

Data File : VV006070.D
Acq On : 26 May 2018 21:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 02:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	176739	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58905	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.55	69	12179	13.95	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.90%#
11) 1,1-Dichloroethene-d2	2.12	63	114404	49.79	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.58%
21) 2-Butanone-d5	3.96	46	59758	84.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.52%
24) Chloroform-d	4.41	84	116286	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	5.09	65	75089	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.10	84	226967	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
36) 1,2-Dichloropropane-d6	6.12	67	70088	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.82%
41) Toluene-d8	7.36	98	211782	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	7.67	79	31453	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.15	63	59004	105.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103470	53.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	83006	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	74453	47.50	ug/L	# 82
3) Chloromethane	1.26	50	69417	40.81	ug/L	100
5) Vinyl chloride	1.32	62	72337	48.08	ug/L	98
6) Bromomethane	1.51	94	15477	23.29	ug/L	98
8) Chloroethane	1.57	64	10912	12.68	ug/L	96
9) Trichlorofluoromethane	1.74	101	100717	48.08	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	58739	49.93	ug/L	99
12) 1,1-Dichloroethene	2.13	96	52842	48.66	ug/L	98
13) Acetone	2.20	43	61263	84.21	ug/L	98
14) Carbon disulfide	2.31	76	145880	45.12	ug/L	99
15) Methyl Acetate	2.46	43	71983	47.15	ug/L	99
16) Methylene chloride	2.53	84	60469	46.52	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	55830	47.90	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	192167	48.79	ug/L	99
19) 1,1-Dichloroethane	3.22	63	117250	48.83	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	66664	47.57	ug/L	98
22) 2-Butanone	4.04	43	101934	97.47	ug/L	98

Data File : VV006070.D
Acq On : 26 May 2018 21:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 02:09:04 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33367	48.88	ug/L	98
25) Chloroform	4.43	83	121439	48.15	ug/L	99
27) 1,2-Dichloroethane	5.19	62	99447	48.54	ug/L	99
29) Cyclohexane	4.72	56	99966	48.47	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	104736	47.40	ug/L	99
31) Carbon tetrachloride	4.87	117	91101	47.73	ug/L	99
33) Benzene	5.15	78	259193	49.15	ug/L	100
34) Trichloroethene	5.96	95	66965	49.41	ug/L	98
35) Methylcyclohexane	6.18	83	105354	49.92	ug/L	99
37) 1,2-Dichloropropane	6.23	63	68218	48.32	ug/L	99
38) Bromodichloromethane	6.56	83	85430	46.73	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	96740	46.56	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	187159	100.06	ug/L	99
42) Toluene	7.44	91	273710	49.96	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	90740	46.35	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	65573	48.85	ug/L	100
46) Tetrachloroethene	8.02	164	49466	48.56	ug/L	99
48) 2-Hexanone	8.20	43	150939	105.59	ug/L	96
49) Dibromochloromethane	8.30	129	68713	48.25	ug/L	98
50) 1,2-Dibromoethane	8.40	107	66358	47.95	ug/L	98
51) Chlorobenzene	8.93	112	175867	48.04	ug/L	99
52) Ethylbenzene	9.06	91	297175	49.23	ug/L	99
53) m,p-Xylene	9.19	106	113454	50.92	ug/L	97
54) o-xylene	9.59	106	113054	51.32	ug/L	98
55) Styrene	9.61	104	197165	52.30	ug/L	99
56) Isopropylbenzene	9.98	105	297789	50.61	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	112600	51.15	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	90401	50.24	ug/L	100
61) Bromoform	9.78	173	45183	46.10	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	129671	47.92	ug/L	97
63) 1,4-Dichlorobenzene	11.33	146	136375	48.09	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	145154	49.92	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21865	45.06	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	93348	48.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	75591	47.64	ug/L	99
69) Naphthalene	13.56	128	245569	49.33	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	85898	49.28	ug/L	99

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

Abundance

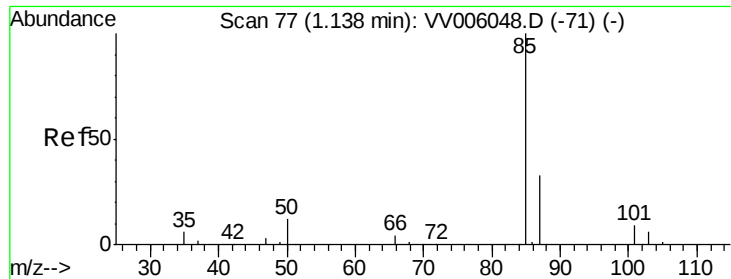
TIC: VV006070.D

Time-->

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Chloroethane, T
Dichlorofluoromethane, T
Chloromethane, T
Chloroethane, T
Acetone, T
Carbon disulfide, T
Methyl acetate, T
trans-1,2-Dichloroethane, T
1,1-Dichloroethane, T
2-Butanone, T
1,2-Dichloroethane, T
Bromochloromethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, T
Trichloroethene, T
1,2-Dichloropropane, T
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,2-Dichloropropane, T
Hexanone, T
1,2-Dibromodichloromethane, T
Chlorobenzene, T
m,p-Xylene, T
Ethylbenzene, T
Styrene, T
Isopropylbenzene, T
Bromoforn, T
1,2,3-Trichloropropane, T
1,2,4-Trichlorobenzene, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,3,5-Trichlorobenzene, T
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T



#2

Dichlorodifluoromethane

Concen: 47.50 ug/L

RT: 1.13 min Scan# 76

Delta R.T. -0.00 min

Lab File: VV006070.D

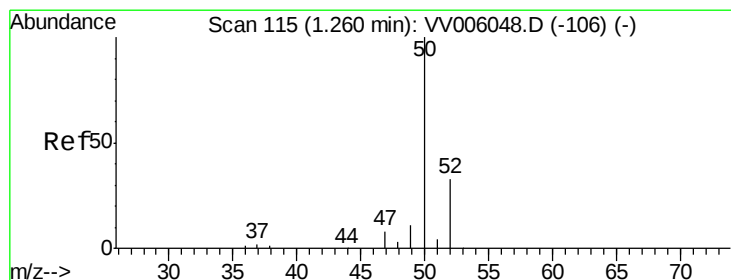
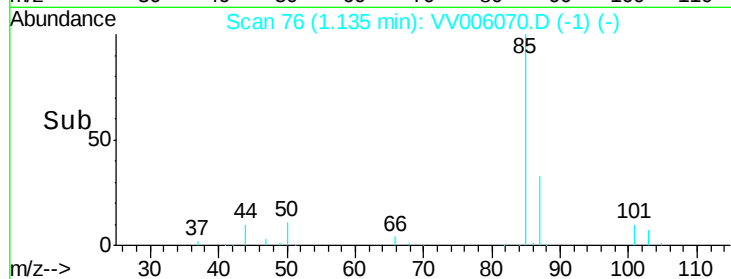
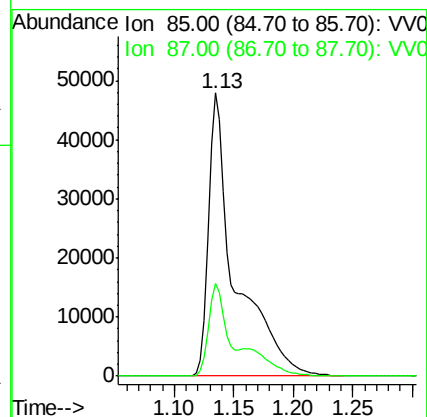
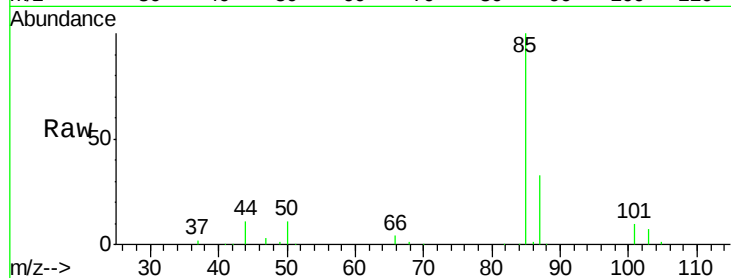
Acq: 26 May 2018 21:28

Tgt Ion: 85 Resp: 74453

Ion Ratio Lower Upper

85 100

87 22.1 25.7 38.5#



#3

Chloromethane

Concen: 40.81 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006070.D

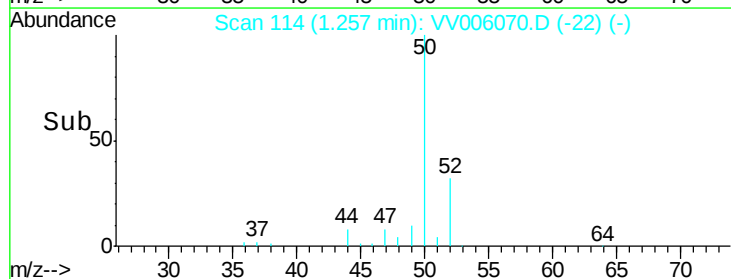
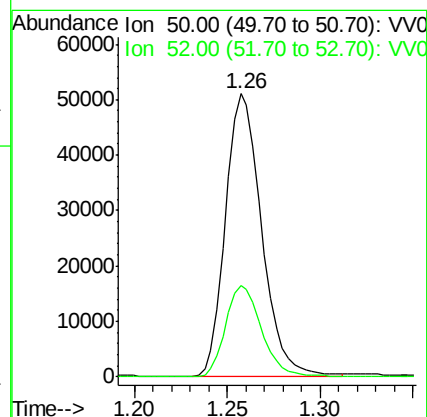
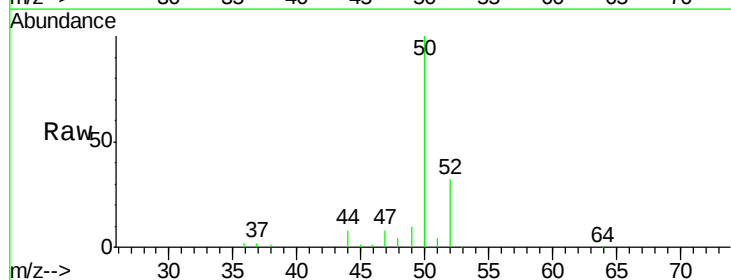
Acq: 26 May 2018 21:28

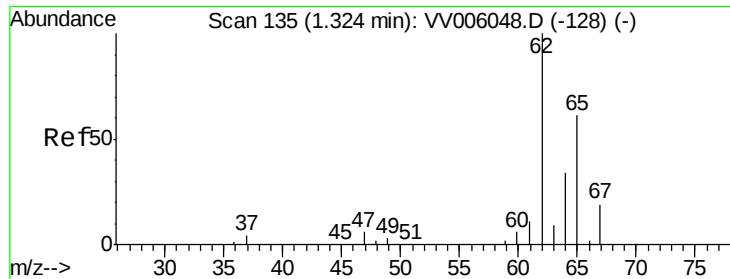
Tgt Ion: 50 Resp: 69417

Ion Ratio Lower Upper

50 100

52 32.5 22.7 42.3





#5

Vinyl chloride

Concen: 48.08 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006070.D

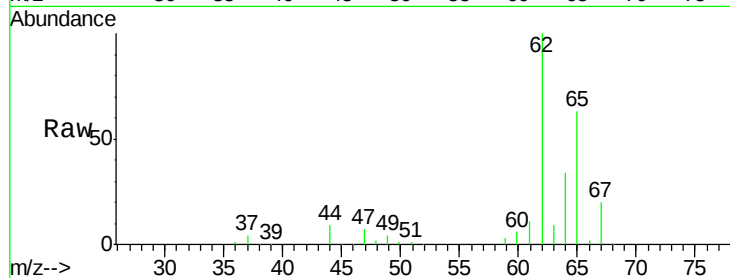
Acq: 26 May 2018 21:28

Tgt Ion: 62 Resp: 72337

Ion Ratio Lower Upper

62 100

64 34.2 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV006070.D (-102) (-)

Ion 64.00 (63.70 to 64.70): VV006070.D (-102) (-)

1.32

50000

40000

30000

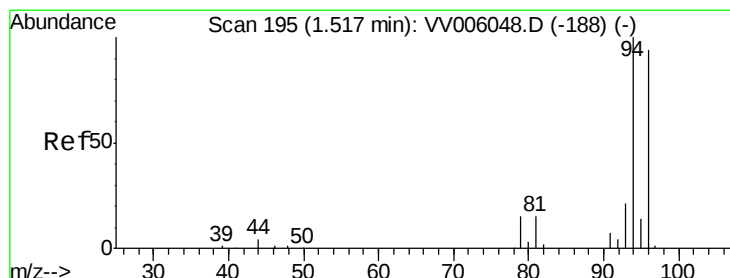
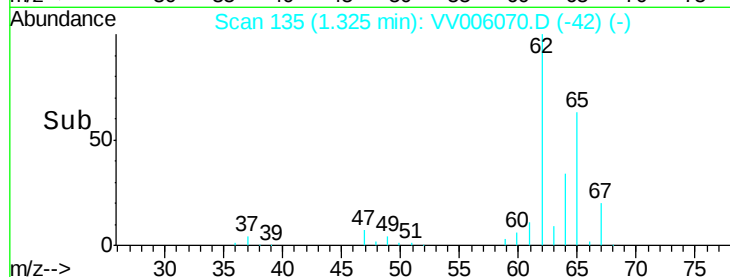
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 23.29 ug/L

RT: 1.51 min Scan# 193

Delta R.T. -0.01 min

Lab File: VV006070.D

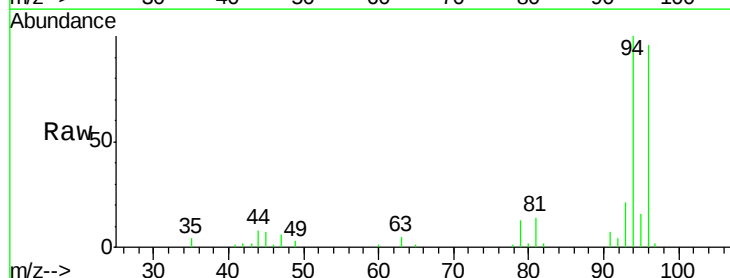
Acq: 26 May 2018 21:28

Tgt Ion: 94 Resp: 15477

Ion Ratio Lower Upper

94 100

96 95.9 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV006070.D (-102) (-)

Ion 96.00 (95.70 to 96.70): VV006070.D (-102) (-)

1.51

15000

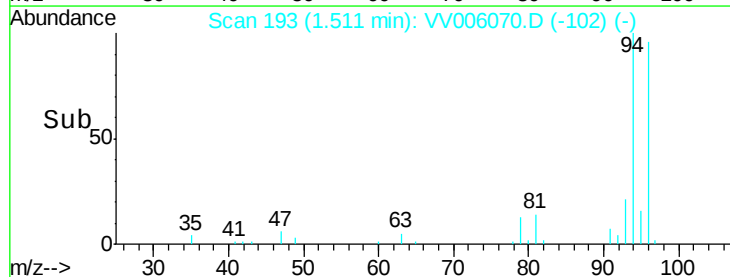
10000

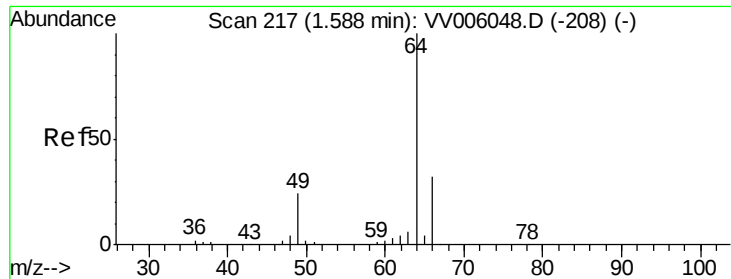
5000

0

Time-->

1.50 1.55





#8

Chloroethane

Concen: 12.68 ug/L

RT: 1.57 min Scan# 210

Delta R.T. -0.02 min

Lab File: VV006070.D

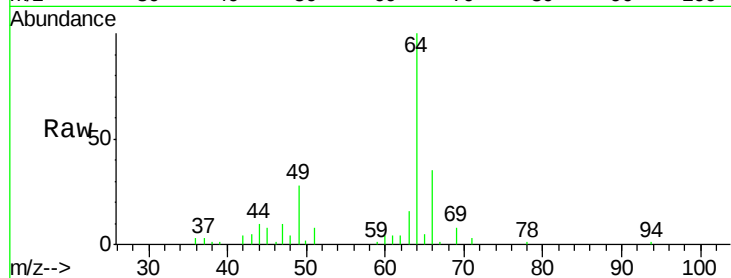
Acq: 26 May 2018 21:28

Tgt Ion: 64 Resp: 10912

Ion Ratio Lower Upper

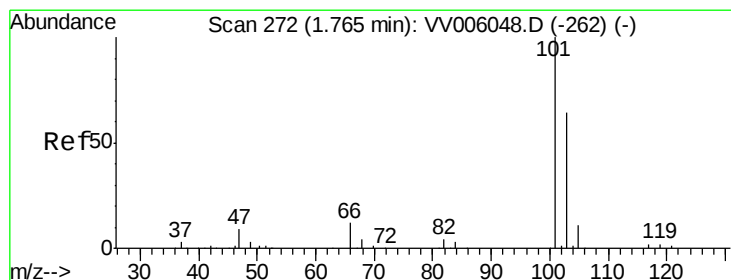
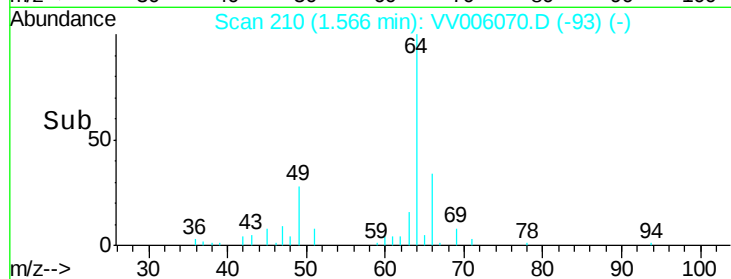
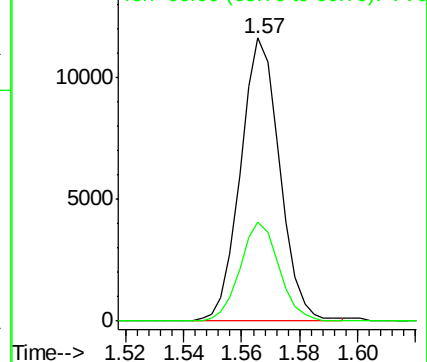
64 100

