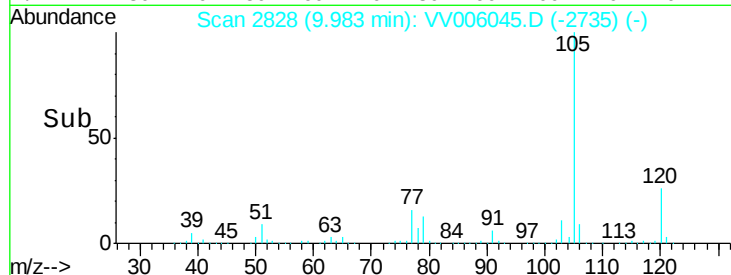
77 15.7 12.9 19.3



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: 195.45 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

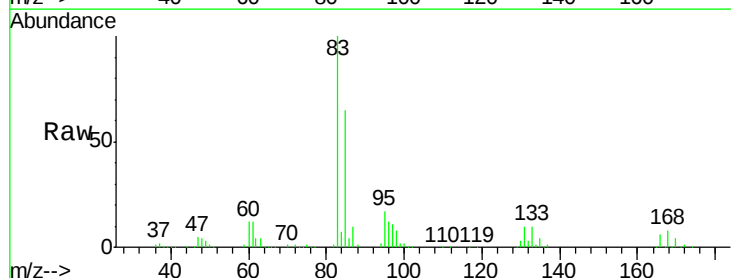
Tgt Ion: 83 Resp: 475315

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2

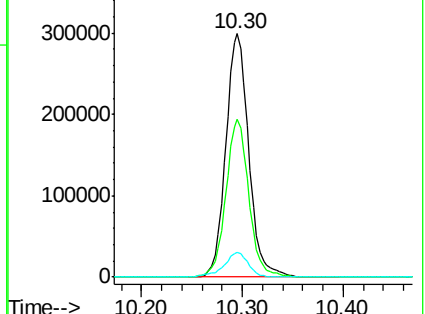
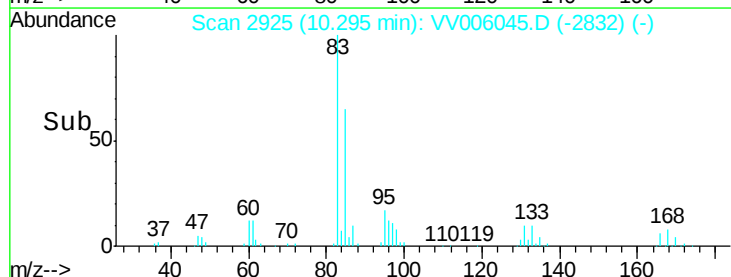
131 10.1 8.5 12.7

