

Data File : VV006048.D
Acq On : 26 May 2018 11:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 28 01:59:21 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 01:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190234	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63922	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.22%
7) Chloroethane-d5	1.57	69	44791	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.34%
11) 1,1-Dichloroethene-d2	2.13	63	122870	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
21) 2-Butanone-d5	3.95	46	64473	84.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.72%
24) Chloroform-d	4.40	84	124130	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.09	65	81300	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
32) Benzene-d6	5.10	84	241130	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.12	67	75338	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.36	98	229881	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%
43) trans-1,3-Dichloropropene-	7.67	79	37131	53.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.28%
47) 2-Hexanone-d5	8.14	63	60298	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103595	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.68	152	86196	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	84220	49.92	ug/L	98
3) Chloromethane	1.26	50	85376	46.63	ug/L	99
5) Vinyl chloride	1.32	62	79834	49.30	ug/L	99
6) Bromomethane	1.52	94	33357	46.64	ug/L	100
8) Chloroethane	1.59	64	44302	47.82	ug/L	99
9) Trichlorofluoromethane	1.76	101	113543	50.36	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65586	51.79	ug/L	99
12) 1,1-Dichloroethene	2.14	96	58258	49.84	ug/L	99
13) Acetone	2.19	43	90359	115.40	ug/L	99
14) Carbon disulfide	2.32	76	172367	49.54	ug/L	99
15) Methyl Acetate	2.46	43	76181	46.36	ug/L	99
16) Methylene chloride	2.54	84	67272	48.09	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	62287	49.65	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	208009	49.06	ug/L	100
19) 1,1-Dichloroethane	3.23	63	127042	49.16	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	74715	49.53	ug/L	96
22) 2-Butanone	4.03	43	118493	105.26	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

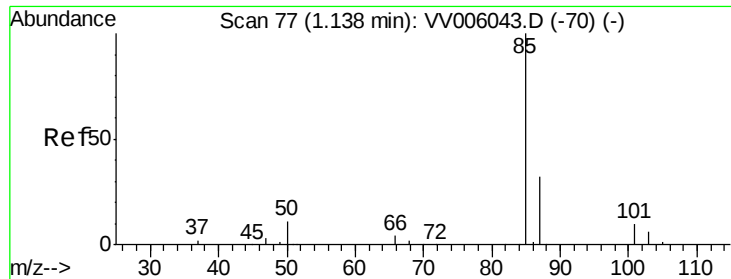
Quant Time: May 28 01:59:21 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 01:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36273	49.37	ug/L	99
25) Chloroform	4.43	83	133291	49.10	ug/L	100
27) 1,2-Dichloroethane	5.19	62	106934	48.49	ug/L	98
29) Cyclohexane	4.72	56	113003	51.22	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	117176	49.57	ug/L	99
31) Carbon tetrachloride	4.88	117	104348	51.11	ug/L	99
33) Benzene	5.15	78	283658	50.28	ug/L	100
34) Trichloroethene	5.96	95	71704	49.47	ug/L	97
35) Methylcyclohexane	6.18	83	123753	54.83	ug/L	99
37) 1,2-Dichloropropane	6.23	63	74766	49.51	ug/L	100
38) Bromodichloromethane	6.56	83	98146	50.19	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	114869	51.69	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	200902	100.42	ug/L	100
42) Toluene	7.43	91	299655	51.14	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	108832	51.98	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	70430	49.06	ug/L	100
46) Tetrachloroethene	8.02	164	56333	51.71	ug/L	96
48) 2-Hexanone	8.19	43	170421	111.46	ug/L	96
49) Dibromochloromethane	8.30	129	76615	50.30	ug/L	100
50) 1,2-Dibromoethane	8.40	107	73407	49.59	ug/L	100
51) Chlorobenzene	8.93	112	194037	49.56	ug/L	100
52) Ethylbenzene	9.06	91	338182	52.38	ug/L	98
53) m,p-Xylene	9.19	106	125534	52.68	ug/L	99
54) o-xylene	9.59	106	125688	53.34	ug/L	99
55) Styrene	9.61	104	215690	53.49	ug/L	100
56) Isopropylbenzene	9.98	105	336188	53.41	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	116751	49.59	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	93595	48.63	ug/L	100
61) Bromoform	9.78	173	50740	49.26	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	143598	50.48	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	149300	50.09	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	152787	49.99	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	24196	47.45	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	108162	53.26	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	88476	53.06	ug/L	98
69) Naphthalene	13.56	128	281931	53.88	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	96448	52.65	ug/L	99

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

ALS Vial : 2 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 49.92 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006048.D

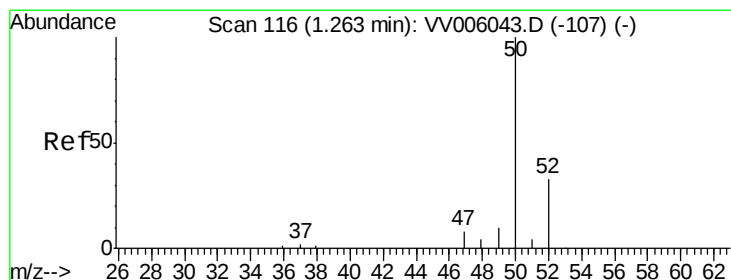
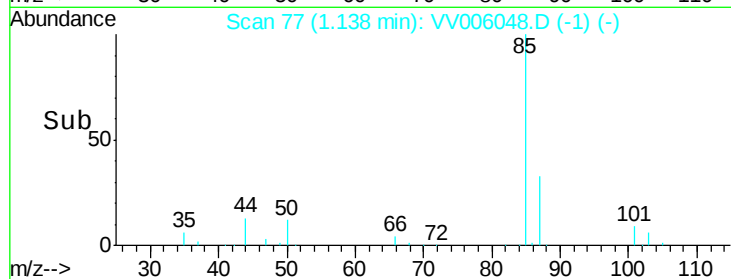
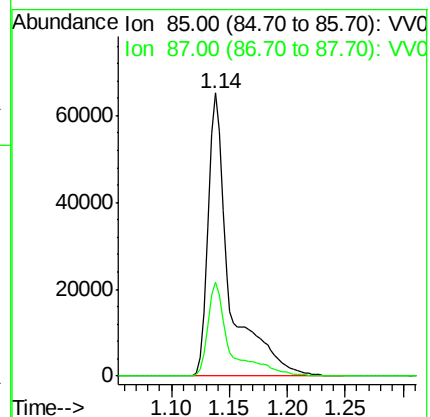
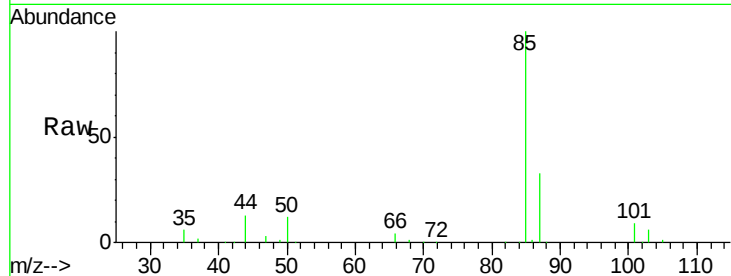
Acq: 26 May 2018 11:38

Tgt Ion: 85 Resp: 84220

Ion Ratio Lower Upper

85 100

87 33.4 25.7 38.5



#3

Chloromethane

Concen: 46.63 ug/L

RT: 1.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: VV006048.D

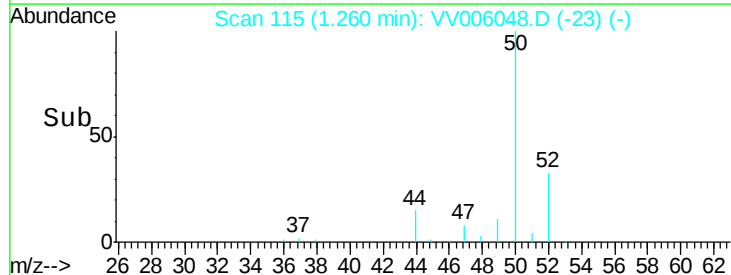
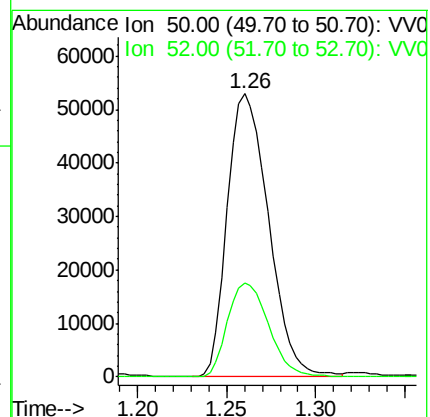
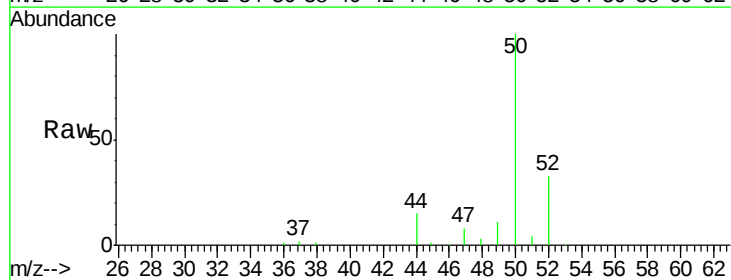
Acq: 26 May 2018 11:38

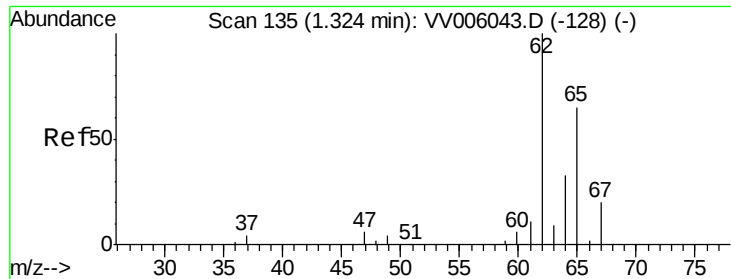
Tgt Ion: 50 Resp: 85376

Ion Ratio Lower Upper

50 100

52 33.2 22.7 42.3





#5

Vinyl chloride

Concen: 49.30 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006048.D

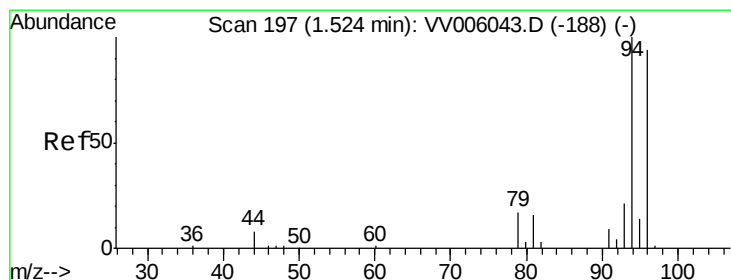
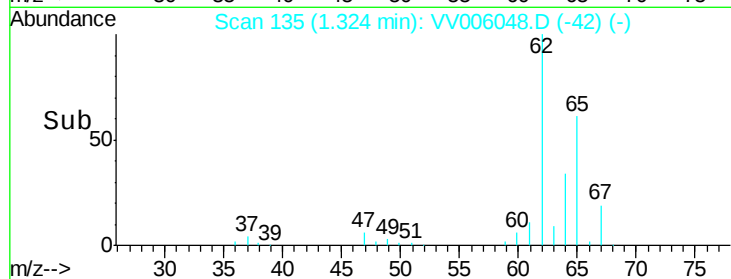
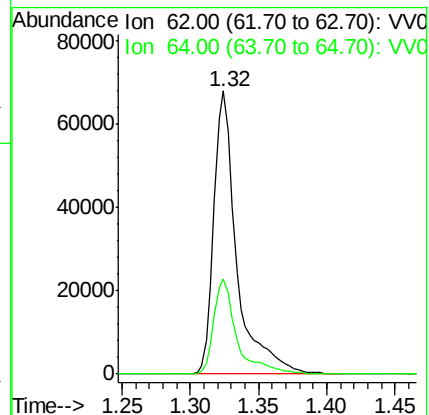
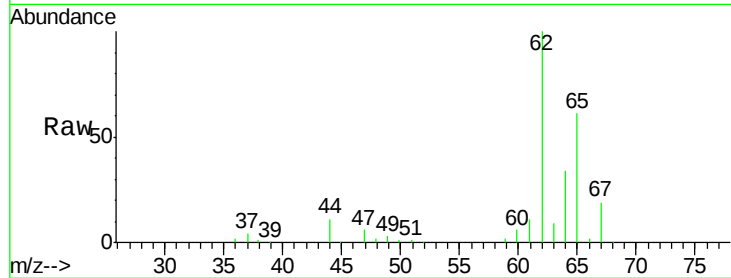
Acq: 26 May 2018 11:38

Tgt Ion: 62 Resp: 79834

Ion Ratio Lower Upper

62 100

64 33.8 23.1 42.9



#6

Bromomethane

Concen: 46.64 ug/L

RT: 1.52 min Scan# 195

Delta R.T. -0.01 min

Lab File: VV006048.D

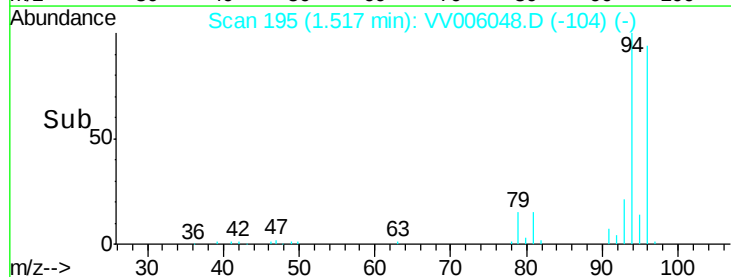
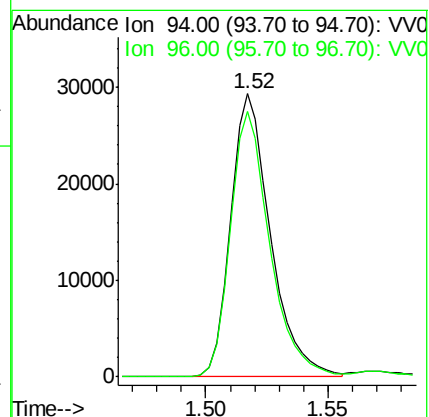
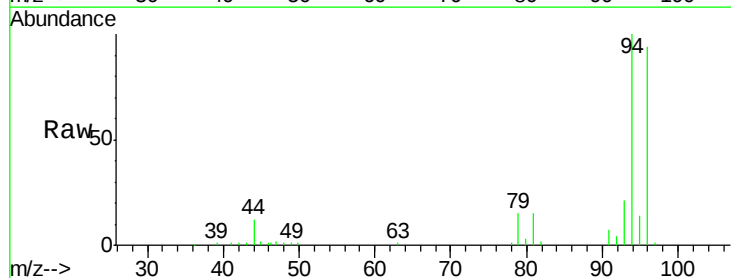
Acq: 26 May 2018 11:38

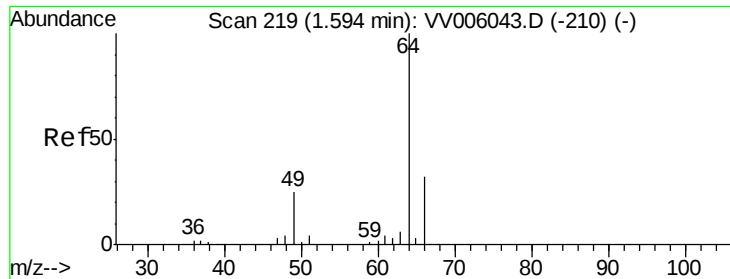
Tgt Ion: 94 Resp: 33357

Ion Ratio Lower Upper

94 100

96 93.7 65.6 121.8





#8

Chloroethane

Concen: 47.82 ug/L

RT: 1.59 min Scan# 217

Delta R.T. -0.01 min

Lab File: VV006048.D

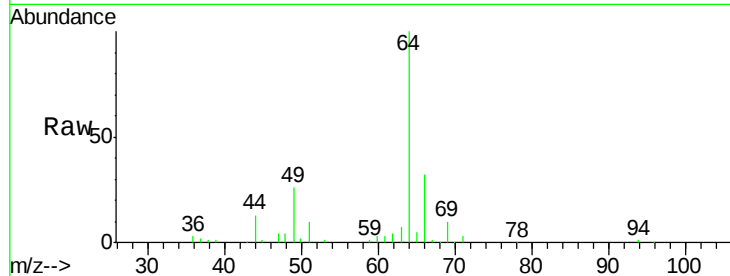
Acq: 26 May 2018 11:38

Tgt Ion: 64 Resp: 44302

Ion Ratio Lower Upper

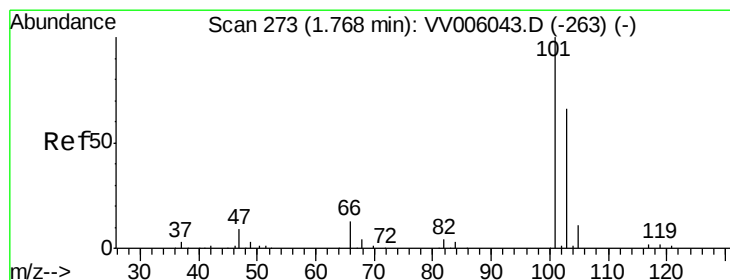
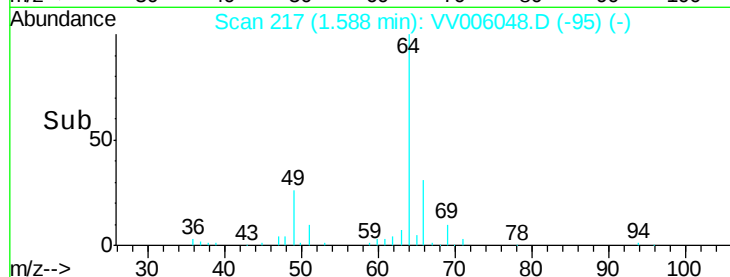
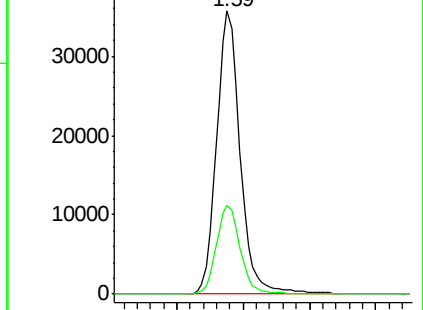
64 100

66 31.6 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) (-)