66 34.8 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#9

Trichlorofluoromethane

Concen: 48.08 ug/L

RT: 1.74 min Scan# 263

Delta R.T. -0.03 min

Lab File: VV006070.D

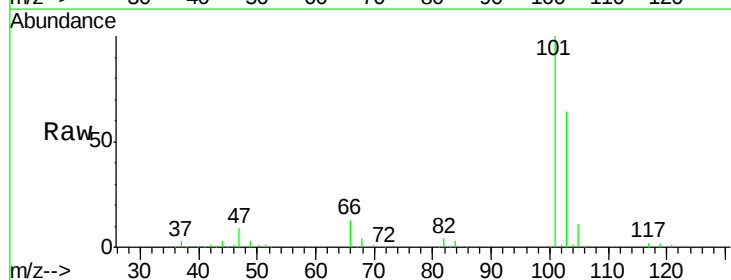
Acq: 26 May 2018 21:28

Tgt Ion: 101 Resp: 100717

Ion Ratio Lower Upper

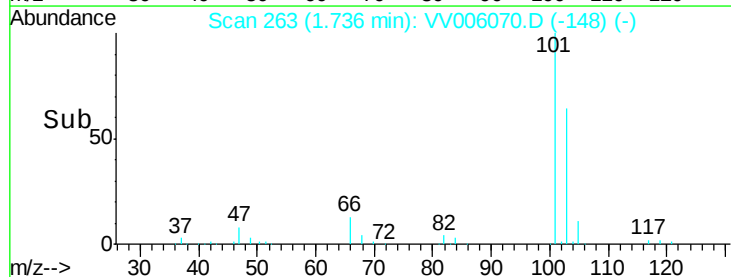
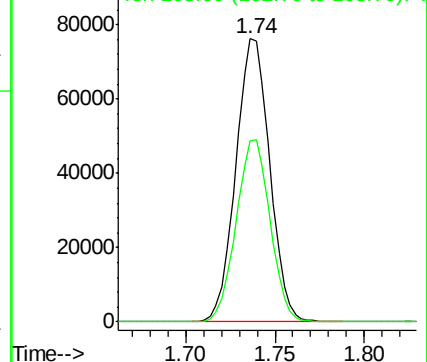
101 100

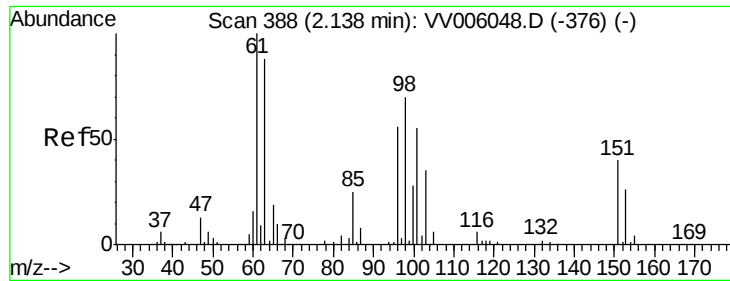
103 64.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 49.93 ug/L

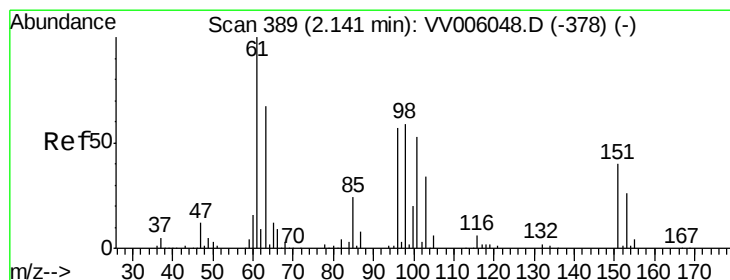
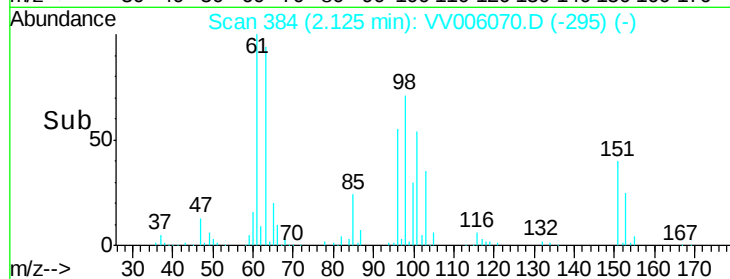
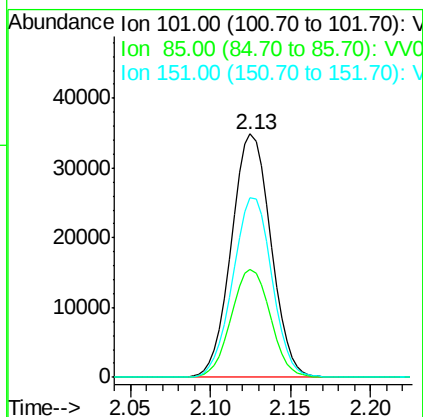
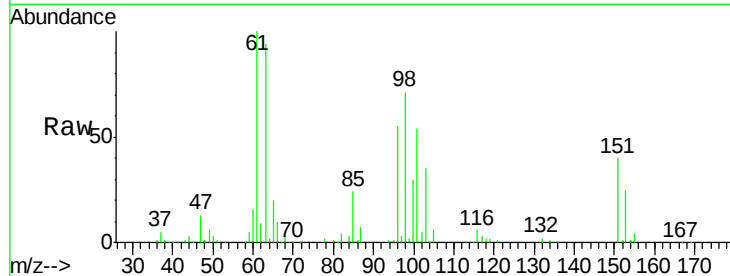
RT: 2.13 min Scan# 384

Delta R.T. -0.01 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion:	101	Resp:	58739
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	58.8	88.2



#12

1,1-Dichloroethene

Concen: 48.66 ug/L

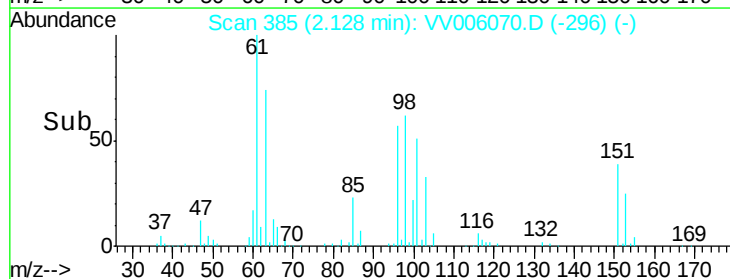
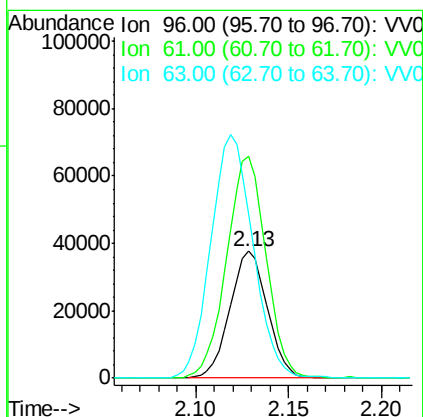
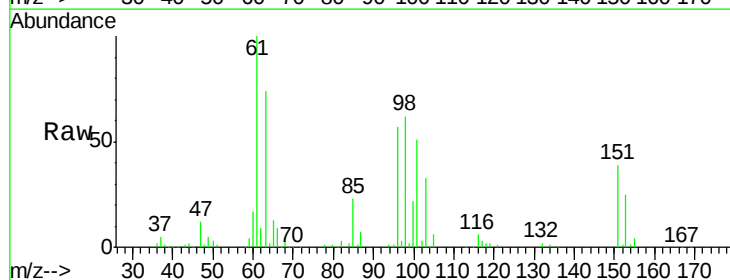
RT: 2.13 min Scan# 385

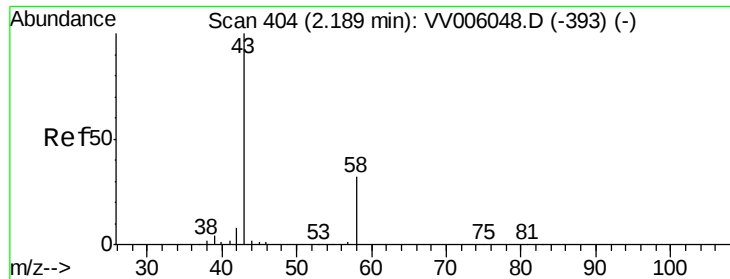
Delta R.T. -0.01 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion:	96	Resp:	52842
Ion	Ratio	Lower	Upper
96	100		
61	174.3	122.5	227.5
63	128.8	86.9	161.5





#13

Acetone

Concen: 84.21 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.01 min

Lab File: VV006070.D

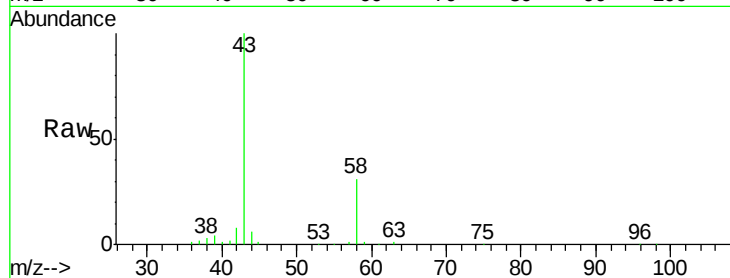
Acq: 26 May 2018 21:28

Tgt Ion: 43 Resp: 61263

Ion Ratio Lower Upper

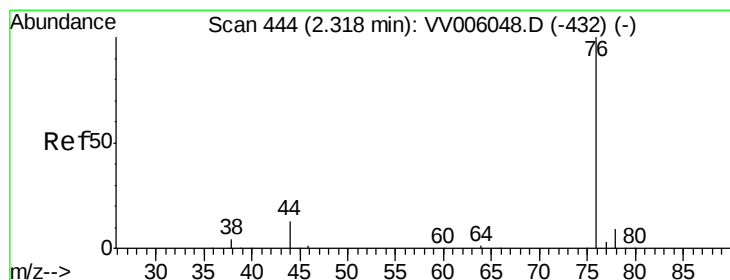
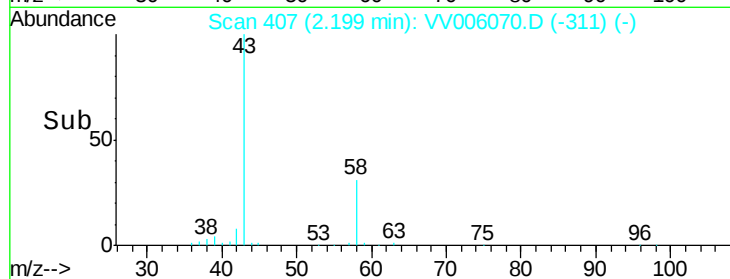
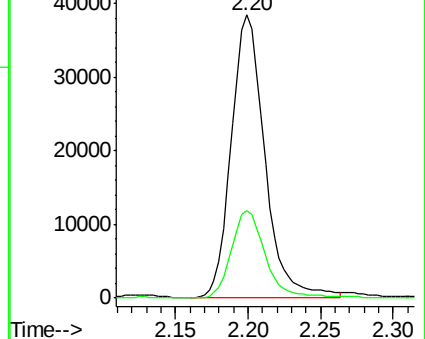
43 100

58 31.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV006070.D (-311) (-)

Ion 58.00 (57.70 to 58.70): VV006070.D (-311) (-)



#14

Carbon disulfide

Concen: 45.12 ug/L

RT: 2.31 min Scan# 440

Delta R.T. -0.01 min

Lab File: VV006070.D

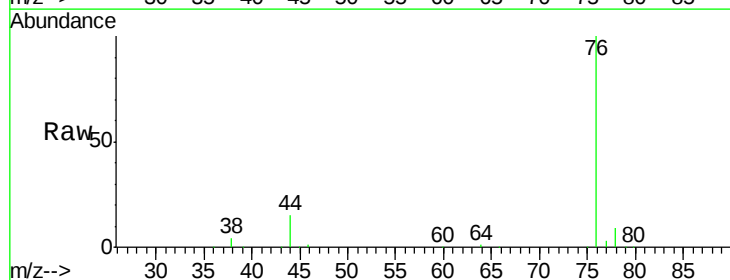
Acq: 26 May 2018 21:28

Tgt Ion: 76 Resp: 145880

Ion Ratio Lower Upper

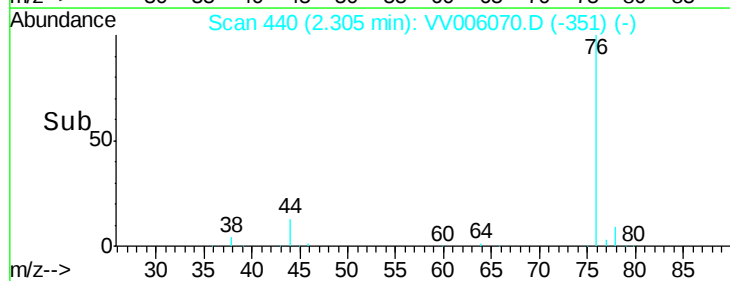
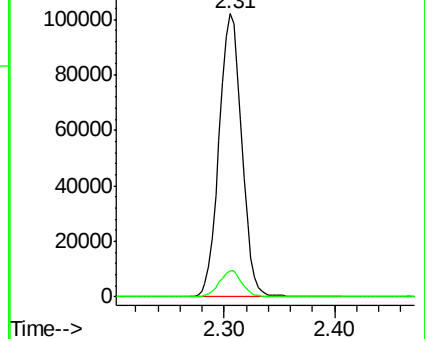
76 100

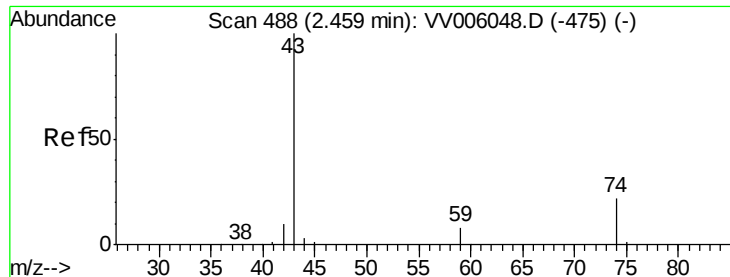
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV006070.D (-351) (-)

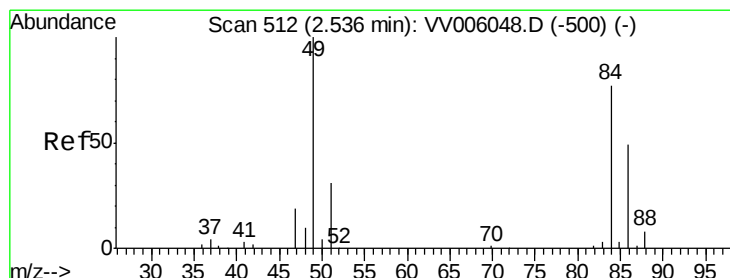
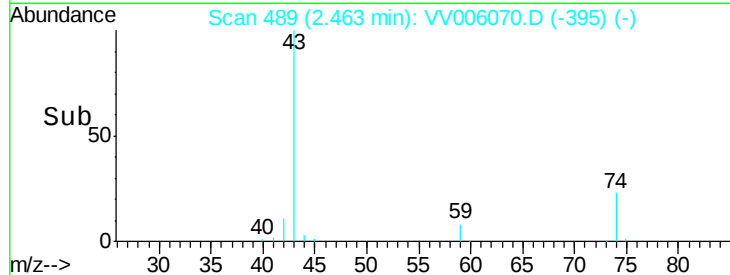
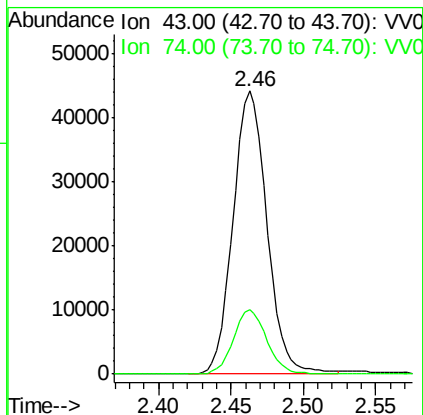
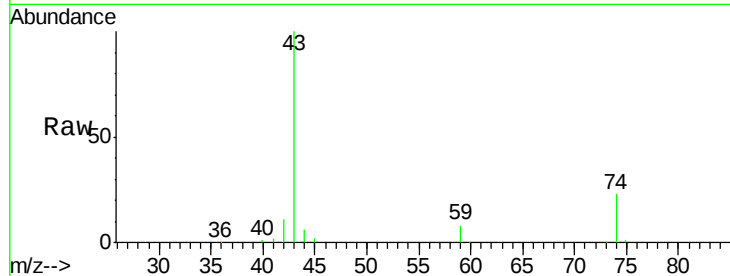
Ion 78.00 (77.70 to 78.70): VV006070.D (-351) (-)





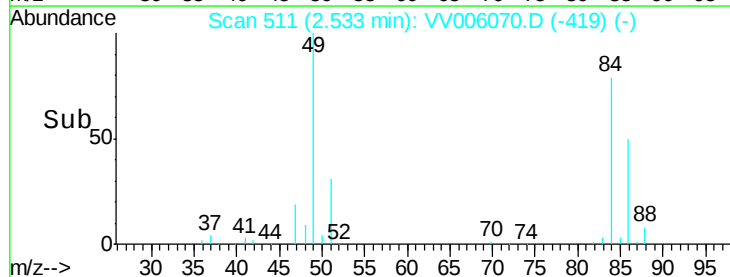
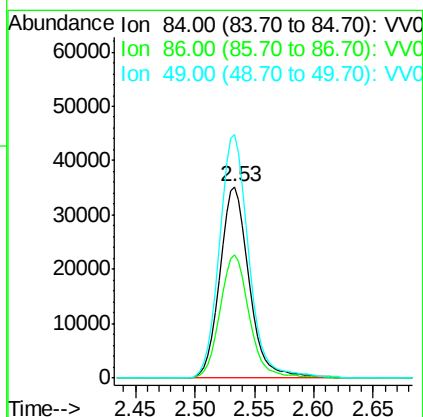
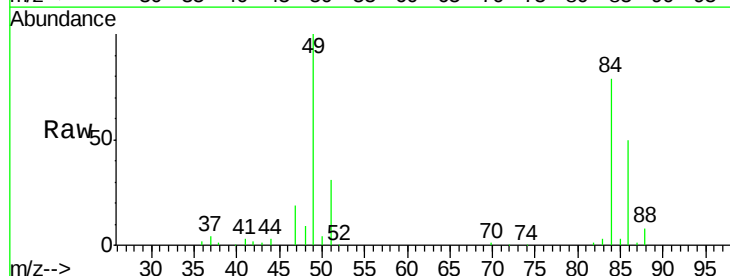
#15
Methyl Acetate
Concen: 47.15 ug/L
RT: 2.46 min Scan# 489
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

