

Data File : VV006087.D
Acq On : 27 May 2018 15:11
Operator : SY/MD
Sample : VSTD20074
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 28 00:00:05 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	279356	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	158841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	473759	234.87	ug/L	0.00
7) Chloroethane-d5	1.55	69	190246	151.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	842050	225.63	ug/L	0.00
21) 2-Butanone-d5	3.96	46	573698	516.31	ug/L	0.00
24) Chloroform-d	4.41	84	836316	223.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	538684	220.43	ug/L	0.00
32) Benzene-d6	5.10	84	1738479	235.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	567224	238.95	ug/L	0.00
41) Toluene-d8	7.37	98	1668378	243.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	280049	261.27	ug/L	0.00
47) 2-Hexanone-d5	8.15	63	525441	561.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	849038	257.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	781954	236.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	411746	172.32	ug/L	# 82
3) Chloromethane	1.26	50	488421	185.87	ug/L	98
5) Vinyl chloride	1.33	62	455842	192.89	ug/L	99
6) Bromomethane	1.51	94	172685	173.98	ug/L	99
8) Chloroethane	1.57	64	127199	106.29	ug/L	99
9) Trichlorofluoromethane	1.74	101	593927	182.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	368949	197.55	ug/L	99
12) 1,1-Dichloroethene	2.13	96	341173	198.42	ug/L	96
13) Acetone	2.20	43	450388	382.65	ug/L	100
14) Carbon disulfide	2.31	76	990845	196.17	ug/L	100
15) Methyl Acetate	2.47	43	437809	182.51	ug/L	100
16) Methylene chloride	2.54	84	382741	187.53	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	361326	196.02	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	1199924	193.47	ug/L	99
19) 1,1-Dichloroethane	3.23	63	695550	186.16	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	402993	185.37	ug/L	99
22) 2-Butanone	4.04	43	635456	384.37	ug/L	99
23) Bromochloromethane	4.31	128	204389	192.35	ug/L	99
25) Chloroform	4.43	83	684727	176.49	ug/L	100
27) 1,2-Dichloroethane	5.19	62	542239	172.69	ug/L	99
29) Cyclohexane	4.73	56	653772	200.47	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	583708	171.55	ug/L	98
31) Carbon tetrachloride	4.88	117	517899	176.22	ug/L	100
33) Benzene	5.15	78	1540257	185.66	ug/L	100
34) Trichloroethene	5.96	95	389638	183.61	ug/L	99
35) Methylcyclohexane	6.18	83	681893	203.98	ug/L	99
37) 1,2-Dichloropropane	6.23	63	418803	187.40	ug/L	100
38) Bromodichloromethane	6.56	83	520933	183.86	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	671779	206.47	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	1194422	403.77	ug/L	99

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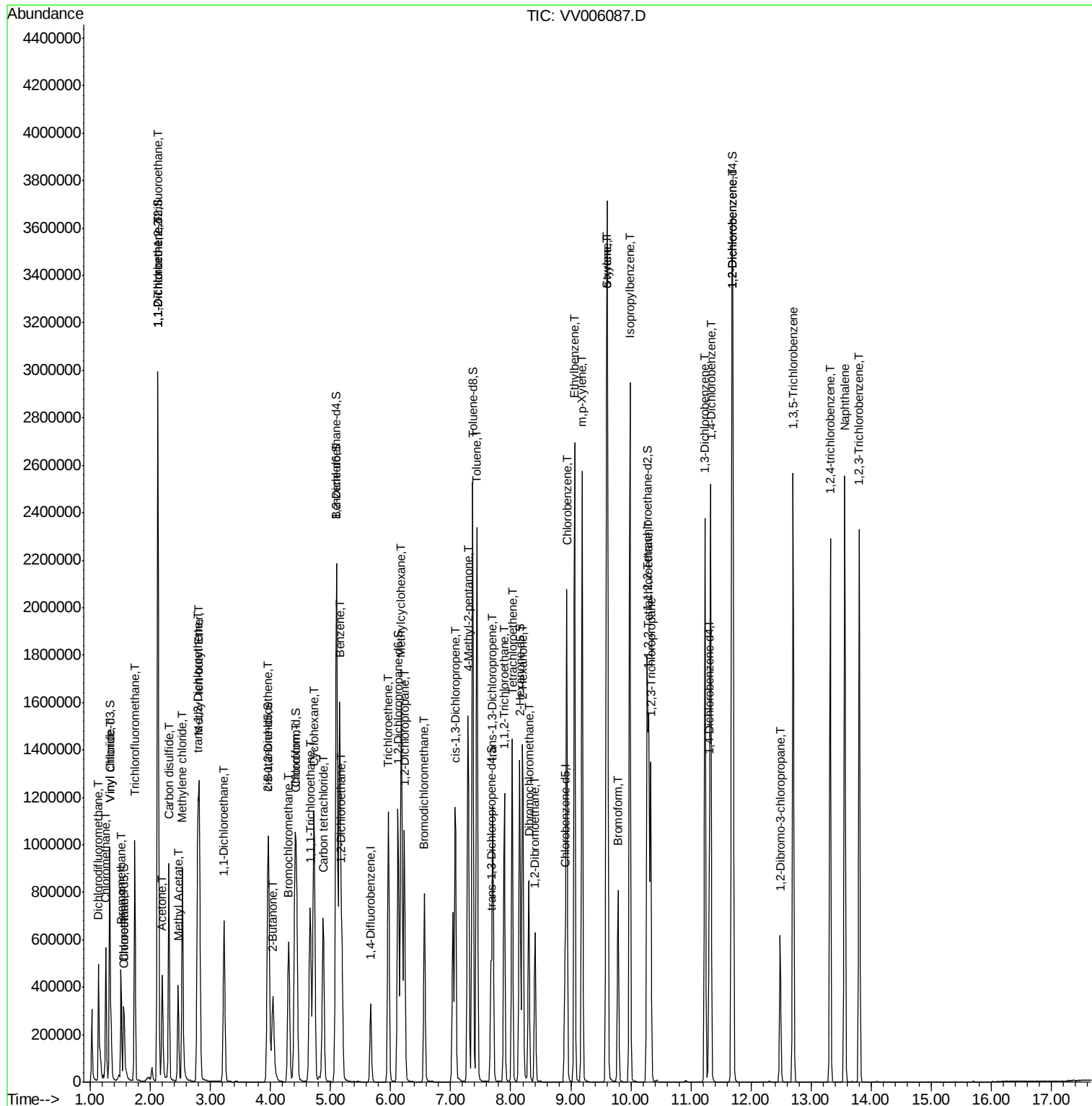
Quant Time: May 28 00:00:05 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

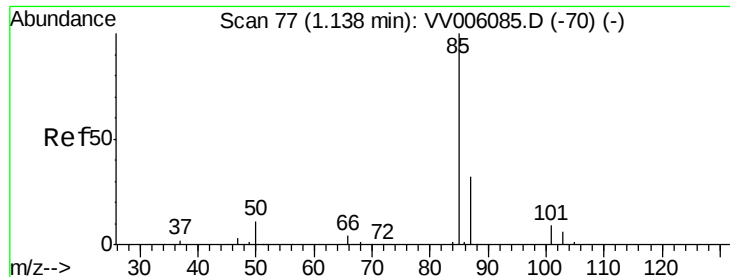
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1654191	192.21	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	624203	204.60	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	392354	185.94	ug/L	99
46) Tetrachloroethene	8.03	164	333649	203.58	ug/L	99
48) 2-Hexanone	8.20	43	987840	427.16	ug/L	98
49) Dibromochloromethane	8.30	129	448862	201.69	ug/L	99
50) 1,2-Dibromoethane	8.40	107	407101	187.71	ug/L	99
51) Chlorobenzene	8.93	112	1084978	188.64	ug/L	99
52) Ethylbenzene	9.06	91	1868830	197.89	ug/L	99
53) m,p-Xylene	9.19	106	716122	204.18	ug/L	99
54) o-xylene	9.59	106	715237	207.20	ug/L	97
55) Styrene	9.61	104	1259456	212.69	ug/L	100
56) Isopropylbenzene	9.98	105	1902320	206.42	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	721227	204.71	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	547463	192.44	ug/L	100
61) Bromoform	9.79	173	368540	194.55	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	972066	185.90	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	998484	181.96	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	1029607	182.25	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	143000	158.19	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	802295	210.44	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	706488	227.39	ug/L	99
69) Naphthalene	13.56	128	1960594	209.00	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	720519	211.41	ug/L	99

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

ALS Vial : 6 Sample Multiplier: 1

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 172.32 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006087.D

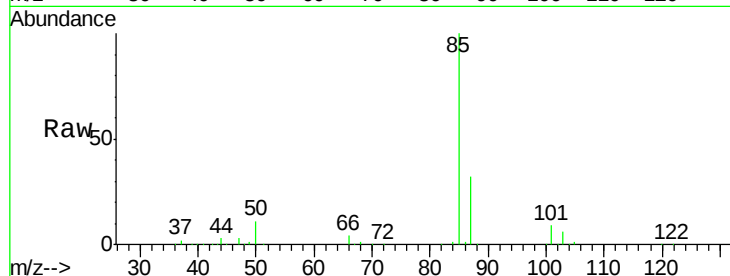
Acq: 27 May 2018 15:11

Tgt Ion: 85 Resp: 411746

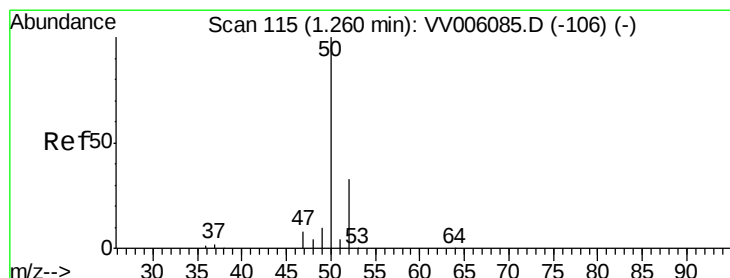
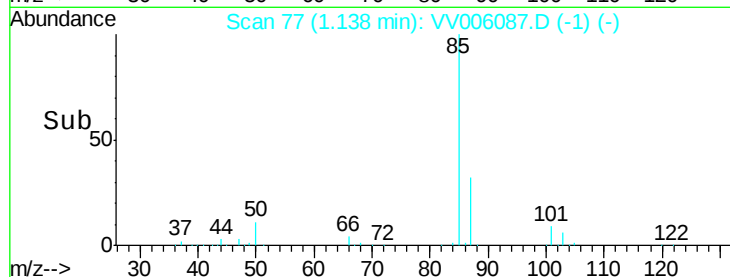
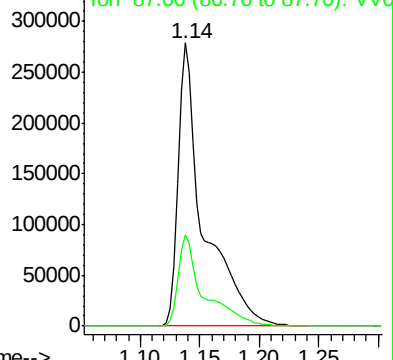
Ion Ratio Lower Upper

85 100

87 32.1 18.6 28.0#



Abundance Ion 85.00 (84.70 to 85.70): VV006087.D (-70) (-)



#3

Chloromethane

Concen: 185.87 ug/L

RT: 1.26 min Scan# 115

Delta R.T. 0.00 min

Lab File: VV006087.D

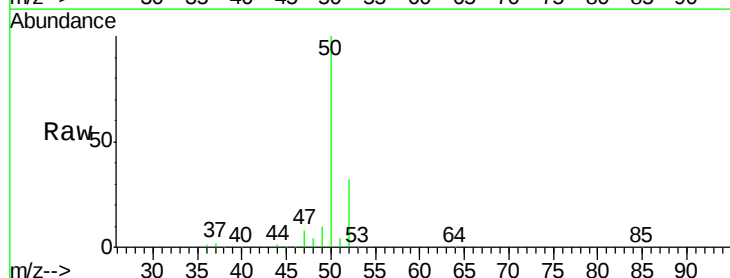
Acq: 27 May 2018 15:11

Tgt Ion: 50 Resp: 488421

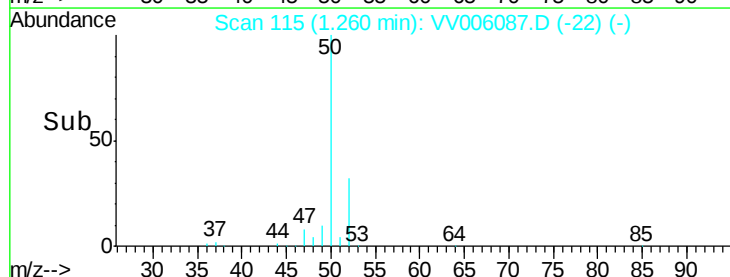
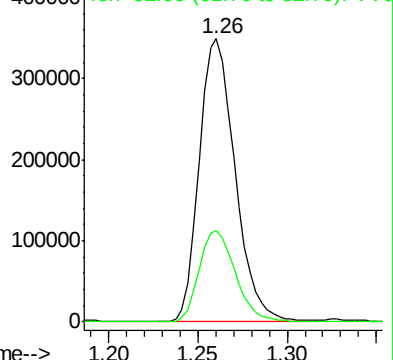
Ion Ratio Lower Upper

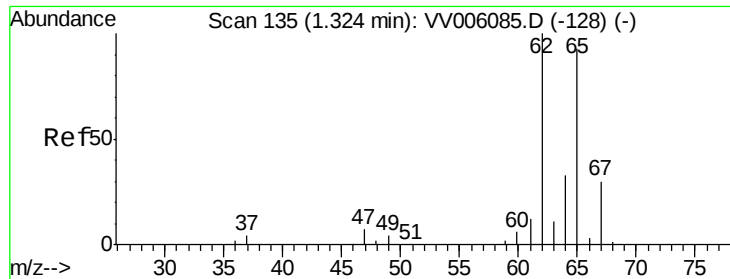
50 100

52 32.2 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV006087.D (-106) (-)





#5

Vinyl chloride

Concen: 192.89 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV006087.D

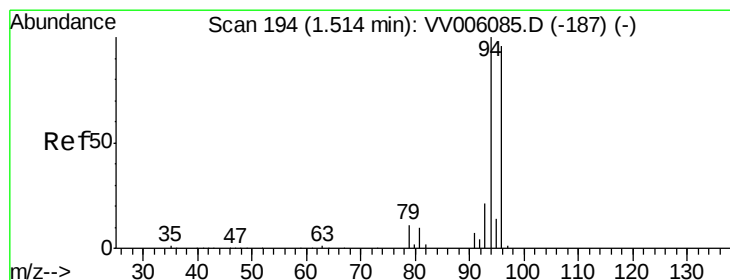
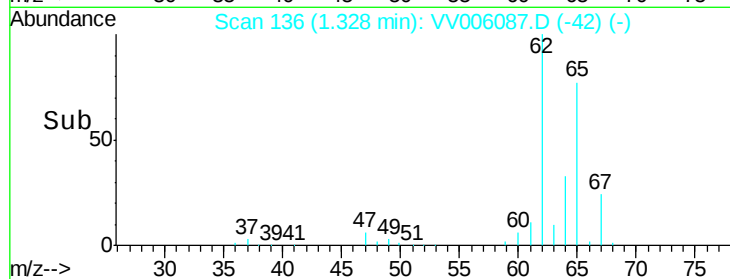
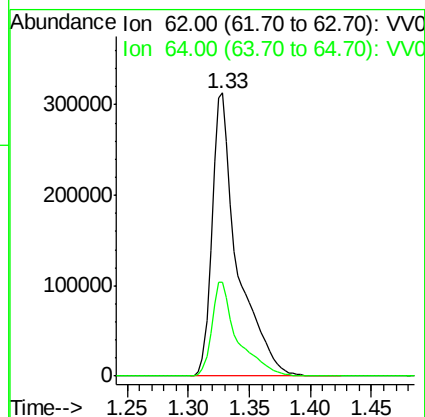
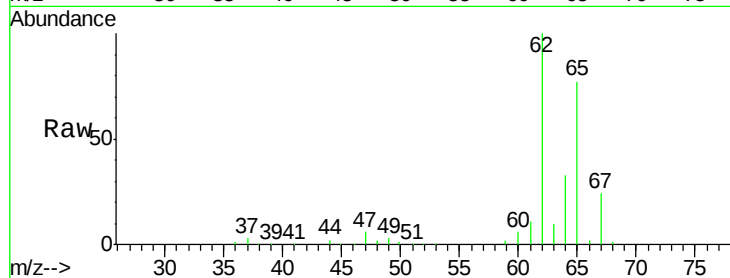
Acq: 27 May 2018 15:11