#9

Trichlorofluoromethane

Concen: 50.36 ug/L

RT: 1.76 min Scan# 272

Delta R.T. -0.00 min

Lab File: VV006048.D

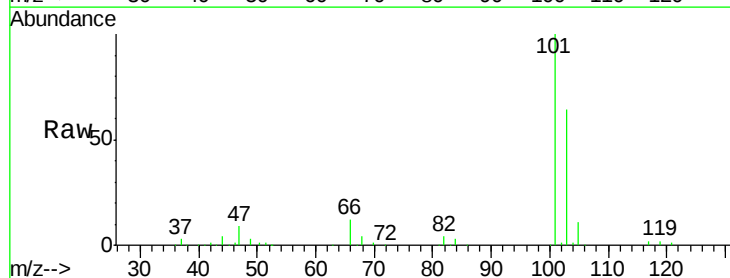
Acq: 26 May 2018 11:38

Tgt Ion: 101 Resp: 113543

Ion Ratio Lower Upper

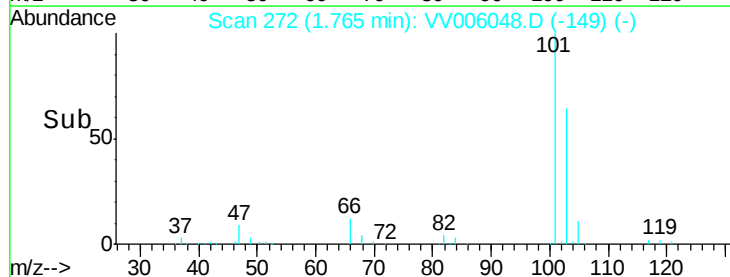
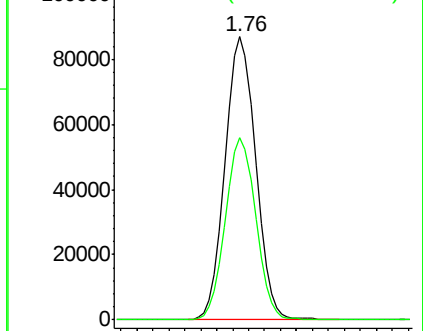
101 100

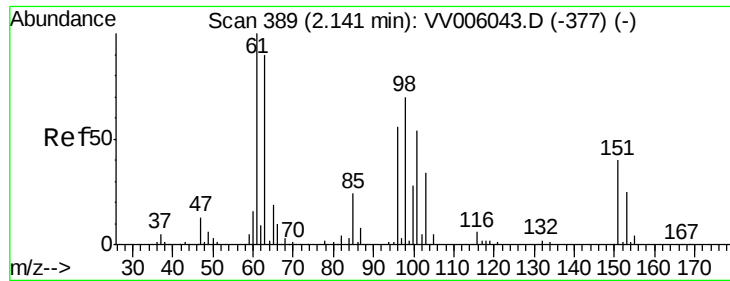
103 63.9 52.6 78.8



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

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





#10

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

Concen: 51.79 ug/L

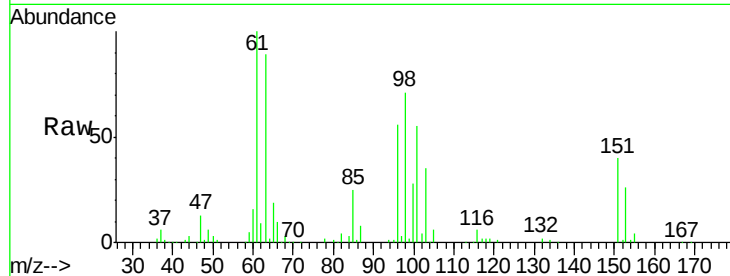
RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

Tgt Ion:	101	Resp:	65586
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.5	53.3
151	74.9	58.8	88.2

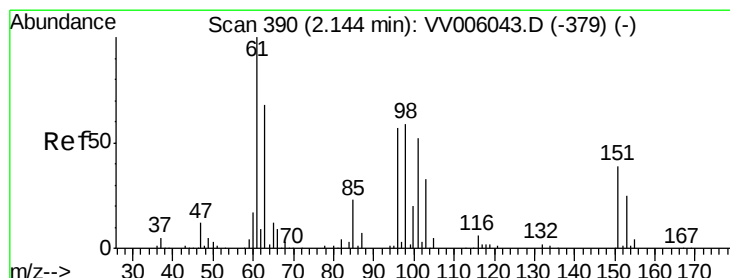
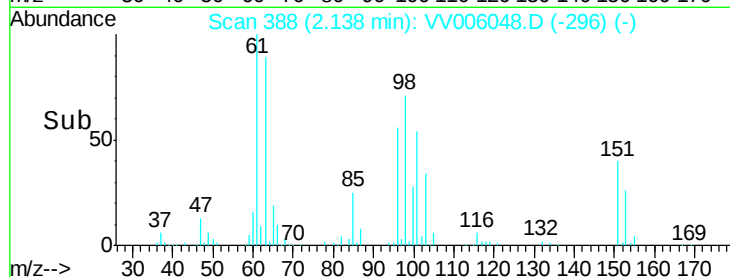
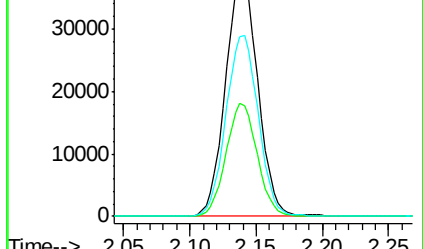


Abundance Ion 101.00 (100.70 to 101.70): VV006043.D (-377) (-)

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: 49.84 ug/L

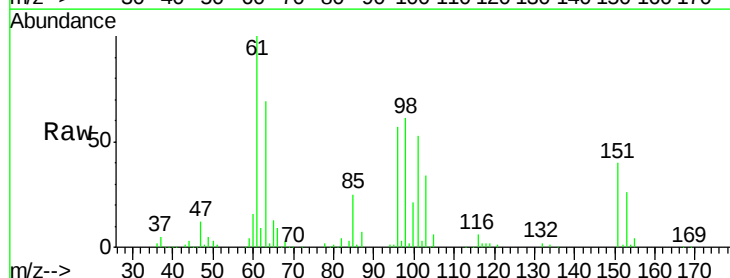
RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

Tgt Ion:	96	Resp:	58258
Ion	Ratio	Lower	Upper
96	100		
61	175.2	122.5	227.5
63	121.8	86.9	161.5

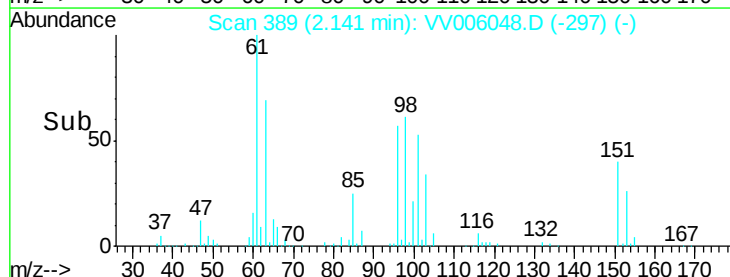
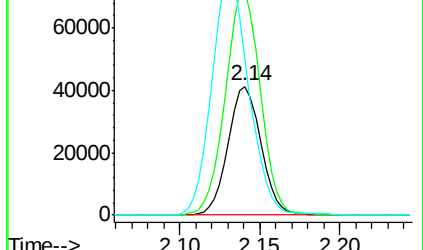


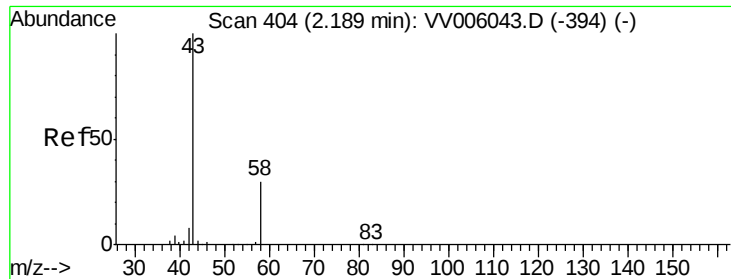
Abundance Ion 96.00 (95.70 to 96.70): VV006043.D (-379) (-)

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

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

Time-->





#13

Acetone

Concen: 115.40 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.00 min

Lab File: VV006048.D

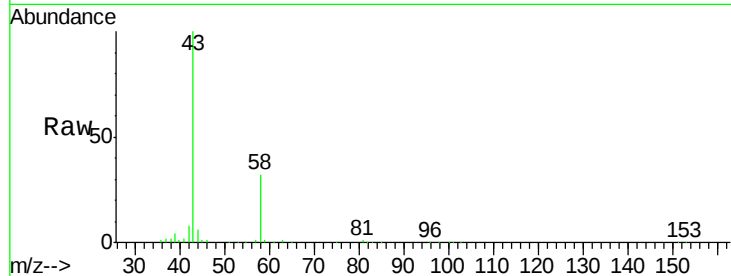
Acq: 26 May 2018 11:38

Tgt Ion: 43 Resp: 90359

Ion Ratio Lower Upper

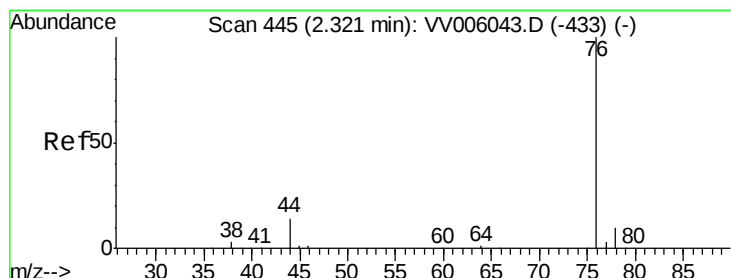
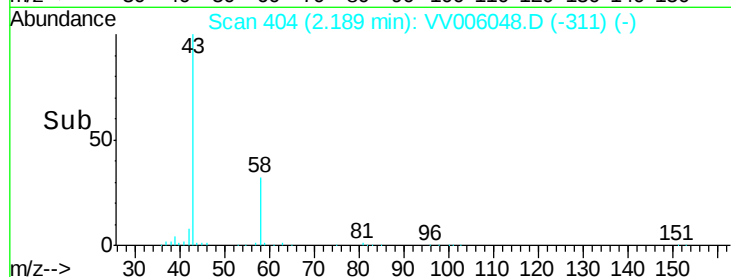
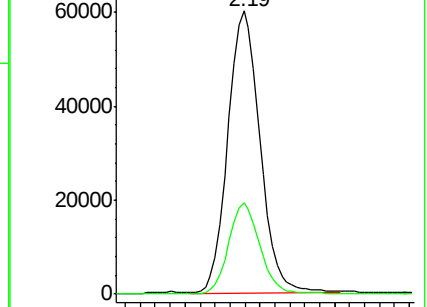
43 100

58 31.3 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV006048.D (-311) (-)

Ion 58.00 (57.70 to 58.70): VV006048.D (-311) (-)



#14

Carbon disulfide

Concen: 49.54 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006048.D

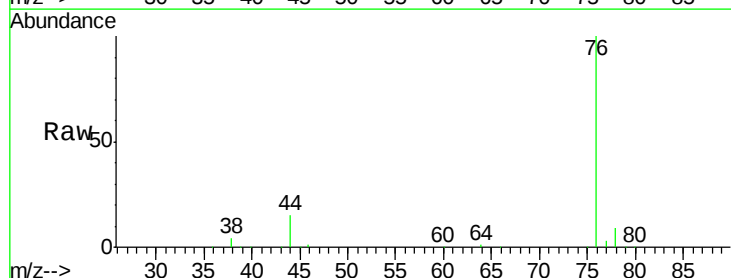
Acq: 26 May 2018 11:38

Tgt Ion: 76 Resp: 172367

Ion Ratio Lower Upper

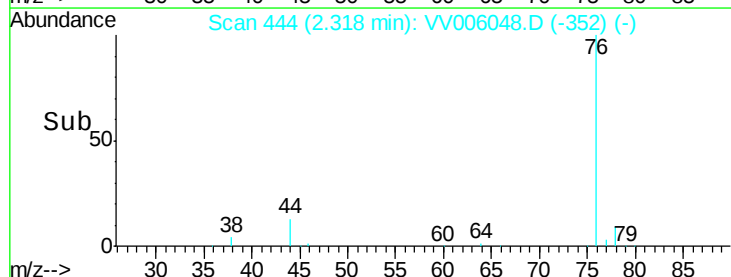
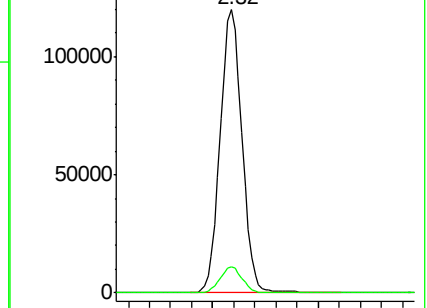
76 100

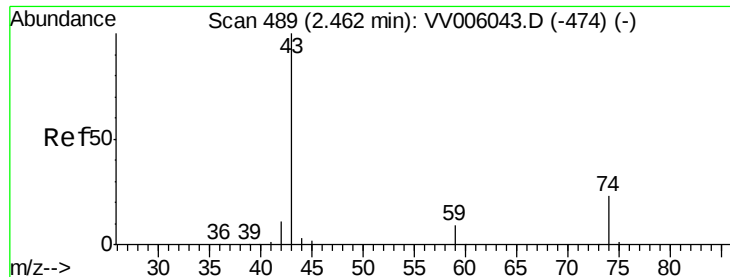
78 9.1 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV006048.D (-352) (-)

Ion 78.00 (77.70 to 78.70): VV006048.D (-352) (-)





#15

Methyl Acetate

Concen: 46.36 ug/L

RT: 2.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: VV006048.D

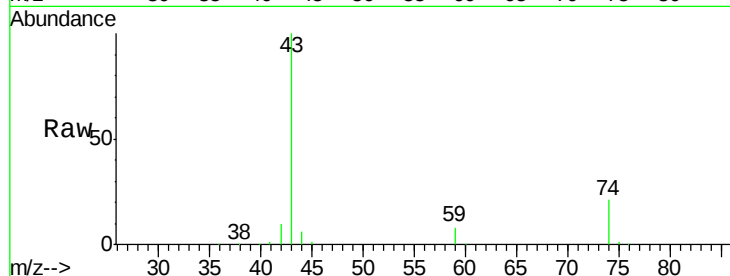
Acq: 26 May 2018 11:38

Tgt Ion: 43 Resp: 76181

Ion Ratio Lower Upper

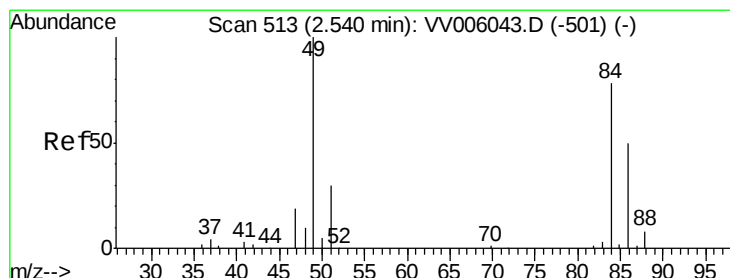
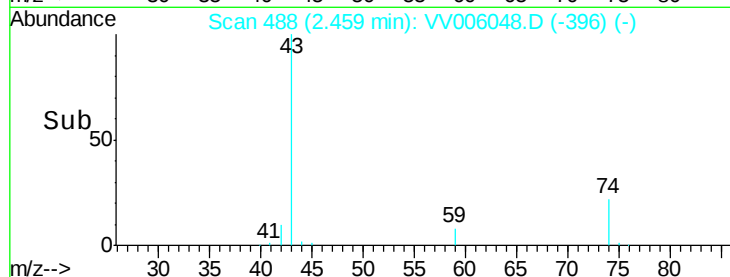
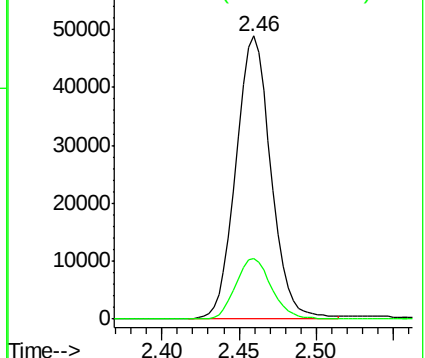
43 100

74 22.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VV006043.D (-474) (-)

Ion 74.00 (73.70 to 74.70): VV006043.D (-474) (-)



#16

Methylene chloride

Concen: 48.09 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

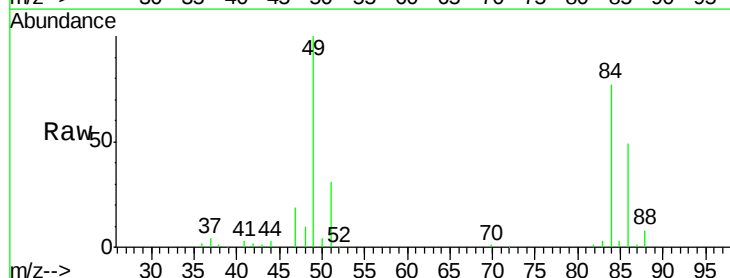
Tgt Ion: 84 Resp: 67272

Ion Ratio Lower Upper

84 100

86 64.0 45.1 83.7

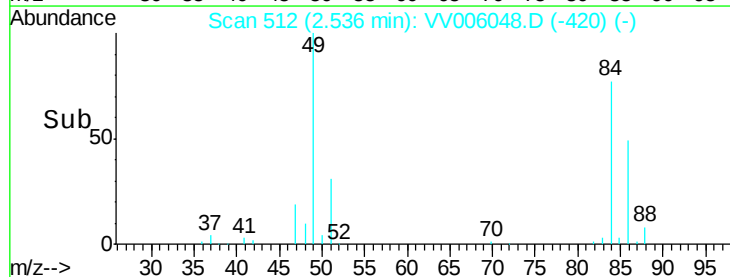
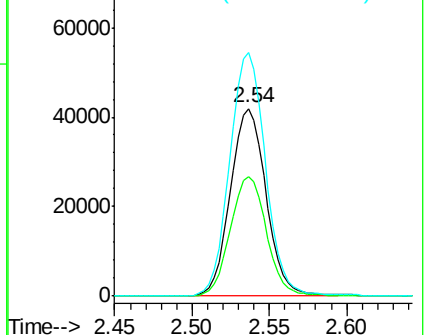
49 129.9 90.2 167.6

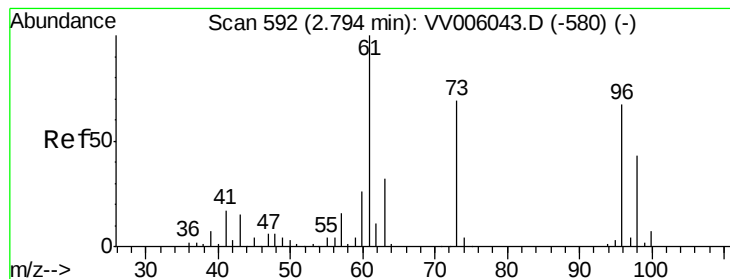


Abundance Ion 84.00 (83.70 to 84.70): VV006043.D (-501) (-)