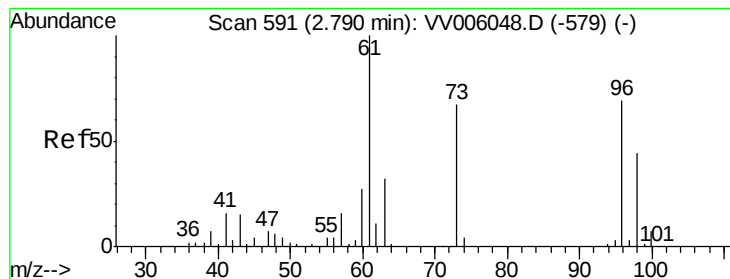
Tgt Ion: 43 Resp: 71983
Ion Ratio Lower Upper
43 100
74 22.3 18.2 27.2



#16
Methylene chloride
Concen: 46.52 ug/L
RT: 2.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion: 84 Resp: 60469
Ion Ratio Lower Upper
84 100
86 64.1 45.1 83.7
49 127.0 90.2 167.6





#17

trans-1,2-Dichloroethene

Concen: 47.90 ug/L

RT: 2.78 min Scan# 589

Delta R.T. -0.01 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

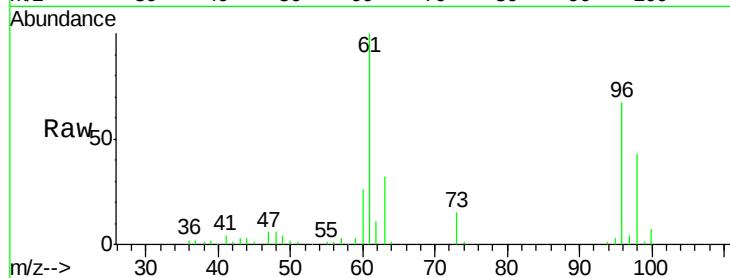
Tgt Ion: 96 Resp: 55830

Ion Ratio Lower Upper

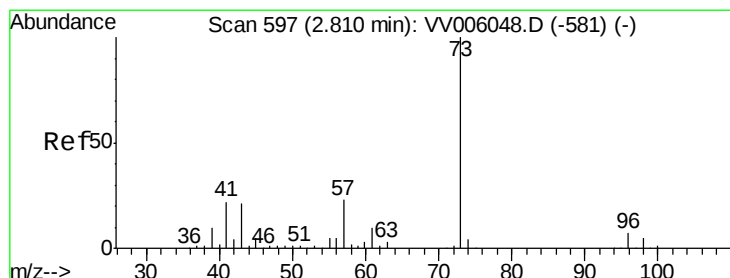
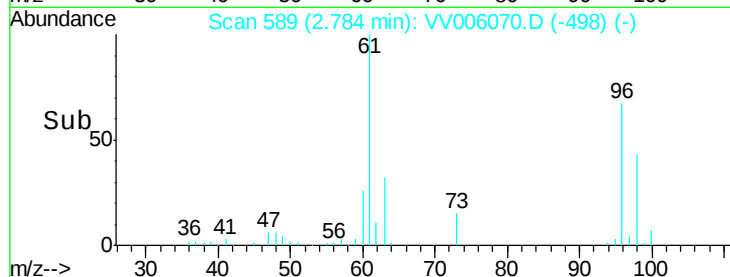
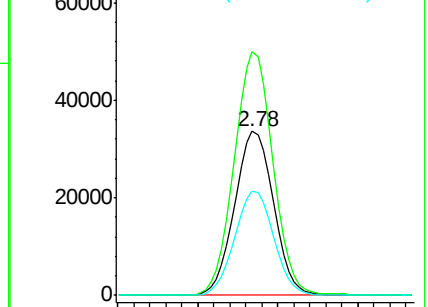
96 100

61 148.4 104.9 194.7

98 63.2 44.9 83.3



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



#18

Methyl tert-butyl Ether

Concen: 48.79 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

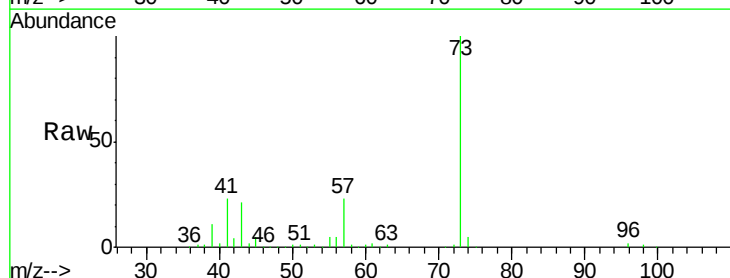
Tgt Ion: 73 Resp: 192167

Ion Ratio Lower Upper

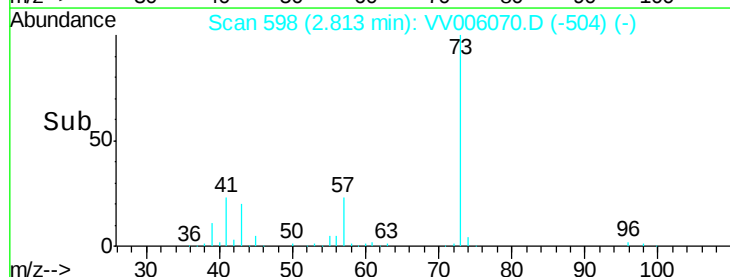
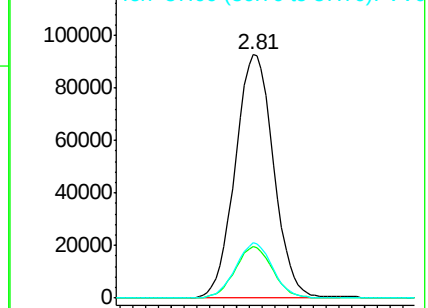
73 100

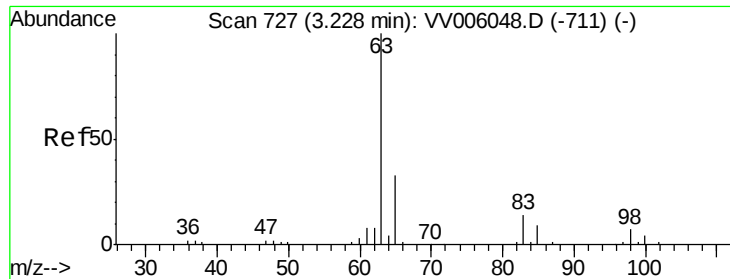
43 20.8 16.2 24.2

57 22.0 17.8 26.8



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





#19

1,1-Dichloroethane

Concen: 48.83 ug/L

RT: 3.22 min Scan# 726

Delta R.T. -0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

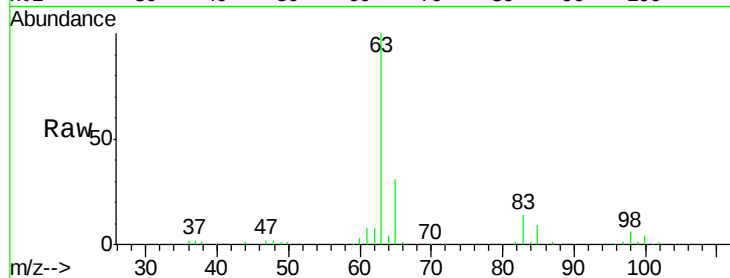
Tgt Ion: 63 Resp: 117250

Ion Ratio Lower Upper

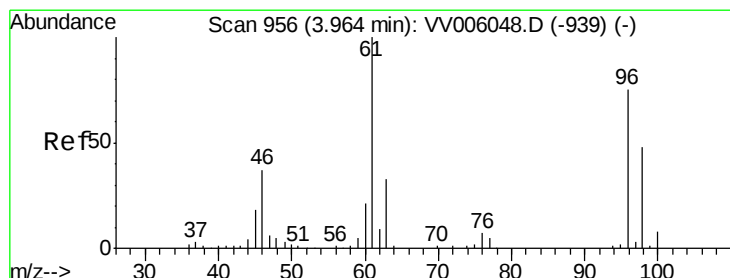
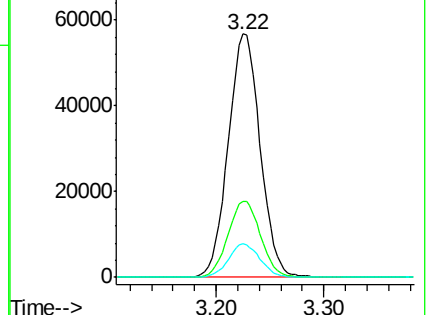
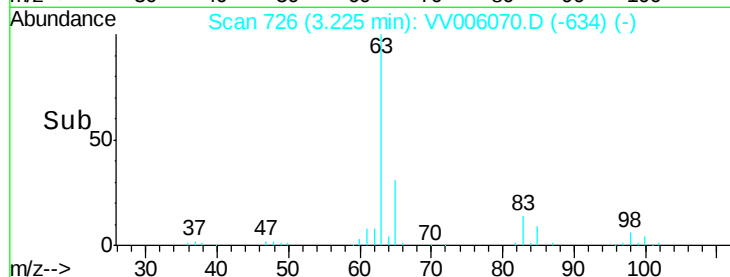
63 100

65 31.3 21.9 40.7

83 14.0 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV006070.D (-634) (-)



#20

cis-1,2-Dichloroethene

Concen: 47.57 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

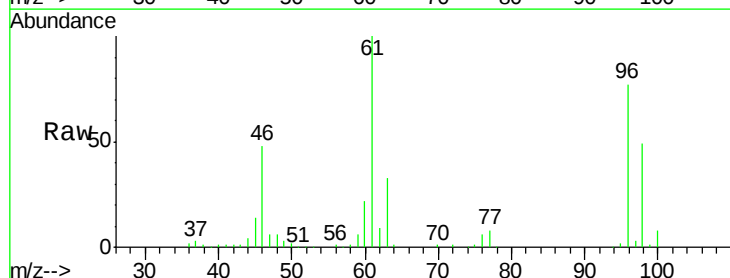
Tgt Ion: 96 Resp: 66664

Ion Ratio Lower Upper

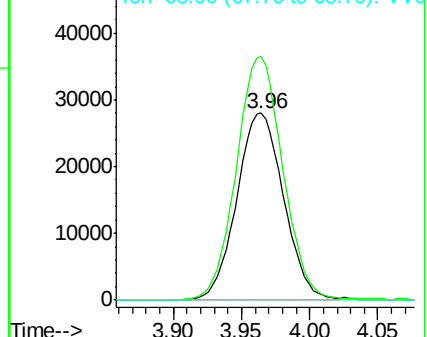
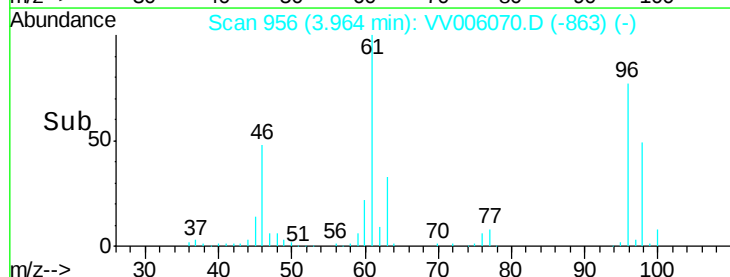
96 100

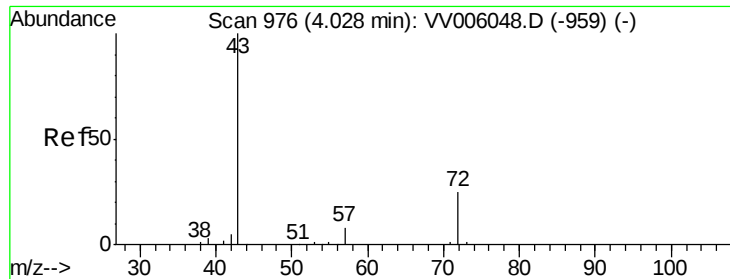
61 130.4 89.9 167.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006070.D (-863) (-)





#22

2-Butanone

Concen: 97.47 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.01 min

Lab File: VV006070.D

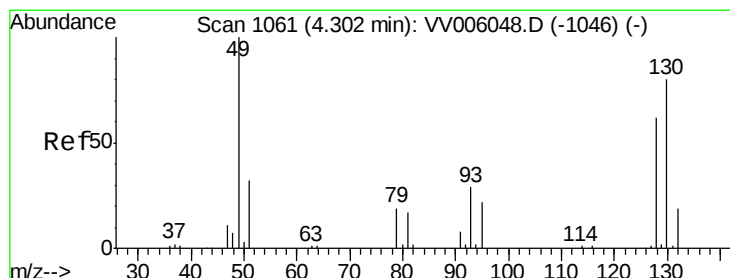
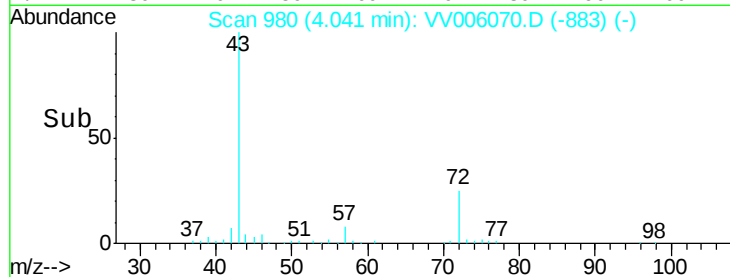
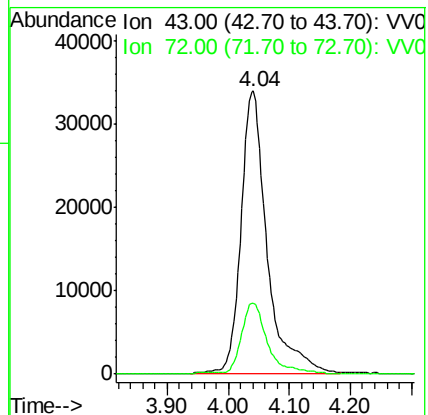
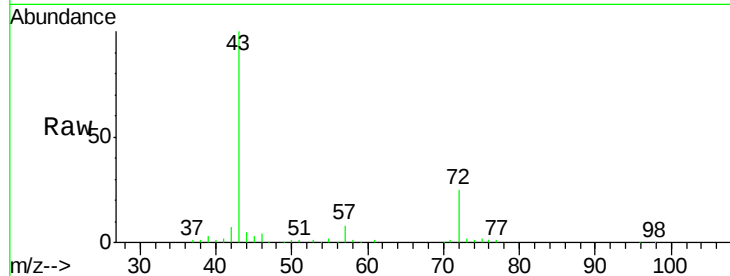
Acq: 26 May 2018 21:28

Tgt Ion: 43 Resp: 101934

Ion Ratio Lower Upper

43 100

72 23.8 12.4 37.0



#23

Bromochloromethane

Concen: 48.88 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion: 128 Resp: 33367

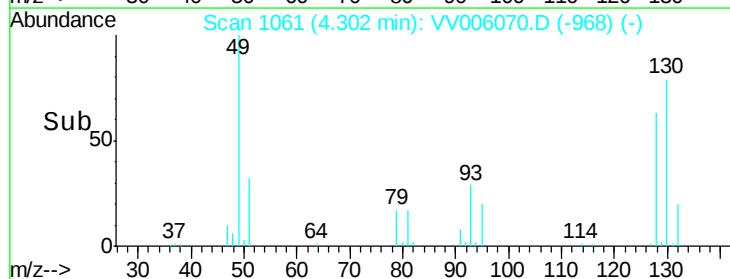
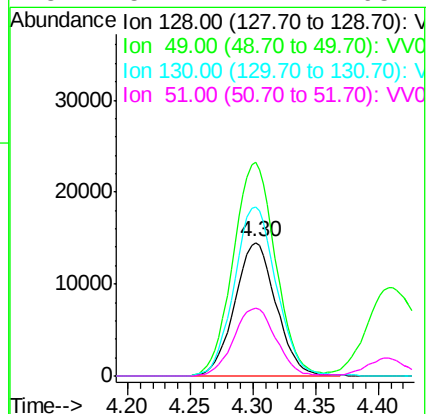
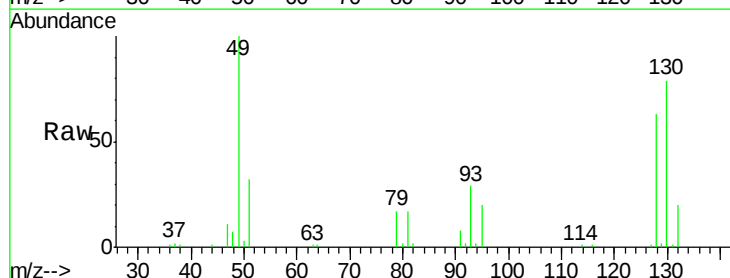
Ion Ratio Lower Upper