Tgt Ion: 62 Resp: 455842

Ion Ratio Lower Upper

62 100

64 33.4 23.1 42.9



#6

Bromomethane

Concen: 173.98 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006087.D

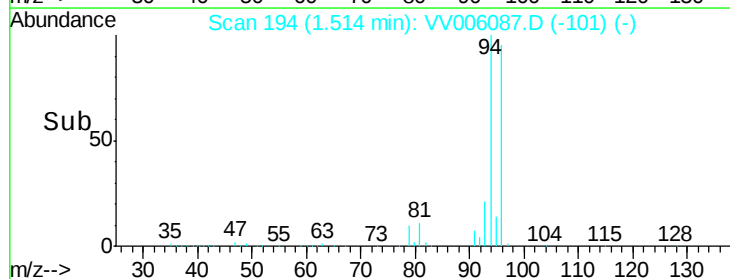
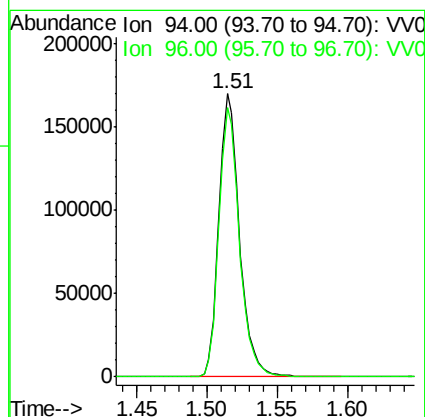
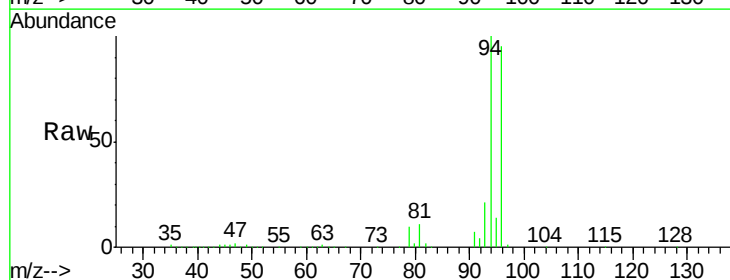
Acq: 27 May 2018 15:11

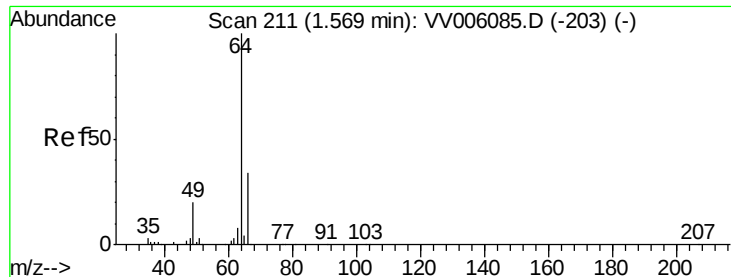
Tgt Ion: 94 Resp: 172685

Ion Ratio Lower Upper

94 100

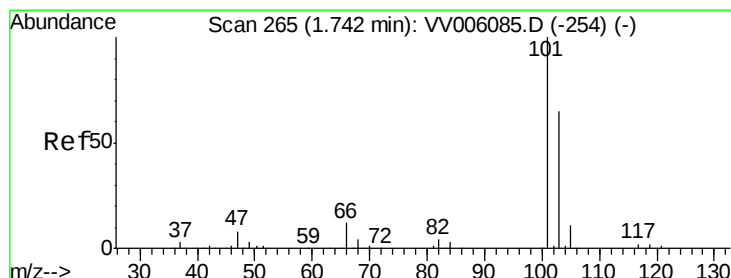
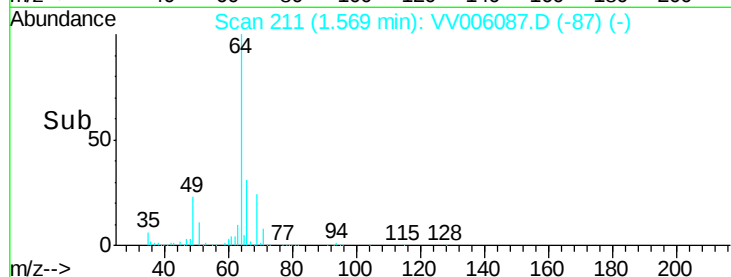
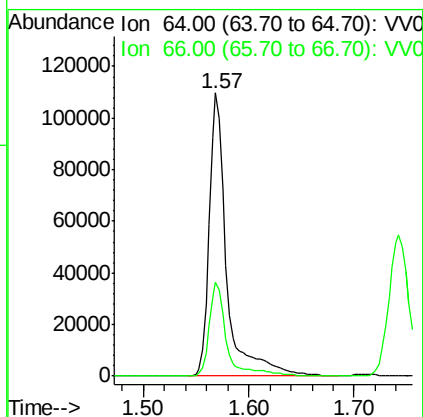
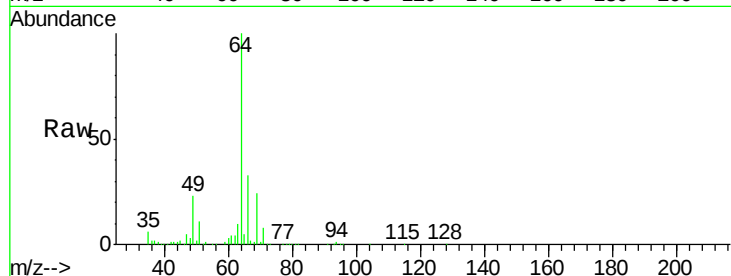
96 95.3 67.3 125.1





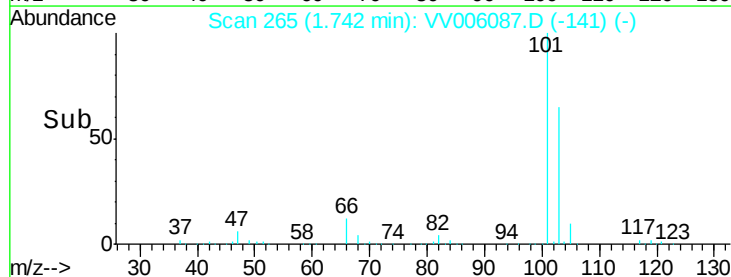
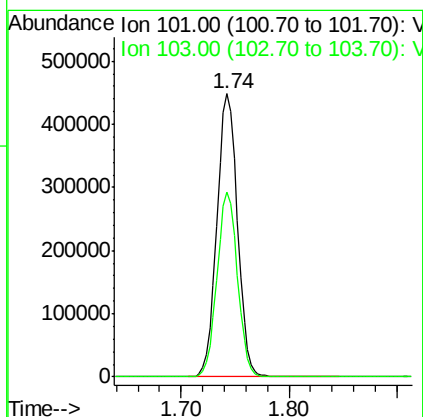
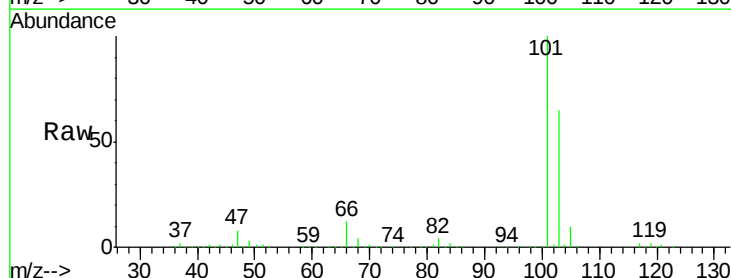
#8
Chloroethane
Concen: 106.29 ug/L
RT: 1.57 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

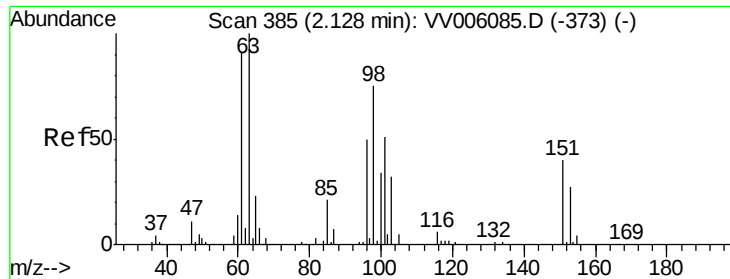
Tgt Ion: 64 Resp: 127199
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 182.10 ug/L
RT: 1.74 min Scan# 265
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 101 Resp: 593927
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4





#10

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

Concen: 197.55 ug/L

RT: 2.13 min Scan# 385

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

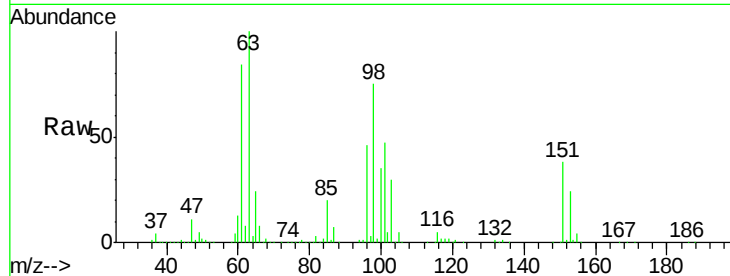
Tgt Ion: 101 Resp: 368949

Ion Ratio Lower Upper

101 100

85 42.1 34.0 51.0

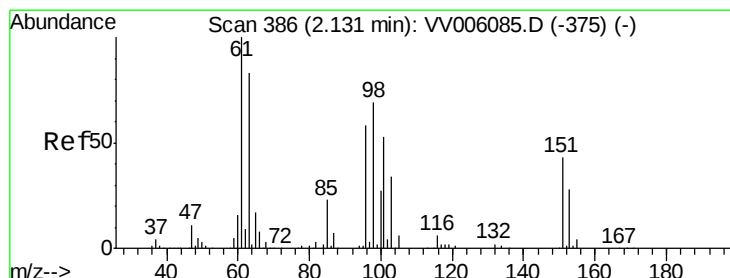
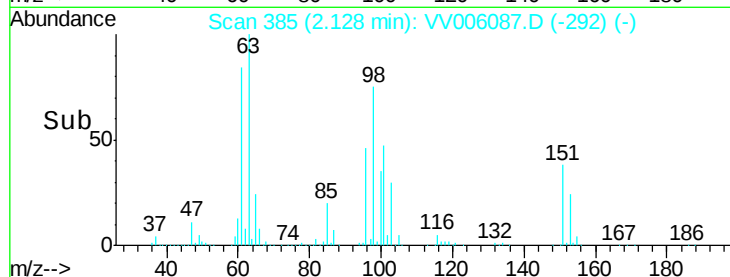
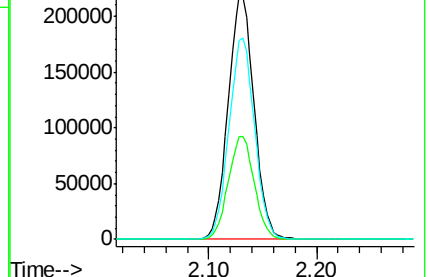
151 81.5 64.7 97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006087.D (-292) (-)

Ion 85.00 (84.70 to 85.70): VV006087.D (-292) (-)

Ion 151.00 (150.70 to 151.70): VV006087.D (-292) (-)



#12

1,1-Dichloroethene

Concen: 198.42 ug/L

RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

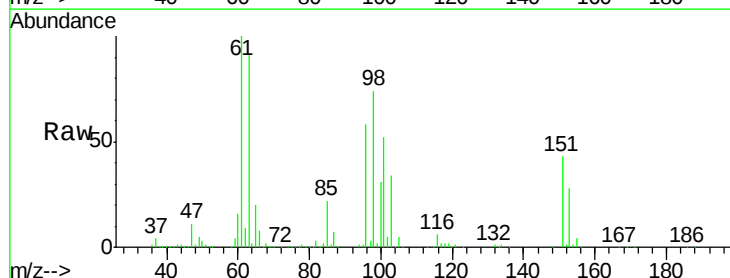
Tgt Ion: 96 Resp: 341173

Ion Ratio Lower Upper

96 100

61 172.4 120.5 223.9

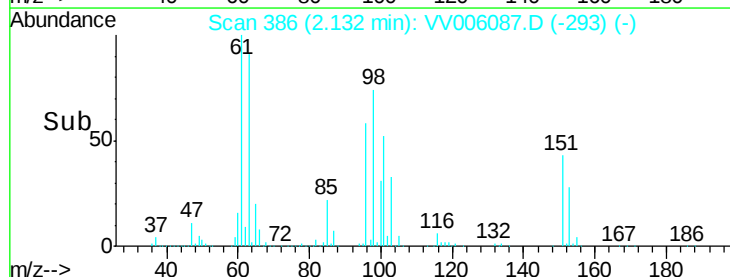
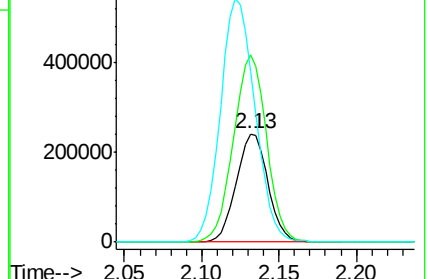
63 157.4 103.3 191.9

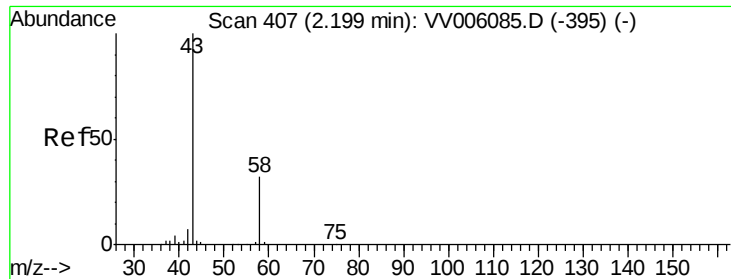


Abundance Ion 96.00 (95.70 to 96.70): VV006087.D (-293) (-)

Ion 61.00 (60.70 to 61.70): VV006087.D (-293) (-)

Ion 63.00 (62.70 to 63.70): VV006087.D (-293) (-)





#13

Acetone

Concen: 382.65 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV006087.D

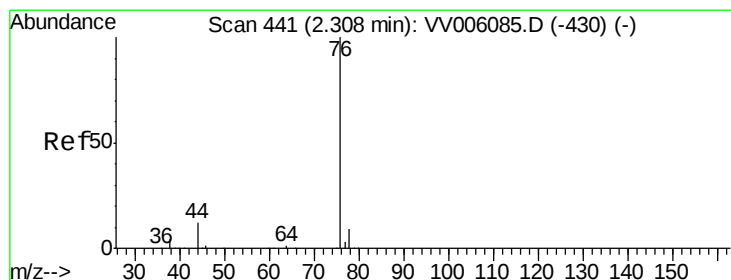
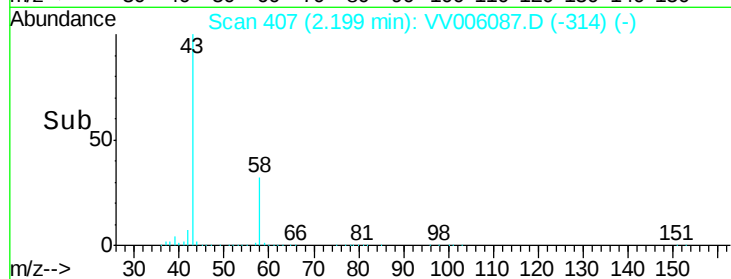
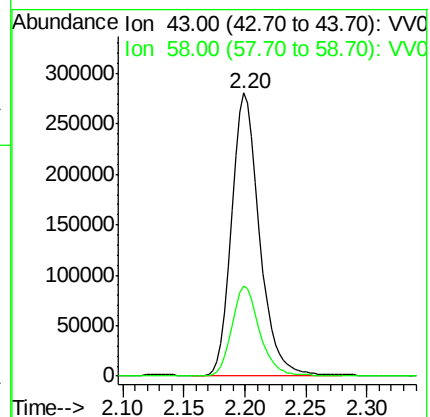
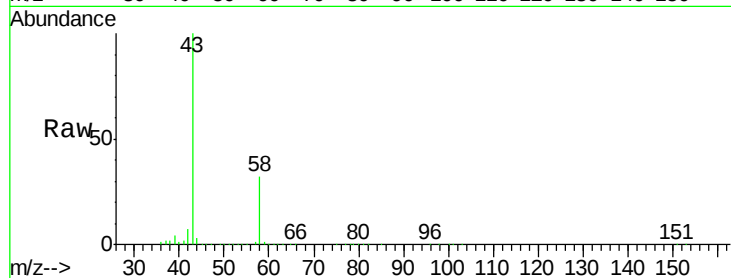
Acq: 27 May 2018 15:11

Tgt Ion: 43 Resp: 450388

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.4



#14

Carbon disulfide

Concen: 196.17 ug/L

RT: 2.31 min Scan# 442

Delta R.T. 0.00 min

Lab File: VV006087.D

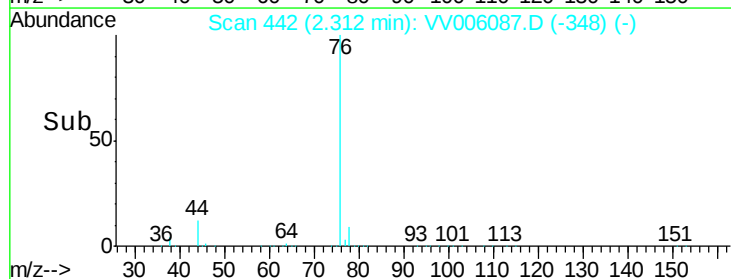
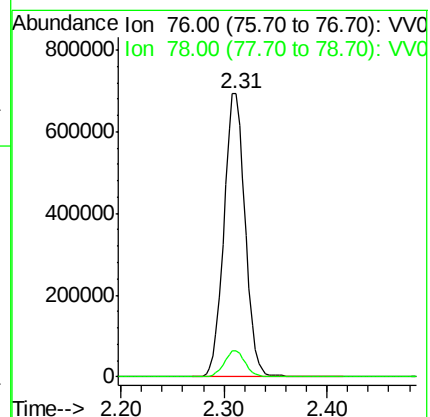
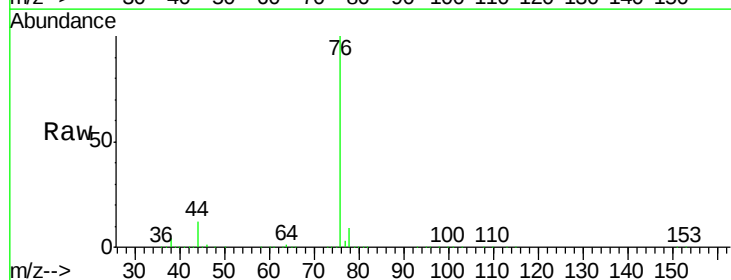
Acq: 27 May 2018 15:11