Ion 86.00 (85.70 to 86.70): VV006043.D (-501) (-)

Ion 49.00 (48.70 to 49.70): VV006043.D (-501) (-)





#17

trans-1,2-Dichloroethene

Concen: 49.65 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

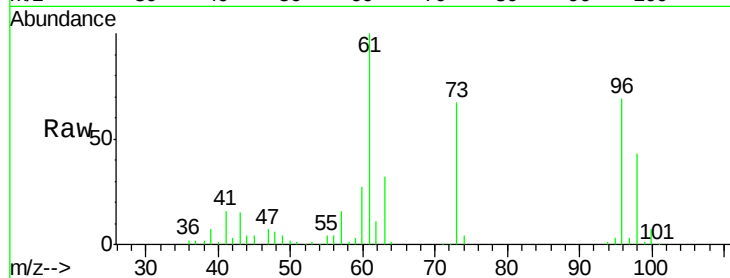
Tgt Ion: 96 Resp: 62287

Ion Ratio Lower Upper

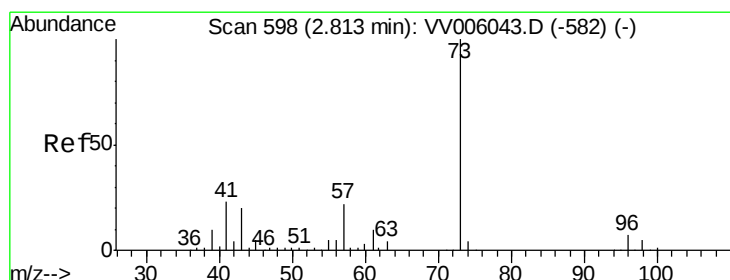
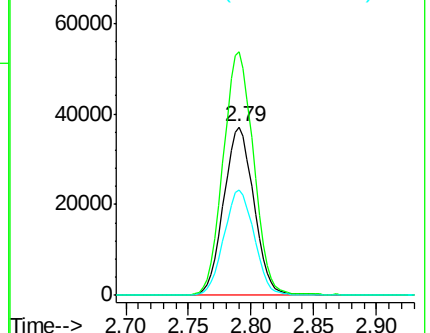
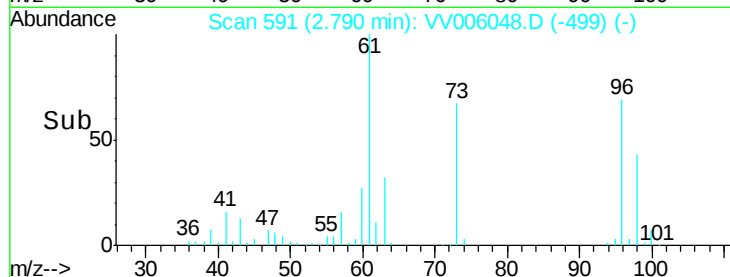
96 100

61 144.4 104.9 194.7

98 62.8 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV006048.D (-499) (-)



#18

Methyl tert-butyl Ether

Concen: 49.06 ug/L

RT: 2.81 min Scan# 597

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

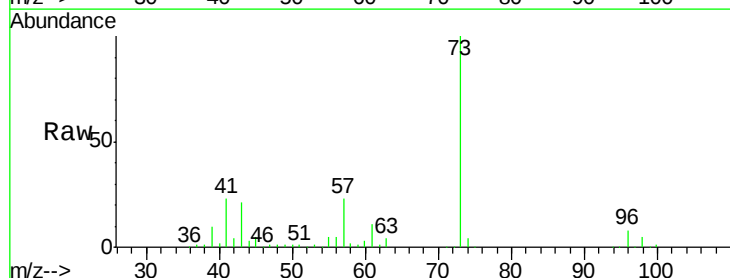
Tgt Ion: 73 Resp: 208009

Ion Ratio Lower Upper

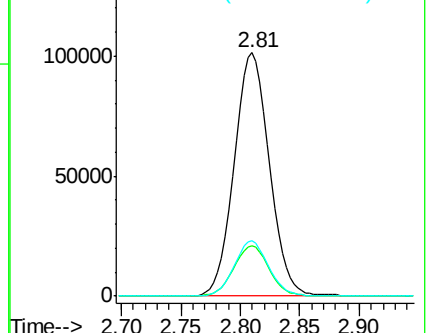
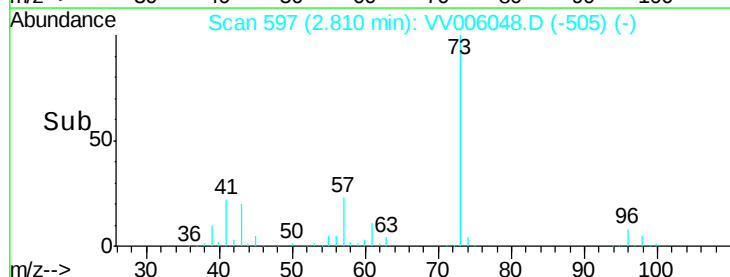
73 100

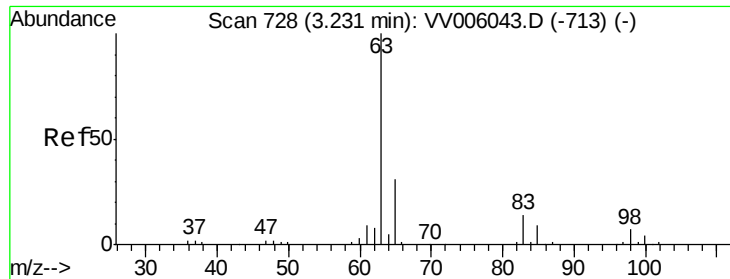
43 20.7 16.2 24.2

57 22.3 17.8 26.8



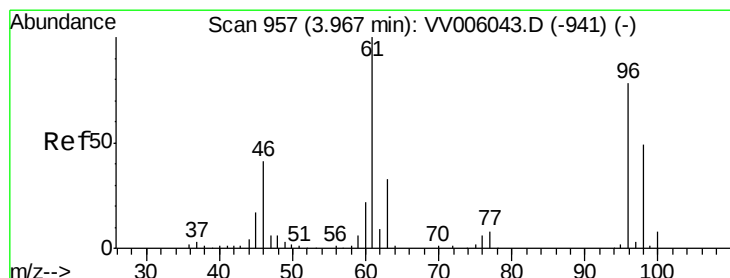
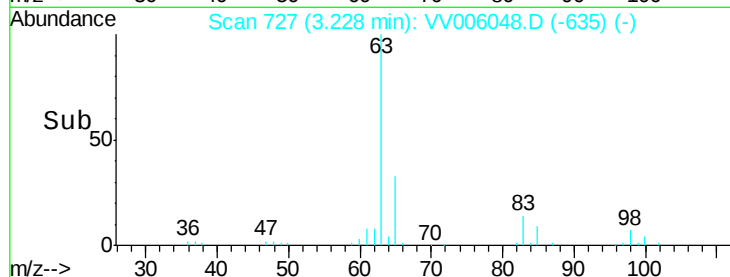
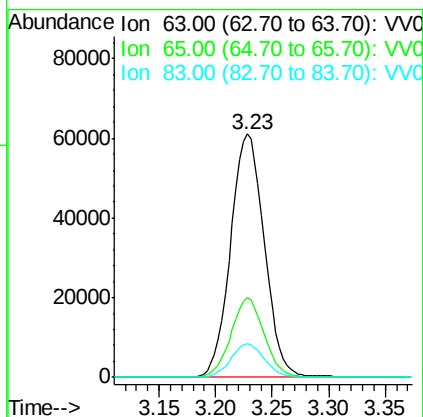
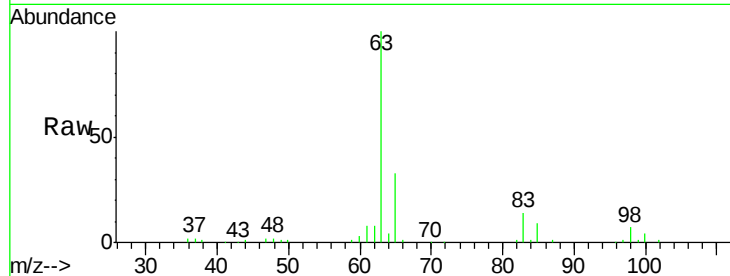
Abundance Ion 73.00 (72.70 to 73.70): VV006048.D (-505) (-)





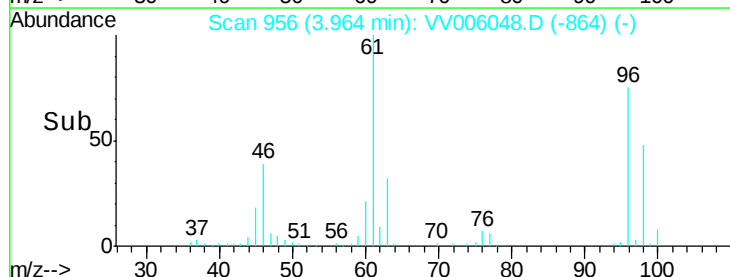
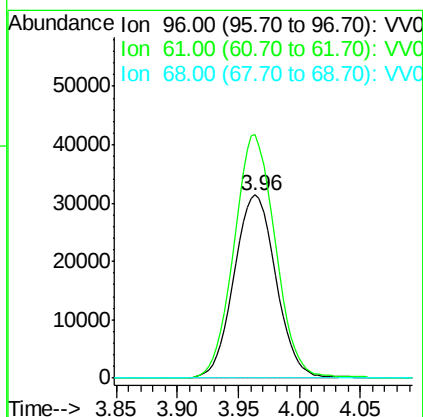
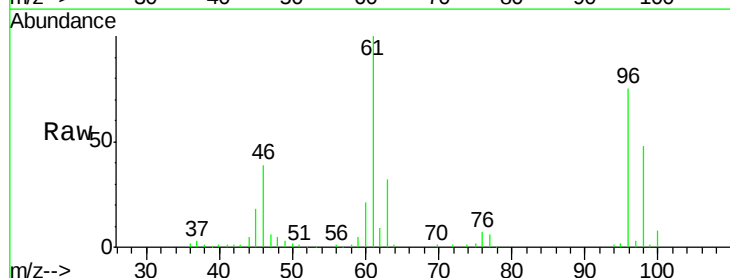
#19
 1,1-Dichloroethane
 Concen: 49.16 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

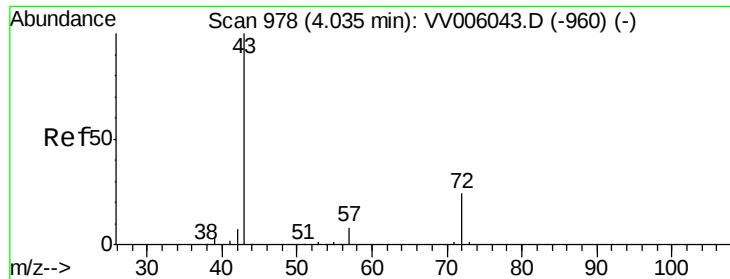
Tgt Ion: 63 Resp: 127042
 Ion Ratio Lower Upper
 63 100
 65 32.6 21.9 40.7
 83 13.6 9.9 18.5



#20
 cis-1,2-Dichloroethene
 Concen: 49.53 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion: 96 Resp: 74715
 Ion Ratio Lower Upper
 96 100
 61 132.9 89.9 167.0
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 105.26 ug/L

RT: 4.03 min Scan# 976

Delta R.T. -0.01 min

Lab File: VV006048.D

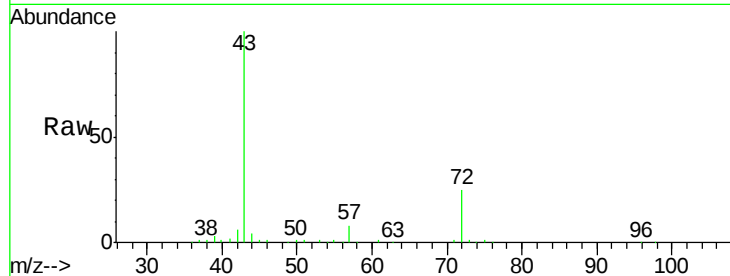
Acq: 26 May 2018 11:38

Tgt Ion: 43 Resp: 118493

Ion Ratio Lower Upper

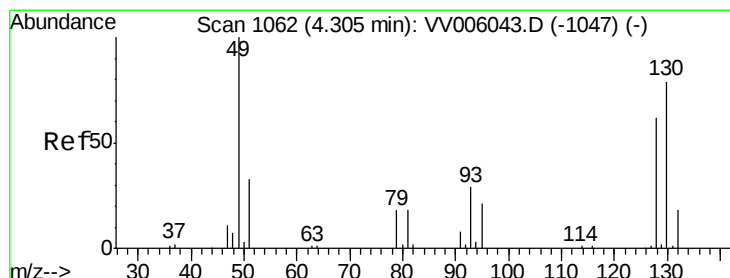
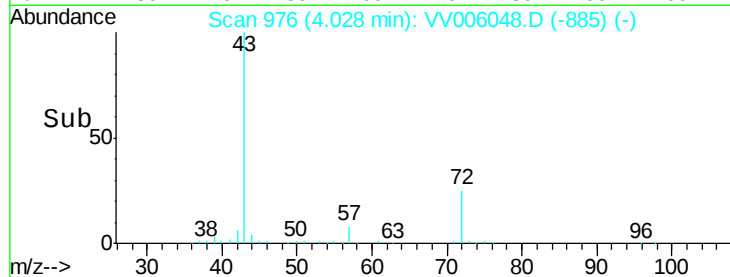
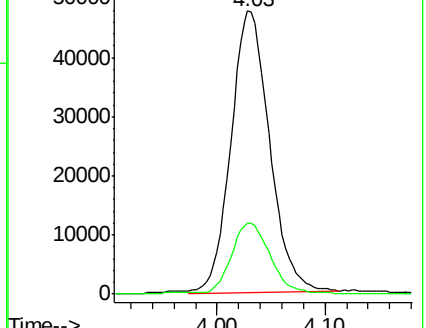
43 100

72 25.3 12.4 37.0



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

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



#23

Bromochloromethane

Concen: 49.37 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

Tgt Ion: 128 Resp: 36273

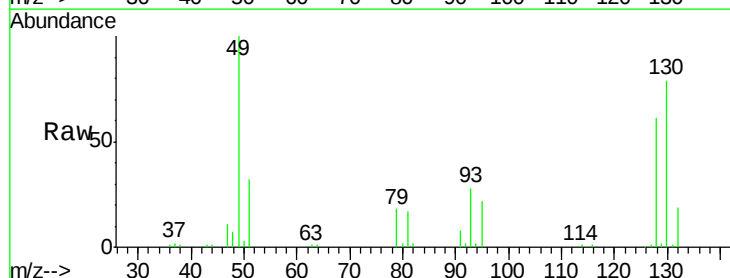
Ion Ratio Lower Upper

128 100

49 163.6 114.0 211.8

130 130.0 90.0 167.2

51 51.5 42.1 63.1

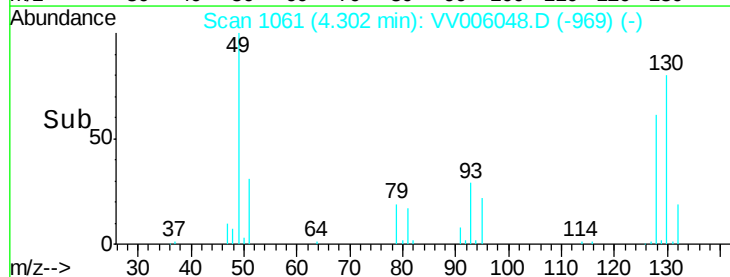
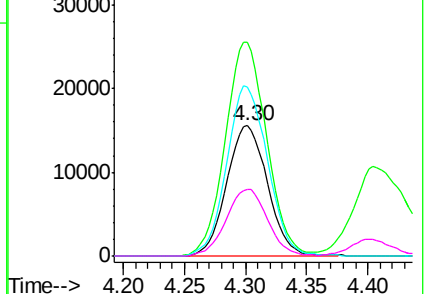


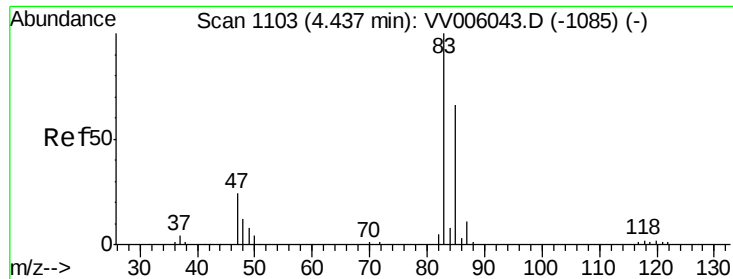
Abundance Ion 128.00 (127.70 to 128.70): VV006043.D (-1047) (-)

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

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

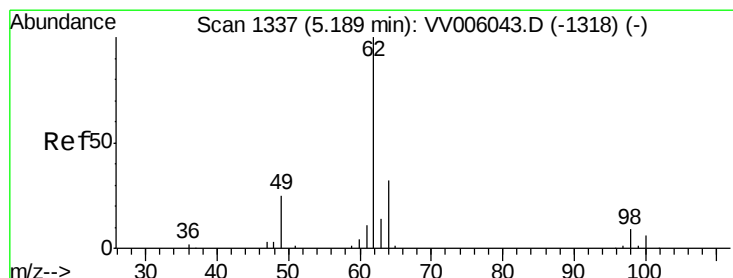
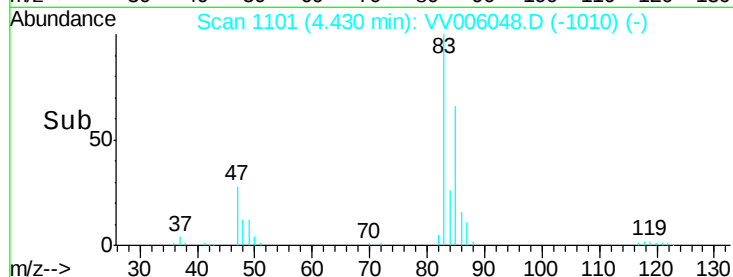
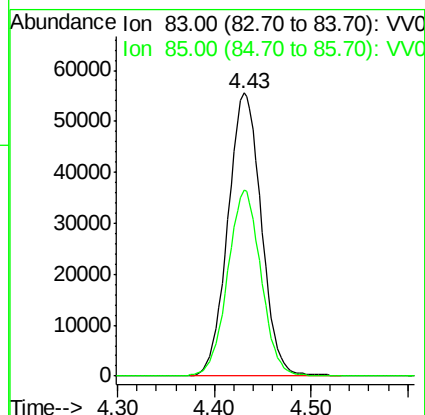
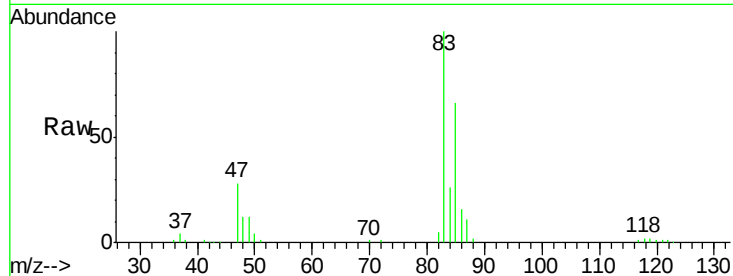
Ion 51.00 (50.70 to 51.70): VV006043.D (-1047) (-)