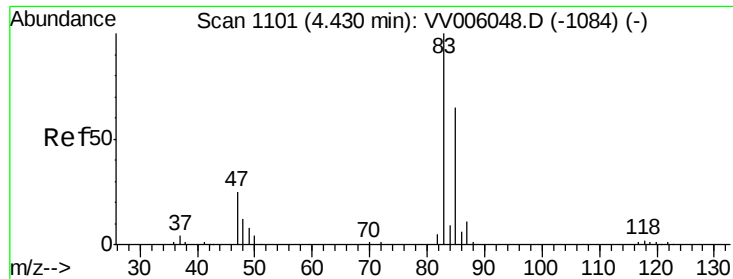
128 100

49 159.8 114.0 211.8

130 126.8 90.0 167.2

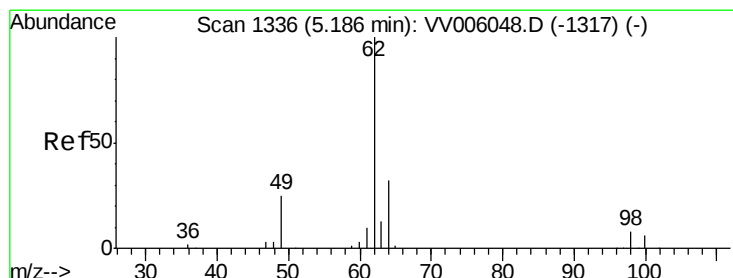
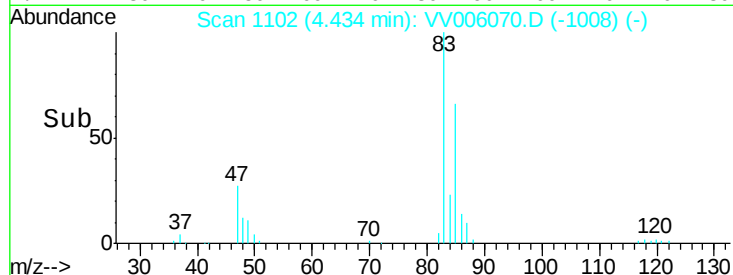
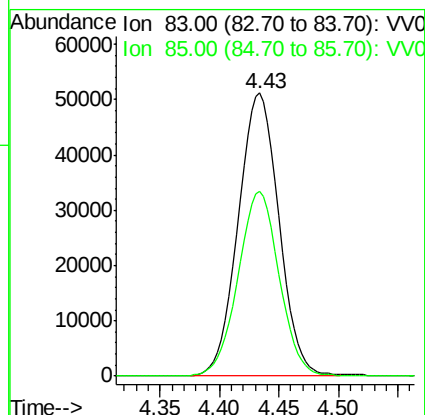
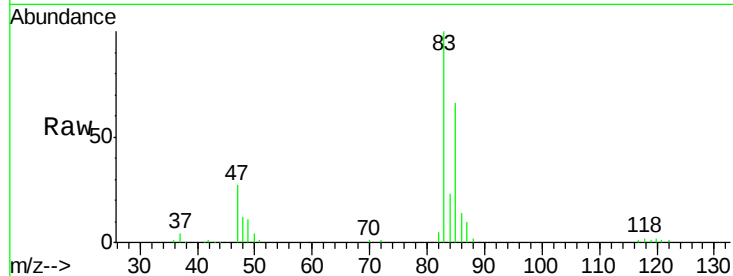
51 51.1 42.1 63.1





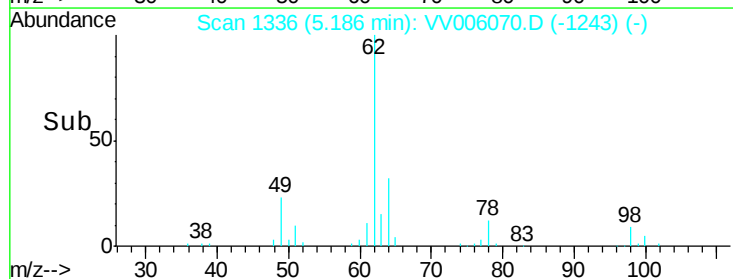
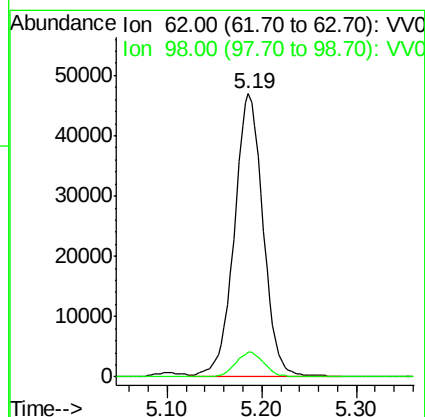
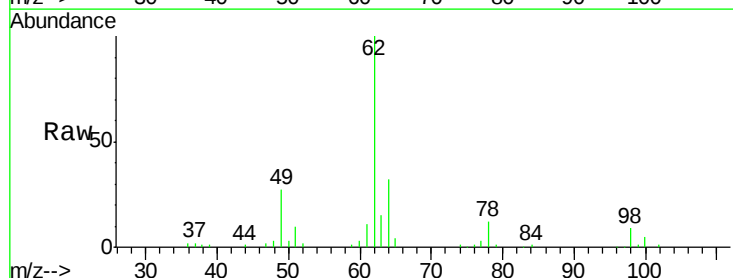
#25
Chloroform
Concen: 48.15 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

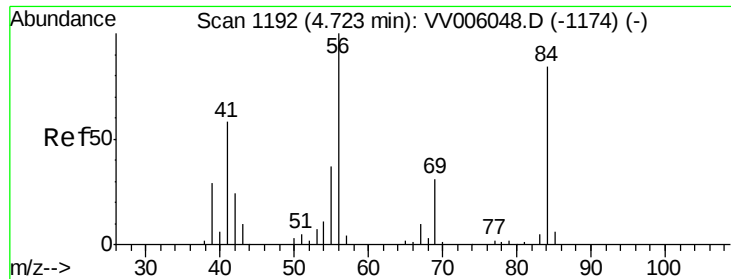
Tgt Ion: 83 Resp: 121439
Ion Ratio Lower Upper
83 100
85 65.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.54 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

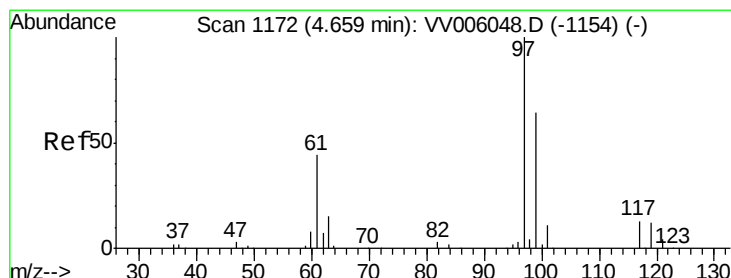
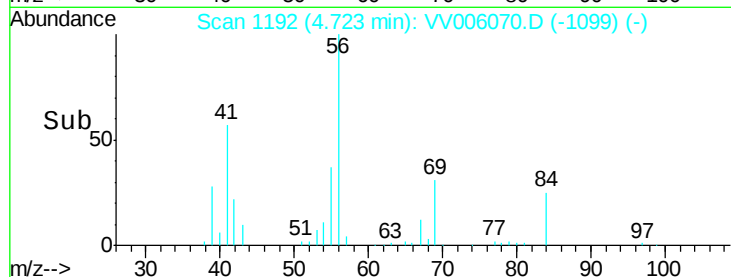
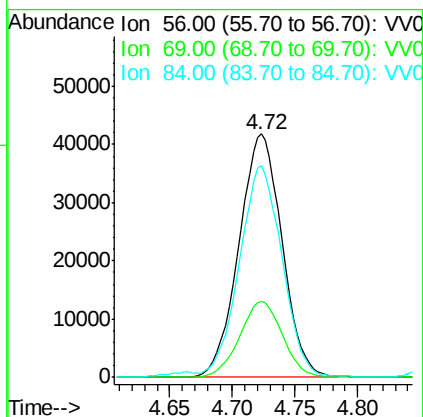
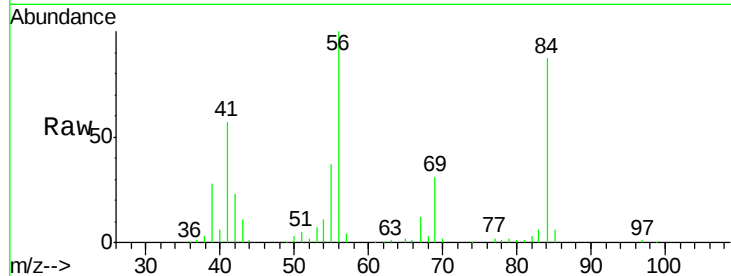
Tgt Ion: 62 Resp: 99447
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9





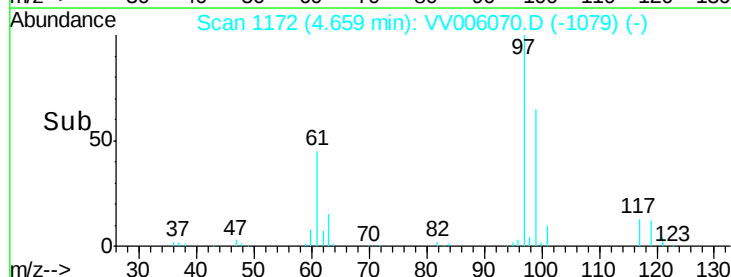
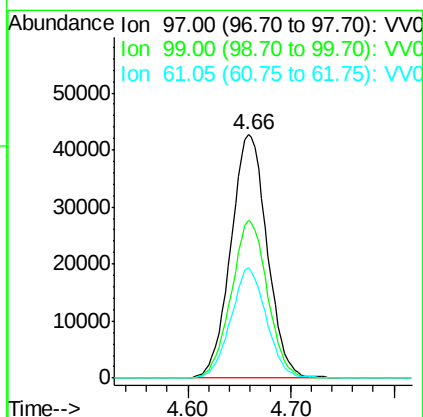
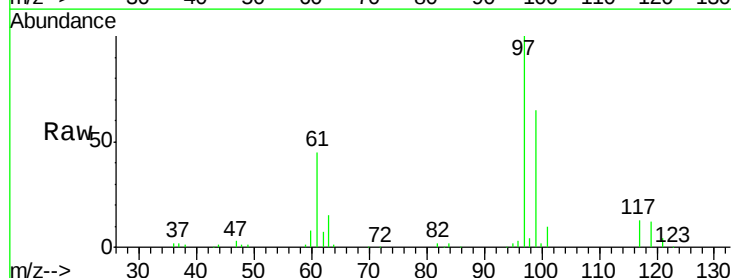
#29
Cyclohexane
Concen: 48.47 ug/L
RT: 4.72 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

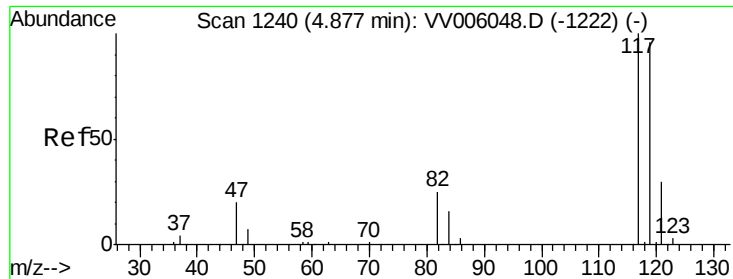
Tgt Ion: 56 Resp: 99966
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 85.9 70.3 105.5



#30
1,1,1-Trichloroethane
Concen: 47.40 ug/L
RT: 4.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion: 97 Resp: 104736
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 44.3 36.0 54.0





#31

Carbon tetrachloride

Concen: 47.73 ug/L

RT: 4.87 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VV006070.D

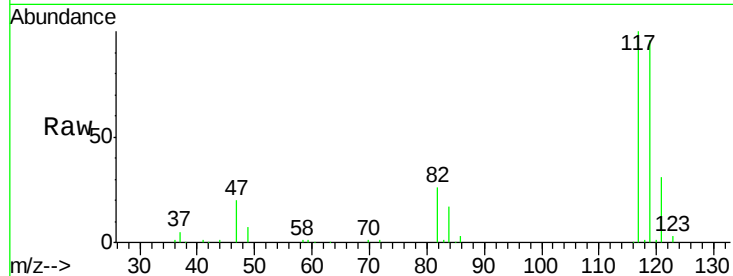
Acq: 26 May 2018 21:28

Tgt Ion: 117 Resp: 91101

Ion Ratio Lower Upper

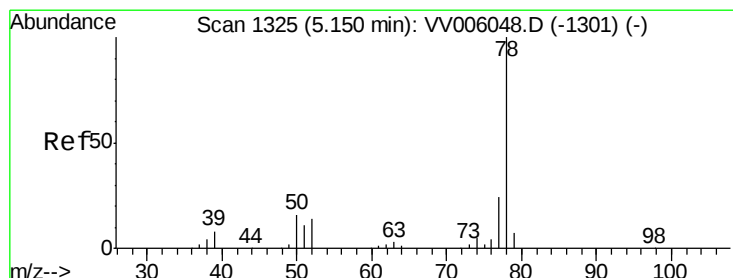
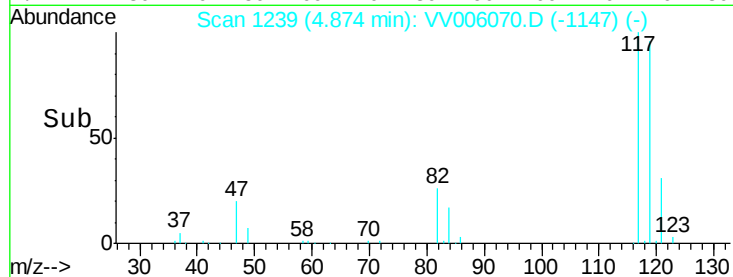
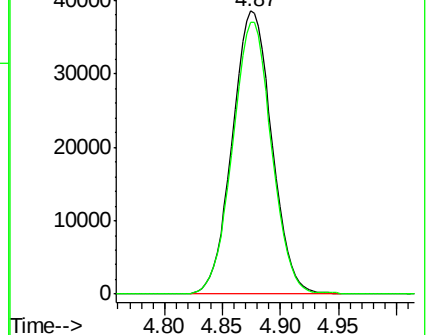
117 100

119 95.1 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: 49.15 ug/L

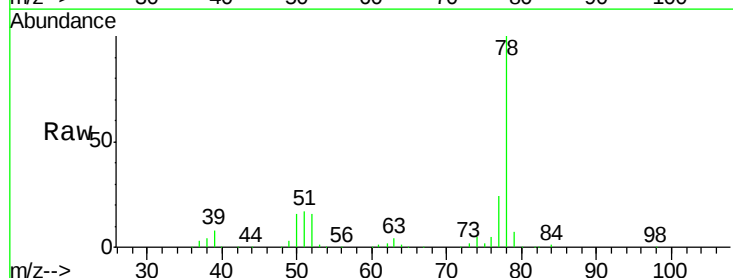
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

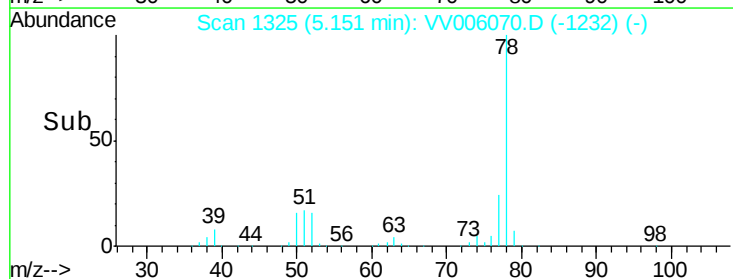
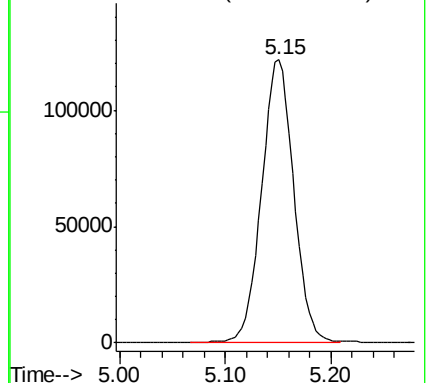
Lab File: VV006070.D

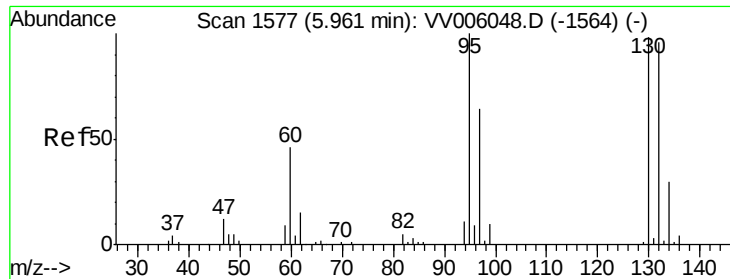
Acq: 26 May 2018 21:28

Tgt Ion: 78 Resp: 259193



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.41 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion: 95 Resp: 66965

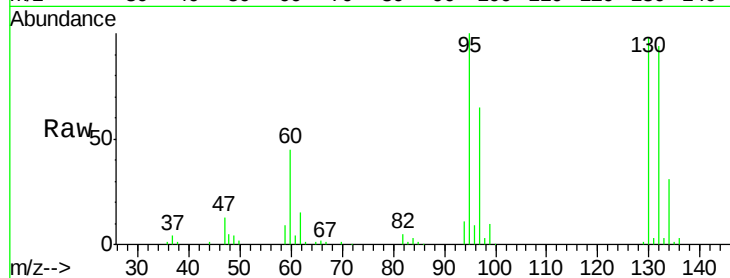
Ion Ratio Lower Upper

95 100

97 64.9 44.0 81.6

132 94.3 65.0 120.6

130 98.0 66.6 123.8

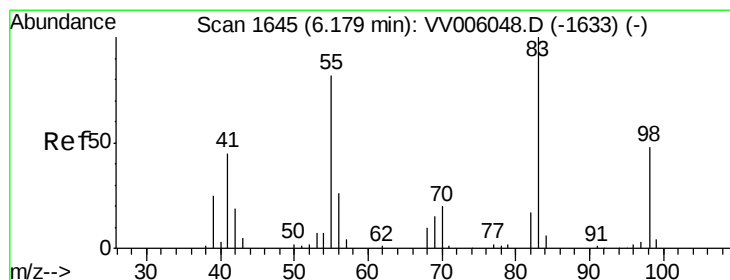
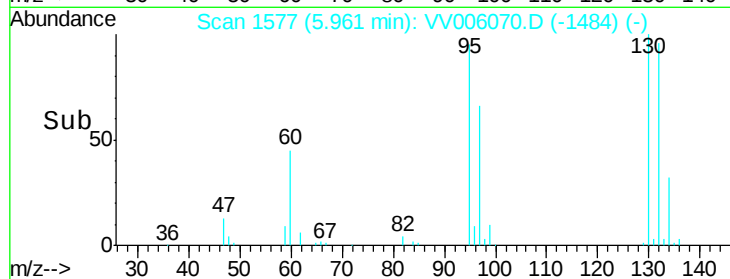
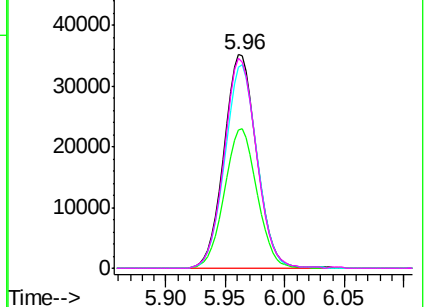


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 49.92 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. -0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