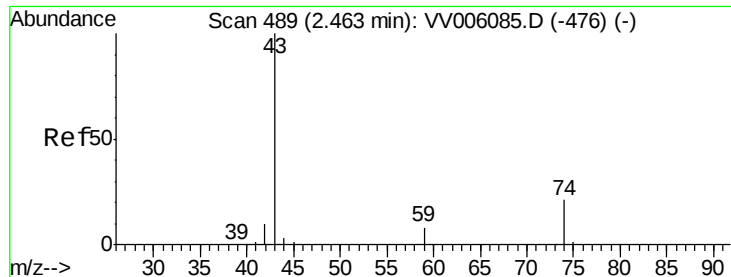
Tgt Ion: 76 Resp: 990845

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#15

Methyl Acetate

Concen: 182.51 ug/L

RT: 2.47 min Scan# 490

Delta R.T. 0.00 min

Lab File: VV006087.D

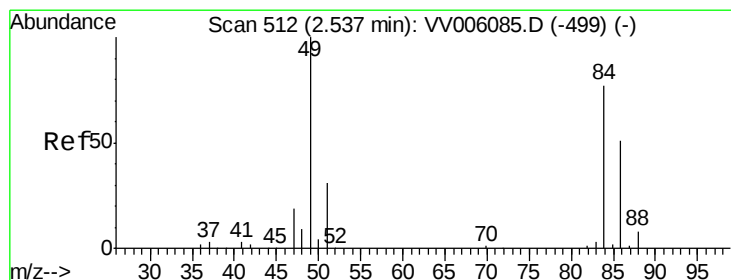
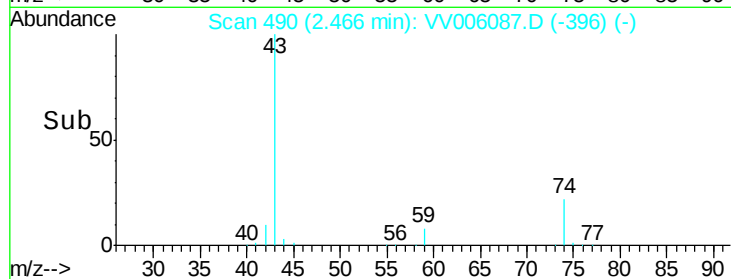
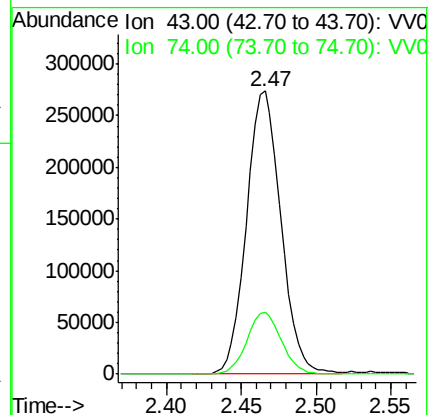
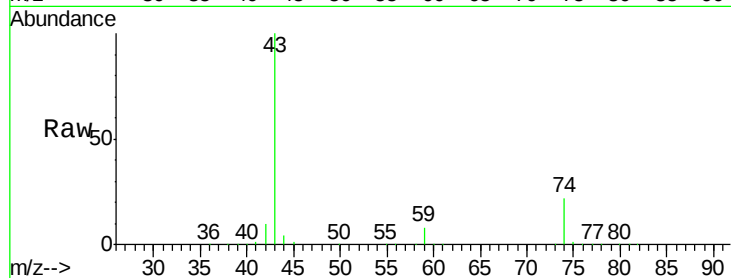
Acq: 27 May 2018 15:11

Tgt Ion: 43 Resp: 437809

Ion Ratio Lower Upper

43 100

74 21.9 17.6 26.4



#16

Methylene chloride

Concen: 187.53 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

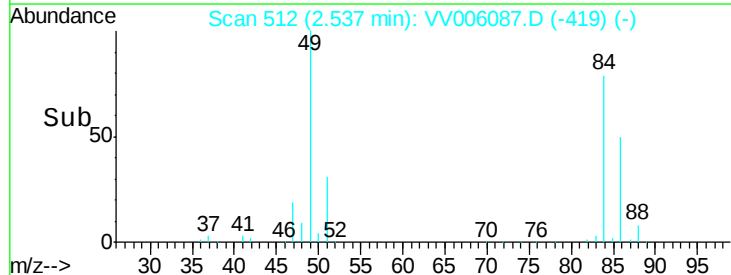
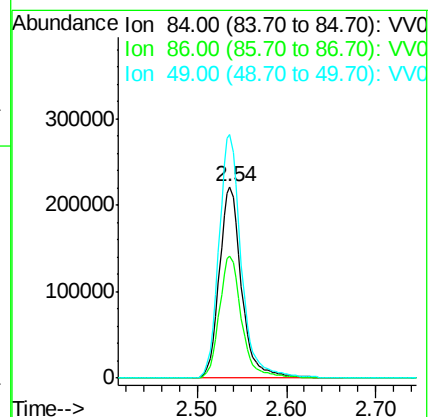
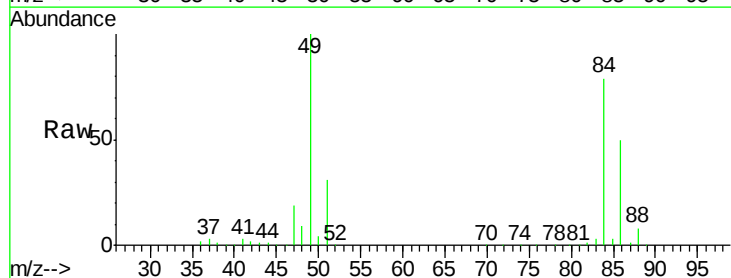
Tgt Ion: 84 Resp: 382741

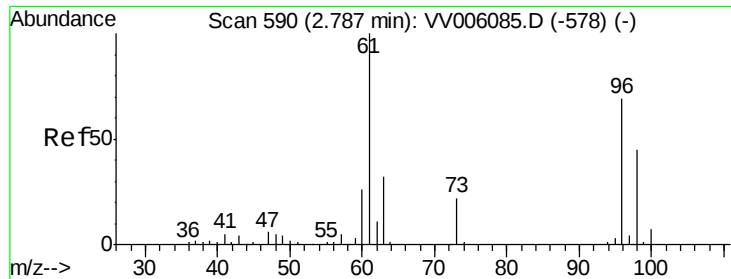
Ion Ratio Lower Upper

84 100

86 63.9 46.3 85.9

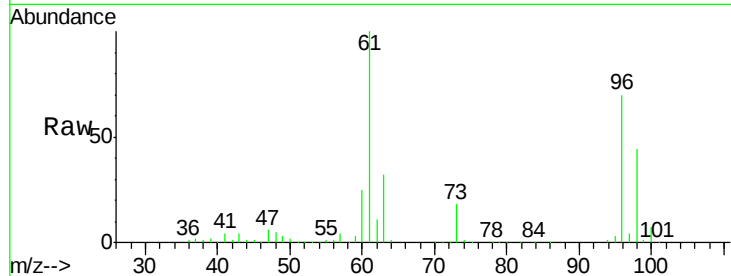
49 127.2 90.7 168.5



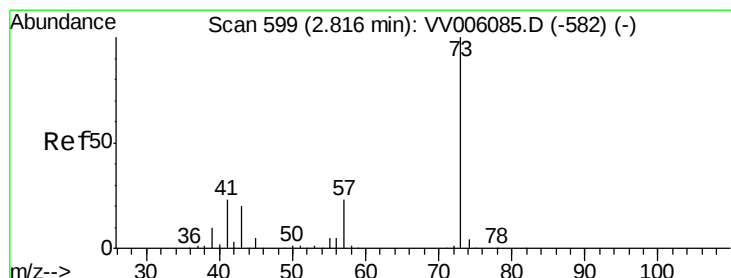
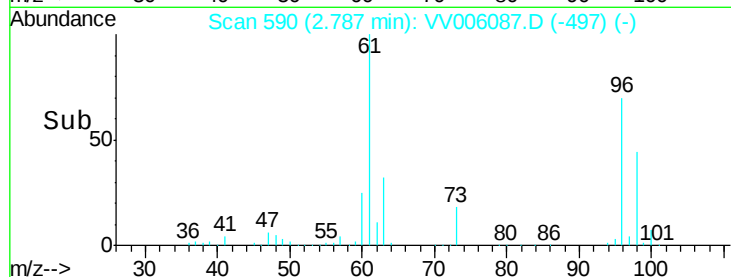
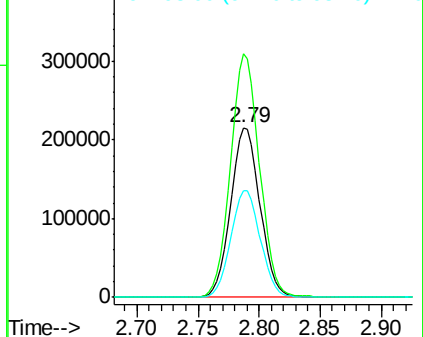


#17
trans-1,2-Dichloroethene
Concen: 196.02 ug/L
RT: 2.79 min Scan# 590
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 96 Resp: 361326
Ion Ratio Lower Upper
96 100
61 143.2 102.1 189.5
98 63.1 45.4 84.2

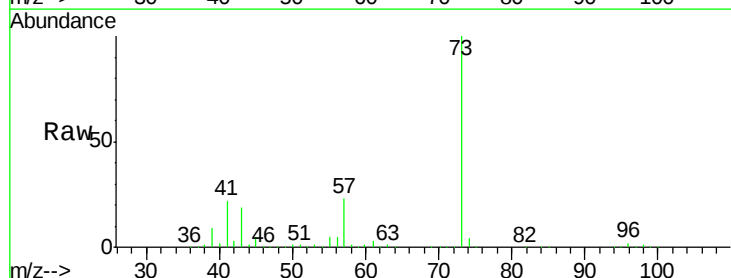


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

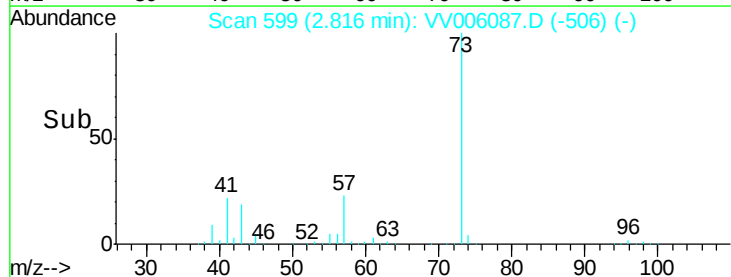
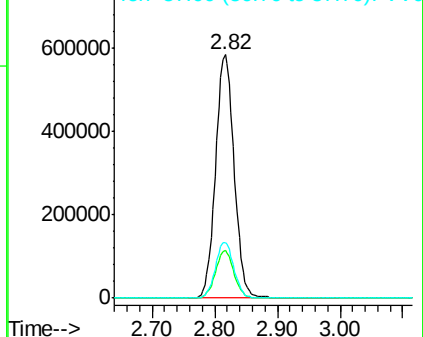


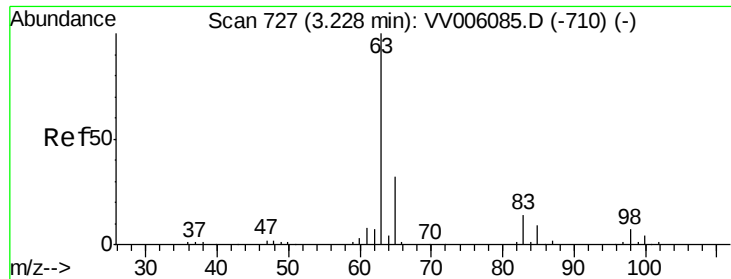
#18
Methyl tert-butyl Ether
Concen: 193.47 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 73 Resp: 1199924
Ion Ratio Lower Upper
73 100
43 19.4 15.9 23.9
57 22.8 18.2 27.4



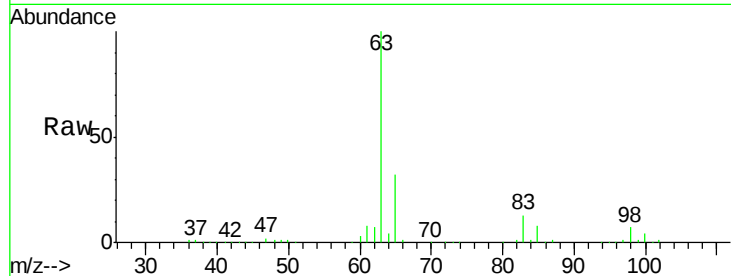
Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0



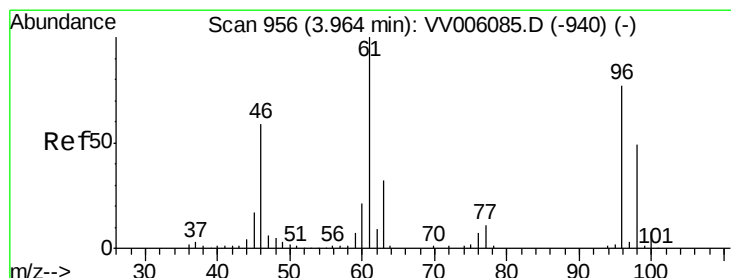
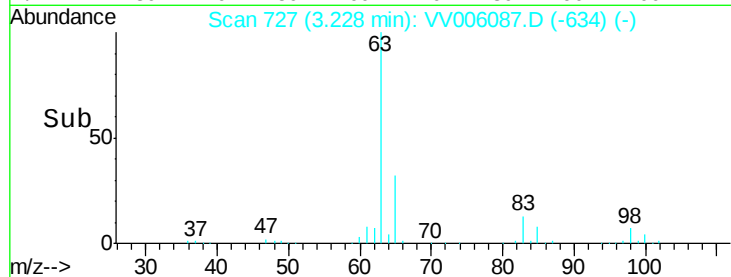
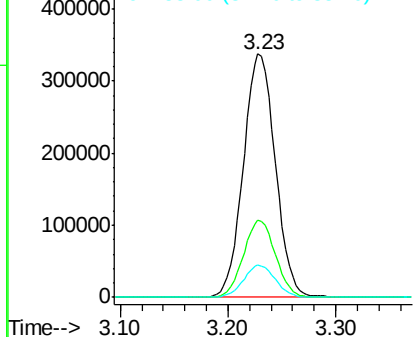


#19
 1,1-Dichloroethane
 Concen: 186.16 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 63 Resp: 695550
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.3 41.5
 83 13.1 9.5 17.7

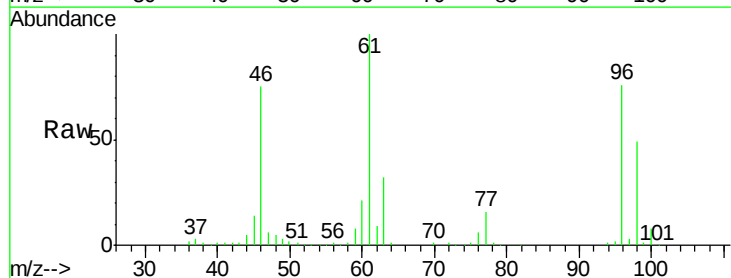


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

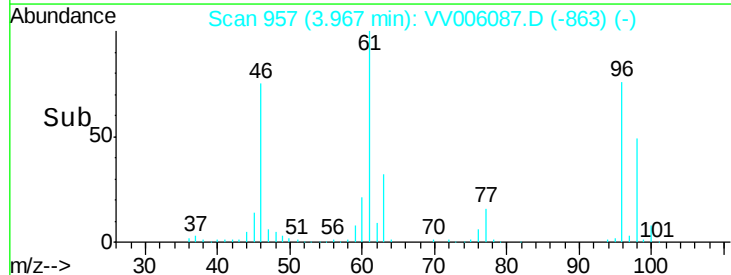
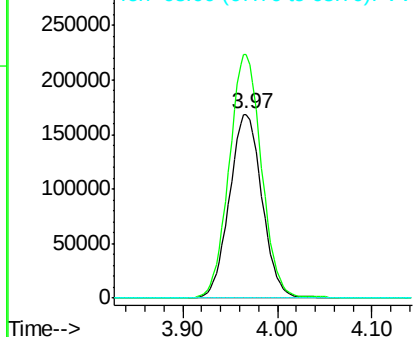


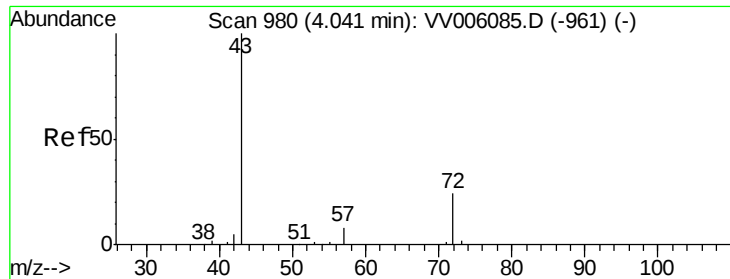
#20
 cis-1,2-Dichloroethene
 Concen: 185.37 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 96 Resp: 402993
 Ion Ratio Lower Upper
 96 100
 61 132.3 91.7 170.3
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 384.37 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV006087.D