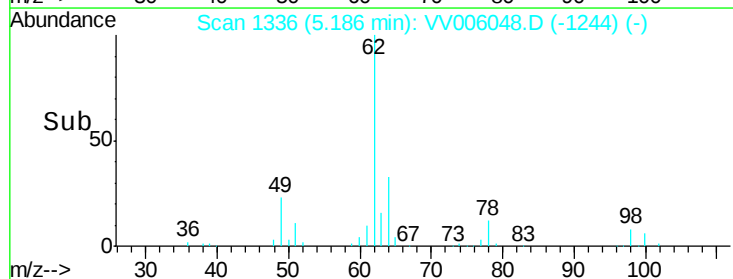
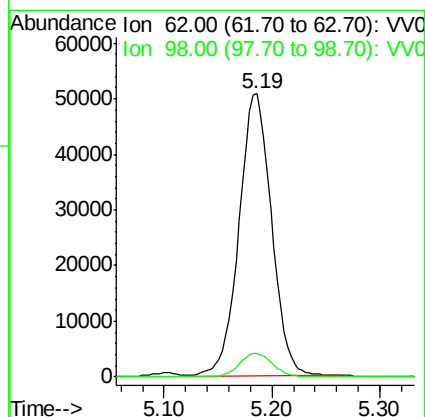
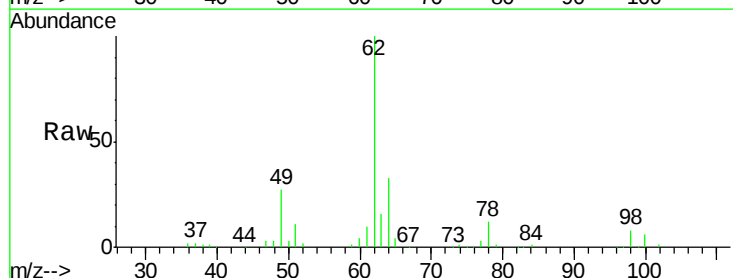
#25
Chloroform
Concen: 49.10 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

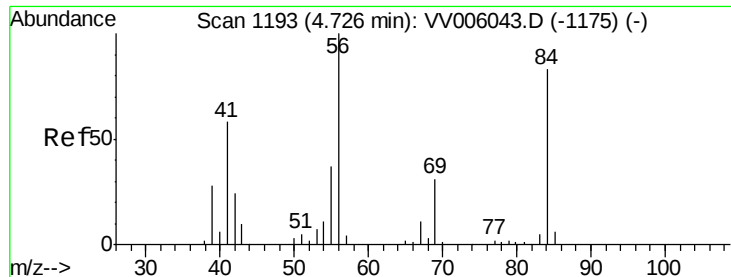
Tgt Ion: 83 Resp: 133291
Ion Ratio Lower Upper
83 100
85 65.9 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.49 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

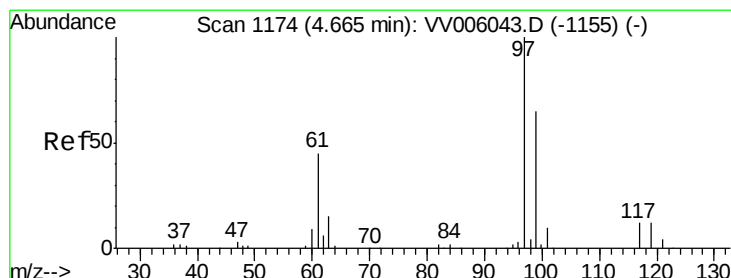
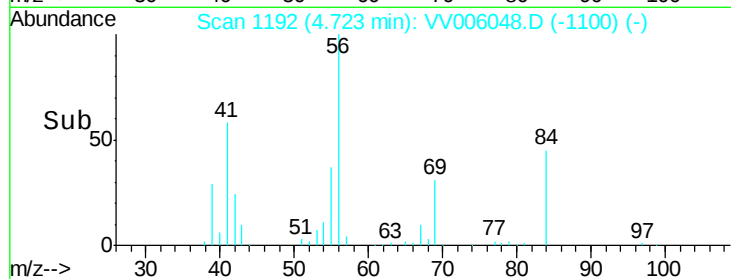
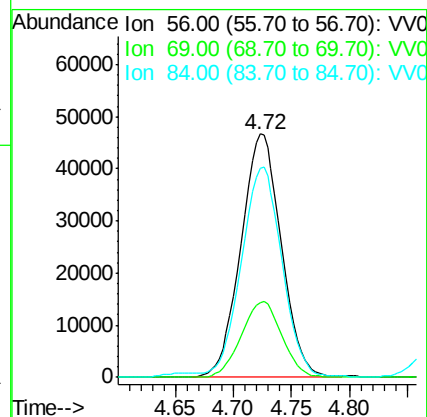
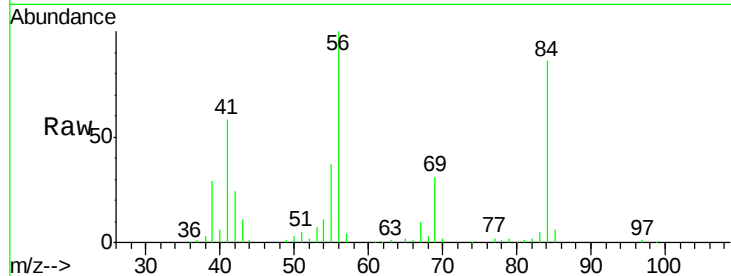
Tgt Ion: 62 Resp: 106934
Ion Ratio Lower Upper
62 100
98 8.3 7.3 10.9





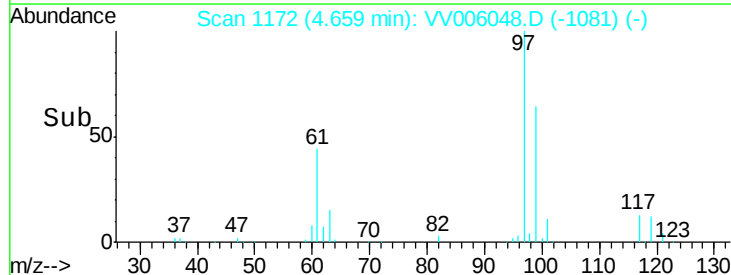
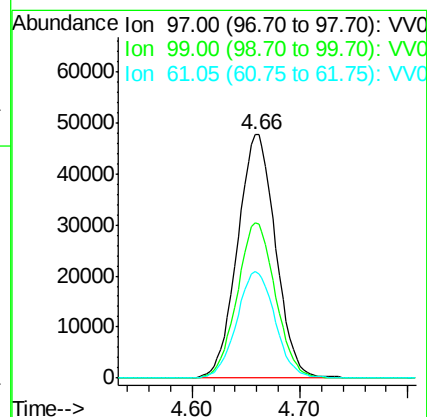
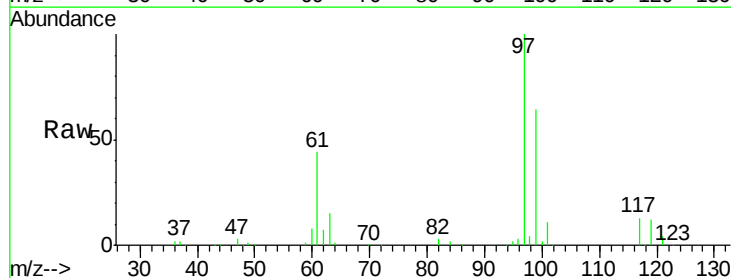
#29
Cyclohexane
Concen: 51.22 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

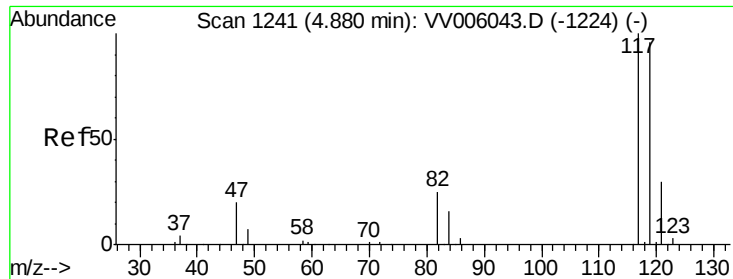
Tgt Ion: 56 Resp: 113003
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 86.7 70.3 105.5



#30
1,1,1-Trichloroethane
Concen: 49.57 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. -0.01 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

Tgt Ion: 97 Resp: 117176
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 44.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 51.11 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006048.D

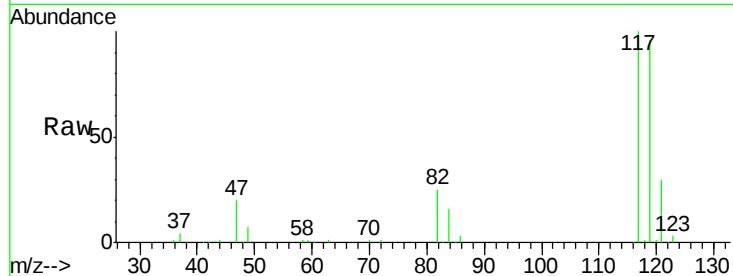
Acq: 26 May 2018 11:38

Tgt Ion: 117 Resp: 104348

Ion Ratio Lower Upper

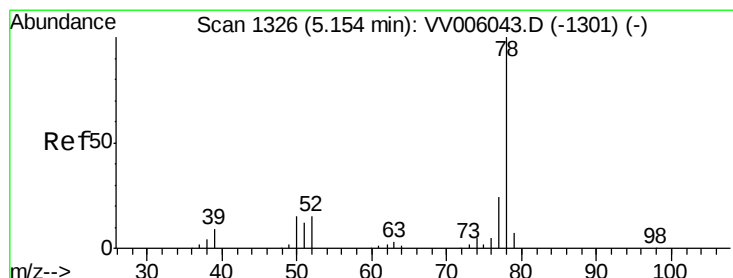
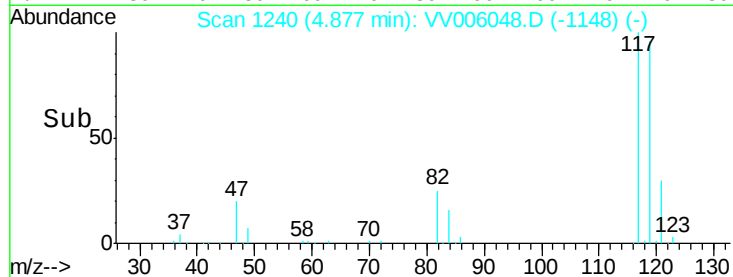
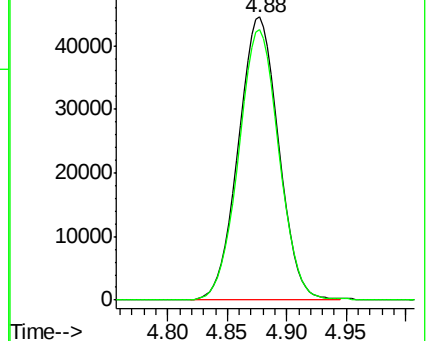
117 100

119 95.7 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: 50.28 ug/L

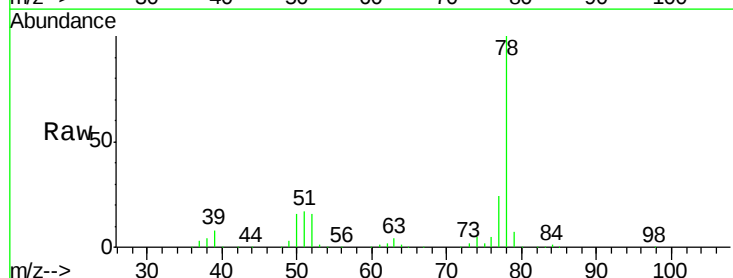
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

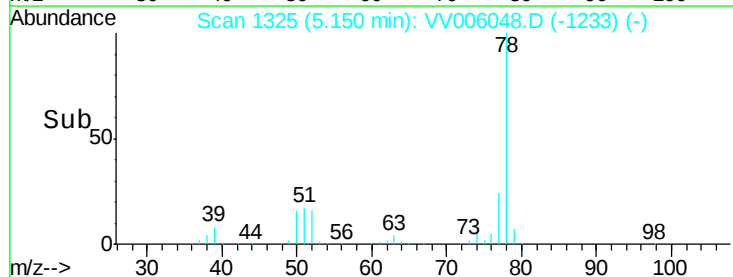
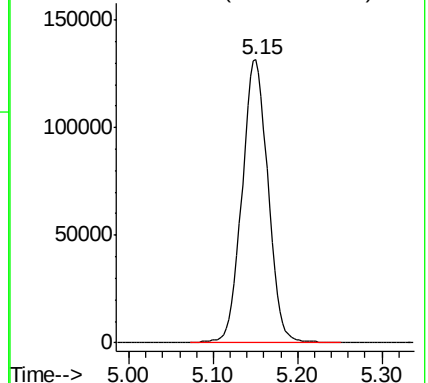
Lab File: VV006048.D

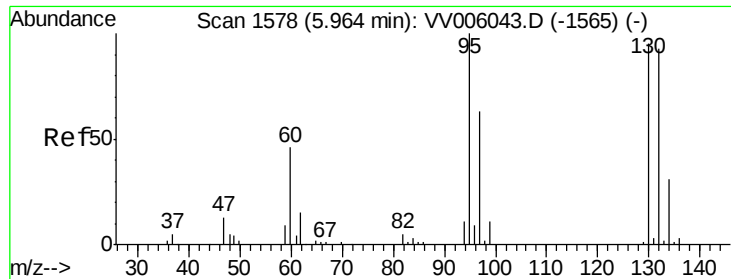
Acq: 26 May 2018 11:38

Tgt Ion: 78 Resp: 283658



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.47 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

Tgt Ion: 95 Resp: 71704

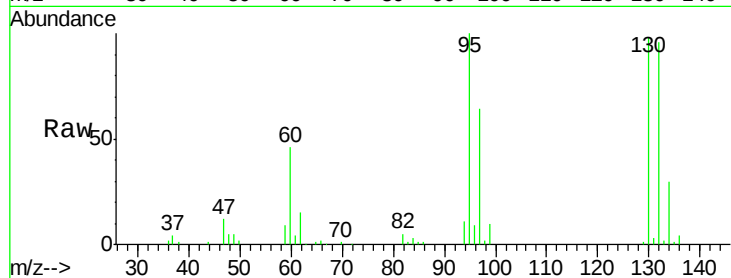
Ion Ratio Lower Upper

95 100

97 63.6 44.0 81.6

132 95.6 65.0 120.6

130 98.4 66.6 123.8

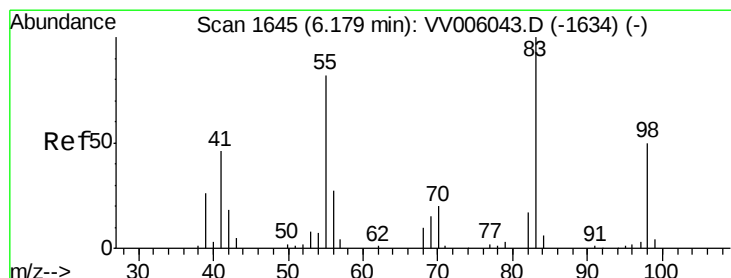
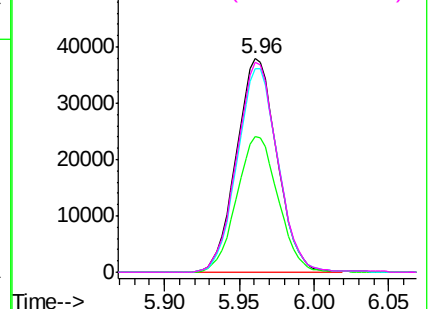
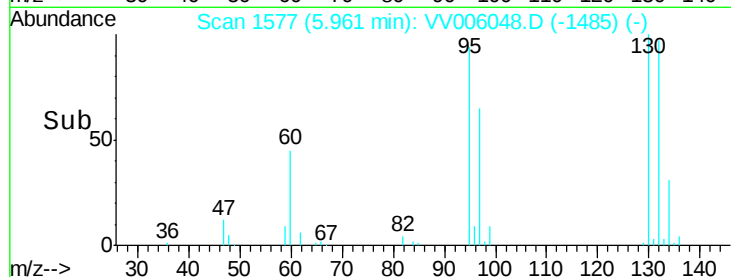


Abundance Ion 95.00 (94.70 to 95.70): VV006048.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VV006048.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VV006048.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VV006048.D (-1565) (-)



#35

Methylcyclohexane

Concen: 54.83 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

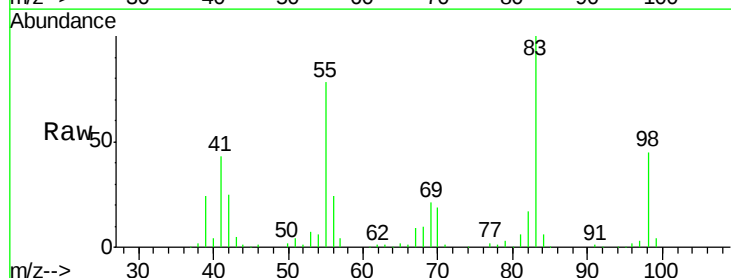
Tgt Ion: 83 Resp: 123753

Ion Ratio Lower Upper

83 100

55 78.9 63.1 94.7

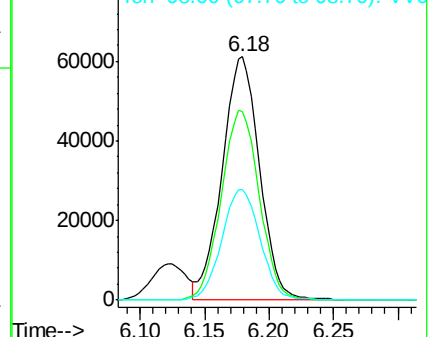
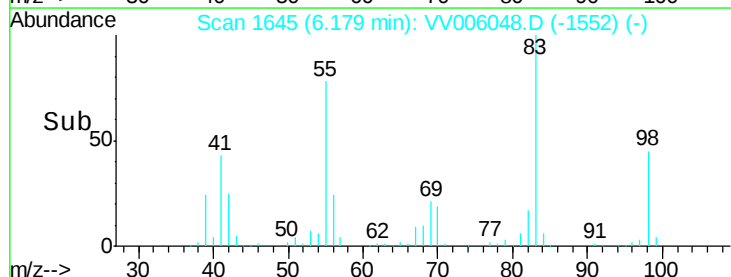
98 46.4 37.8 56.8