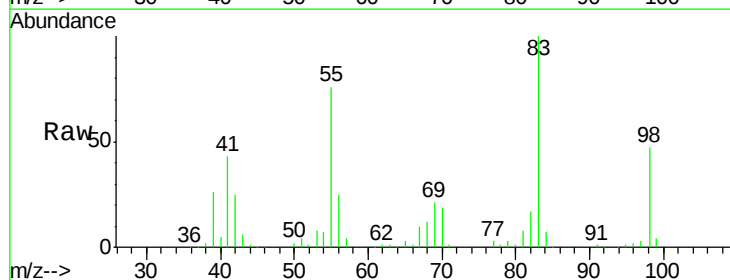
Tgt Ion: 83 Resp: 105354

Ion Ratio Lower Upper

83 100

55 78.0 63.1 94.7

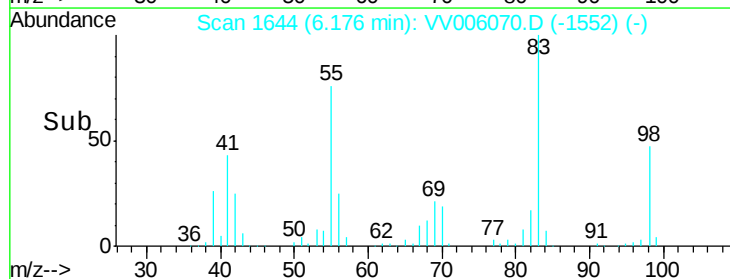
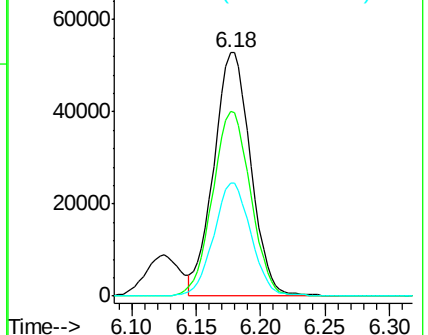
98 46.9 37.8 56.8

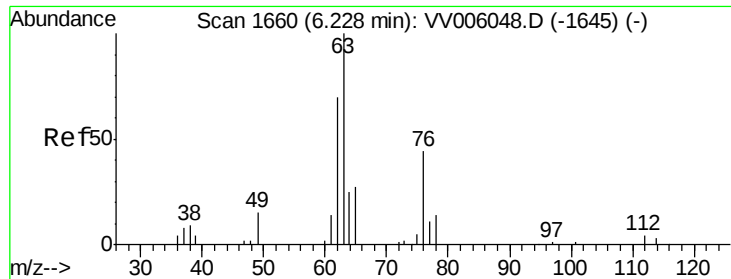


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

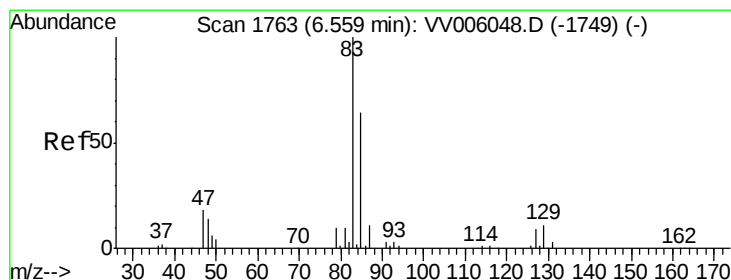
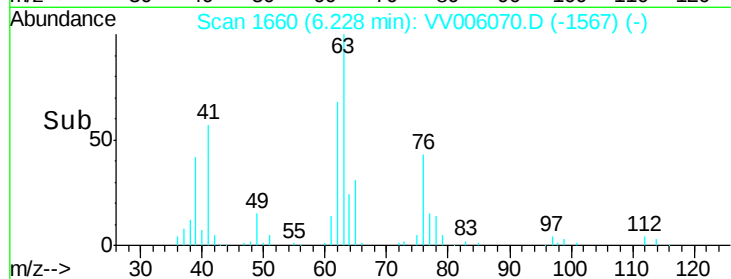
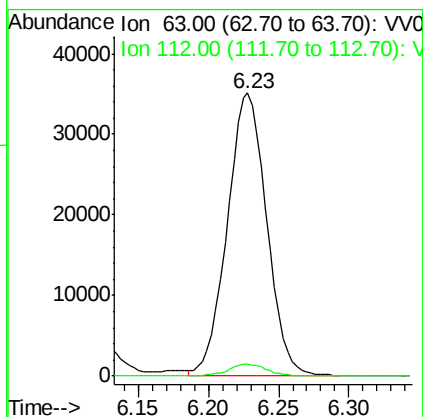
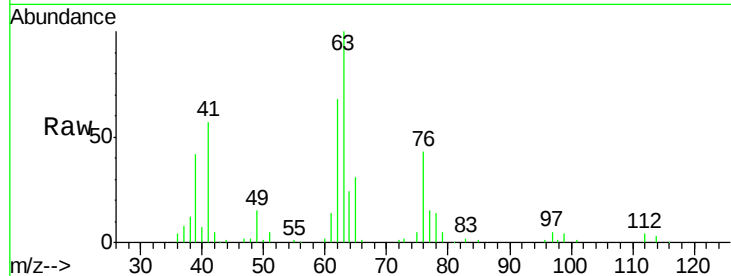
Ion 98.00 (97.70 to 98.70): VV0





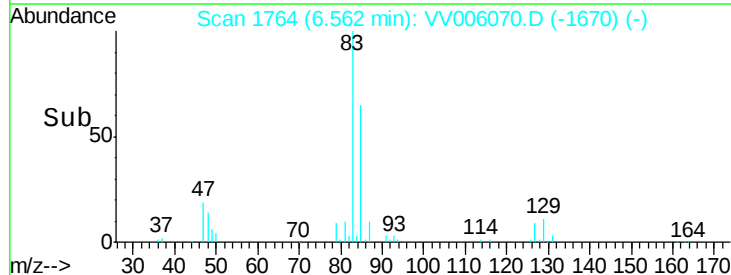
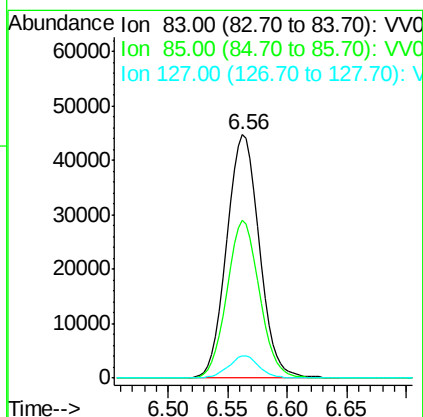
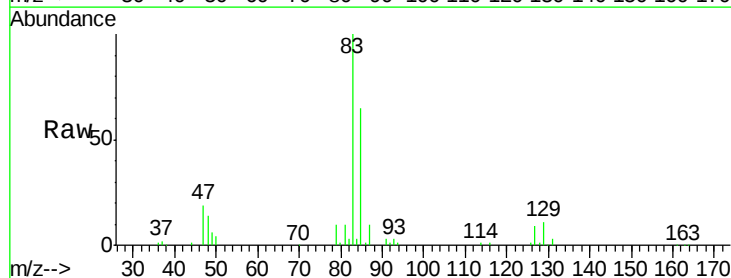
#37
 1,2-Dichloropropane
 Concen: 48.32 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

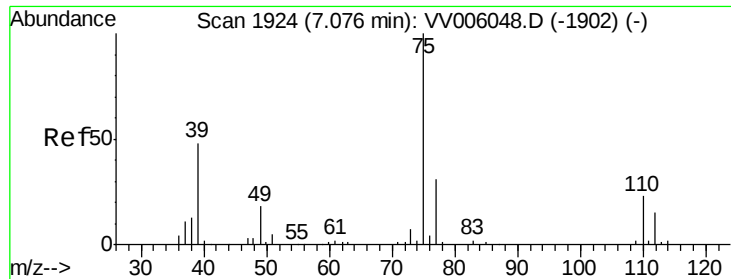
Tgt Ion: 63 Resp: 68218
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.4 5.2



#38
 Bromodichloromethane
 Concen: 46.73 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

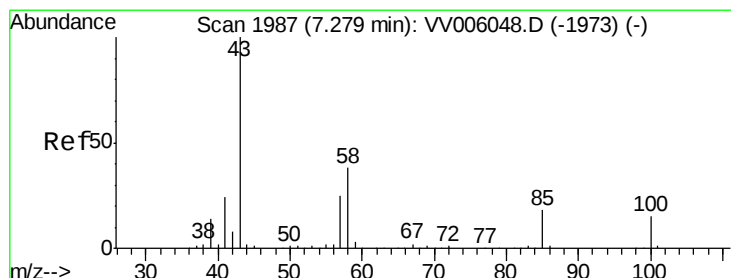
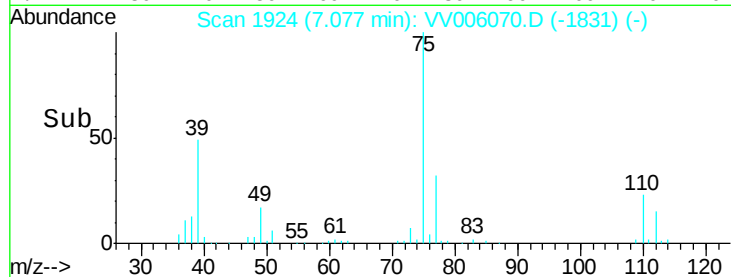
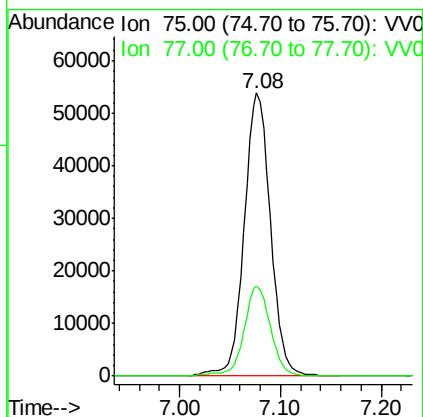
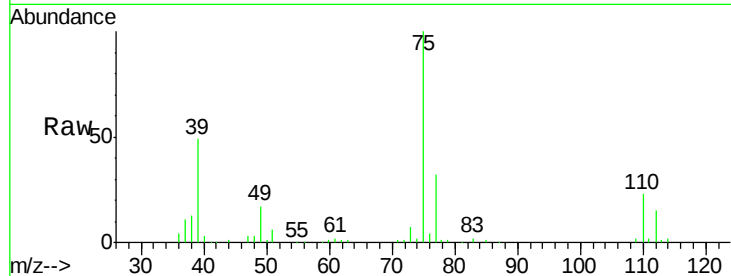
Tgt Ion: 83 Resp: 85430
 Ion Ratio Lower Upper
 83 100
 85 64.6 43.7 81.1
 127 9.1 6.6 10.0





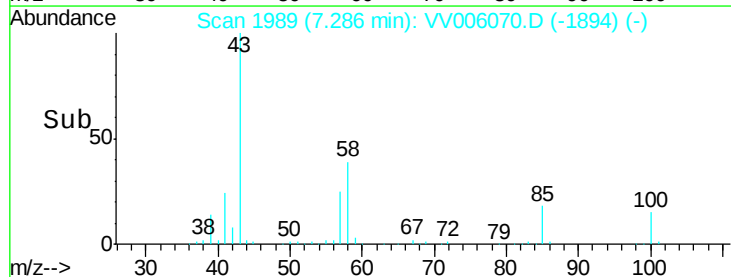
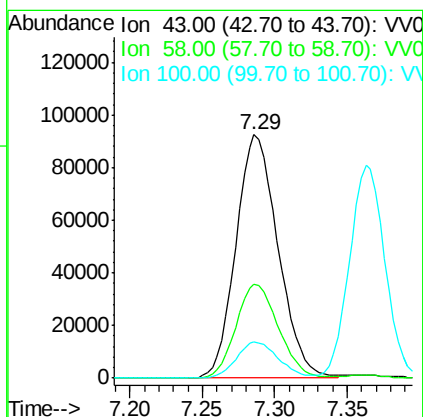
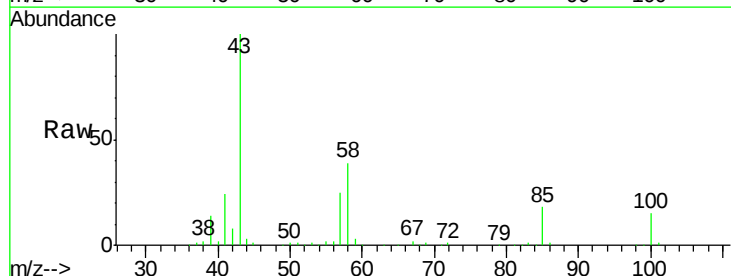
#39
 cis-1,3-Dichloropropene
 Concen: 46.56 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

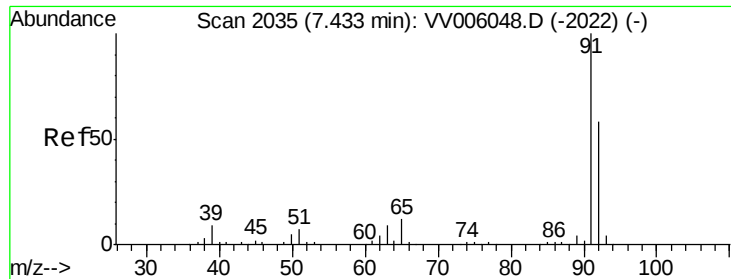
Tgt Ion: 75 Resp: 96740
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 100.06 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

Tgt Ion: 43 Resp: 187159
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.7 46.1
 100 15.0 12.1 18.1





#42

Toluene

Concen: 49.96 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006070.D

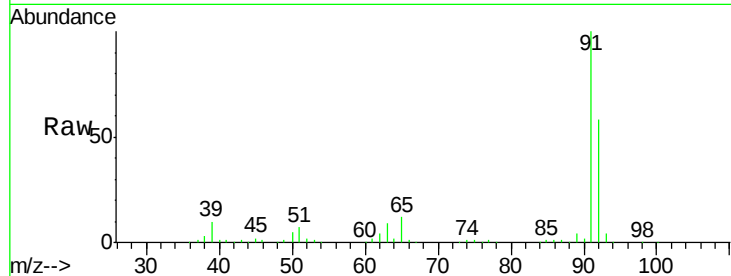
Acq: 26 May 2018 21:28

Tgt Ion: 91 Resp: 273710

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.44

150000

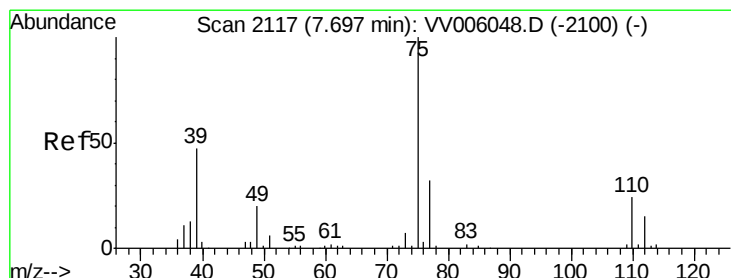
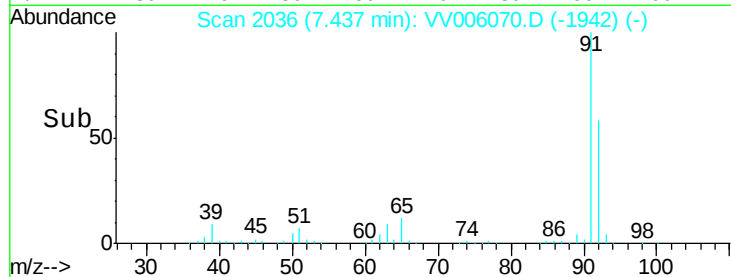
100000

50000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 46.35 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006070.D

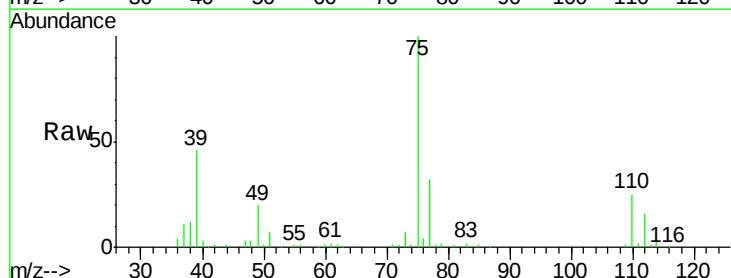
Acq: 26 May 2018 21:28

Tgt Ion: 75 Resp: 90740

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.70

60000

50000

40000

30000

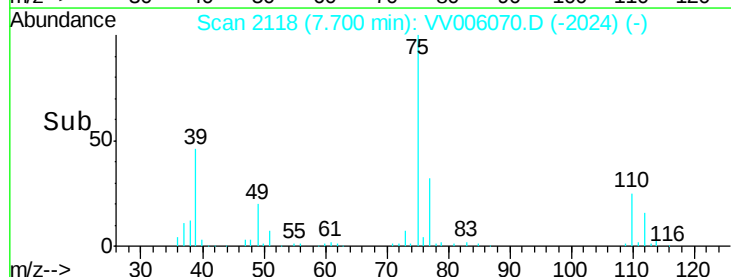
20000

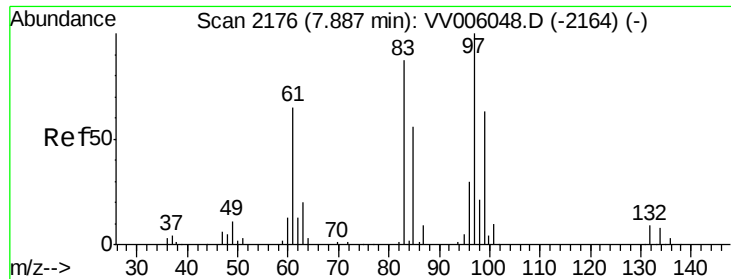
10000

0

Time-->

7.60 7.65 7.70 7.75 7.80





#45

1,1,2-Trichloroethane

Concen: 48.85 ug/L

RT: 7.89 min Scan# 2177

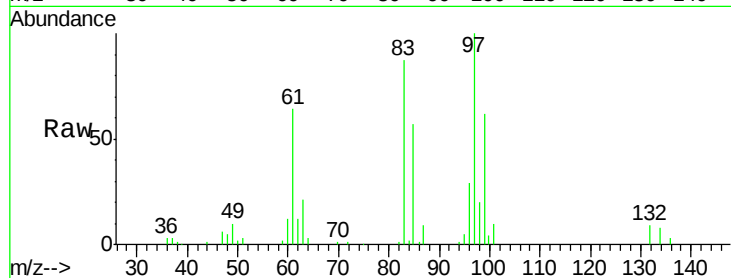
Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion: 97 Resp: 65573

Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.6	81.0
83	87.0	60.7	112.7
85	56.7	39.3	72.9