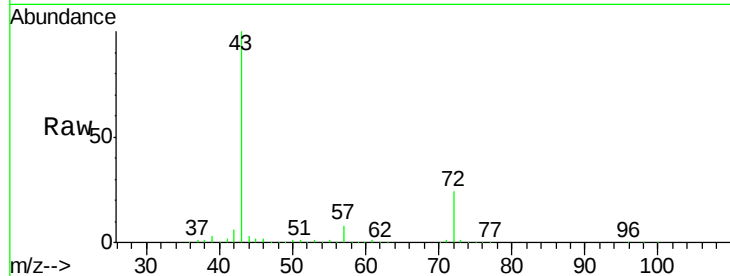
Acq: 27 May 2018 15:11

Tgt Ion: 43 Resp: 635456

Ion Ratio Lower Upper

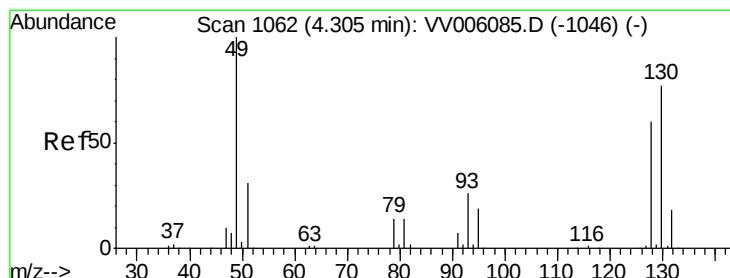
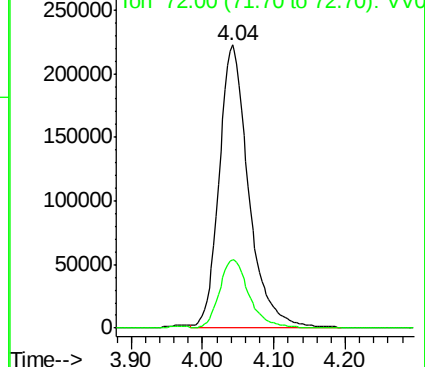
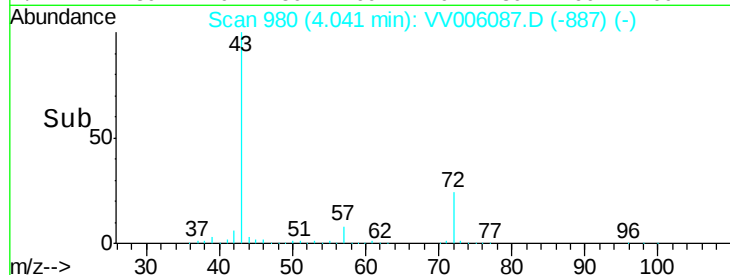
43 100

72 24.4 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006087.D (-887) (-)

Ion 72.00 (71.70 to 72.70): VV006087.D (-887) (-)



#23

Bromochloromethane

Concen: 192.35 ug/L

RT: 4.31 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

Tgt Ion: 128 Resp: 204389

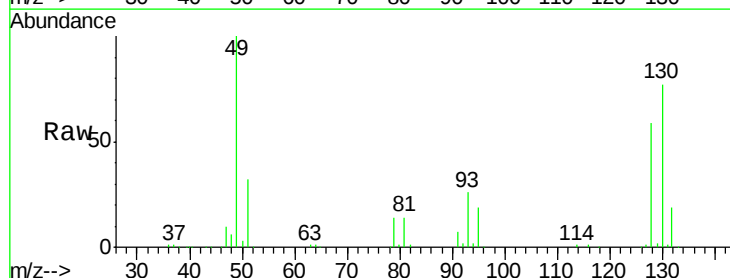
Ion Ratio Lower Upper

128 100

49 168.2 118.1 219.3

130 129.2 90.1 167.3

51 53.3 41.9 62.9

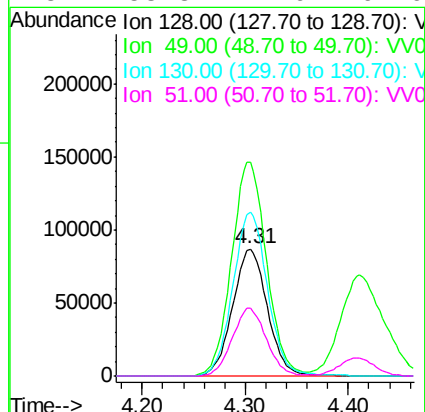
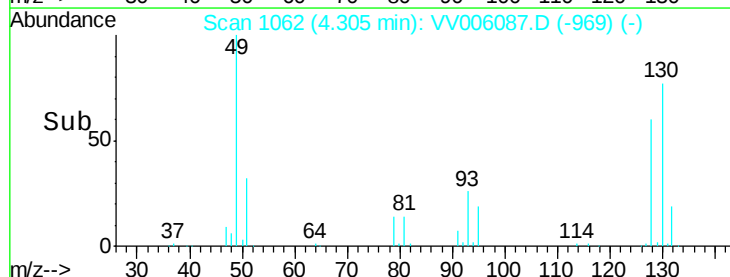


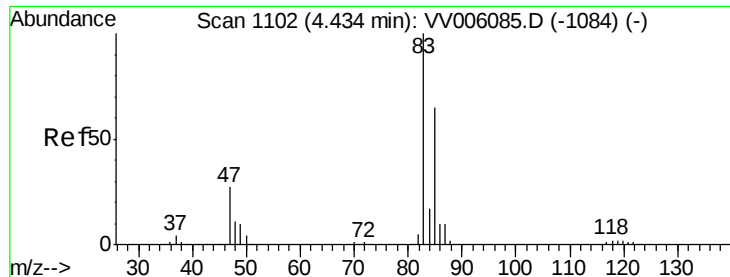
Abundance Ion 128.00 (127.70 to 128.70): VV006087.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006087.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006087.D (-969) (-)

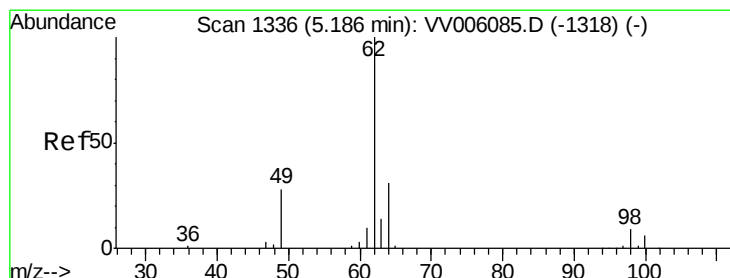
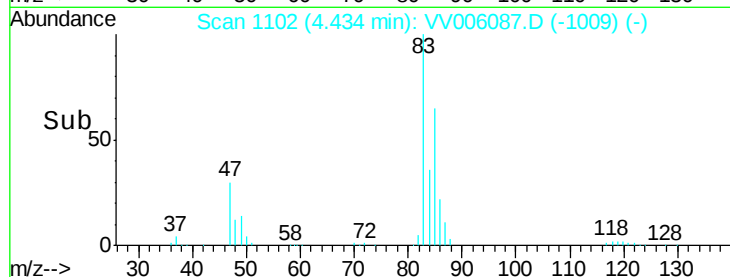
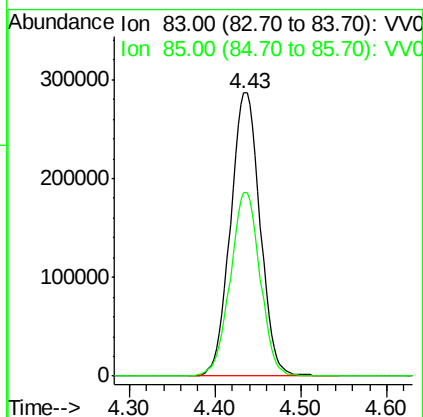
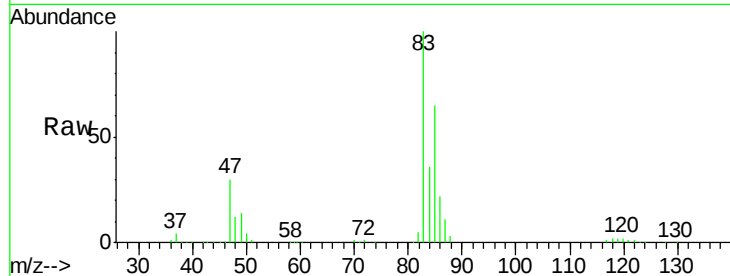
Ion 51.00 (50.70 to 51.70): VV006087.D (-969) (-)





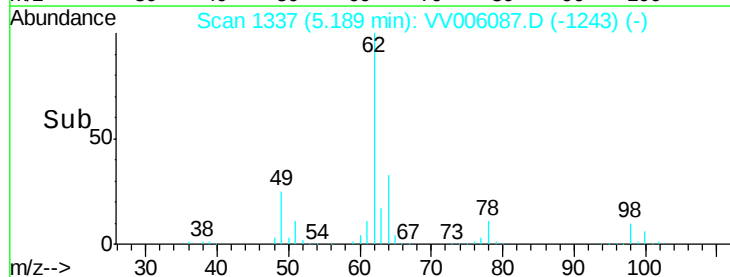
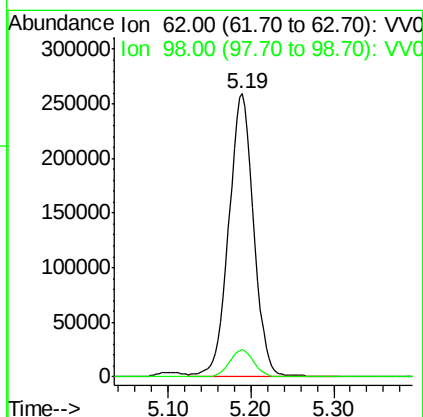
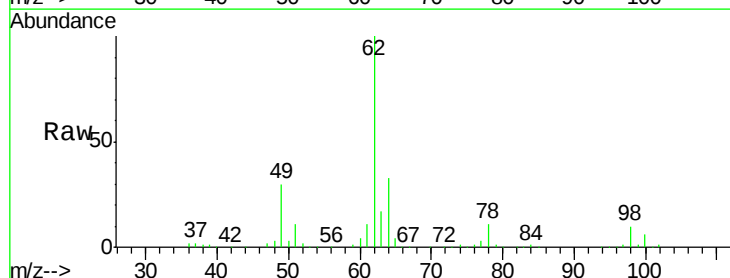
#25
Chloroform
Concen: 176.49 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

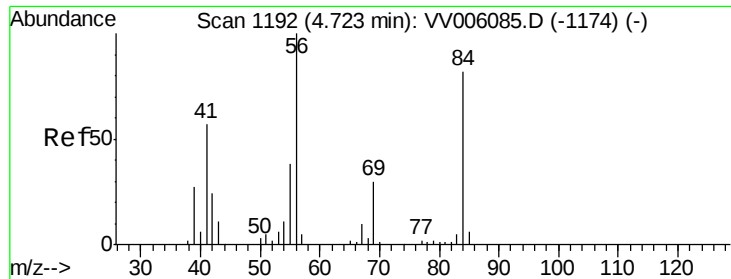
Tgt Ion: 83 Resp: 684727
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 172.69 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

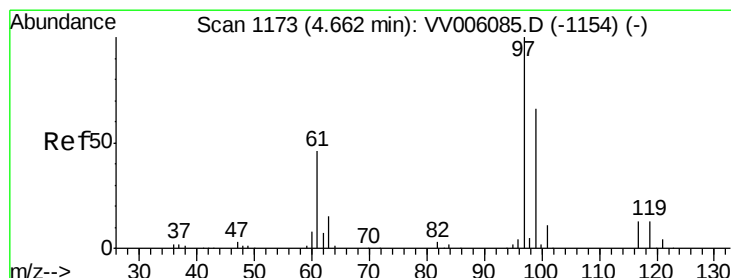
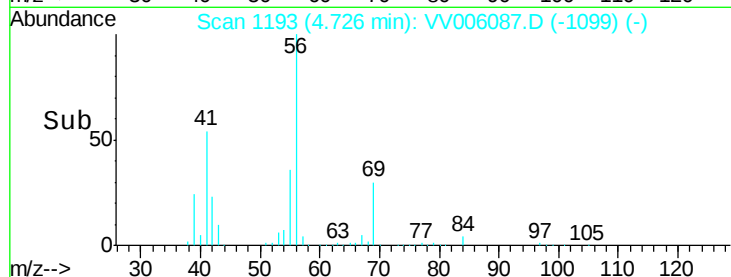
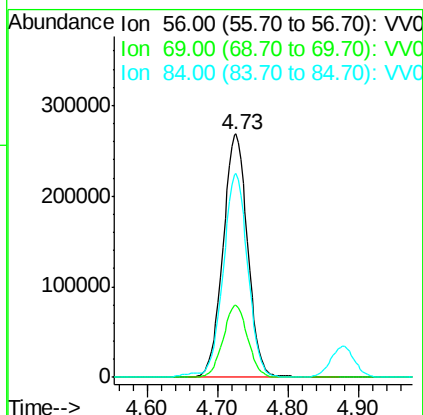
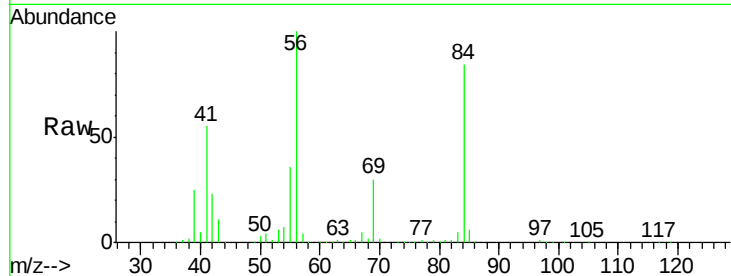
Tgt Ion: 62 Resp: 542239
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





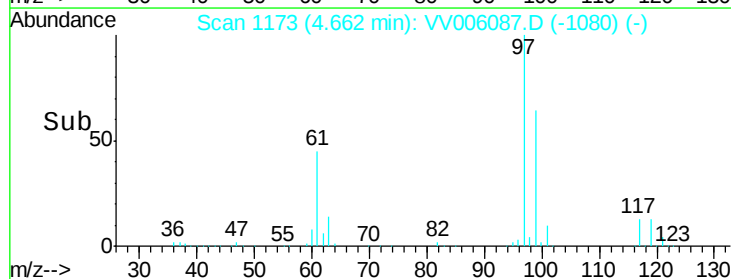
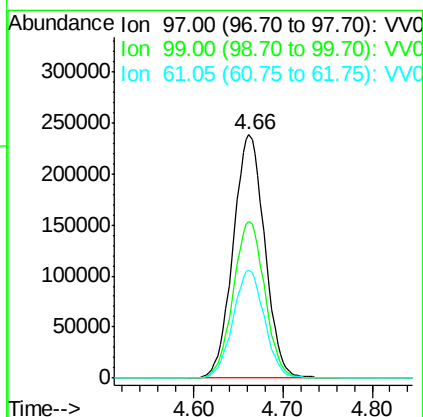
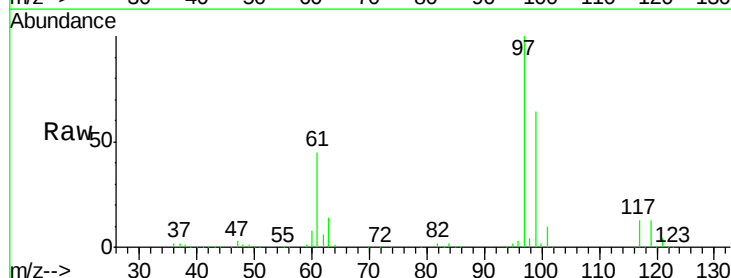
#29
Cyclohexane
Concen: 200.47 ug/L
RT: 4.73 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

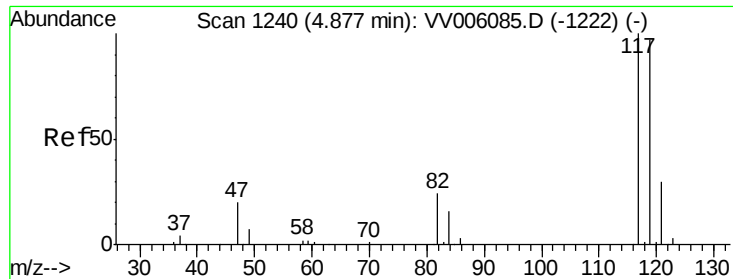
Tgt Ion: 56 Resp: 653772
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.6
84 82.4 67.1 100.7



#30
1,1,1-Trichloroethane
Concen: 171.55 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 97 Resp: 583708
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 44.5 37.0 55.6