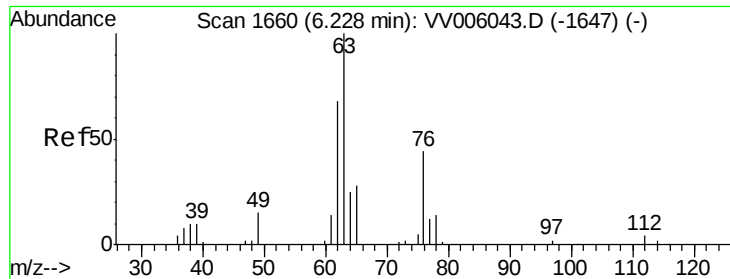


Abundance Ion 83.00 (82.70 to 83.70): VV006048.D (-1552) (-)

Ion 55.00 (54.70 to 55.70): VV006048.D (-1552) (-)

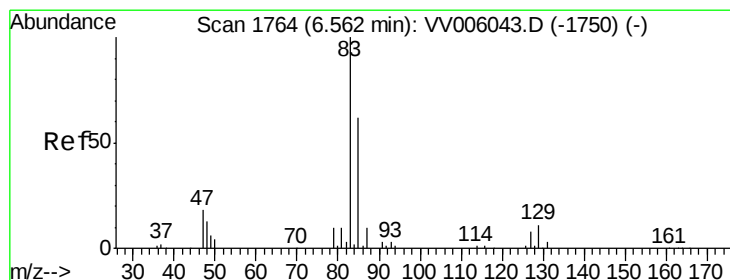
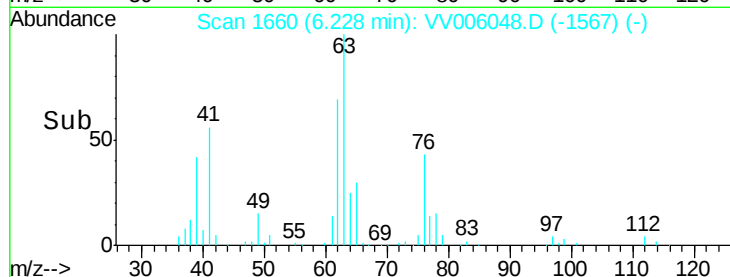
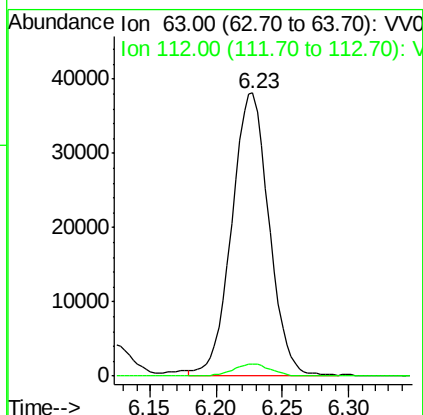
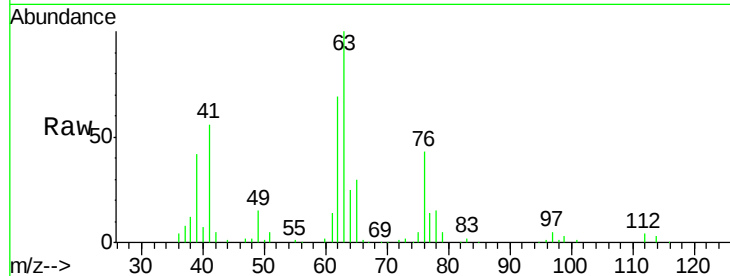
Ion 98.00 (97.70 to 98.70): VV006048.D (-1552) (-)





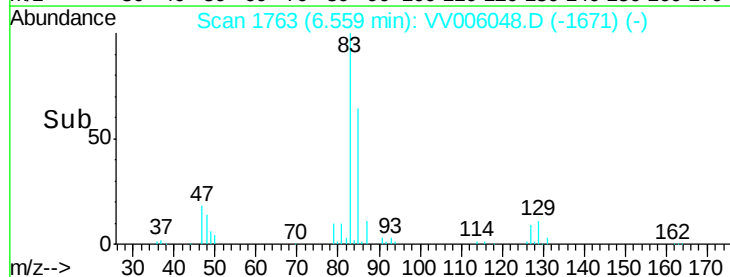
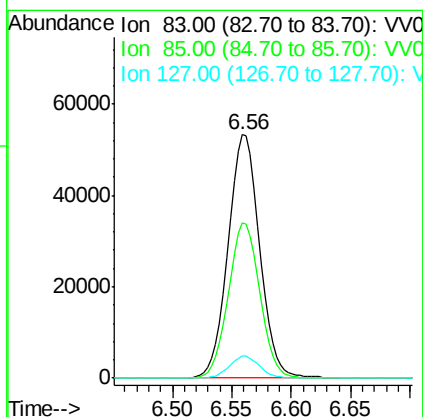
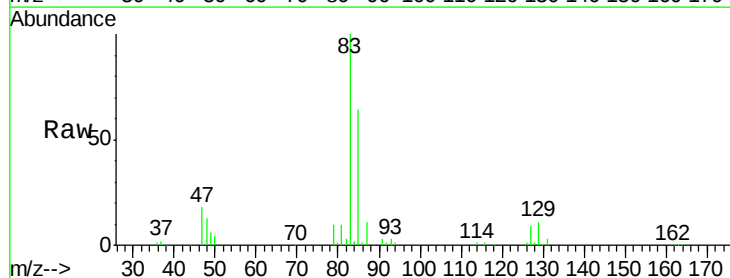
#37
 1,2-Dichloropropane
 Concen: 49.51 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

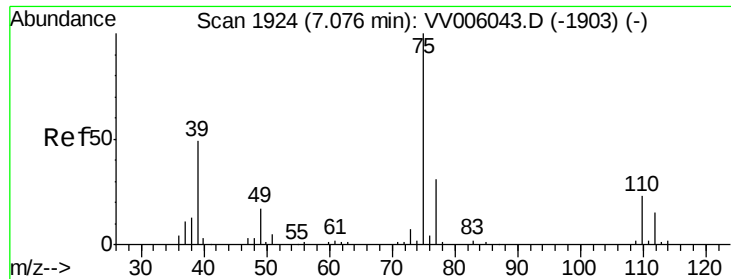
Tgt Ion: 63 Resp: 74766
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.4 5.2



#38
 Bromodichloromethane
 Concen: 50.19 ug/L
 RT: 6.56 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

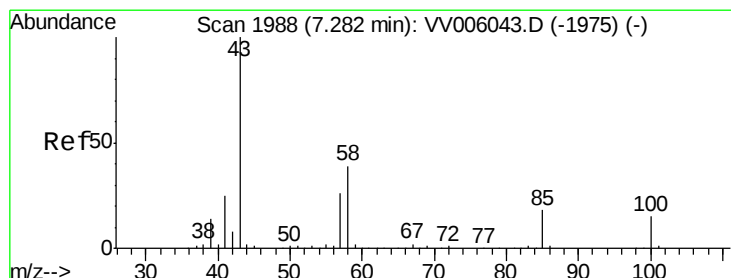
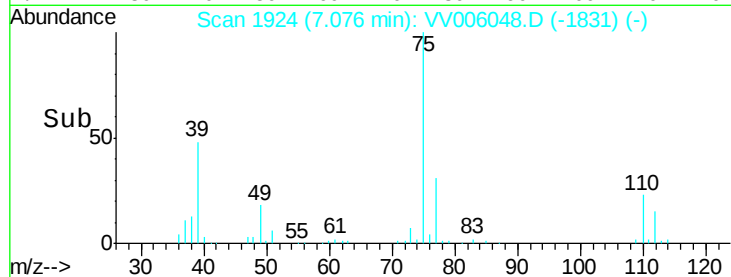
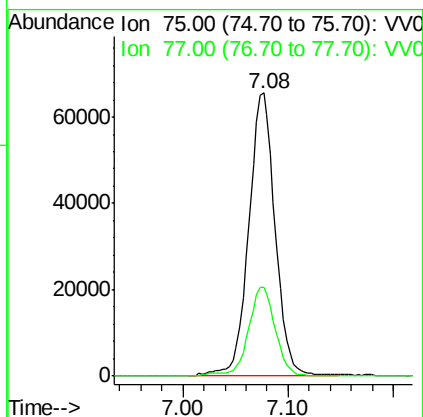
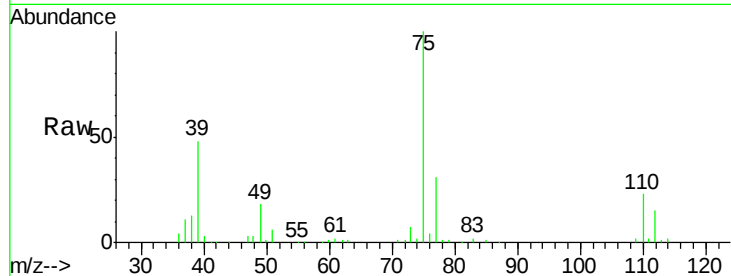
Tgt Ion: 83 Resp: 98146
 Ion Ratio Lower Upper
 83 100
 85 63.6 43.7 81.1
 127 8.9 6.6 10.0





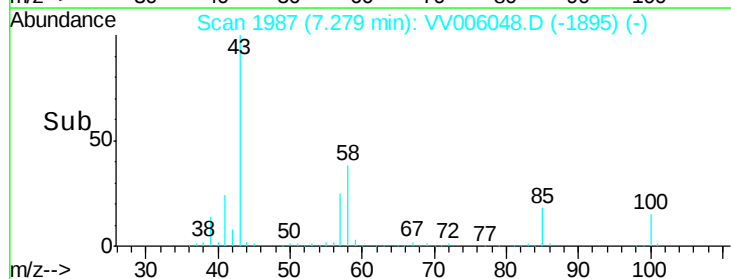
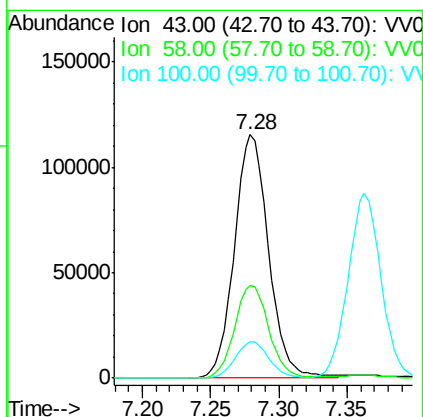
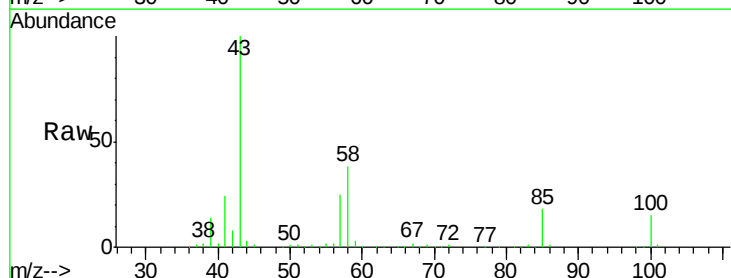
#39
 cis-1,3-Dichloropropene
 Concen: 51.69 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

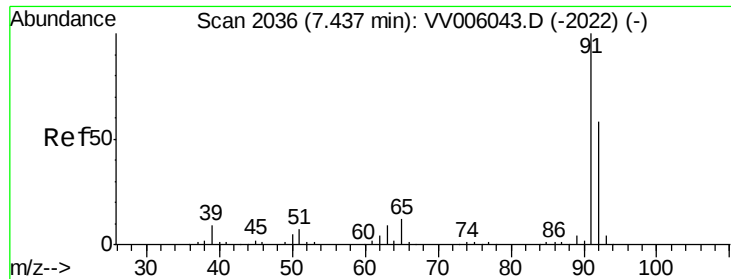
Tgt Ion: 75 Resp: 114869
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 100.42 ug/L
 RT: 7.28 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion: 43 Resp: 200902
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.7 46.1
 100 14.9 12.1 18.1





#42

Toluene

Concen: 51.14 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006048.D

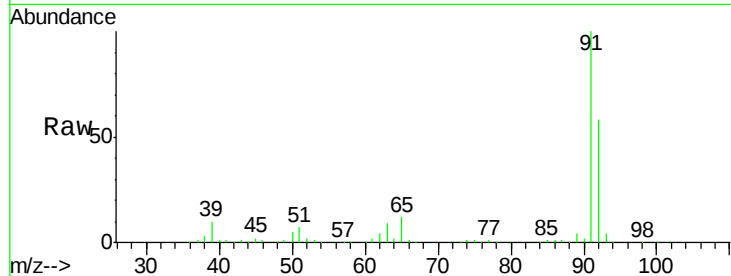
Acq: 26 May 2018 11:38

Tgt Ion: 91 Resp: 299655

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

200000

150000

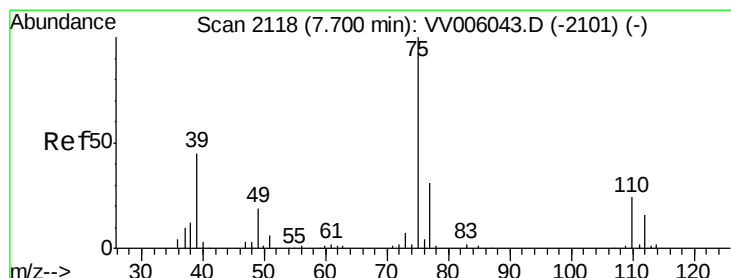
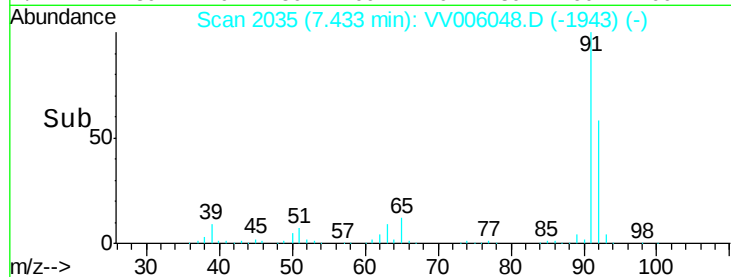
100000

50000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 51.98 ug/L

RT: 7.70 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VV006048.D

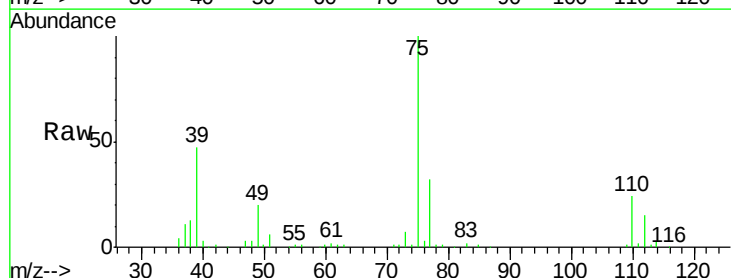
Acq: 26 May 2018 11:38

Tgt Ion: 75 Resp: 108832

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

60000

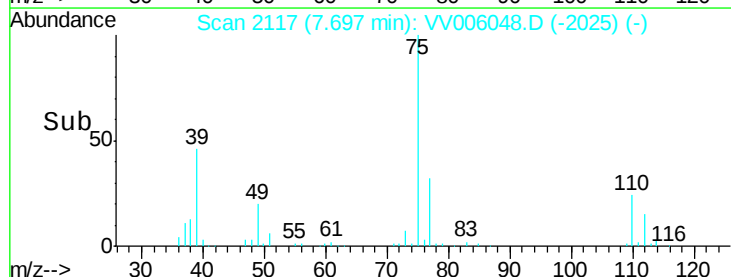
40000

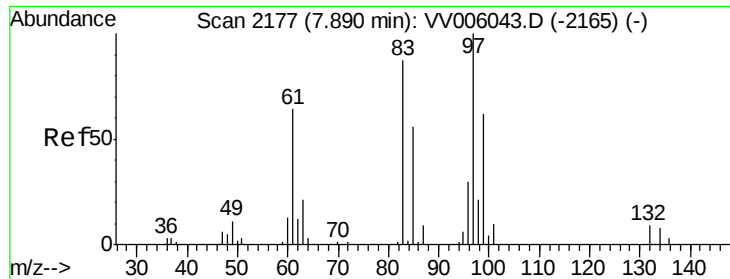
20000

0

7.60 7.70 7.80

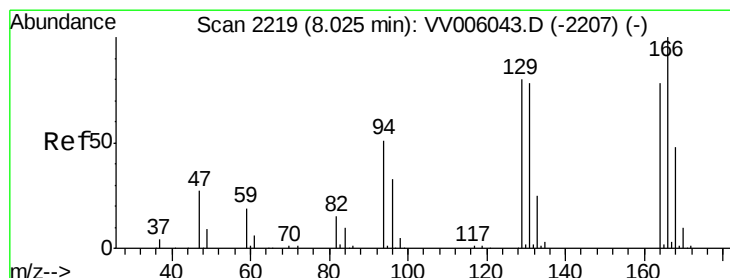
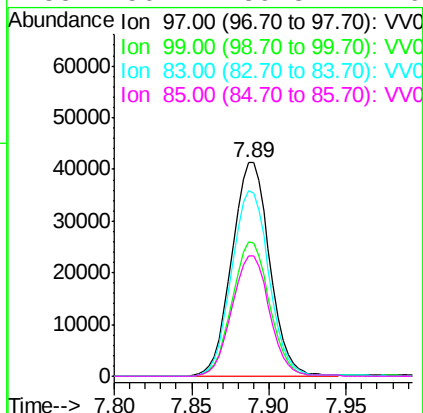
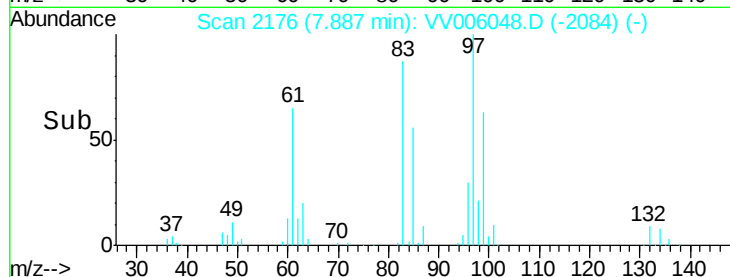
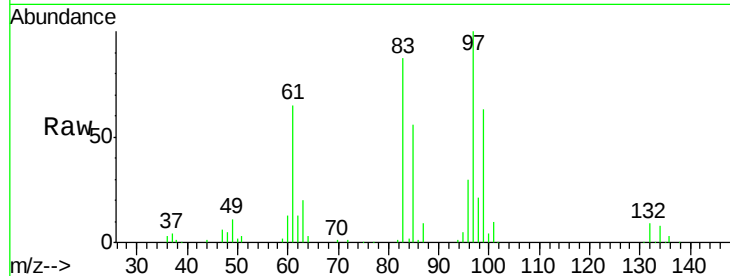
Time-->