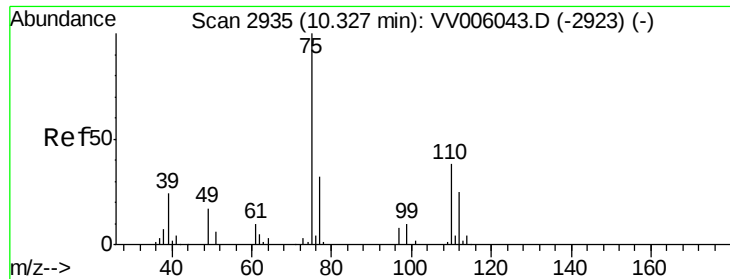


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

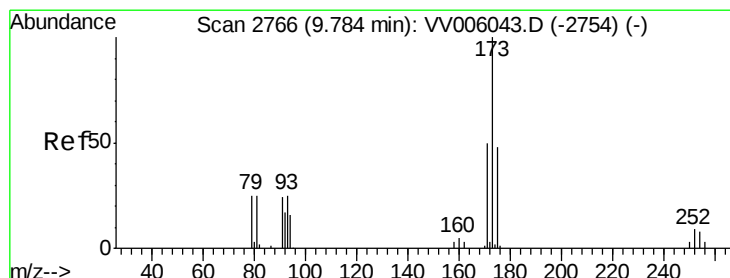
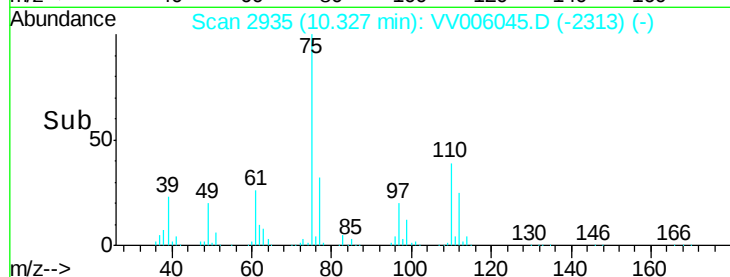
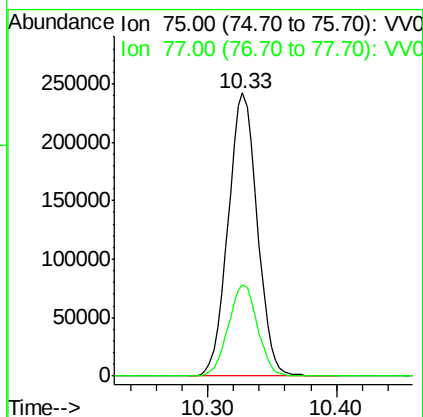
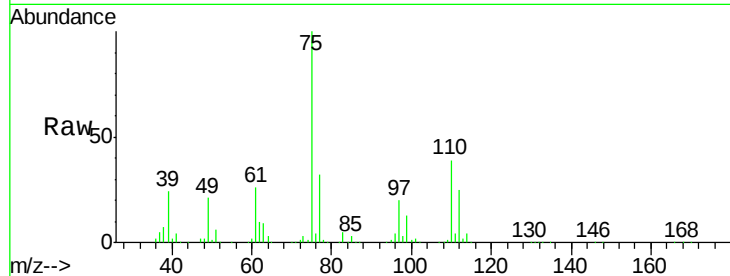
Ion 131.00 (130.70 to 131.70): V





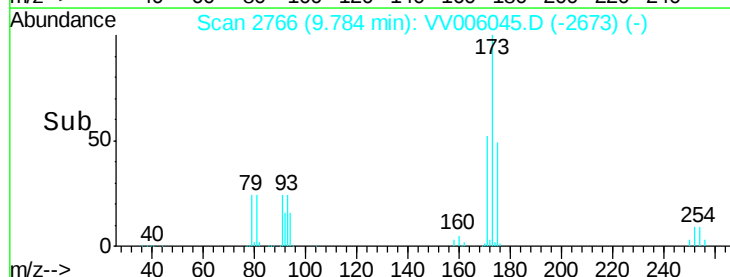
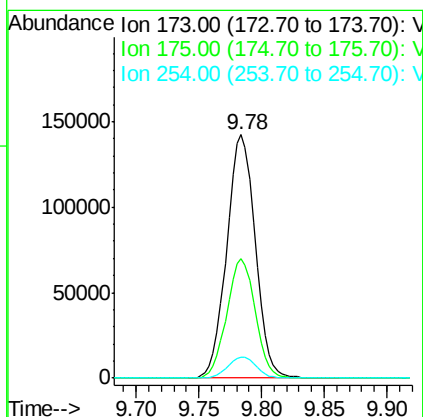
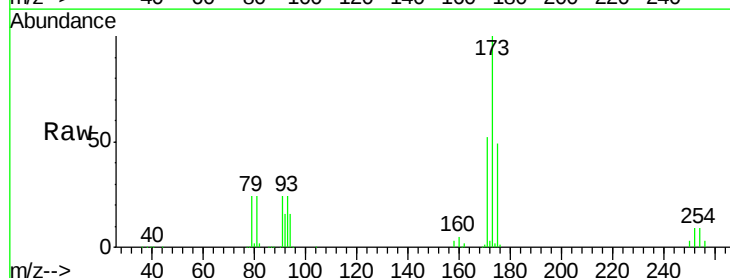
#59
 1,2,3-Trichloropropane
 Concen: 191.14 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