#31

Carbon tetrachloride

Concen: 176.22 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006087.D

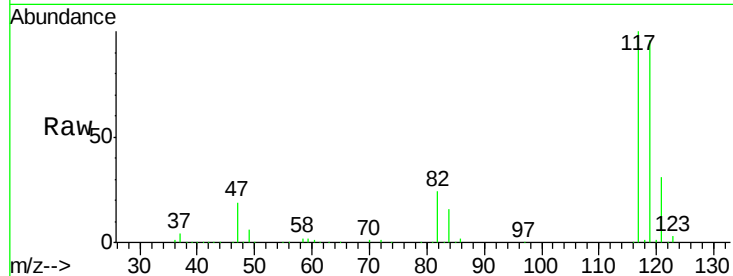
Acq: 27 May 2018 15:11

Tgt Ion: 117 Resp: 517899

Ion Ratio Lower Upper

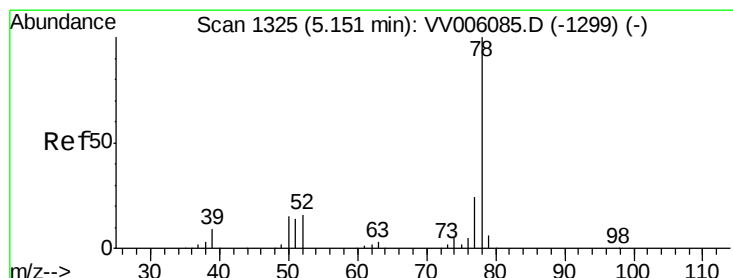
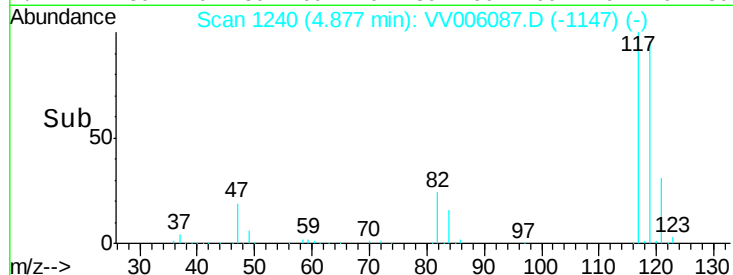
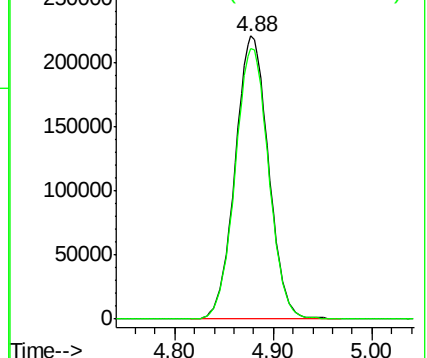
117 100

119 96.1 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 185.66 ug/L

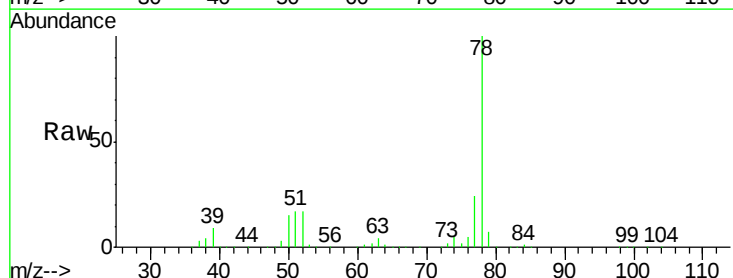
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

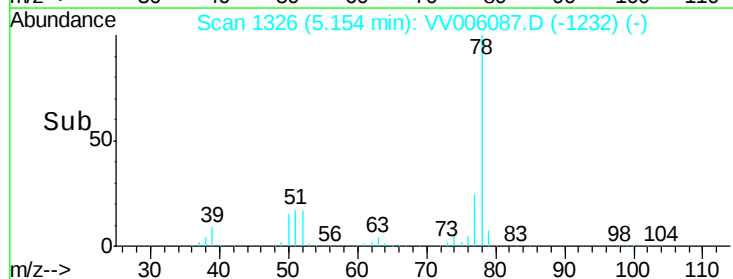
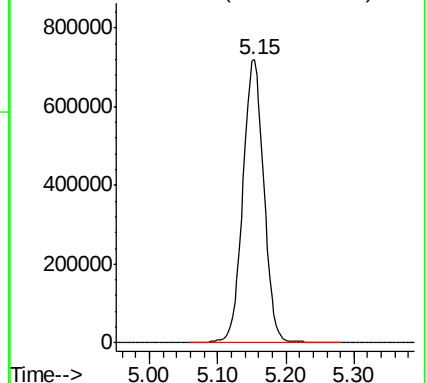
Lab File: VV006087.D

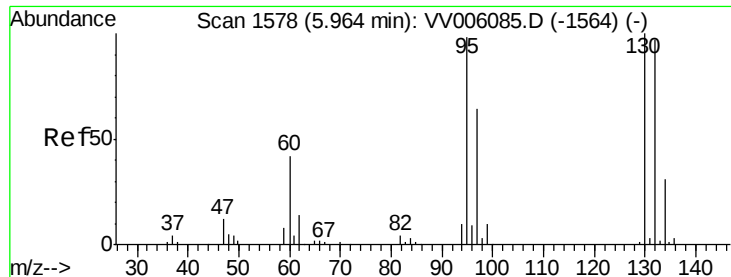
Acq: 27 May 2018 15:11

Tgt Ion: 78 Resp: 1540257



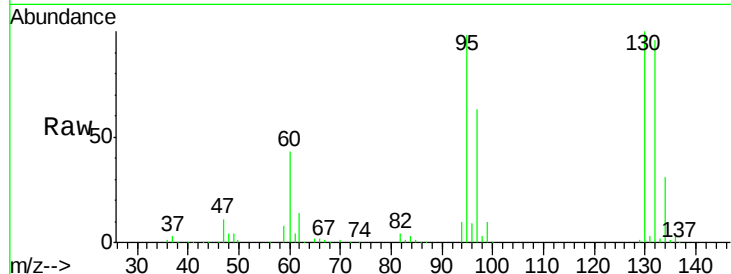
Abundance Ion 78.00 (77.70 to 78.70): VV0



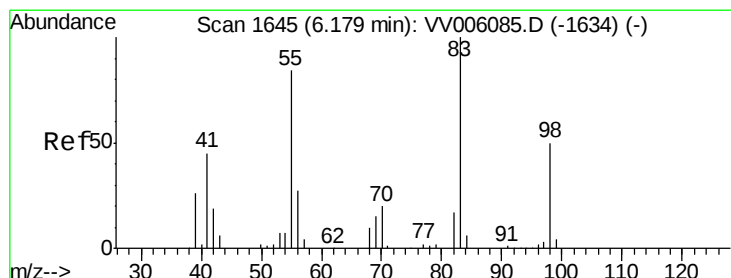
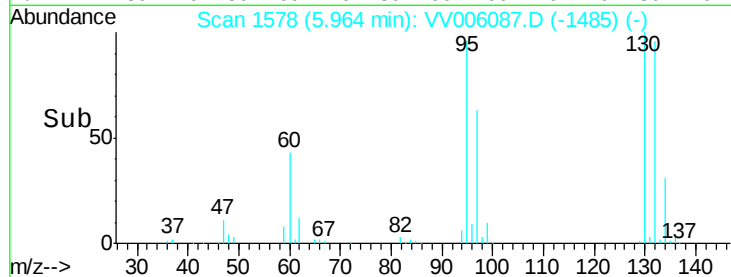
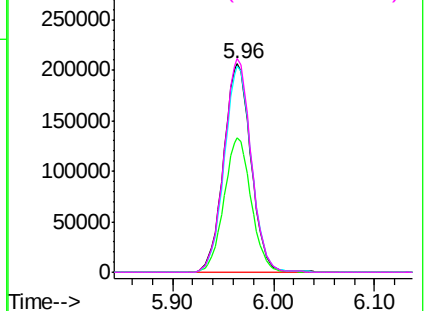


#34
 Trichloroethene
 Concen: 183.61 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 95 Resp: 389638
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.4 84.4
 132 98.8 69.0 128.2
 130 102.4 71.2 132.2

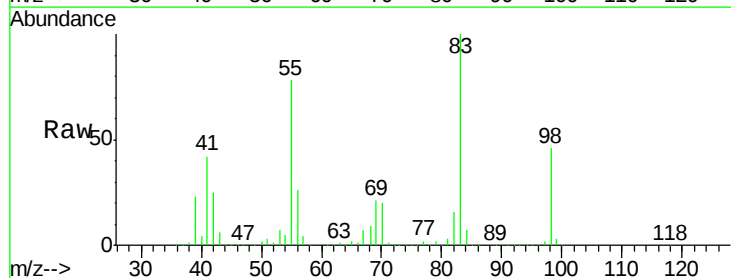


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

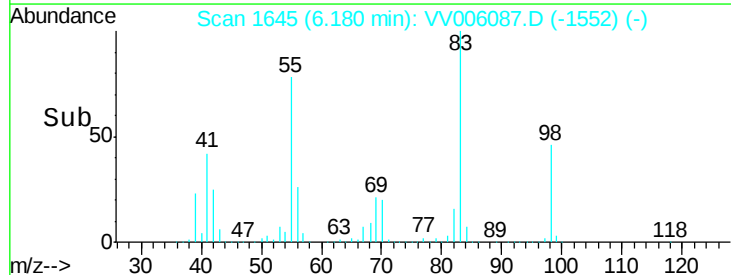
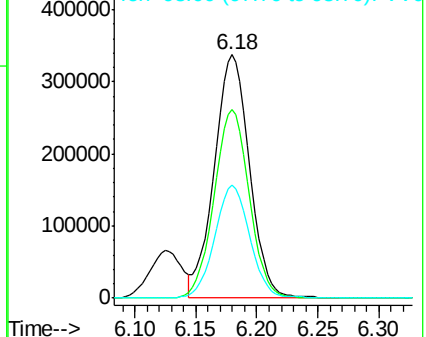


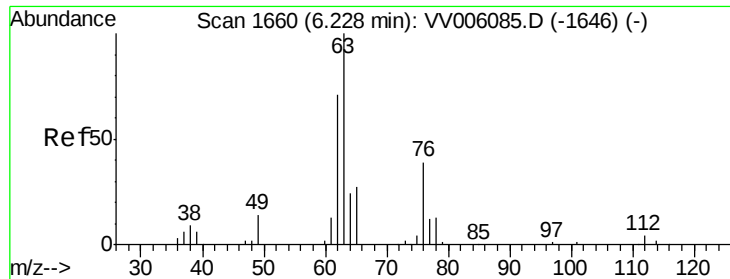
#35
 Methylcyclohexane
 Concen: 203.98 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 83 Resp: 681893
 Ion Ratio Lower Upper
 83 100
 55 77.7 62.8 94.2
 98 46.8 37.5 56.3



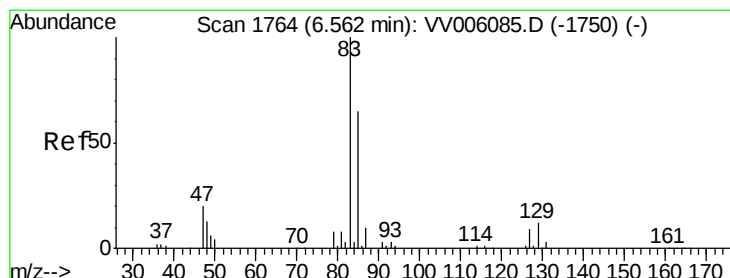
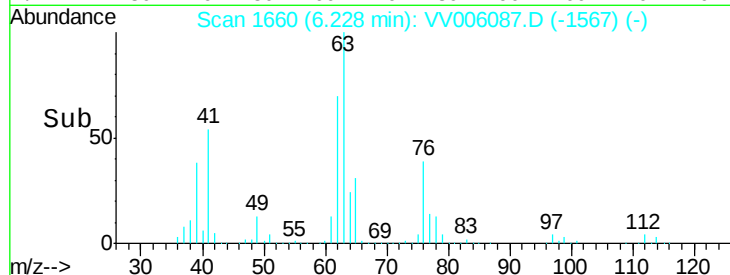
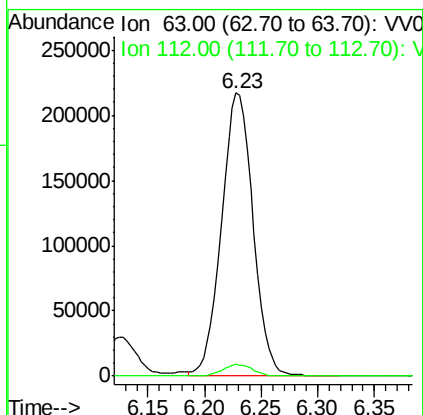
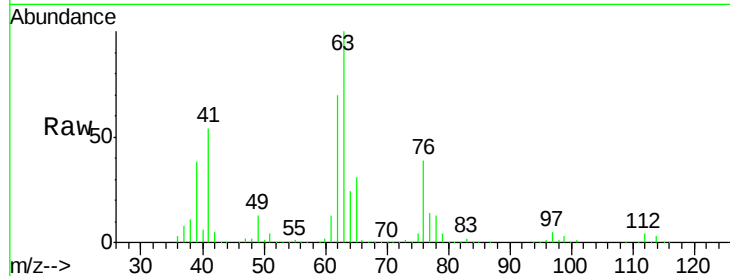
Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





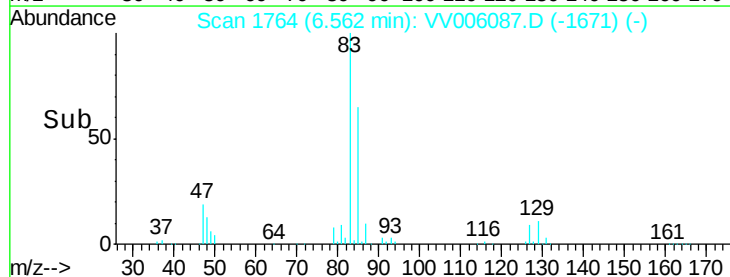
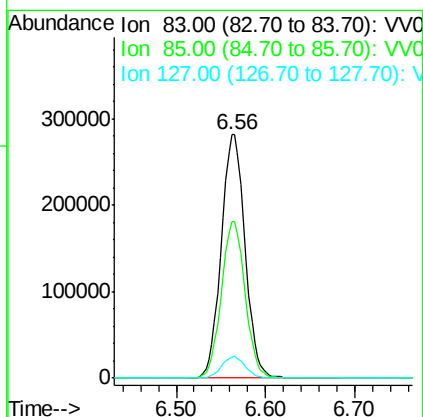
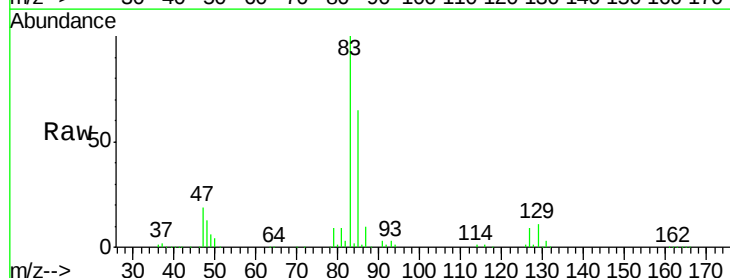
#37
 1,2-Dichloropropane
 Concen: 187.40 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

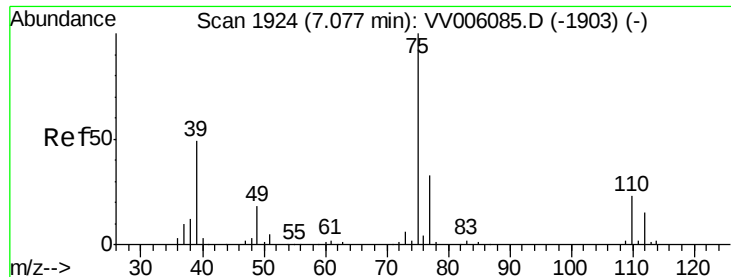
Tgt Ion: 63 Resp: 418803
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.2 4.8



#38
 Bromodichloromethane
 Concen: 183.86 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 83 Resp: 520933
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.6 84.6
 127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 206.47 ug/L

RT: 7.08 min Scan# 1925

Delta R.T. 0.00 min

Lab File: VV006087.D

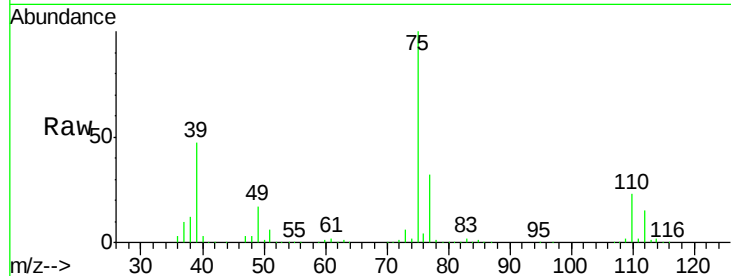
Acq: 27 May 2018 15:11

Tgt Ion: 75 Resp: 671779

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV006085.D (-1903) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-1903) (-)

7.08

400000

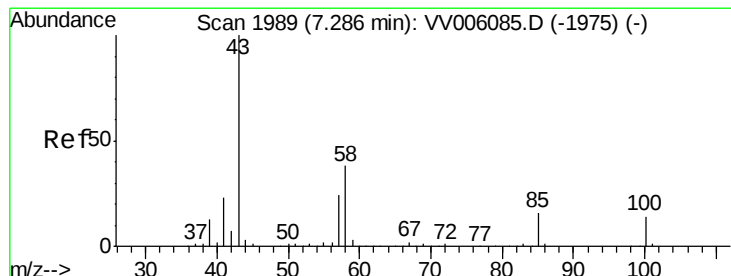
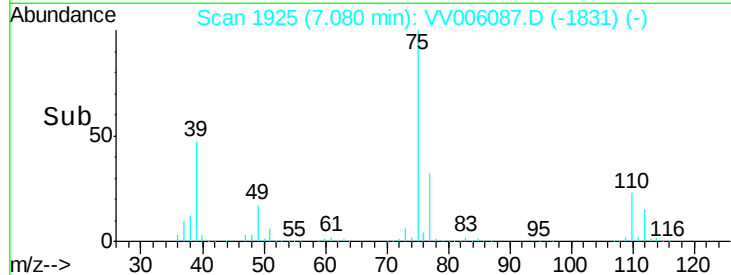
300000