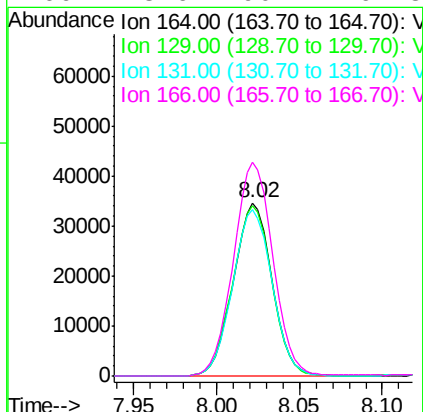
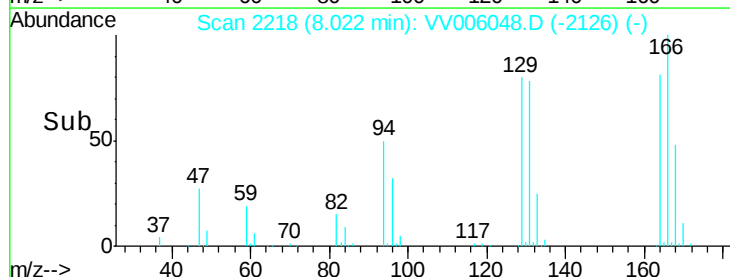
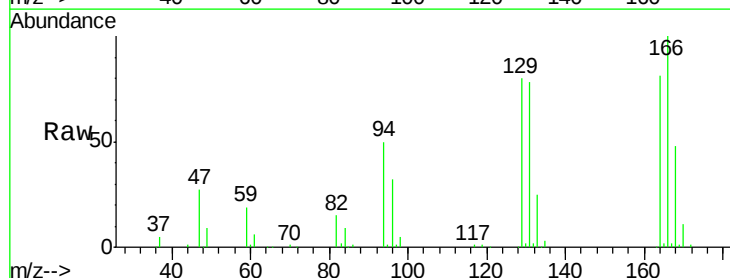
#45
 1,1,2-Trichloroethane
 Concen: 49.06 ug/L
 RT: 7.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

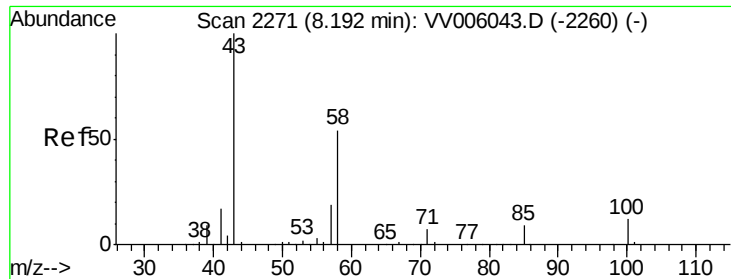
Tgt Ion:	97	Resp:	70430
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.6	81.0
83	87.0	60.7	112.7
85	56.1	39.3	72.9



#46
 Tetrachloroethene
 Concen: 51.71 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion:	164	Resp:	56333
Ion	Ratio	Lower	Upper
164	100		
129	98.7	72.2	134.2
131	96.1	70.0	130.0
166	123.6	90.4	167.8

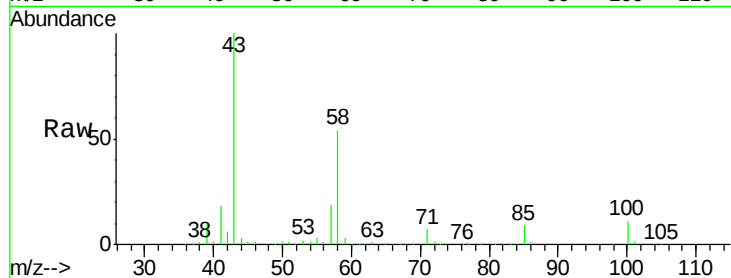




#48
2-Hexanone
Concen: 111.46 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

Tgt Ion: 43 Resp: 170421

Ion	Ratio	Lower	Upper
43	100		
58	53.0	45.4	68.2
57	19.0	15.9	23.9
100	11.3	9.8	14.6

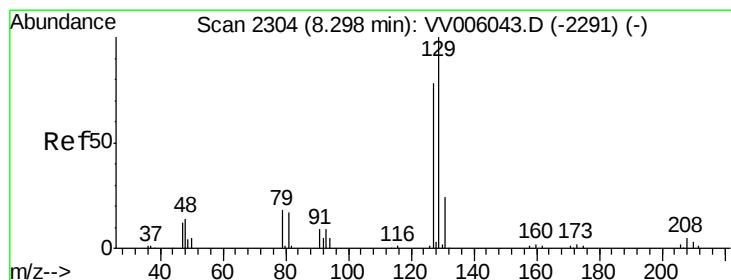
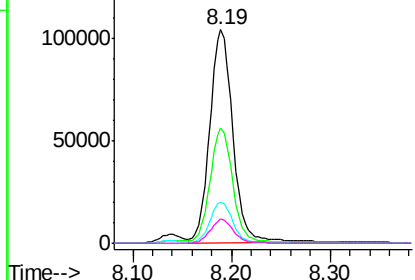
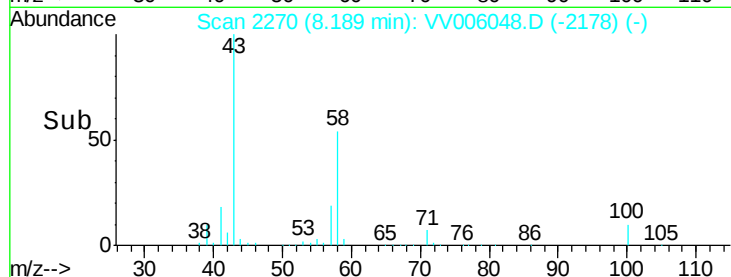


Abundance Ion 43.00 (42.70 to 43.70): VV006048.D (-2178) (-)

Ion 58.00 (57.70 to 58.70): VV006048.D (-2178) (-)

Ion 57.00 (56.70 to 57.70): VV006048.D (-2178) (-)

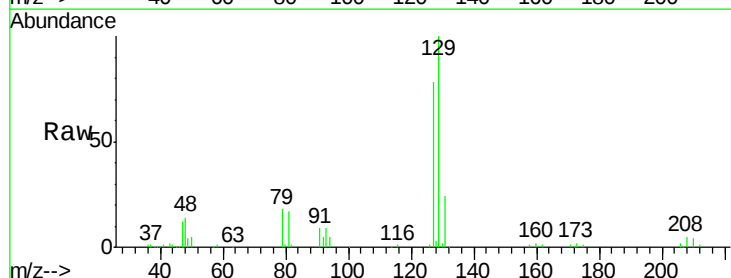
Ion 100.00 (99.70 to 100.70): VV006048.D (-2178) (-)



#49
Dibromochloromethane
Concen: 50.30 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

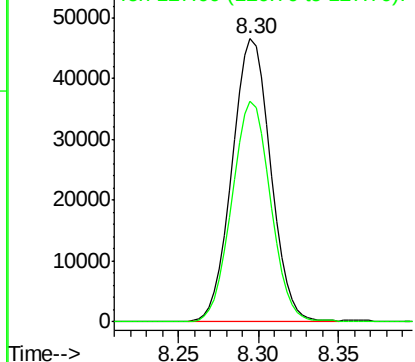
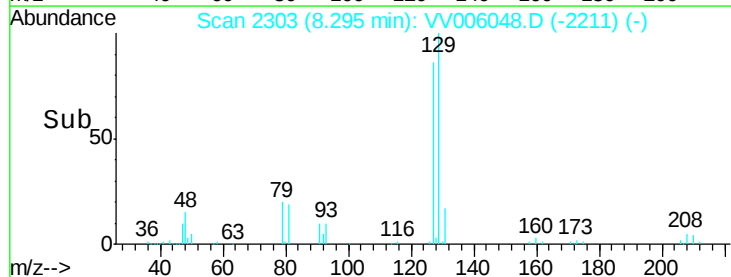
Tgt Ion: 129 Resp: 76615

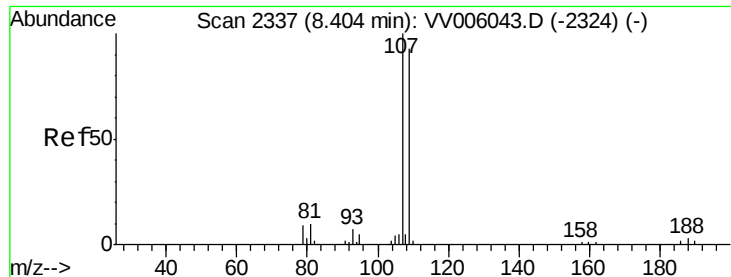
Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.8	101.8



Abundance Ion 129.00 (128.70 to 129.70): VV006048.D (-2211) (-)

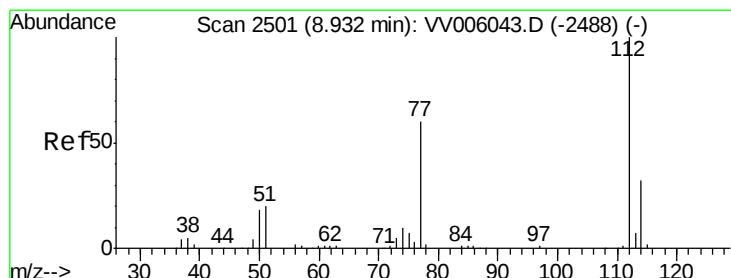
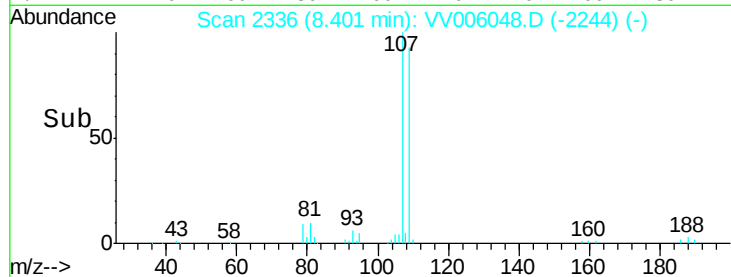
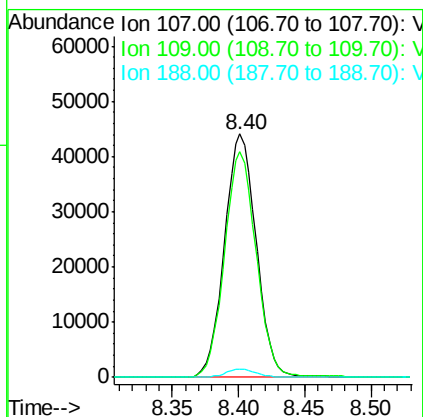
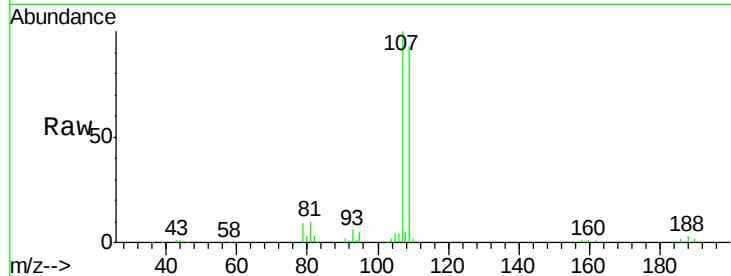
Ion 127.00 (126.70 to 127.70): VV006048.D (-2211) (-)





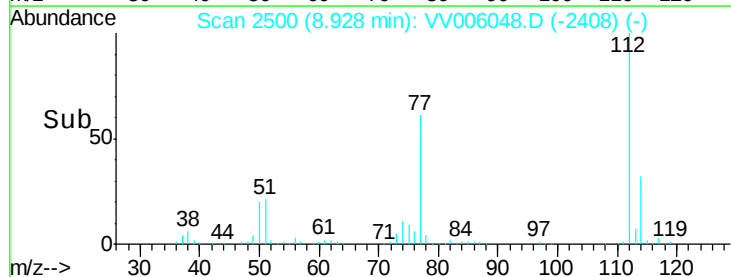
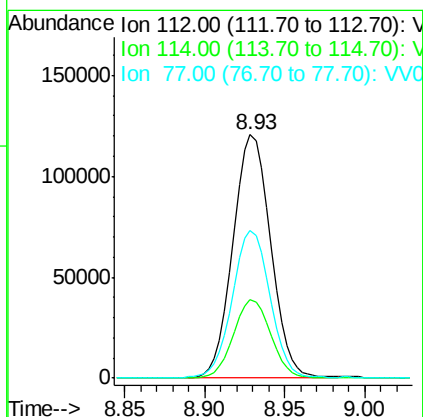
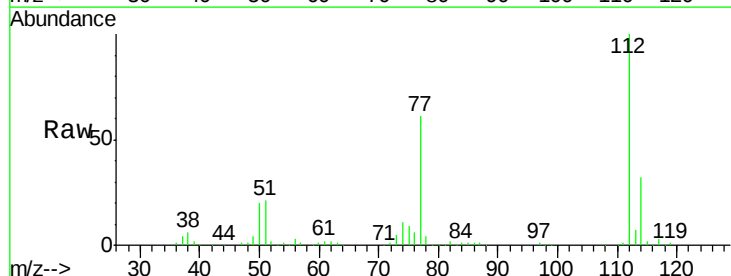
#50
 1,2-Dibromoethane
 Concen: 49.59 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

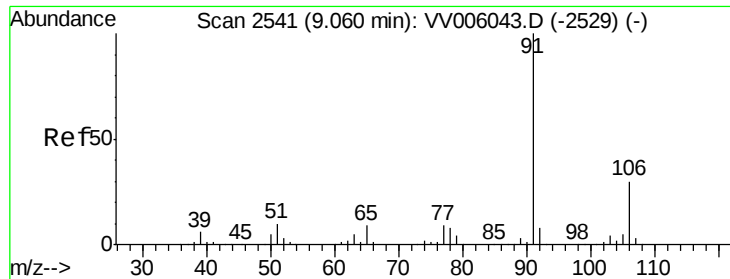
Tgt Ion:	107	Resp:	73407
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.8	120.4
188	3.3	2.8	4.2



#51
 Chlorobenzene
 Concen: 49.56 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion:	112	Resp:	194037
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.7	42.1
77	60.7	48.4	72.6





#52

Ethylbenzene

Concen: 52.38 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006048.D

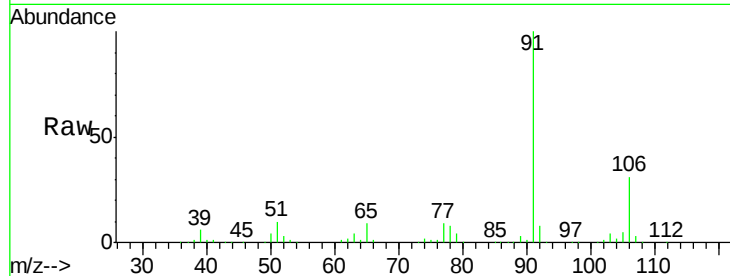
Acq: 26 May 2018 11:38

Tgt Ion: 91 Resp: 338182

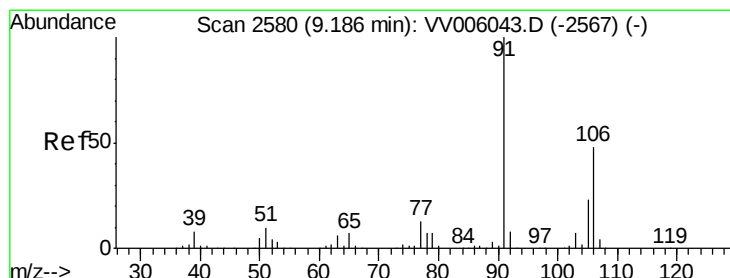
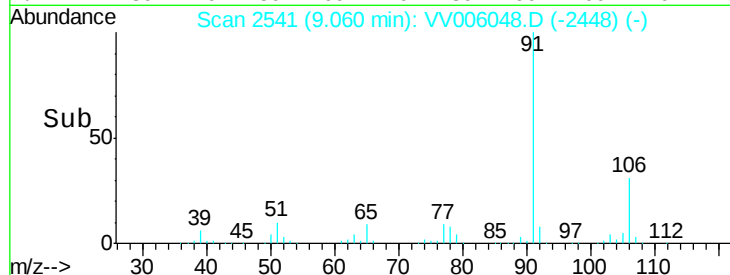
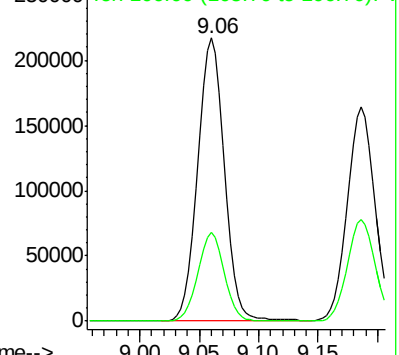
Ion Ratio Lower Upper

91 100

106 31.2 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2448) (-)