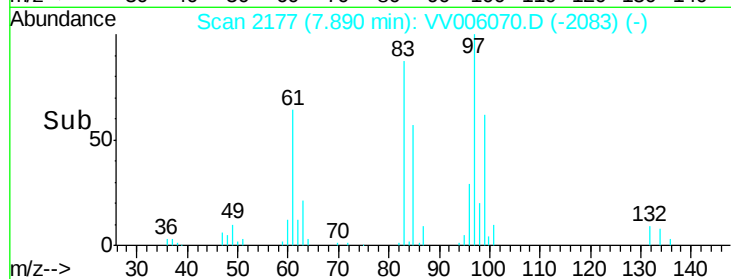


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



Time-->

7.85 7.90 7.95

7.89

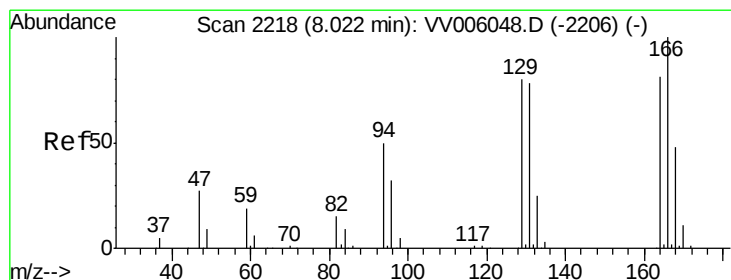
40000

30000

20000

10000

0



#46

Tetrachloroethene

Concen: 48.56 ug/L

RT: 8.02 min Scan# 2218

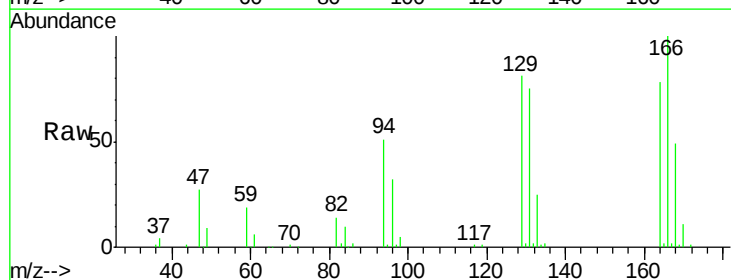
Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion: 164 Resp: 49466

Ion	Ratio	Lower	Upper
164	100		
129	104.7	72.2	134.2
131	96.9	70.0	130.0
166	128.9	90.4	167.8

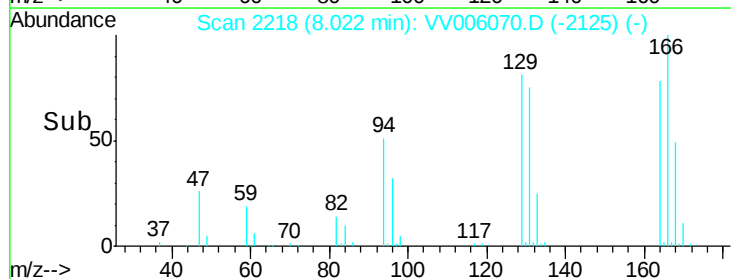


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->

7.95 8.00 8.05

8.02

60000

50000

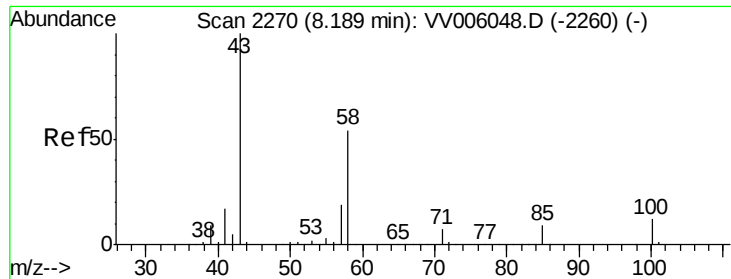
40000

30000

20000

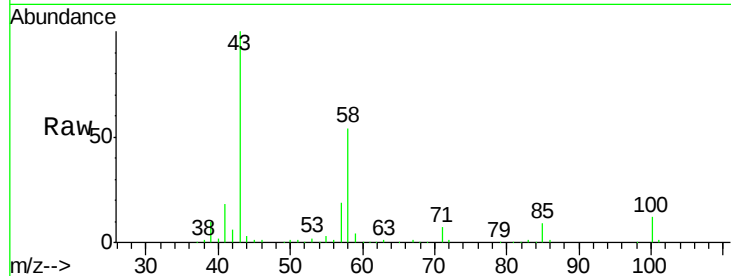
10000

0

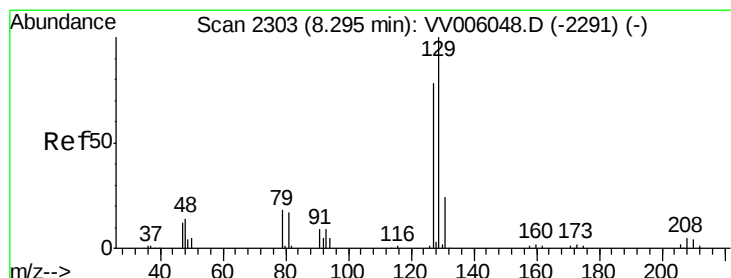
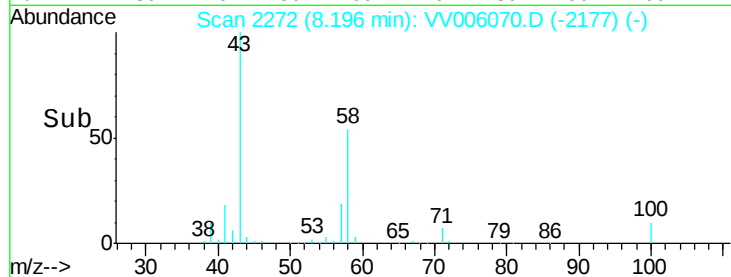
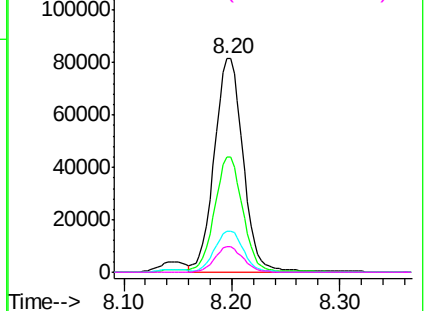


#48
2-Hexanone
Concen: 105.59 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.01 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion: 43 Resp: 150939
Ion Ratio Lower Upper
43 100
58 52.7 45.4 68.2
57 19.1 15.9 23.9
100 11.8 9.8 14.6

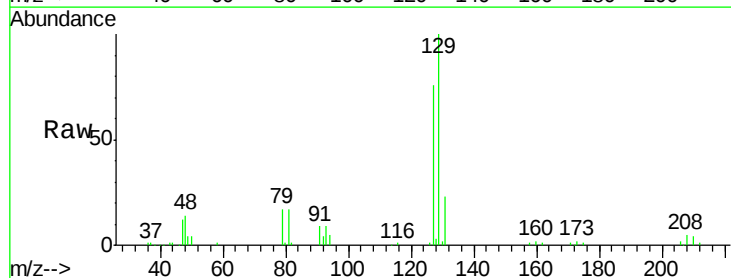


Abundance Ion 43.00 (42.70 to 43.70): VV006070.D (-2177) (-)
Ion 58.00 (57.70 to 58.70): VV006070.D (-2177) (-)
Ion 57.00 (56.70 to 57.70): VV006070.D (-2177) (-)
Ion 100.00 (99.70 to 100.70): VV006070.D (-2177) (-)

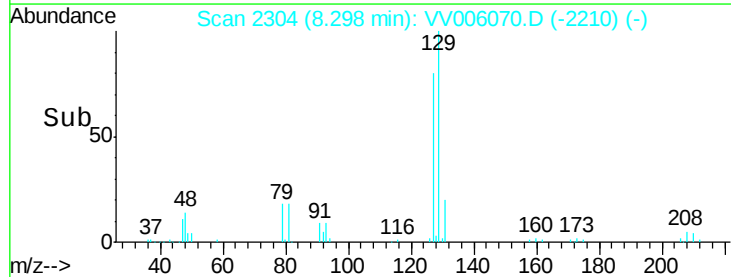
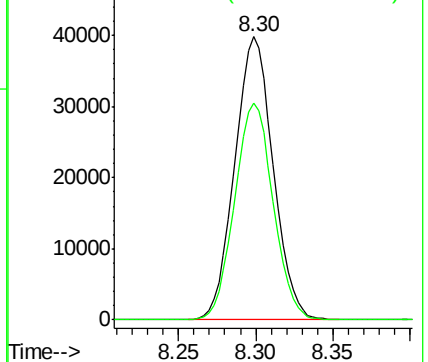


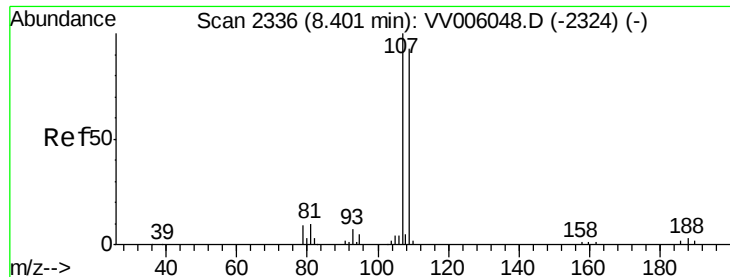
#49
Dibromochloromethane
Concen: 48.25 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion: 129 Resp: 68713
Ion Ratio Lower Upper
129 100
127 76.5 54.8 101.8



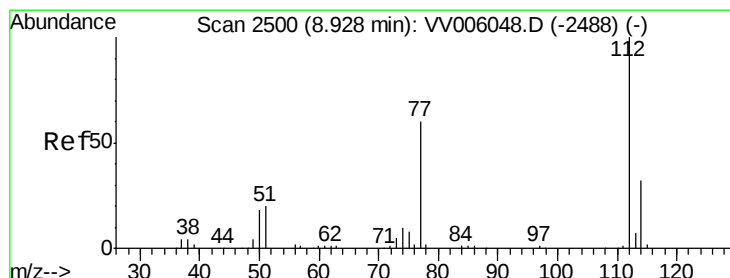
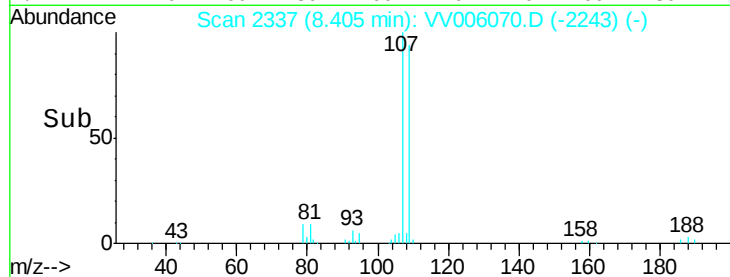
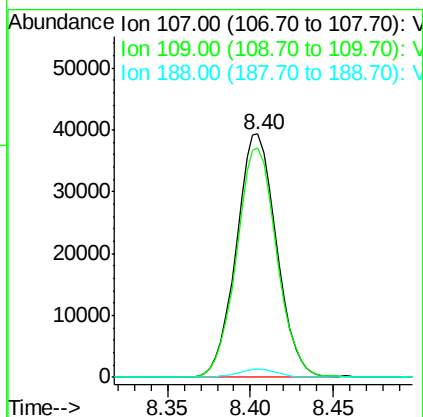
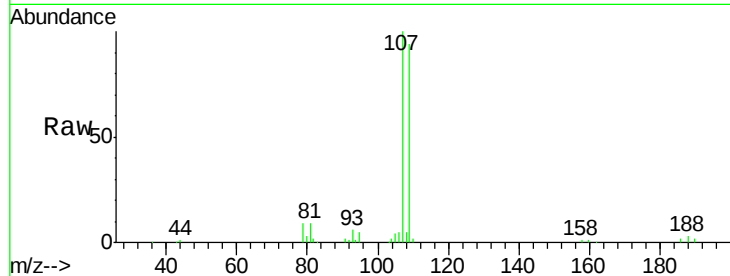
Abundance Ion 129.00 (128.70 to 129.70): VV006070.D (-2210) (-)
Ion 127.00 (126.70 to 127.70): VV006070.D (-2210) (-)





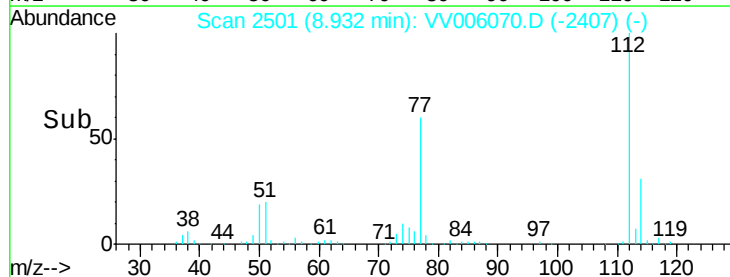
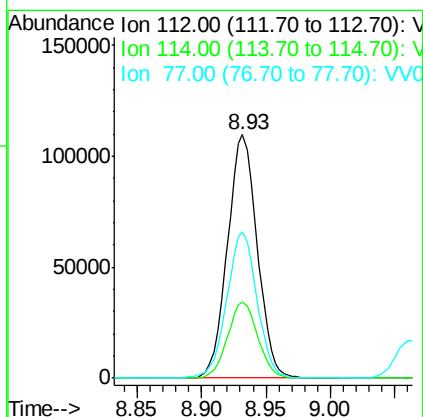
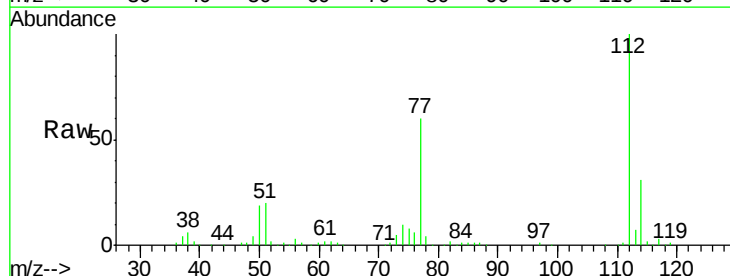
#50
1,2-Dibromoethane
Concen: 47.95 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

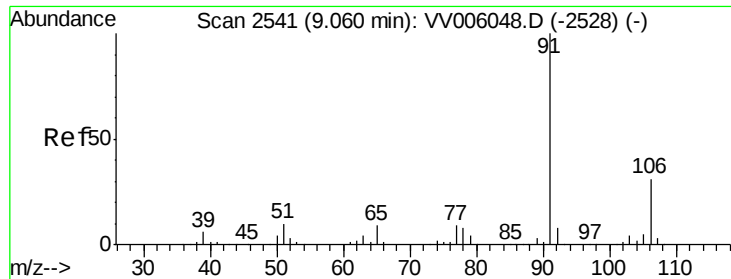
Tgt Ion:107 Resp: 66358
Ion Ratio Lower Upper
107 100
109 94.5 64.8 120.4
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 48.04 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion:112 Resp: 175867
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 60.0 48.4 72.6





#52

Ethylbenzene

Concen: 49.23 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006070.D

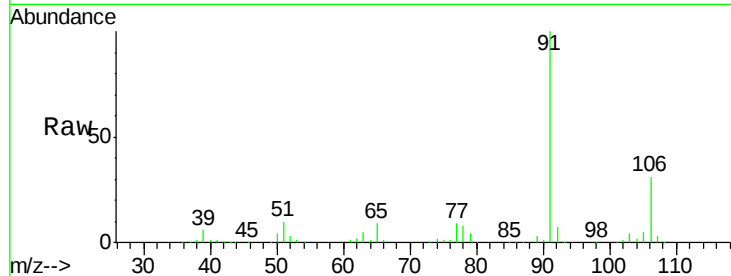
Acq: 26 May 2018 21:28

Tgt Ion: 91 Resp: 297175

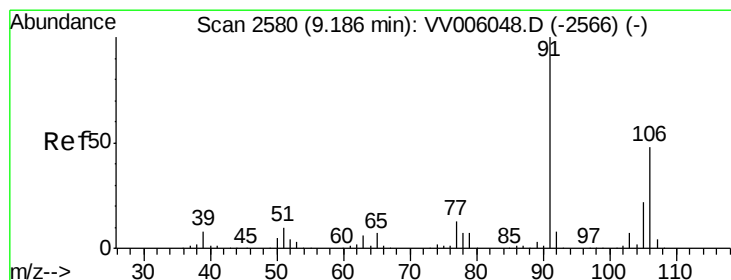
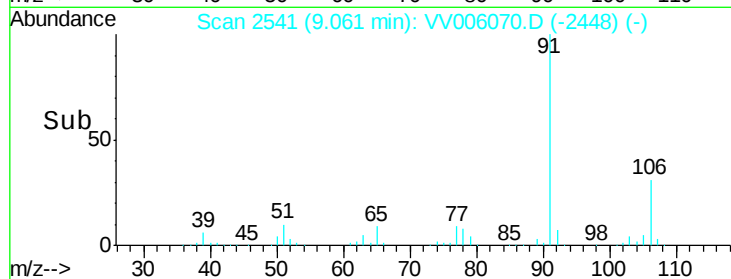
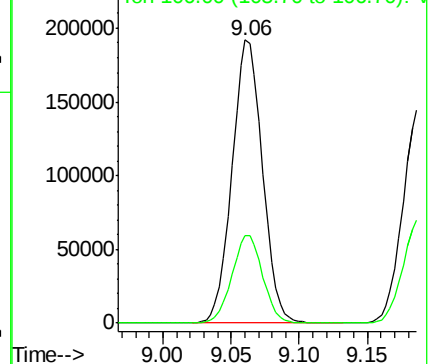
Ion Ratio Lower Upper

91 100

106 31.0 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV006070.D (-2448) (-)



#53

m,p-Xylene

Concen: 50.92 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006070.D

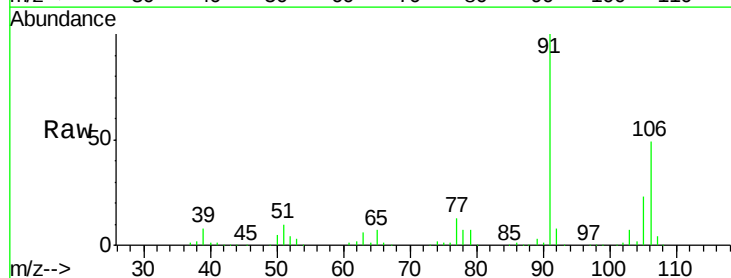
Acq: 26 May 2018 21:28

Tgt Ion: 106 Resp: 113454

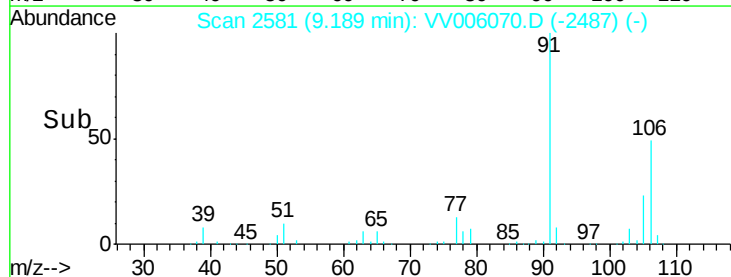
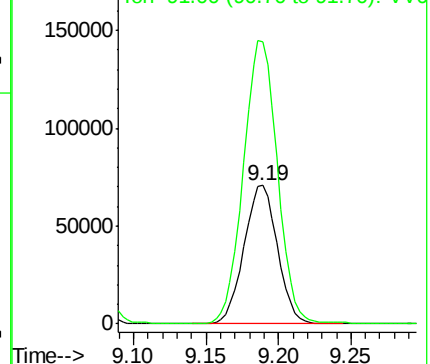
Ion Ratio Lower Upper