200000

100000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 403.77 ug/L

RT: 7.29 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

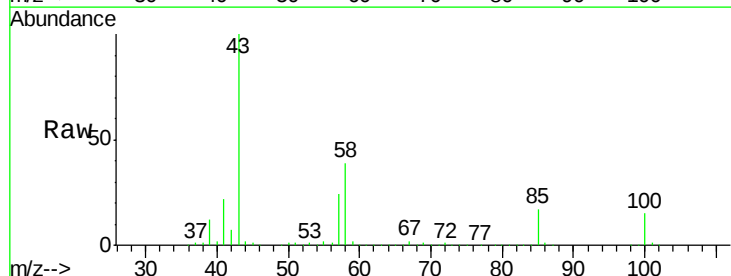
Tgt Ion: 43 Resp: 1194422

Ion Ratio Lower Upper

43 100

58 38.8 30.3 45.5

100 14.4 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-1975) (-)

Ion 58.00 (57.70 to 58.70): VV006085.D (-1975) (-)

Ion 100.00 (99.70 to 100.70): VV006085.D (-1975) (-)

7.29

800000

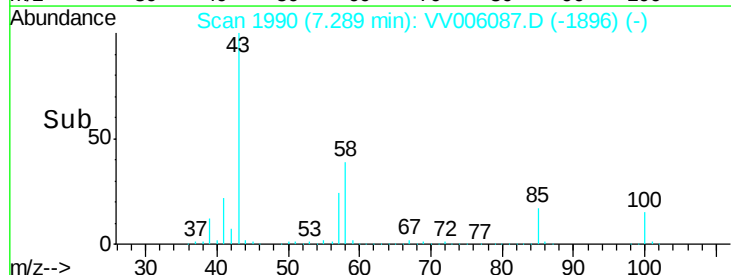
600000

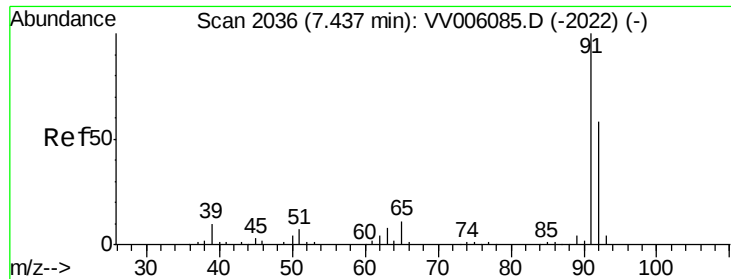
400000

200000

0

Time-->





#42

Toluene

Concen: 192.21 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006087.D

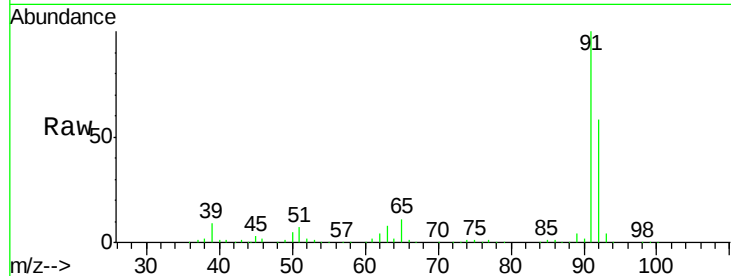
Acq: 27 May 2018 15:11

Tgt Ion: 91 Resp: 1654191

Ion Ratio Lower Upper

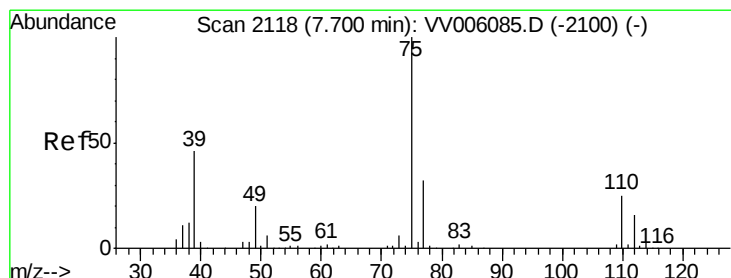
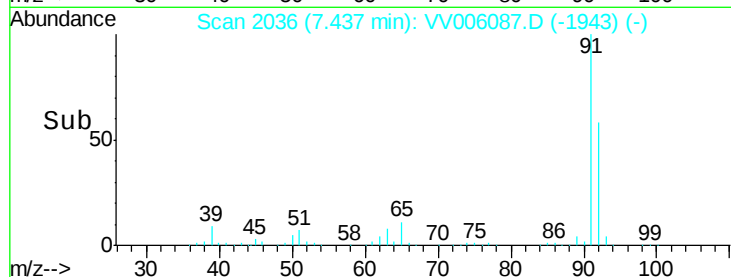
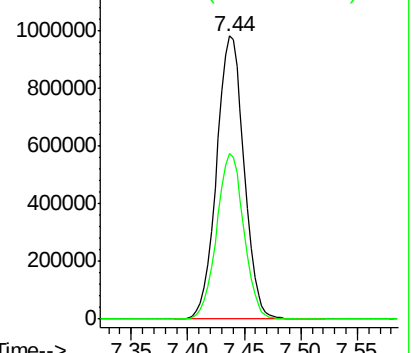
91 100

92 58.3 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 204.60 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006087.D

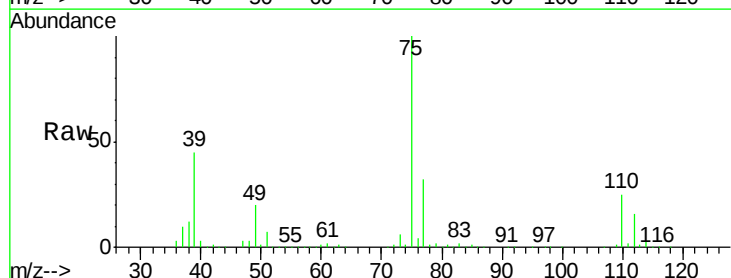
Acq: 27 May 2018 15:11

Tgt Ion: 75 Resp: 624203

Ion Ratio Lower Upper

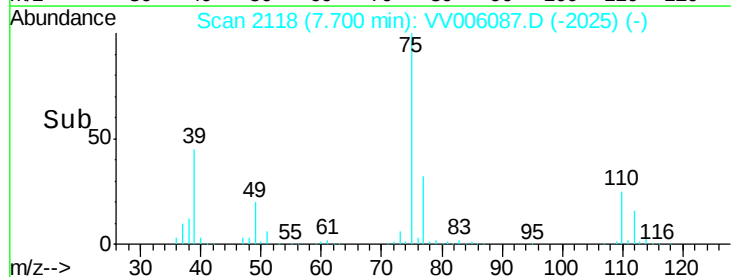
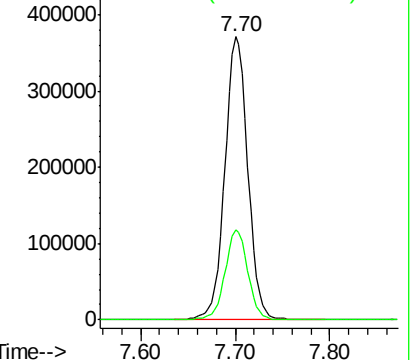
75 100

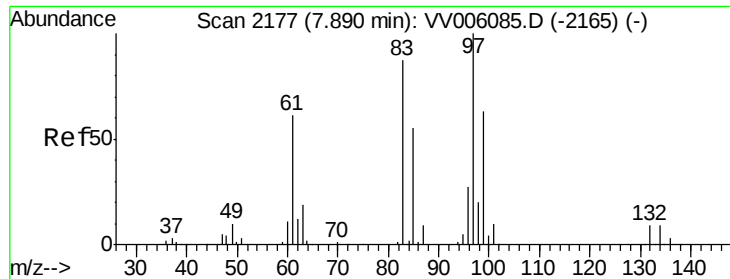
77 31.6 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#45

1,1,2-Trichloroethane

Concen: 185.94 ug/L

RT: 7.89 min Scan# 2178

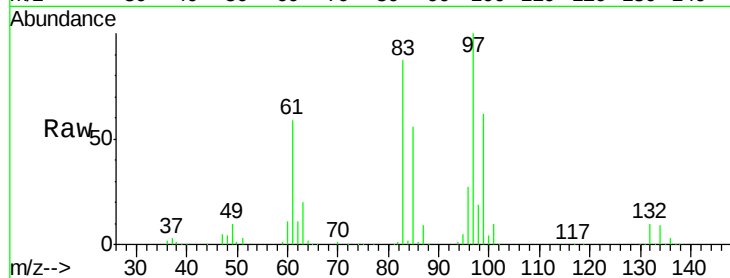
Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

Tgt Ion: 97 Resp: 392354

Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.0	81.6
83	86.7	61.0	113.4
85	55.5	38.6	71.6

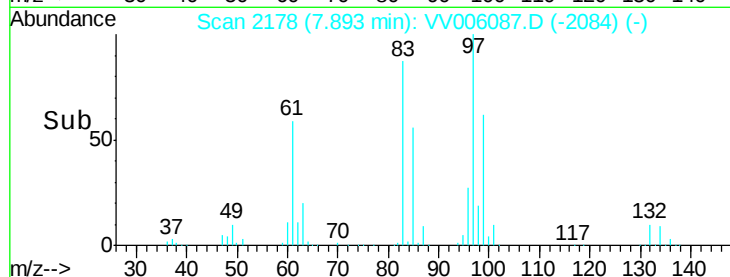


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

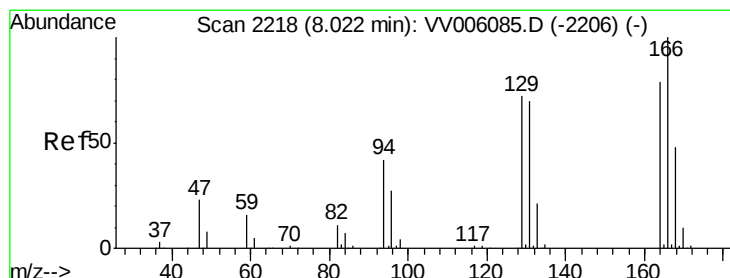
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



Time-->

7.80 7.85 7.90 7.95 8.00



#46

Tetrachloroethene

Concen: 203.58 ug/L

RT: 8.03 min Scan# 2219

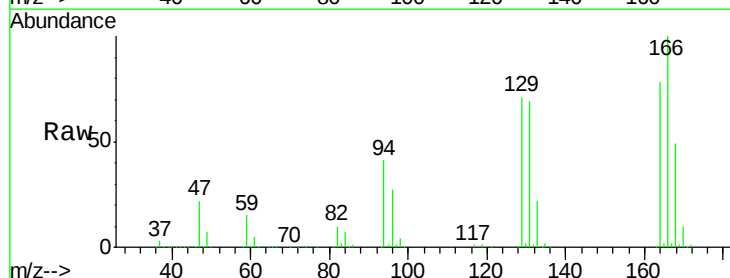
Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

Tgt Ion: 164 Resp: 333649

Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.9	118.7
131	88.6	61.6	114.4
166	128.4	88.3	164.1

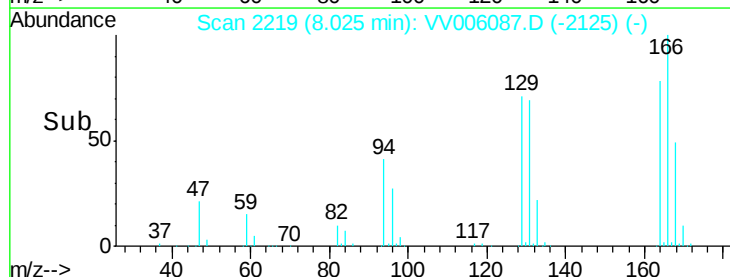


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

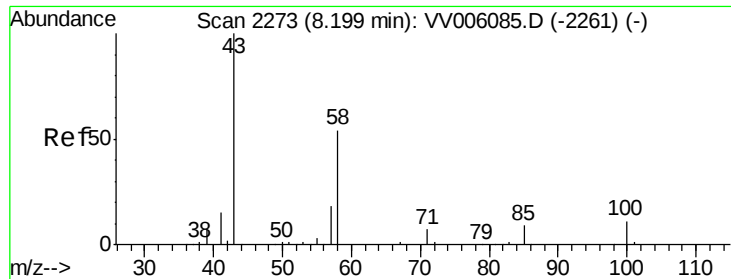
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



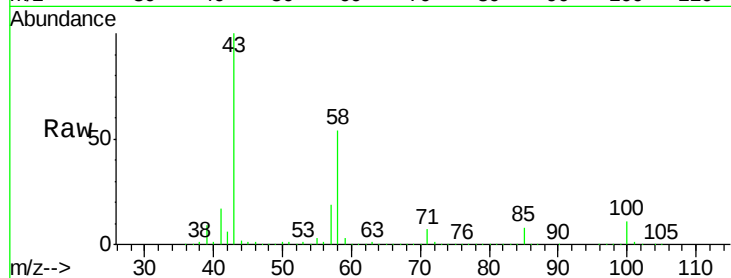
Time-->

8.00 8.10

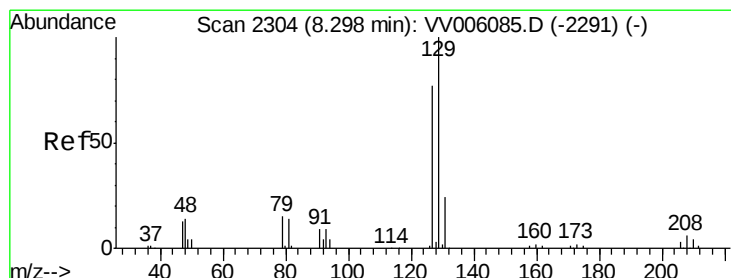
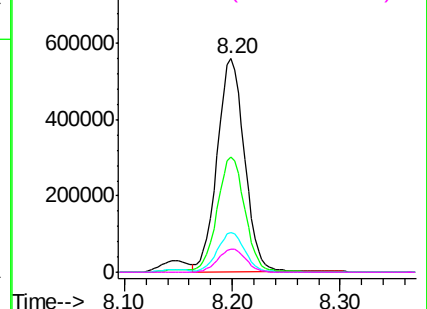
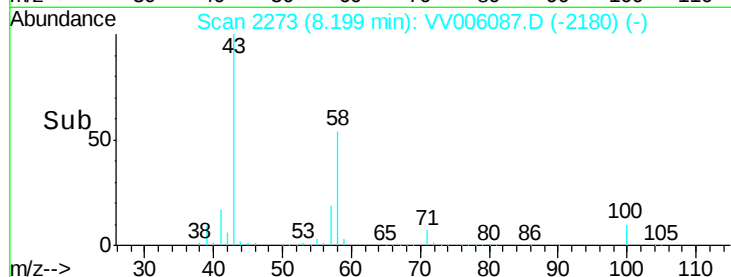


#48
2-Hexanone
Concen: 427.16 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 43 Resp: 987840
Ion Ratio Lower Upper
43 100
58 54.1 42.2 63.4
57 18.8 14.5 21.7
100 11.3 8.7 13.1

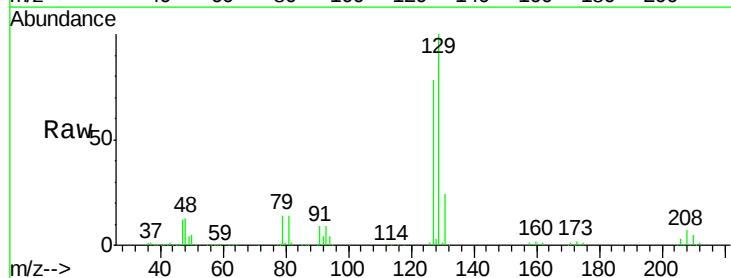


Abundance Ion 43.00 (42.70 to 43.70): VV006087.D (-2180) (-)
Ion 58.00 (57.70 to 58.70): VV006087.D (-2180) (-)
Ion 57.00 (56.70 to 57.70): VV006087.D (-2180) (-)
Ion 100.00 (99.70 to 100.70): VV006087.D (-2180) (-)

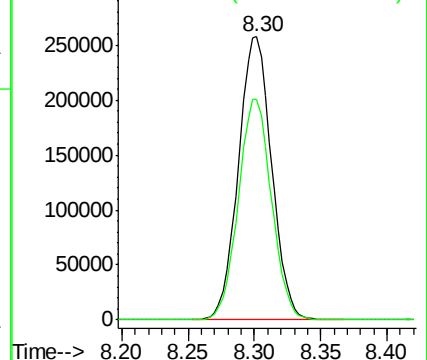
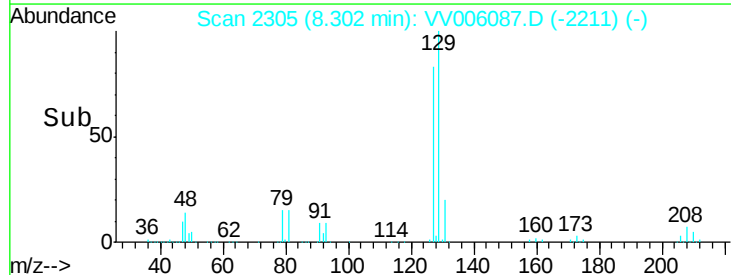