#53

m,p-Xylene

Concen: 52.68 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006048.D

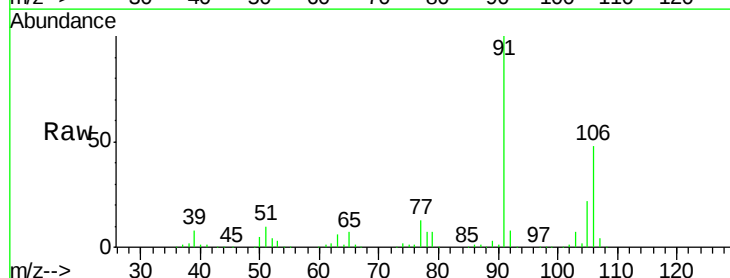
Acq: 26 May 2018 11:38

Tgt Ion: 106 Resp: 125534

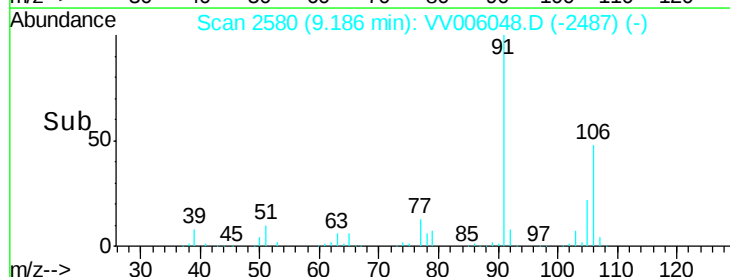
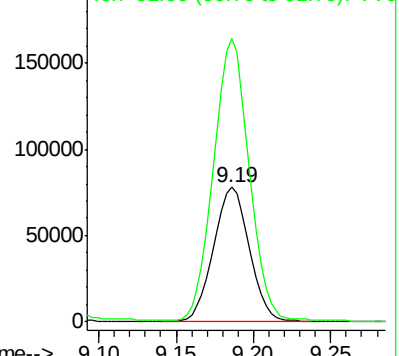
Ion Ratio Lower Upper

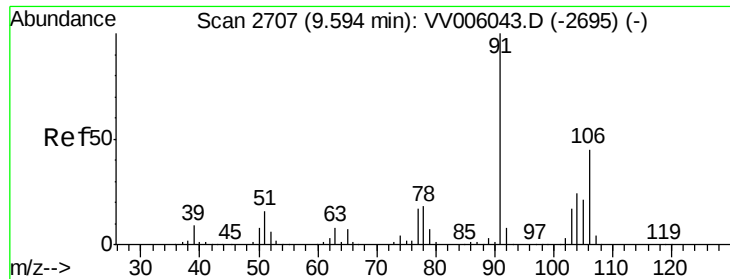
106 100

91 210.4 146.4 271.8



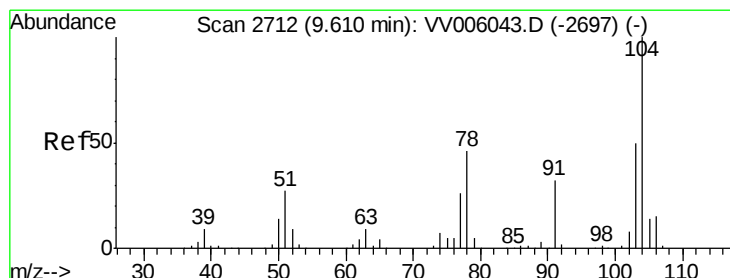
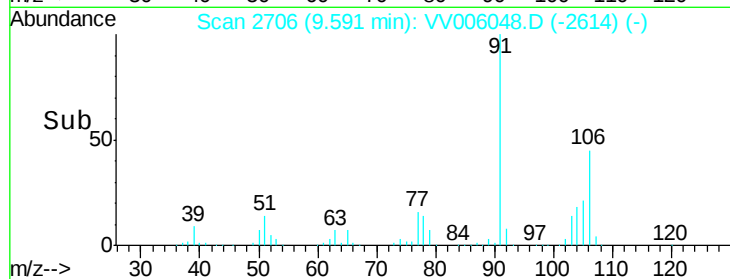
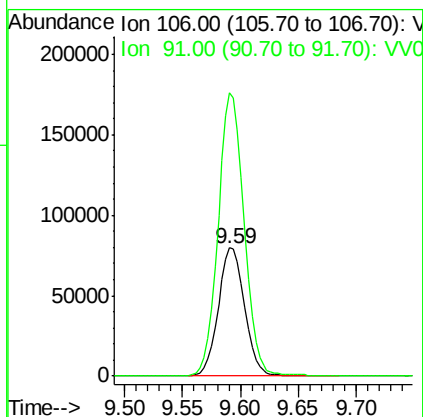
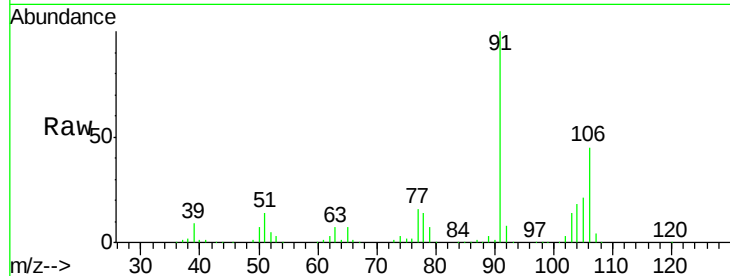
Abundance Ion 106.00 (105.70 to 106.70): VV006048.D (-2487) (-)





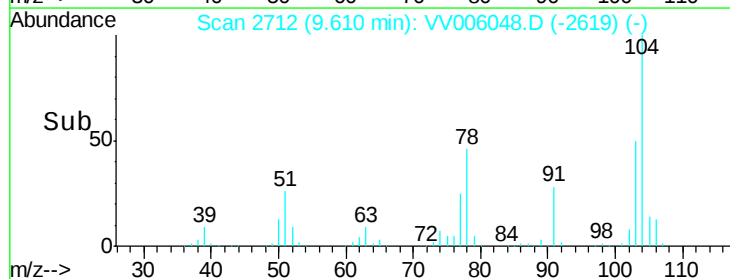
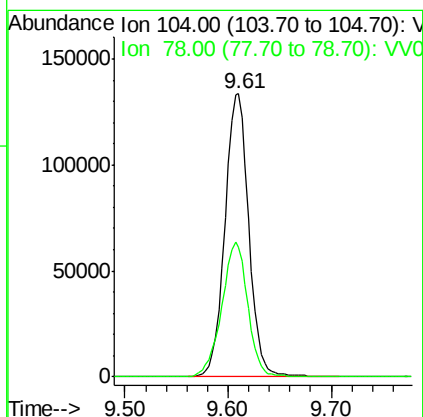
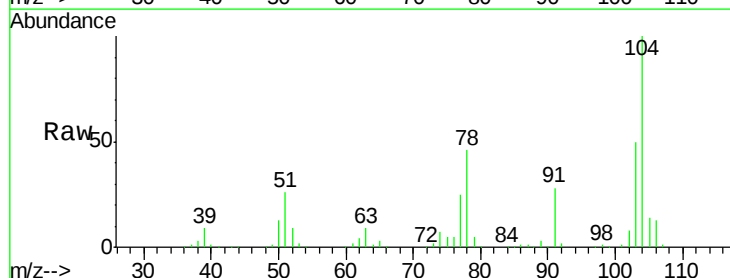
#54
o-xylene
Concen: 53.34 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

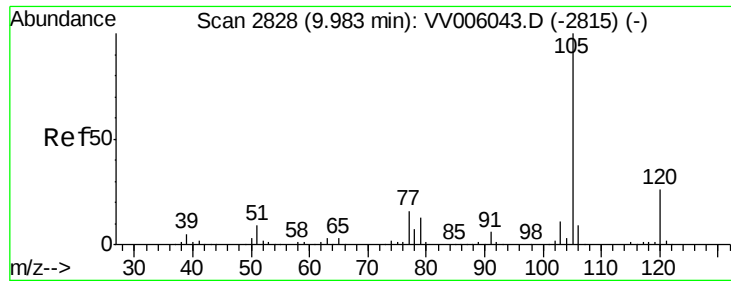
Tgt Ion:106 Resp: 125688
Ion Ratio Lower Upper
106 100
91 221.0 155.7 289.1



#55
Styrene
Concen: 53.49 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

Tgt Ion:104 Resp: 215690
Ion Ratio Lower Upper
104 100
78 45.9 32.3 60.1





#56

Isopropylbenzene

Concen: 53.41 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

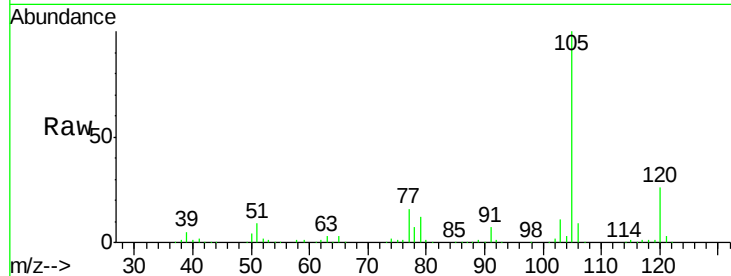
Tgt Ion: 105 Resp: 336188

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

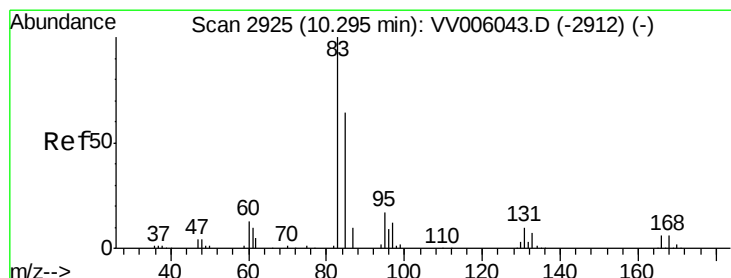
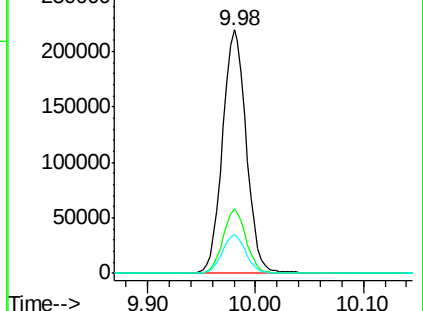
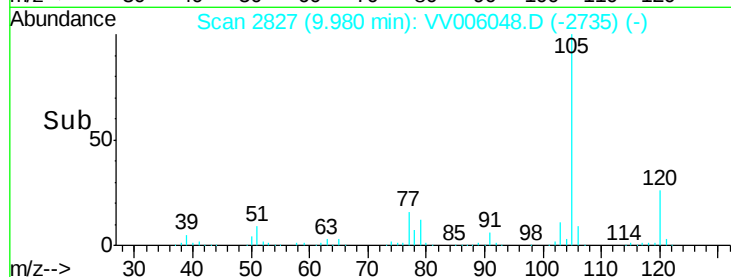
77 15.9 12.9 19.3



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: 49.59 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

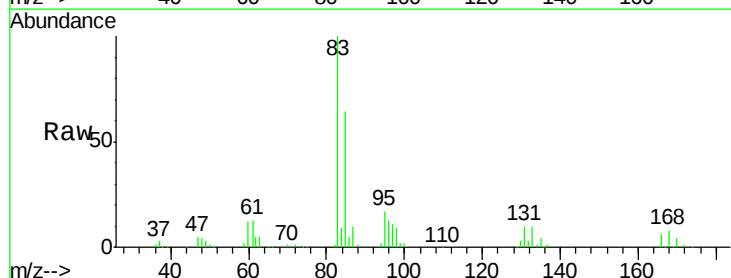
Tgt Ion: 83 Resp: 116751

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.2

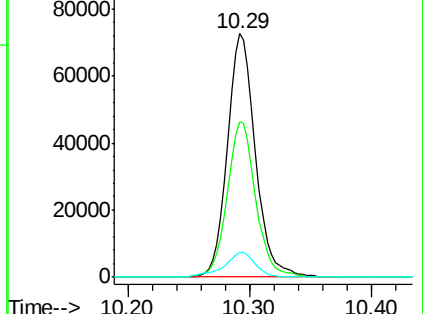
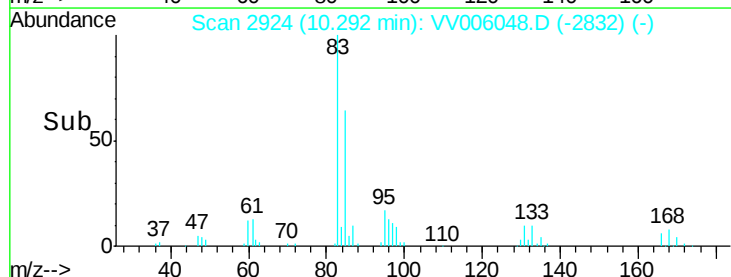
131 10.0 8.5 12.7

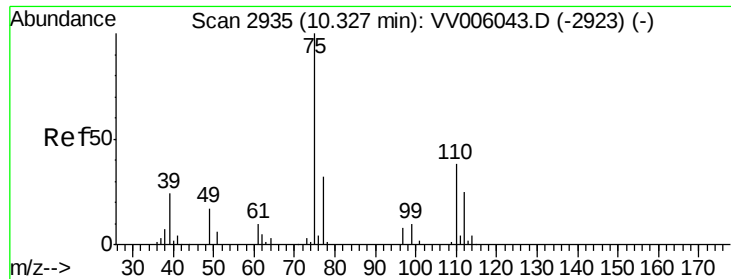


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

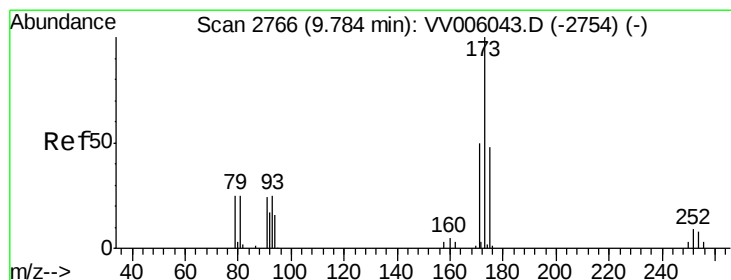
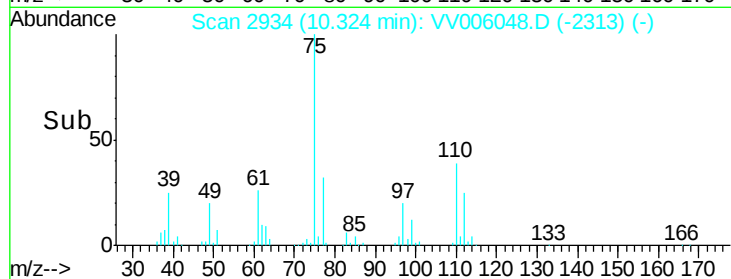
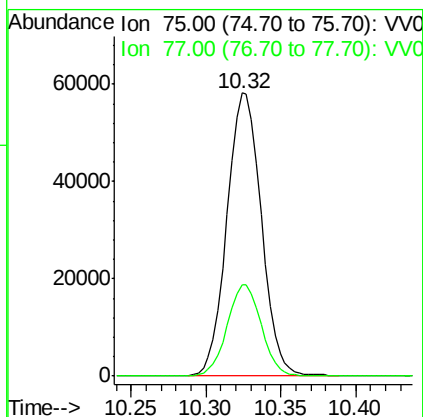
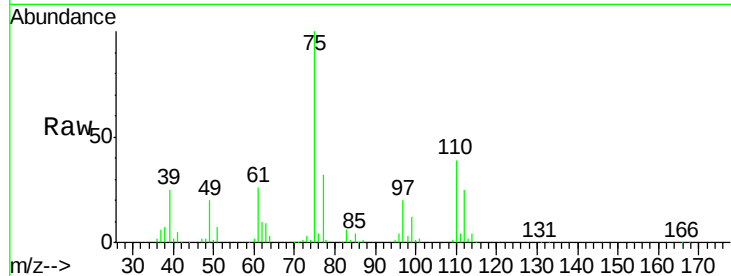
Ion 131.00 (130.70 to 131.70): V





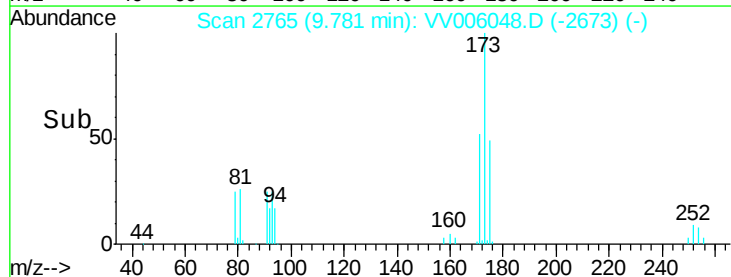
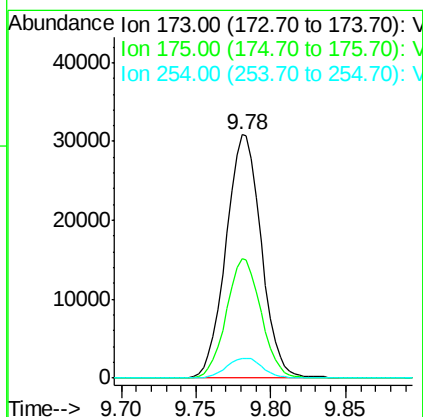
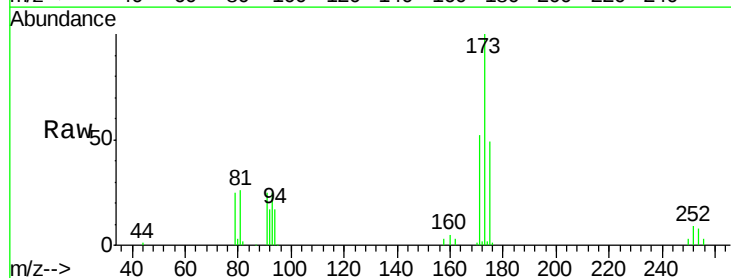
#59
1,2,3-Trichloropropane
Concen: 48.63 ug/L
RT: 10.32 min Scan# 2934
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

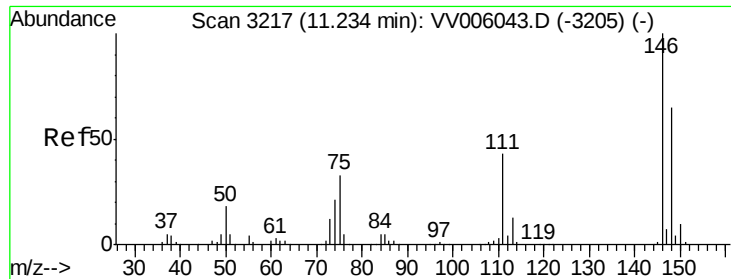
Tgt Ion: 75 Resp: 93595
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6



#61
Bromoform
Concen: 49.26 ug/L
RT: 9.78 min Scan# 2765
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

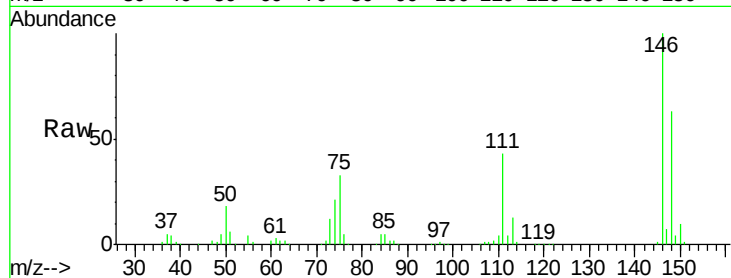
Tgt Ion: 173 Resp: 50740
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 8.2 6.3 9.5