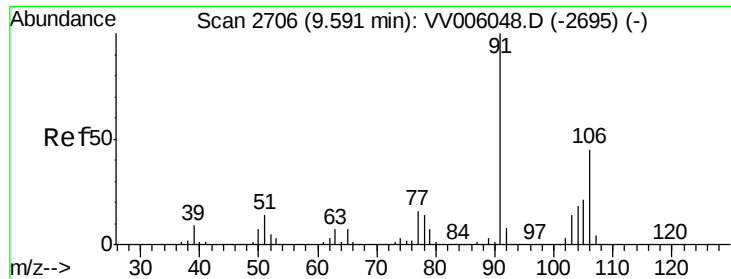
106 100

91 204.3 146.4 271.8



Abundance Ion 106.00 (105.70 to 106.70): VV006070.D (-2487) (-)





#54

o-xylene

Concen: 51.32 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006070.D

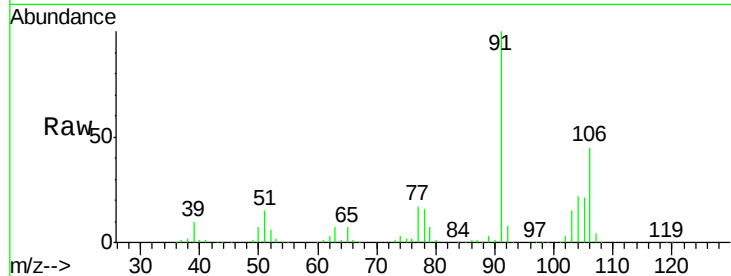
Acq: 26 May 2018 21:28

Tgt Ion:106 Resp: 113054

Ion Ratio Lower Upper

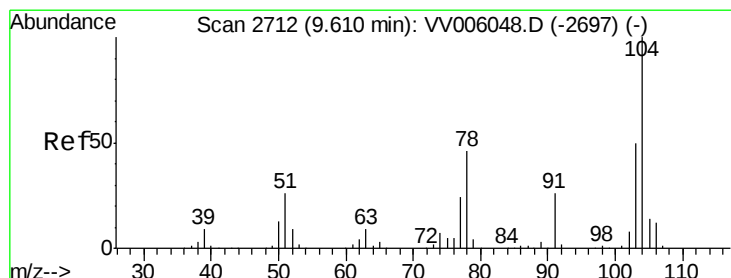
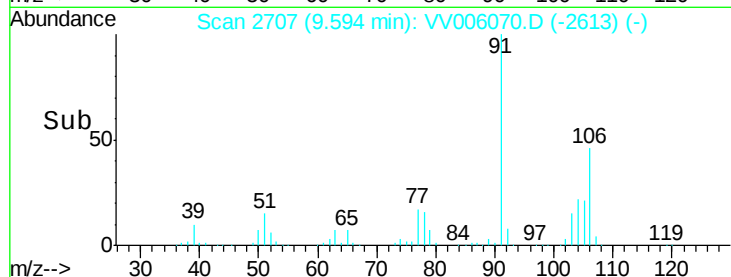
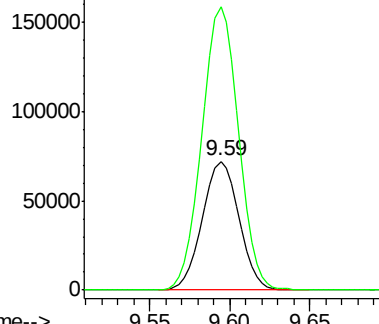
106 100

91 219.8 155.7 289.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 52.30 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006070.D

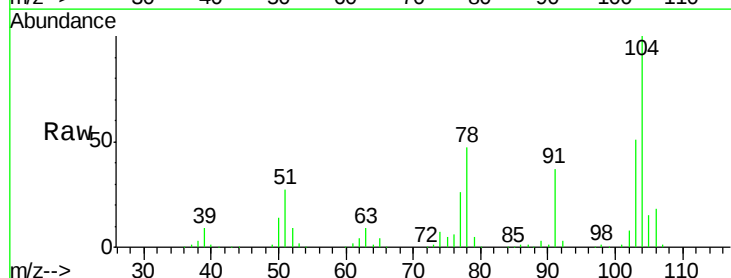
Acq: 26 May 2018 21:28

Tgt Ion:104 Resp: 197165

Ion Ratio Lower Upper

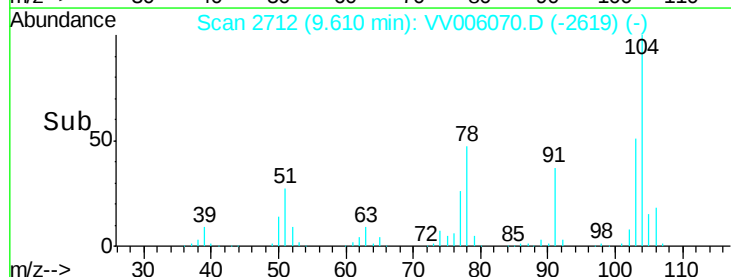
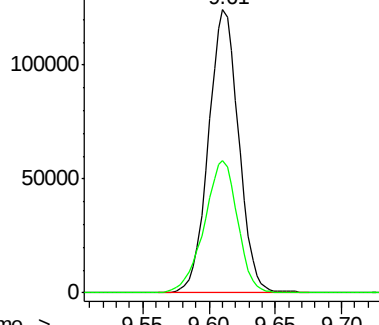
104 100

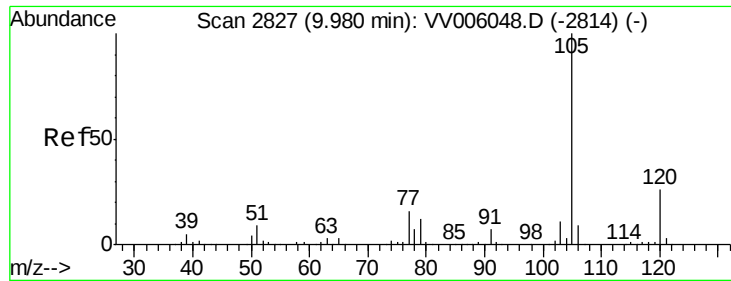
78 46.8 32.3 60.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 50.61 ug/L

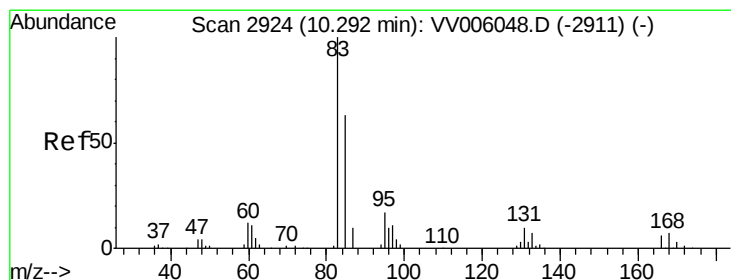
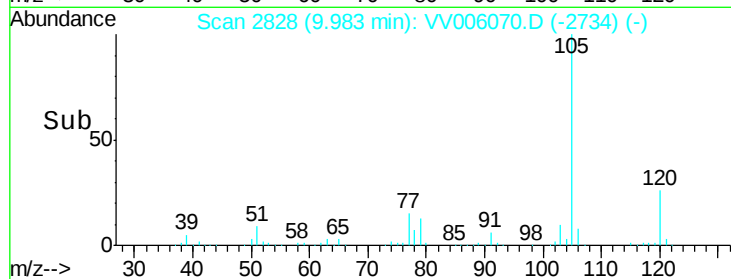
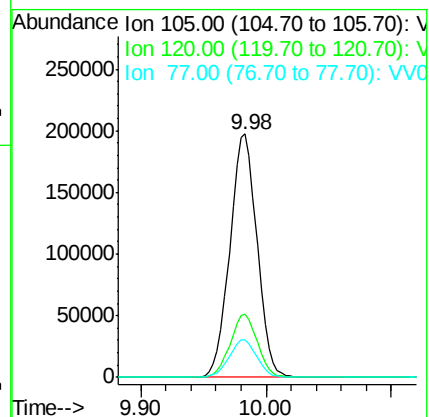
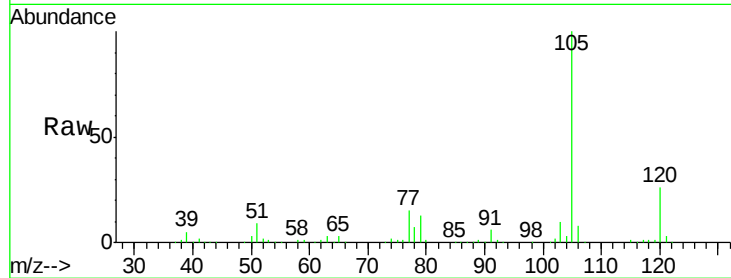
RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

Tgt Ion:	105	Resp:	297789
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.6	31.0
77	15.7	12.9	19.3



#58

1,1,2,2-Tetrachloroethane

Concen: 51.15 ug/L

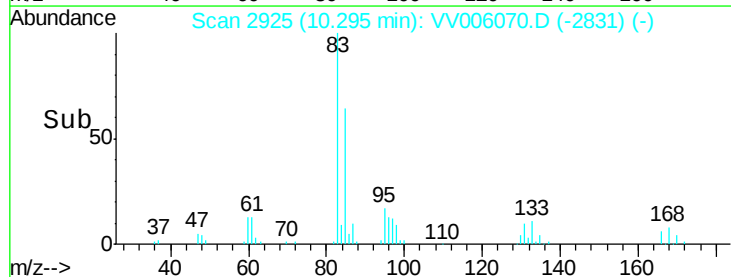
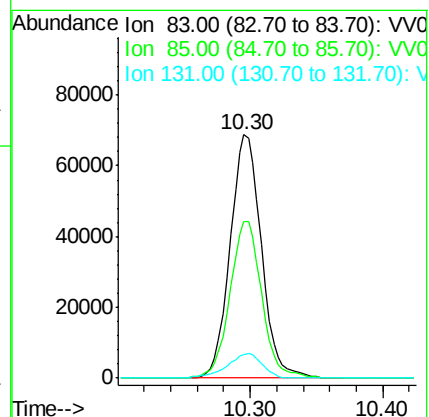
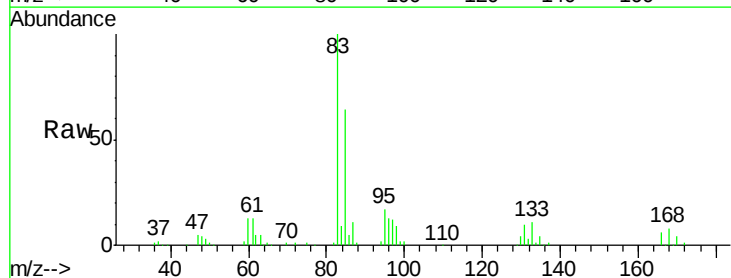
RT: 10.30 min Scan# 2925

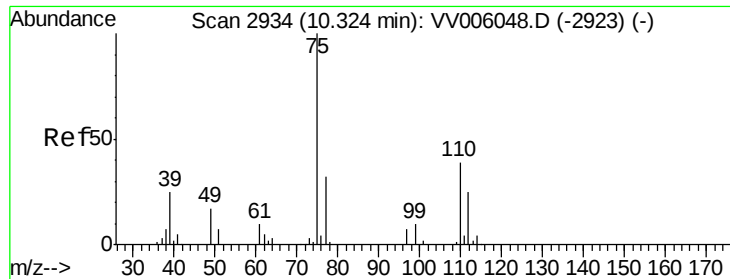
Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

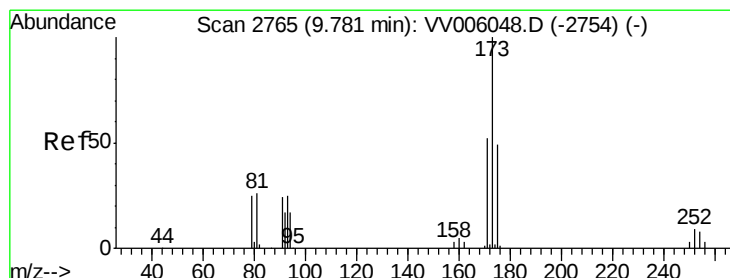
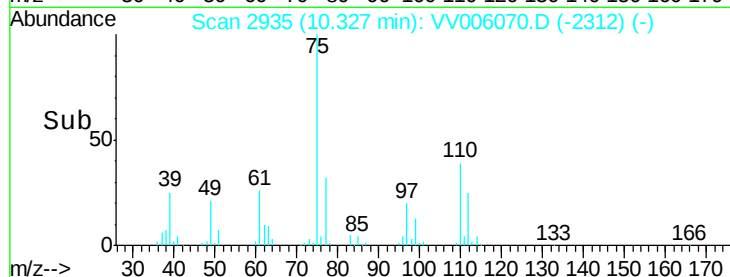
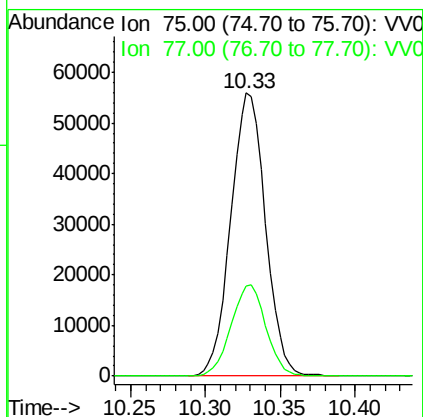
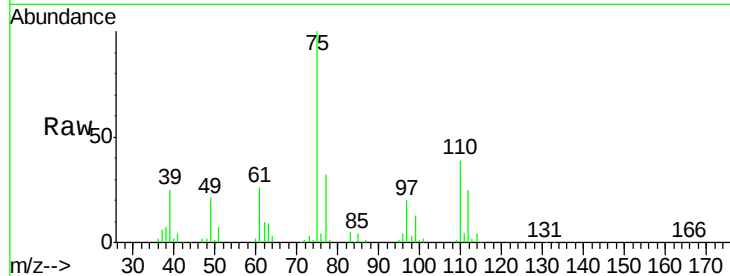
Tgt Ion:	83	Resp:	112600
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.4	84.2
131	9.9	8.5	12.7





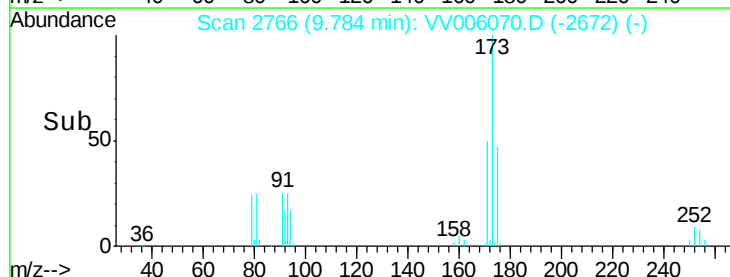
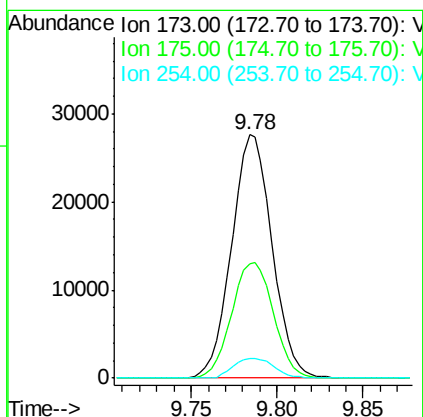
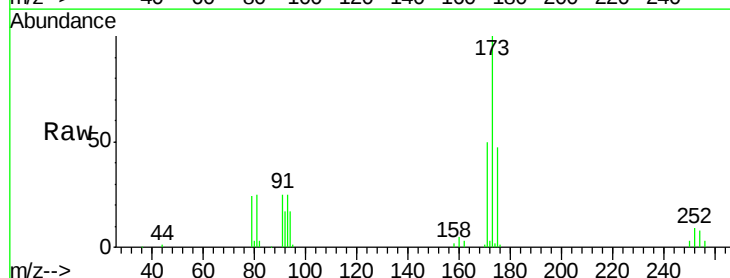
#59
 1,2,3-Trichloropropane
 Concen: 50.24 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

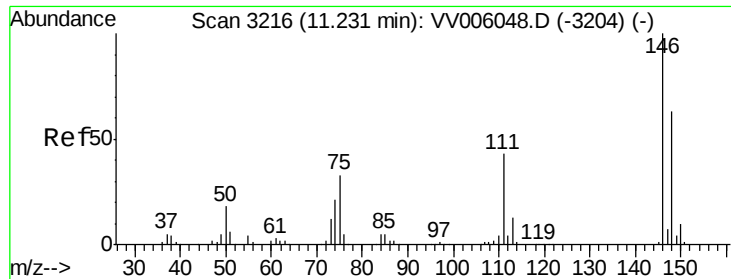
Tgt Ion: 75 Resp: 90401
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#61
 Bromoform
 Concen: 46.10 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