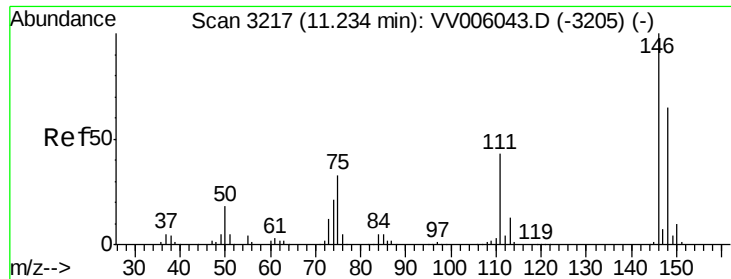
Tgt Ion: 75 Resp: 379791
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#61
 Bromoform
 Concen: 195.00 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006045.D
 Acq: 25 May 2018 22:21

Tgt Ion: 173 Resp: 224945
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.6 57.8
 254 8.7 6.3 9.5





#62

1,3-Dichlorobenzene

Concen: 195.28 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

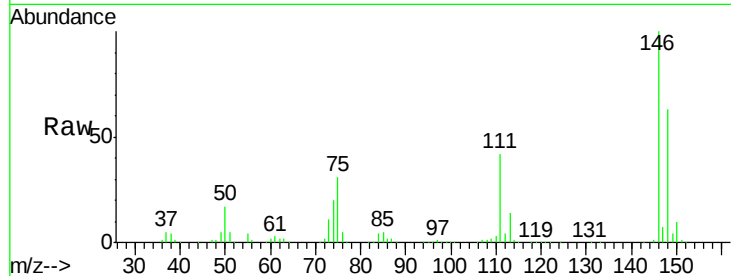
Tgt Ion:146 Resp: 613496

Ion Ratio Lower Upper

146 100

111 42.4 29.8 55.3

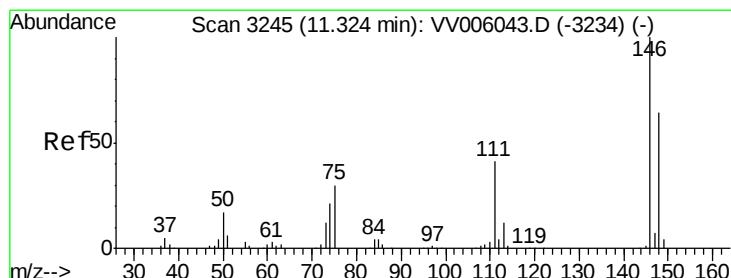
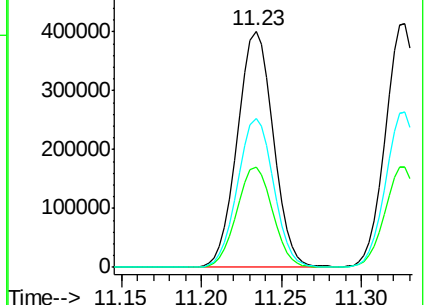
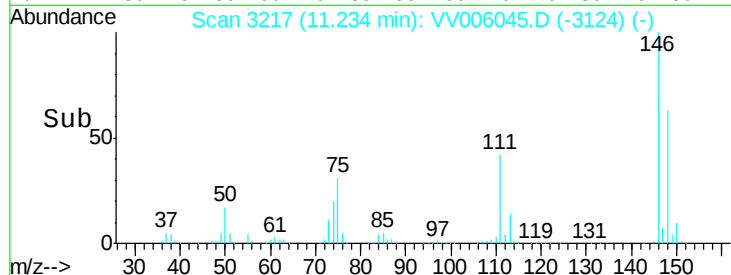
148 63.2 45.4 84.4



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: 191.30 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006045.D

Acq: 25 May 2018 22:21

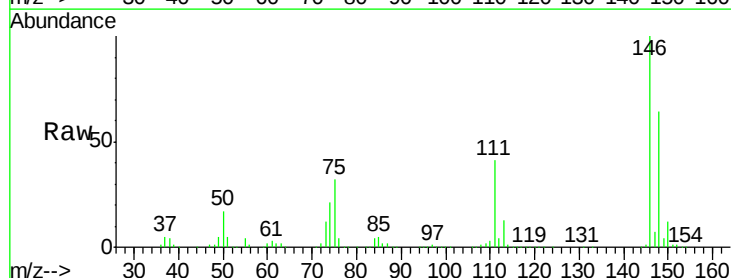
Tgt Ion:146 Resp: 626095

Ion Ratio Lower Upper

146 100

111 41.0 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