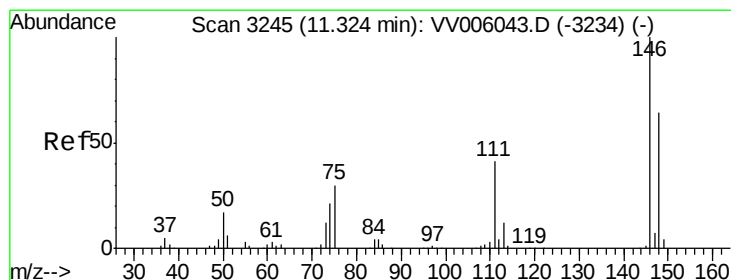
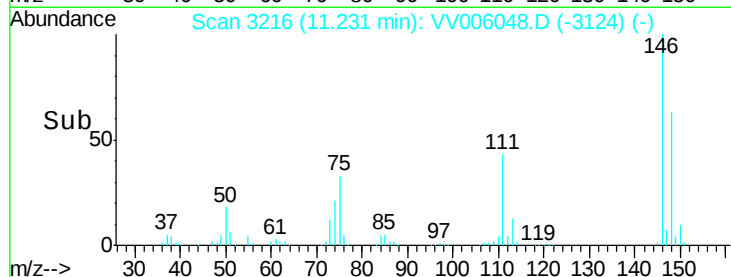
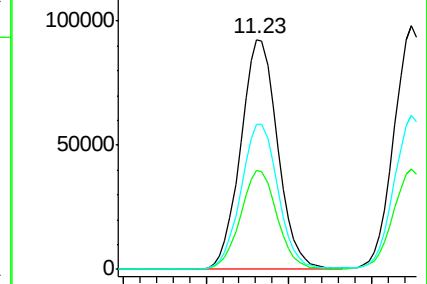


#62
 1,3-Dichlorobenzene
 Concen: 50.48 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	29.8	55.3
148	63.1	45.4	84.4

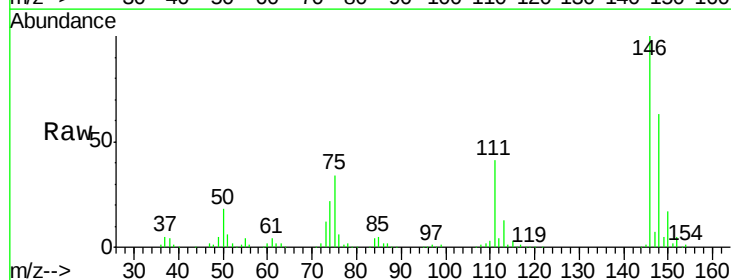


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

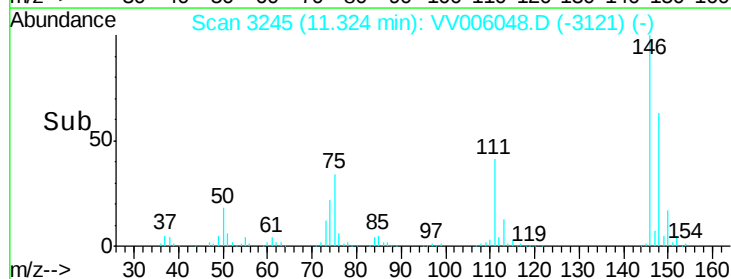
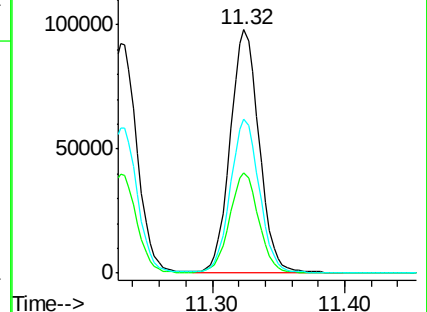


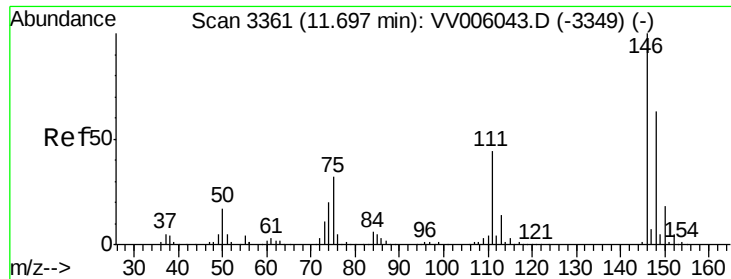
#63
 1,4-Dichlorobenzene
 Concen: 50.09 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	28.8	53.4
148	63.3	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: 49.99 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

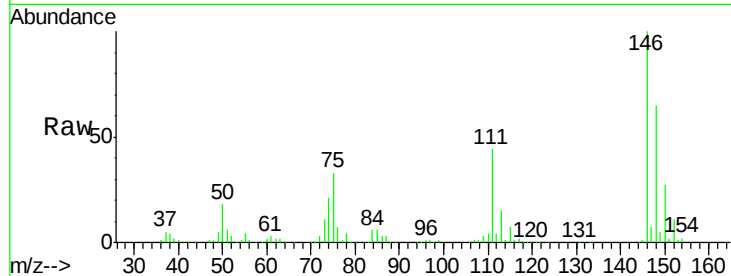
Tgt Ion: 146 Resp: 152787

Ion Ratio Lower Upper

146 100

111 44.5 35.3 52.9

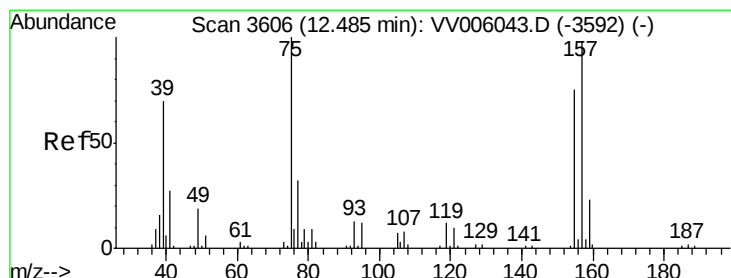
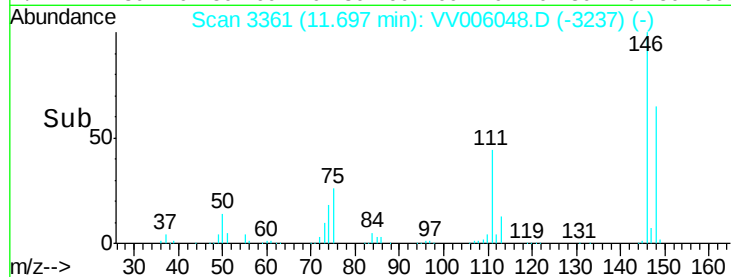
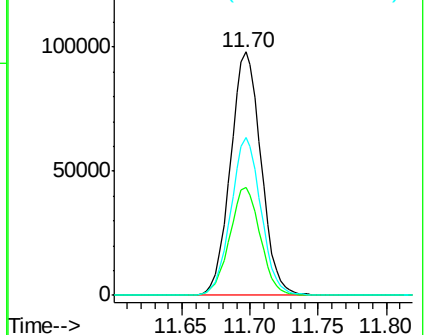
148 64.6 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 47.45 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV006048.D

Acq: 26 May 2018 11:38

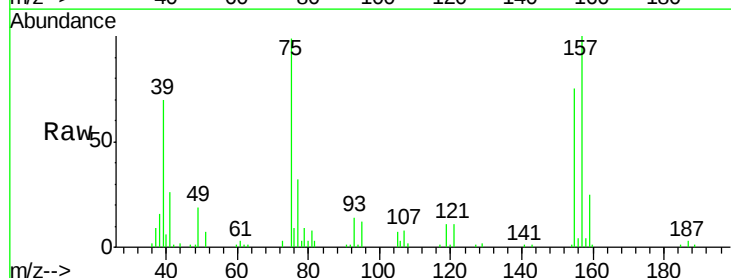
Tgt Ion: 75 Resp: 24196

Ion Ratio Lower Upper

75 100

155 75.8 60.1 90.1

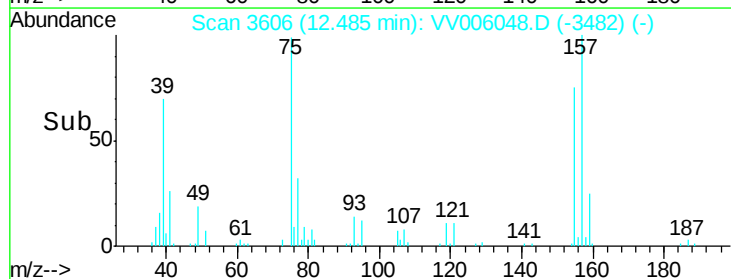
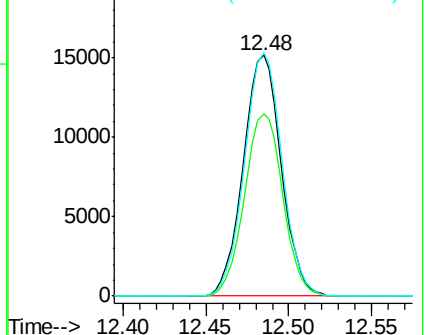
157 101.2 78.4 117.6

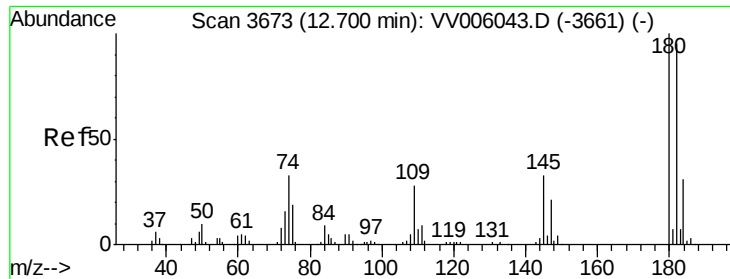


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

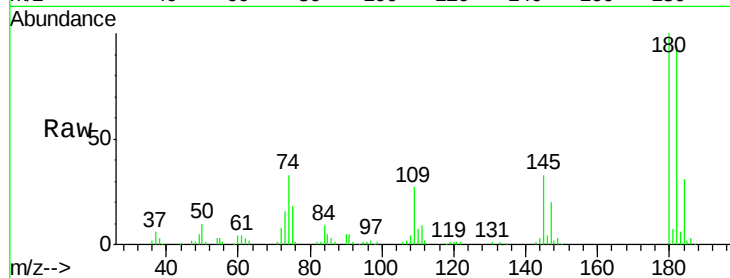
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 53.26 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.7	113.5
184	30.5	24.3	36.5
145	32.5	25.8	38.6

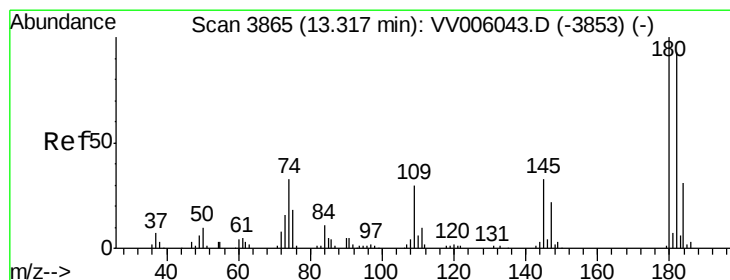
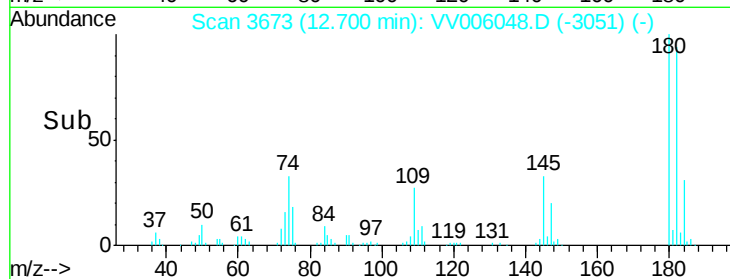
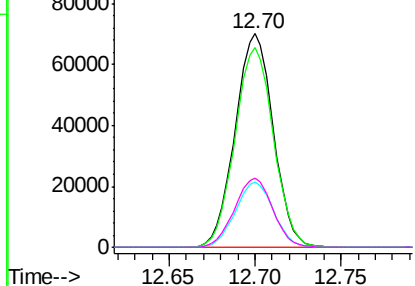


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

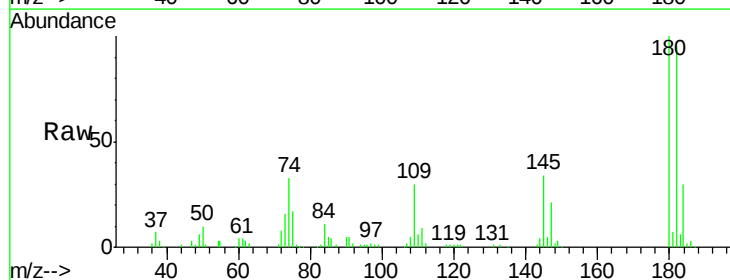
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 53.06 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006048.D
 Acq: 26 May 2018 11:38

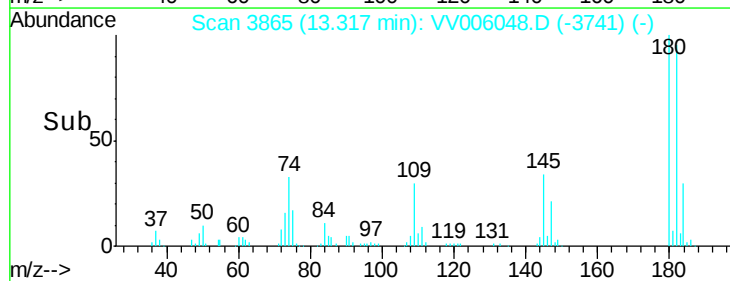
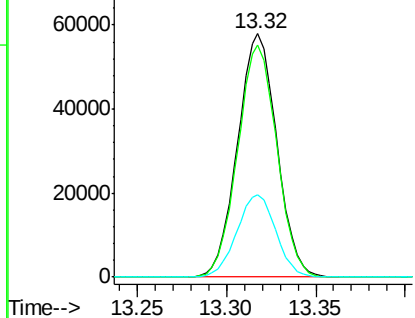
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.9	112.3
145	33.7	26.3	39.5

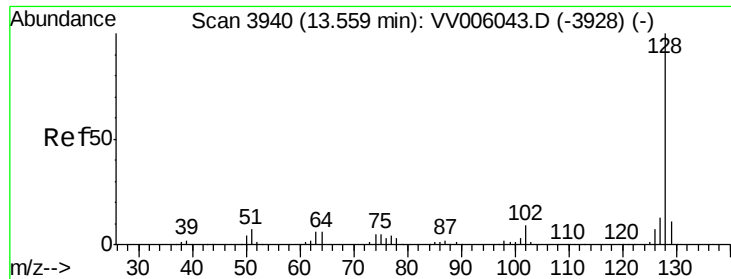


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

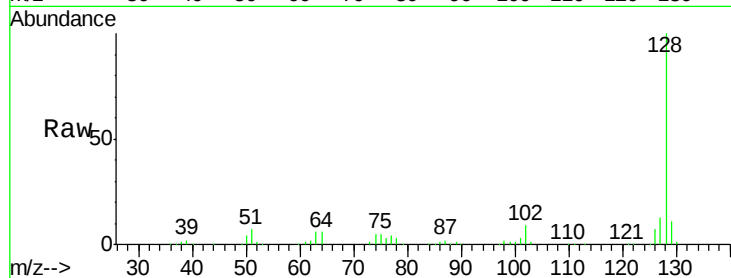
Ion 145.00 (144.70 to 145.70): V



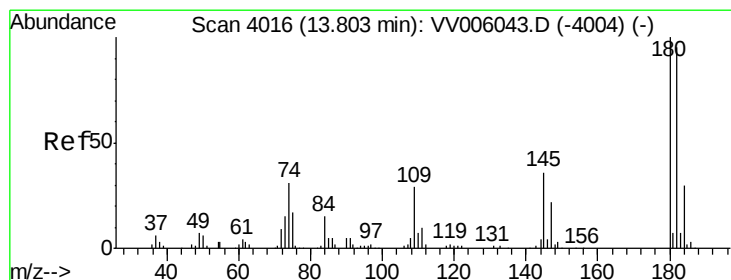
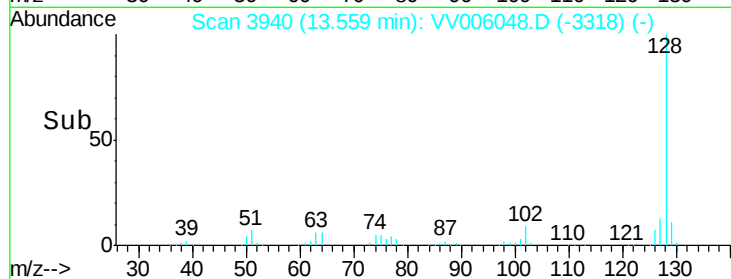
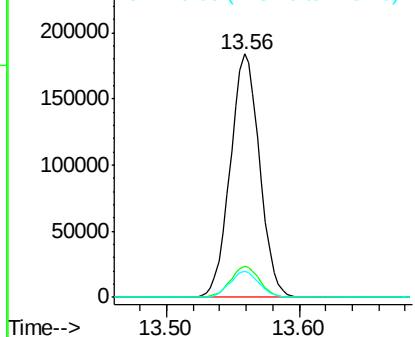


#69
Naphthalene
Concen: 53.88 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2

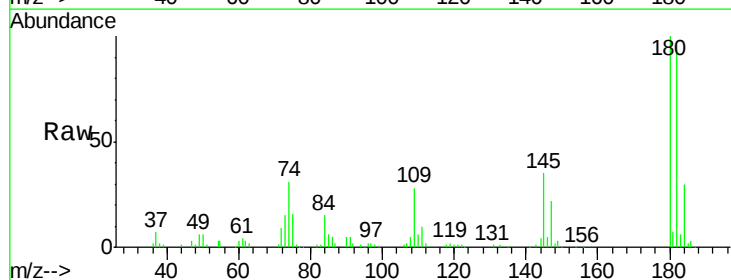


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#70
1,2,3-Trichlorobenzene
Concen: 52.65 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. -0.00 min
Lab File: VV006048.D
Acq: 26 May 2018 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	34.9	28.6	42.8



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