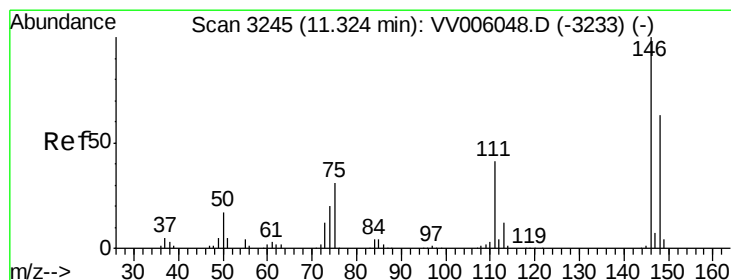
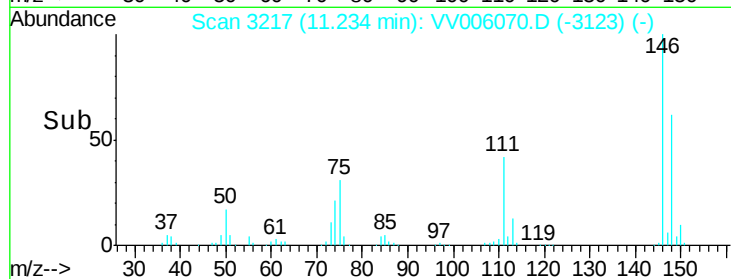
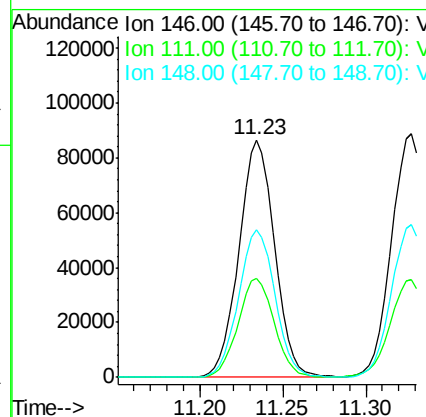
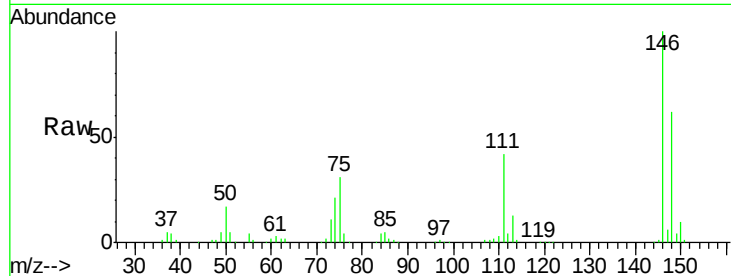
Tgt Ion: 173 Resp: 45183
 Ion Ratio Lower Upper
 173 100
 175 49.0 38.6 57.8
 254 8.1 6.3 9.5





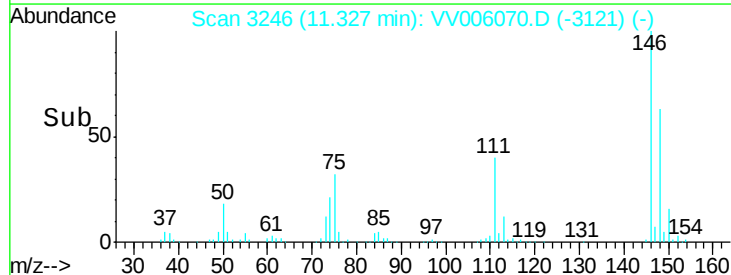
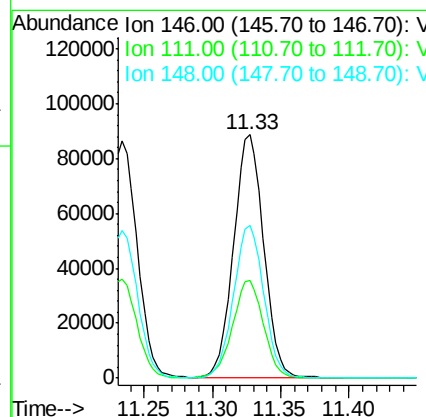
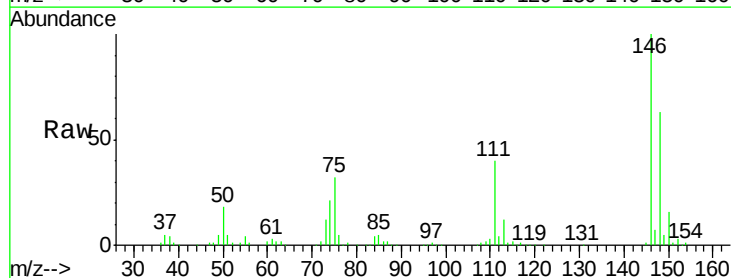
#62
 1,3-Dichlorobenzene
 Concen: 47.92 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

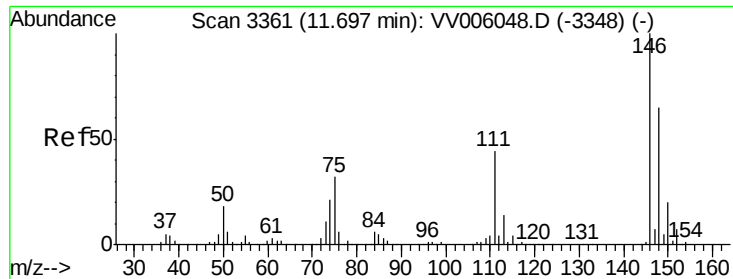
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	29.8	55.3
148	62.1	45.4	84.4



#63
 1,4-Dichlorobenzene
 Concen: 48.09 ug/L
 RT: 11.33 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.8	53.4
148	62.6	44.7	83.1





#65

1,2-Dichlorobenzene

Concen: 49.92 ug/L

RT: 11.70 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

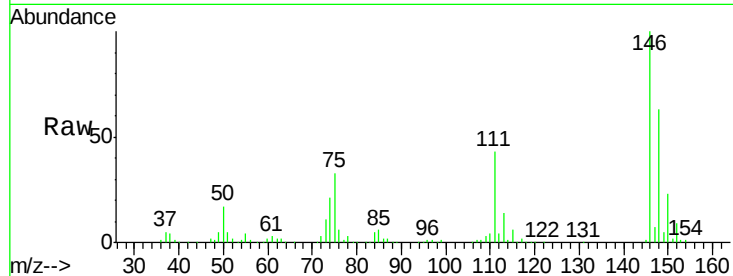
Tgt Ion: 146 Resp: 145154

Ion Ratio Lower Upper

146 100

111 43.4 35.3 52.9

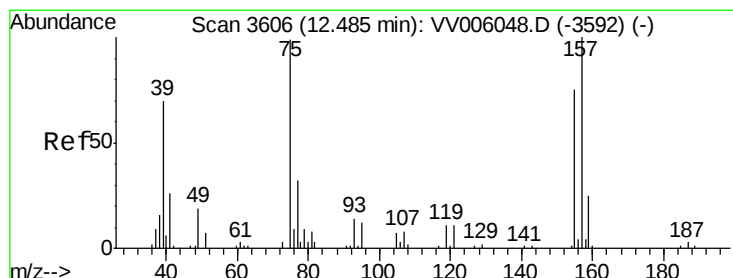
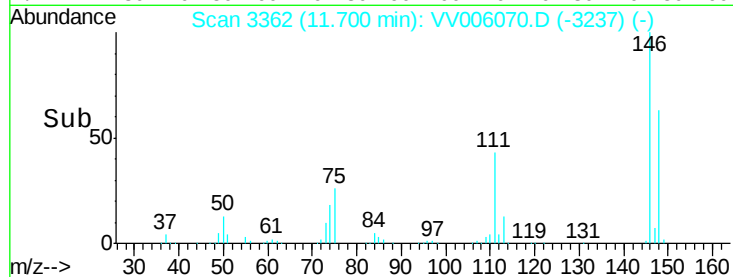
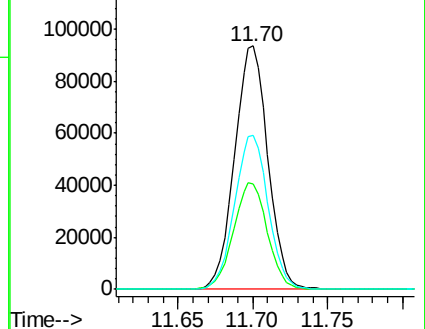
148 63.4 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 45.06 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006070.D

Acq: 26 May 2018 21:28

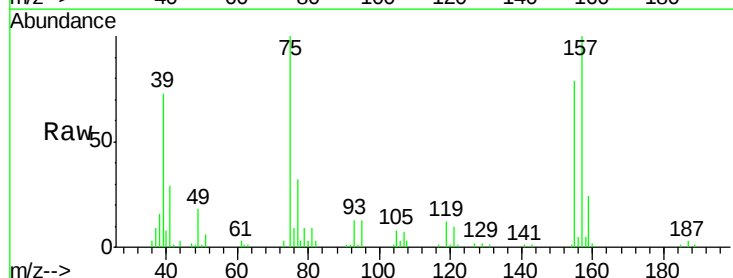
Tgt Ion: 75 Resp: 21865

Ion Ratio Lower Upper

75 100

155 79.0 60.1 90.1

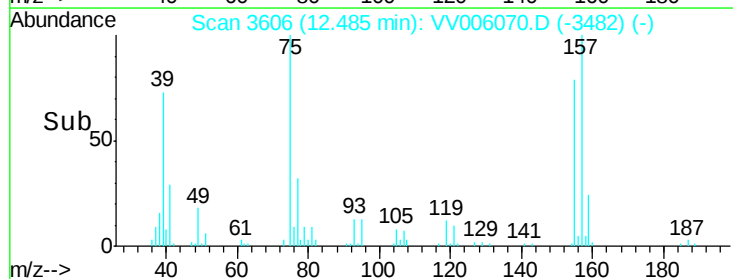
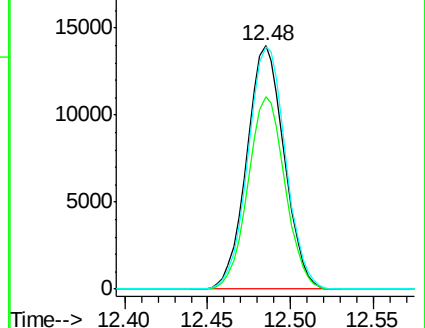
157 99.8 78.4 117.6

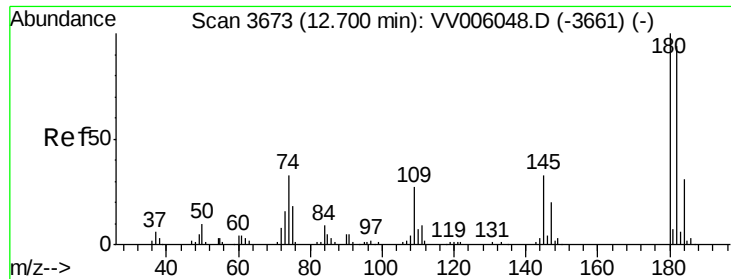


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

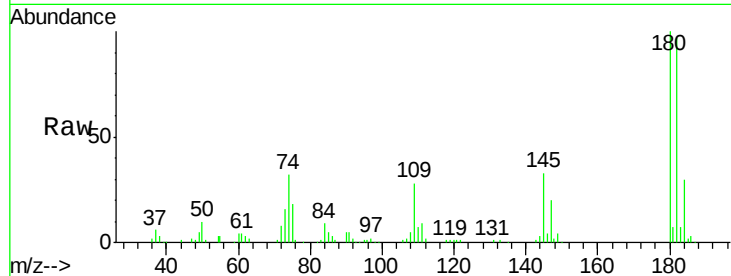
Ion 157.00 (156.70 to 157.70): V



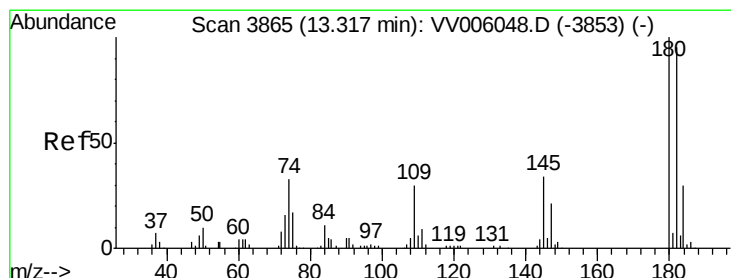
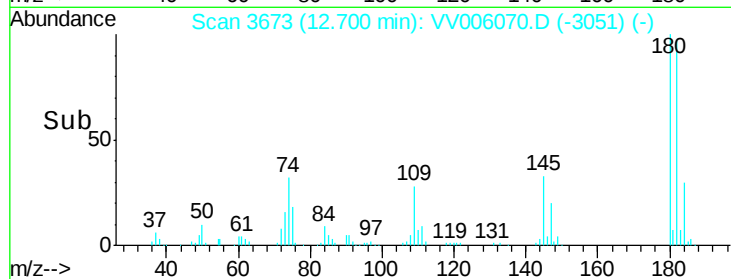
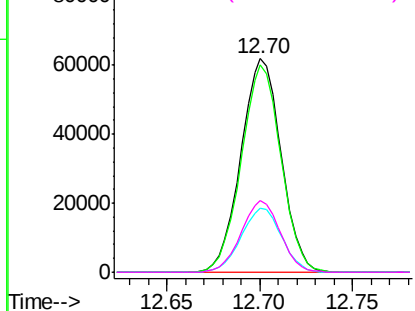


#67
 1,3,5-Trichlorobenzene
 Concen: 48.31 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

Tgt Ion:180 Resp: 93348
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.7 113.5
 184 30.1 24.3 36.5
 145 32.7 25.8 38.6

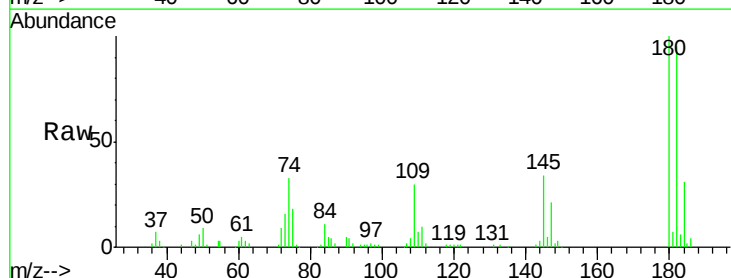


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

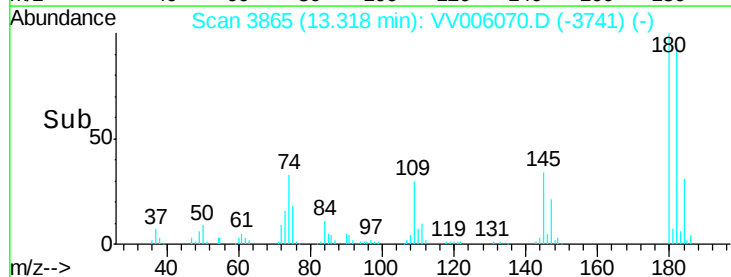
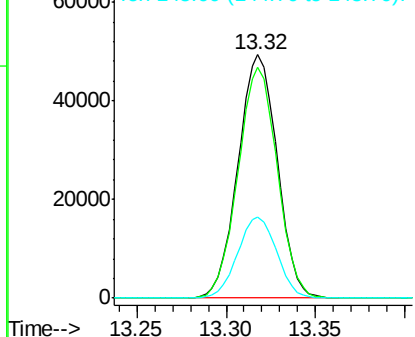


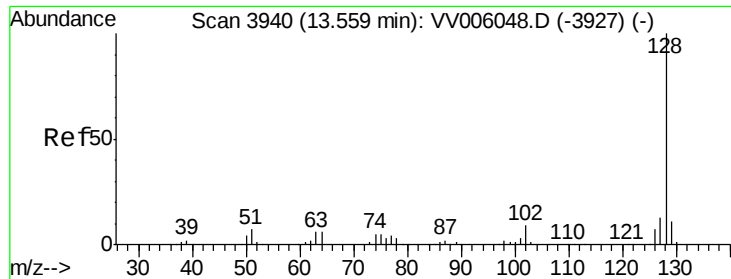
#68
 1,2,4-trichlorobenzene
 Concen: 47.64 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006070.D
 Acq: 26 May 2018 21:28

Tgt Ion:180 Resp: 75591
 Ion Ratio Lower Upper
 180 100
 182 94.7 74.9 112.3
 145 33.2 26.3 39.5



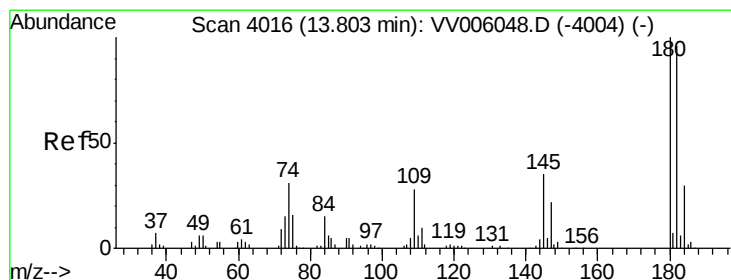
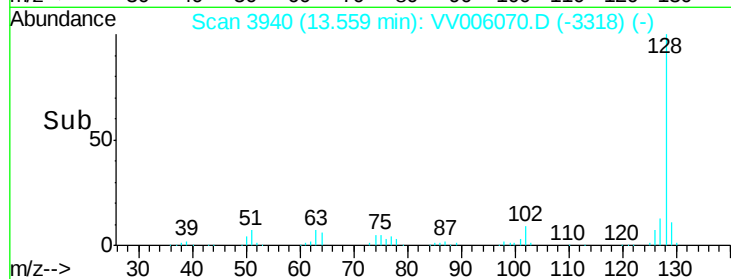
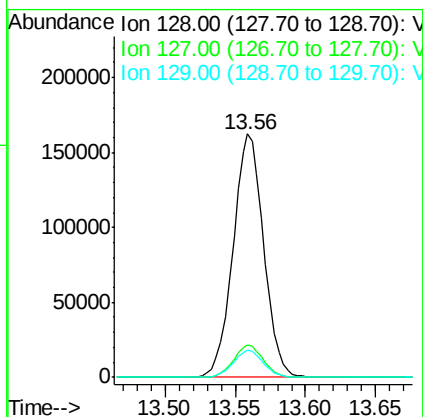
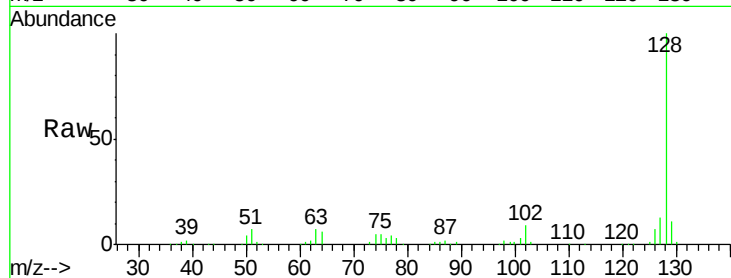
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 49.33 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion:128 Resp: 245569
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2



#70
1,2,3-Trichlorobenzene
Concen: 49.28 ug/L
RT: 13.80 min Scan# 4015
Delta R.T. -0.00 min
Lab File: VV006070.D
Acq: 26 May 2018 21:28

Tgt Ion:180 Resp: 85898
Ion Ratio Lower Upper
180 100
182 94.1 76.2 114.2
145 34.5 28.6 42.8