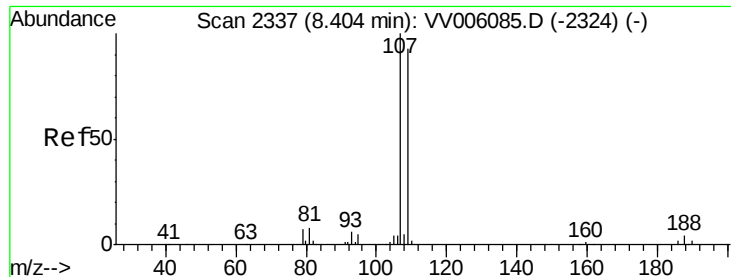
#49
Dibromochloromethane
Concen: 201.69 ug/L
RT: 8.30 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion: 129 Resp: 448862
Ion Ratio Lower Upper
129 100
127 77.8 54.1 100.5



Abundance Ion 129.00 (128.70 to 129.70): VV006087.D (-2211) (-)
Ion 127.00 (126.70 to 127.70): VV006087.D (-2211) (-)





#50

1,2-Dibromoethane

Concen: 187.71 ug/L

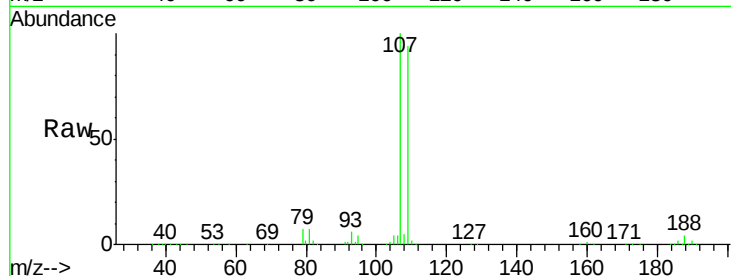
RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

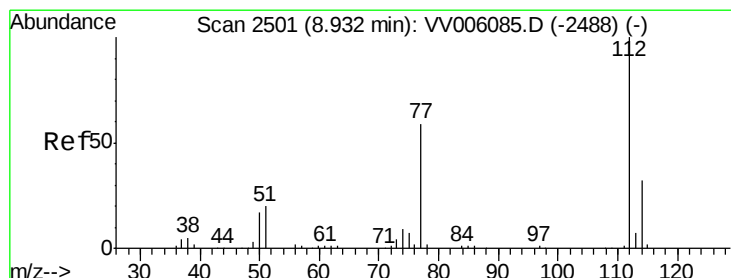
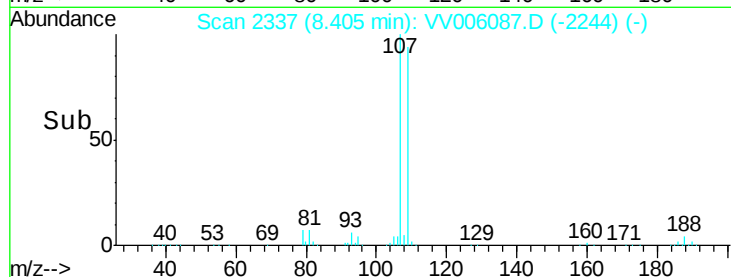
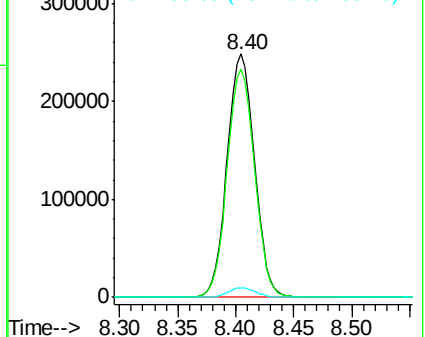
Lab File: VV006087.D

Acq: 27 May 2018 15:11

Tgt Ion:	107	Resp:	407101
Ion	Ratio	Lower	Upper
107	100		
109	93.6	64.8	120.4
188	4.0	3.1	4.7



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



#51

Chlorobenzene

Concen: 188.64 ug/L

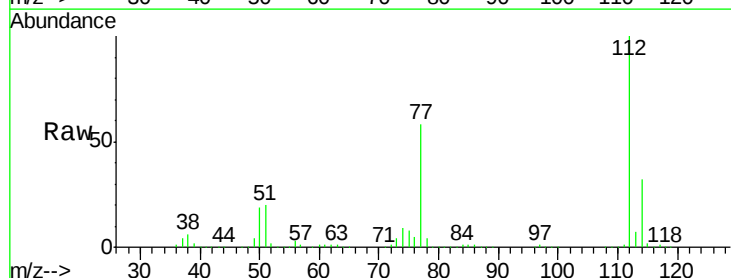
RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

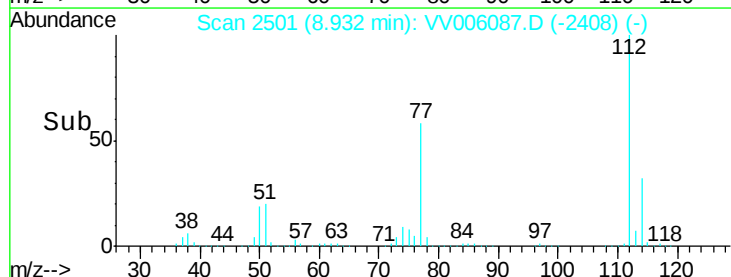
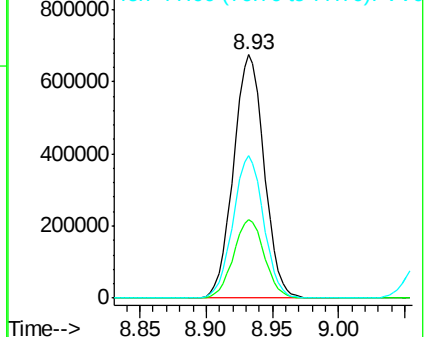
Lab File: VV006087.D

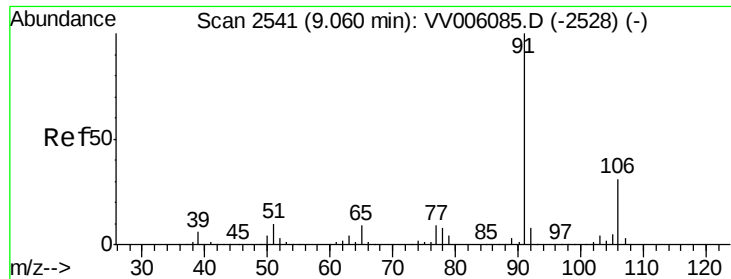
Acq: 27 May 2018 15:11

Tgt Ion:	112	Resp:	1084978
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	58.3	47.2	70.8



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





#52

Ethylbenzene

Concen: 197.89 ug/L

RT: 9.06 min Scan# 2542

Delta R.T. 0.00 min

Lab File: VV006087.D

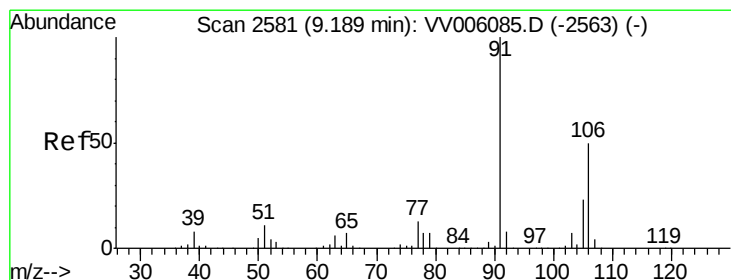
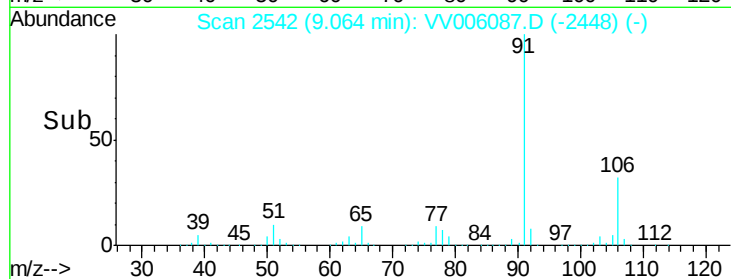
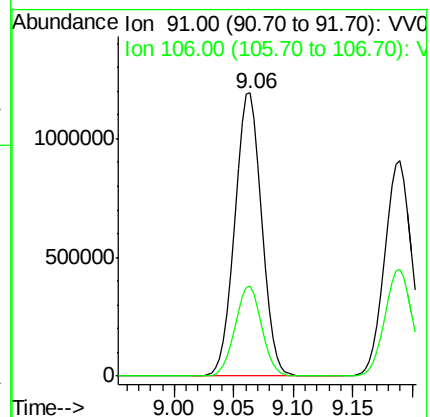
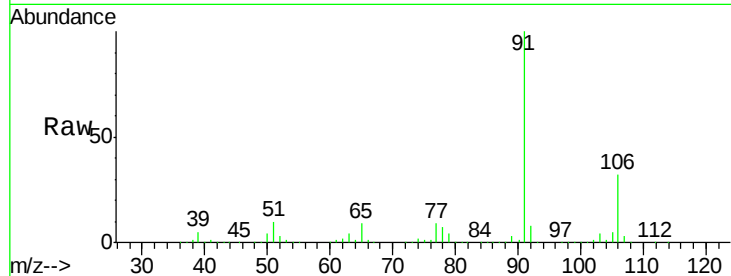
Acq: 27 May 2018 15:11

Tgt Ion: 91 Resp: 1868830

Ion Ratio Lower Upper

91 100

106 31.7 21.8 40.6



#53

m,p-Xylene

Concen: 204.18 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006087.D

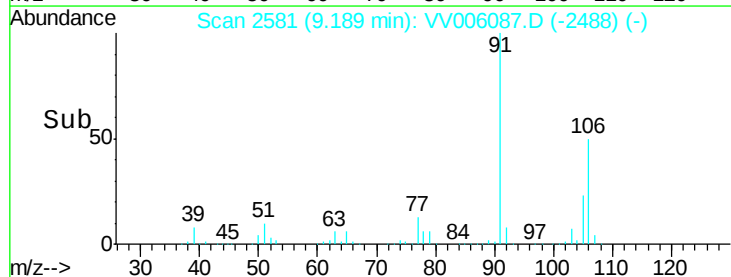
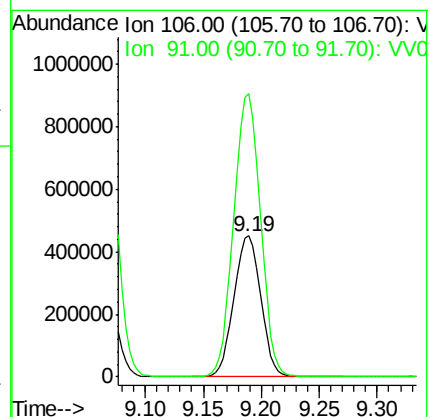
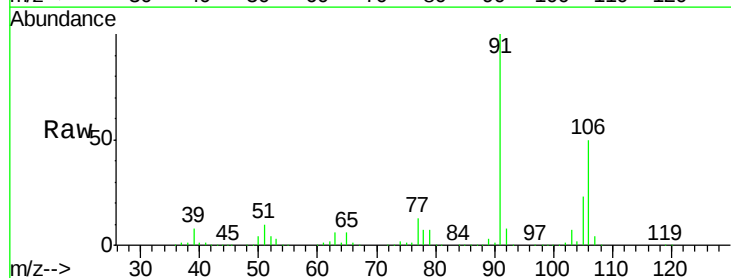
Acq: 27 May 2018 15:11

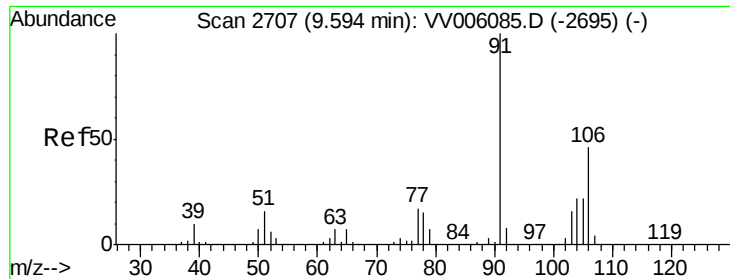
Tgt Ion: 106 Resp: 716122

Ion Ratio Lower Upper

106 100

91 200.7 141.5 262.7





#54

o-xylene

Concen: 207.20 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006087.D

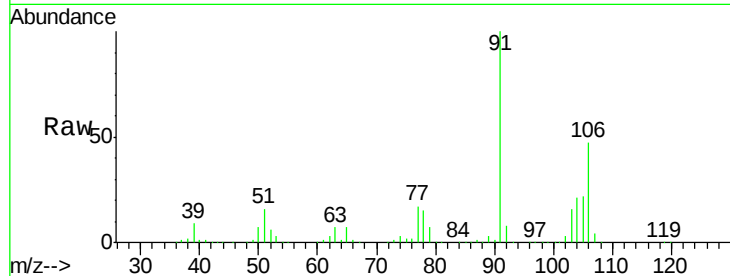
Acq: 27 May 2018 15:11

Tgt Ion:106 Resp: 715237

Ion Ratio Lower Upper

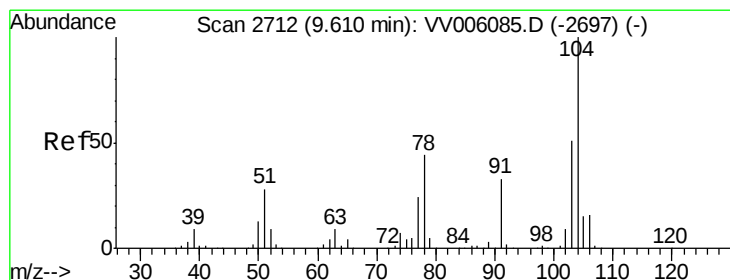
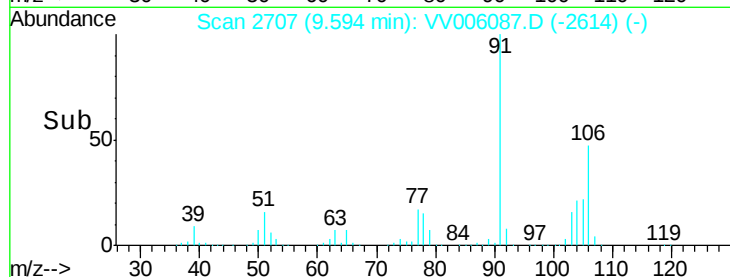
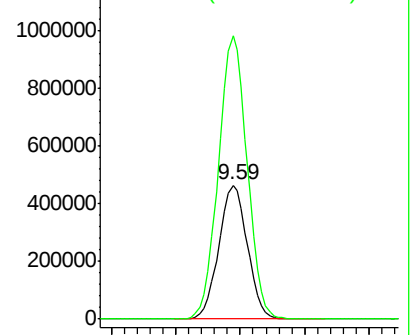
106 100

91 211.7 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 212.69 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006087.D

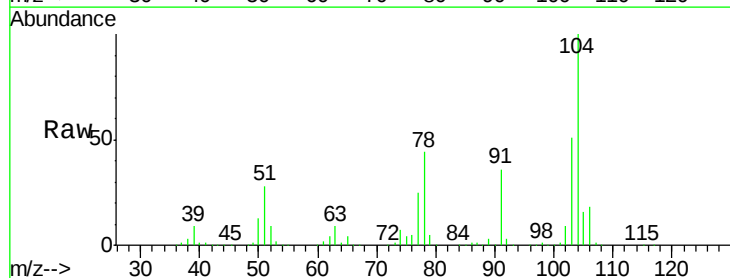
Acq: 27 May 2018 15:11

Tgt Ion:104 Resp: 1259456

Ion Ratio Lower Upper

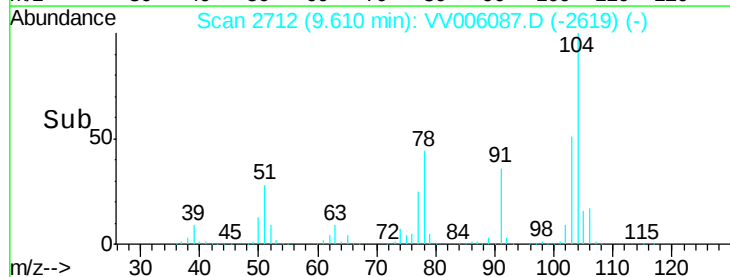
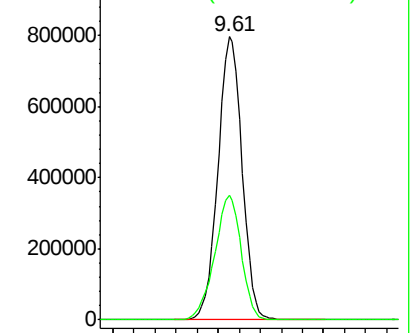
104 100

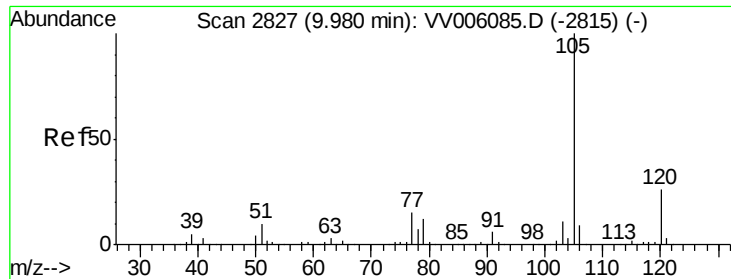
78 44.2 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 206.42 ug/L

RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

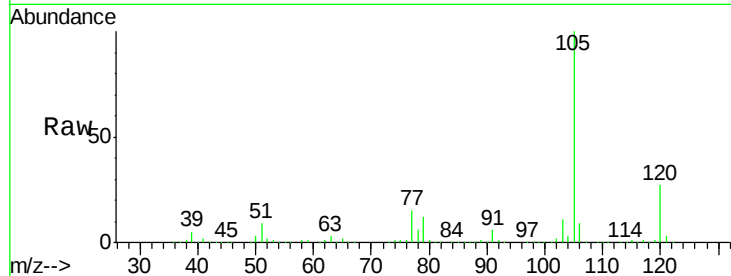
Tgt Ion: 105 Resp: 1902320

Ion Ratio Lower Upper

105 100

120 26.8 21.2 31.8

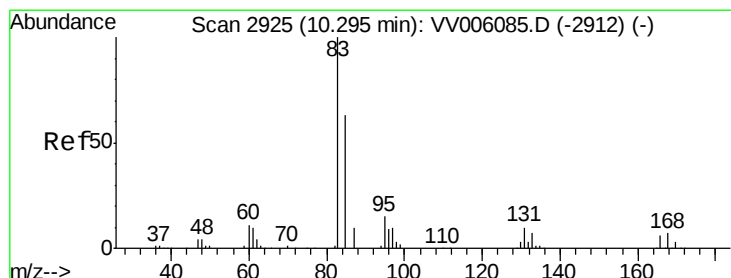
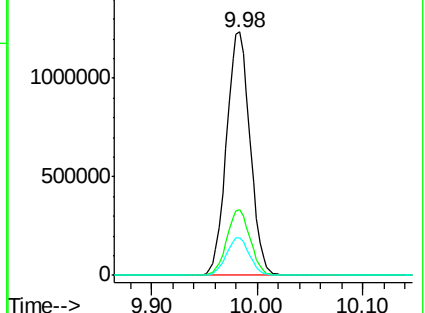
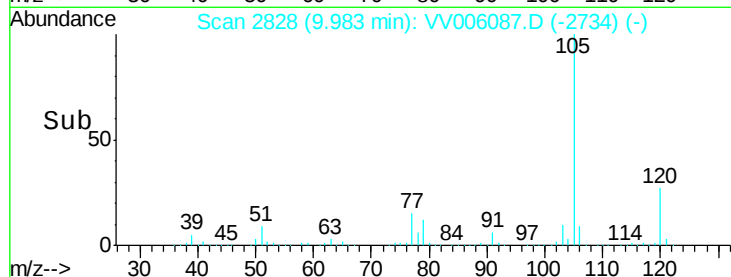
77 15.3 12.4 18.6



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: 204.71 ug/L

RT: 10.30 min Scan# 2926

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

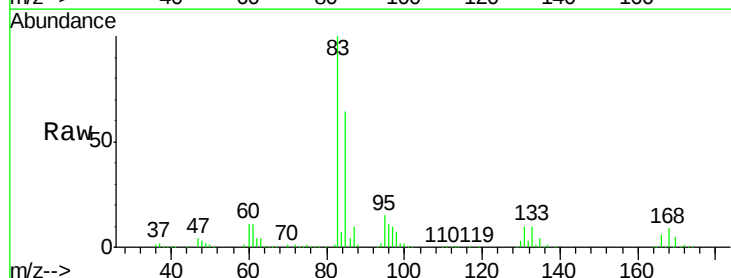
Tgt Ion: 83 Resp: 721227

Ion Ratio Lower Upper

83 100

85 64.4 44.6 82.8

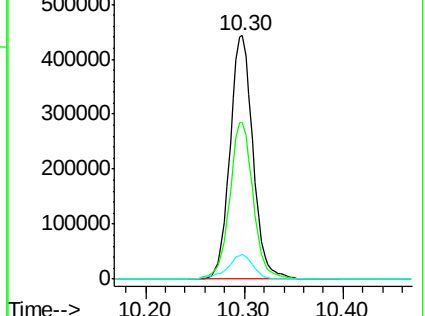
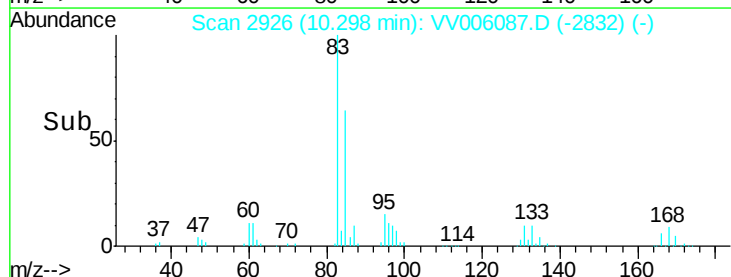
131 9.9 7.9 11.9

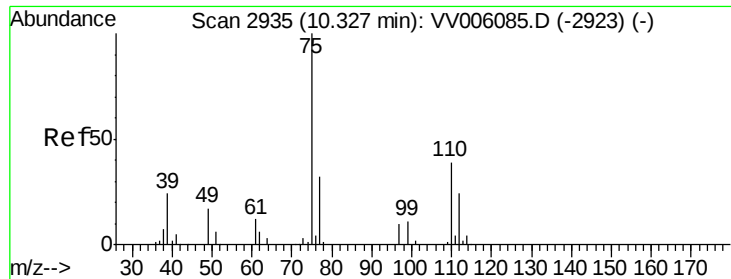


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

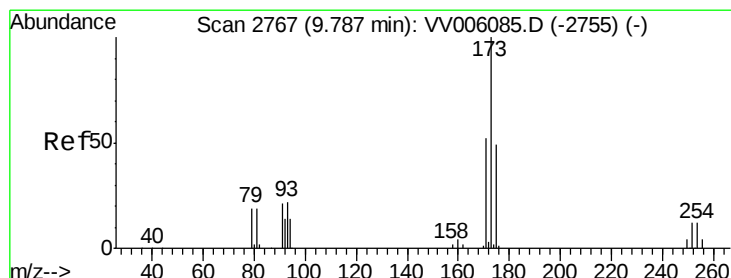
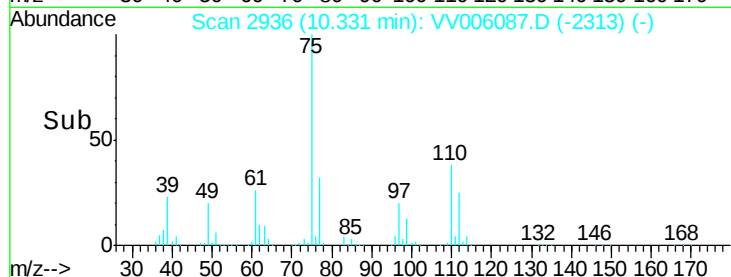
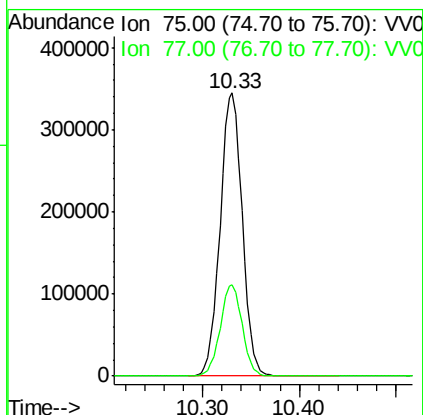
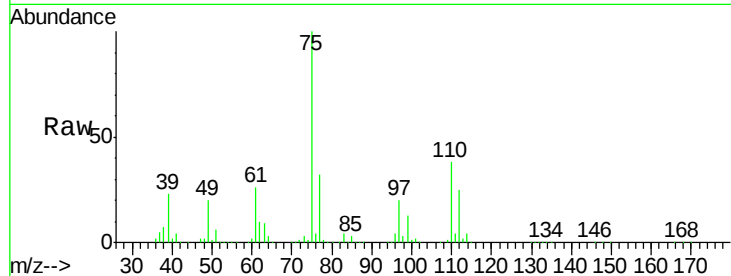
Ion 131.00 (130.70 to 131.70): V





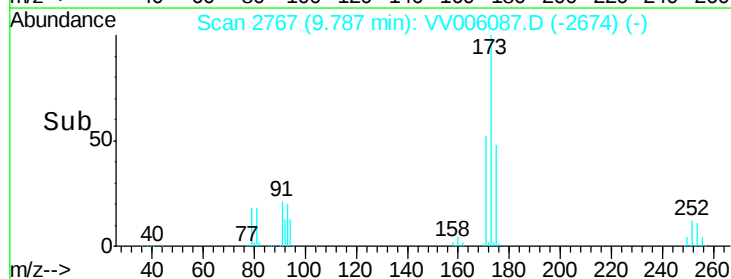
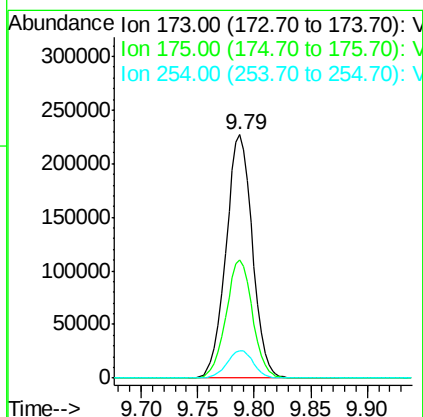
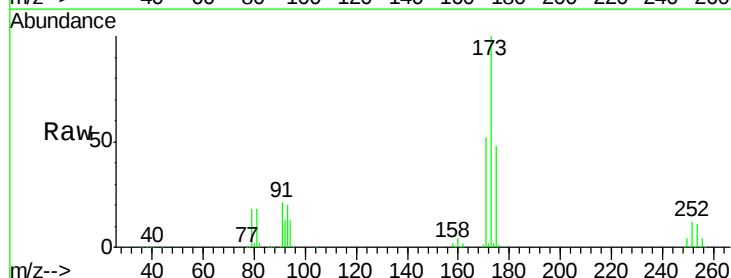
#59
 1,2,3-Trichloropropane
 Concen: 192.44 ug/L
 RT: 10.33 min Scan# 2936
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

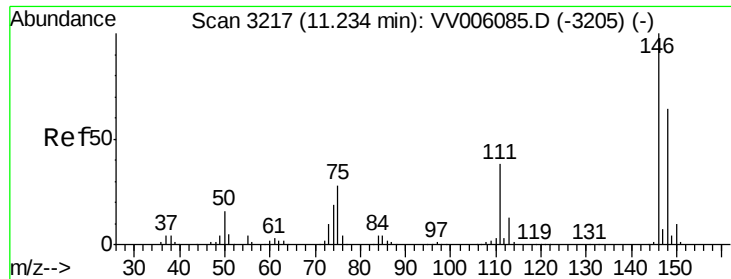
Tgt Ion: 75 Resp: 547463
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8



#61
 Bromoform
 Concen: 194.55 ug/L
 RT: 9.79 min Scan# 2767
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 173 Resp: 368540
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.6 57.8
 254 11.4 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 185.90 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

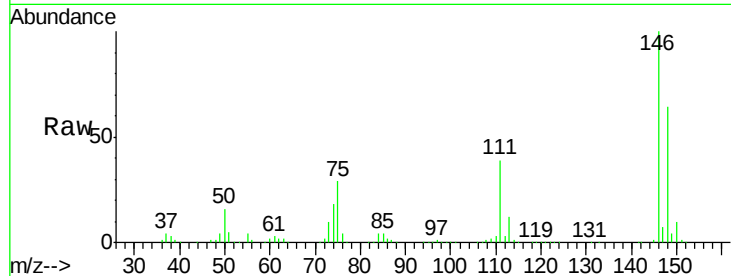
Tgt Ion:146 Resp: 972066

Ion Ratio Lower Upper

146 100

111 38.8 26.9 49.9

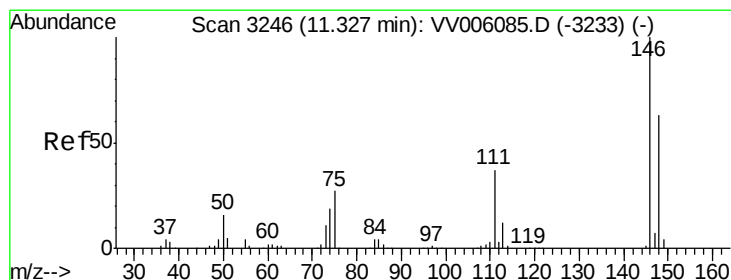
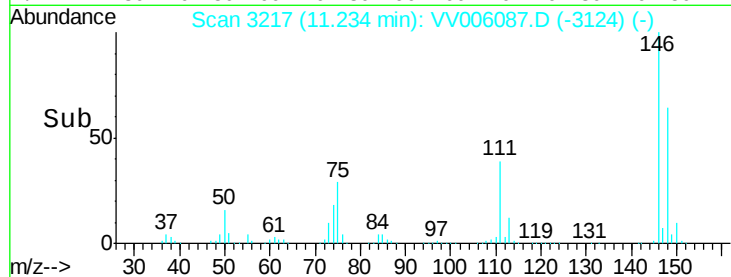
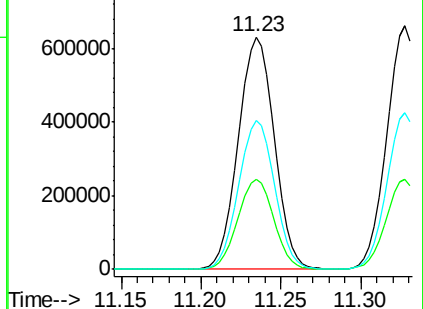
148 64.4 44.9 83.5



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: 181.96 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006087.D

Acq: 27 May 2018 15:11

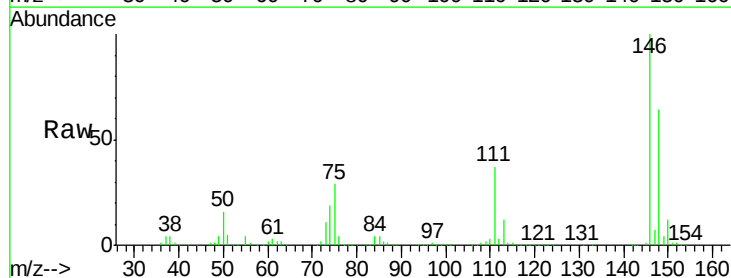
Tgt Ion:146 Resp: 998484

Ion Ratio Lower Upper

146 100

111 37.0 26.0 48.4

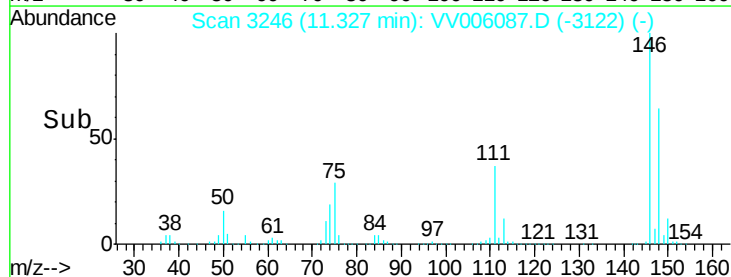
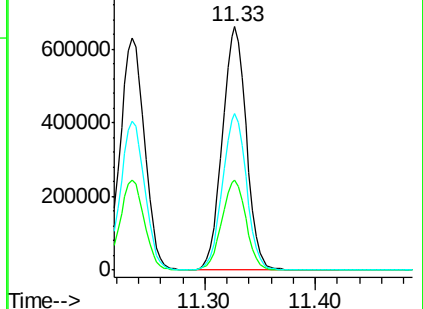
148 64.3 44.4 82.5

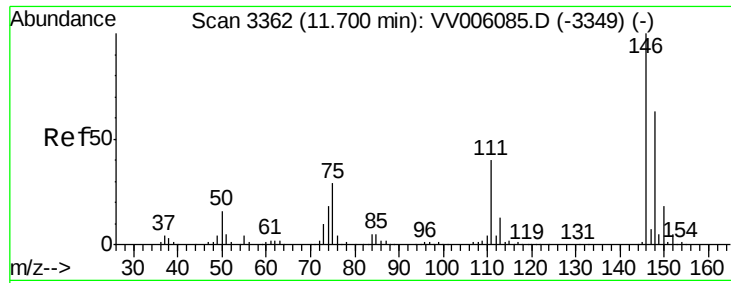


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

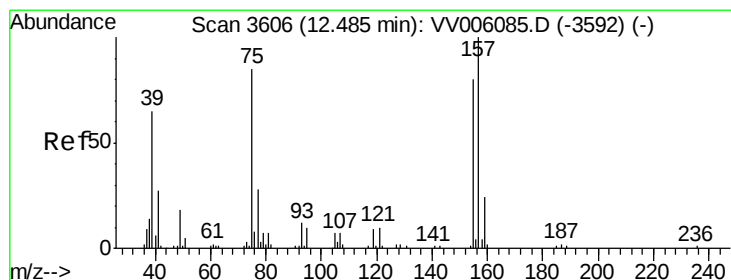
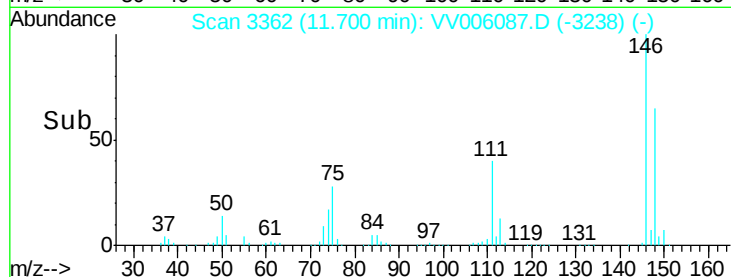
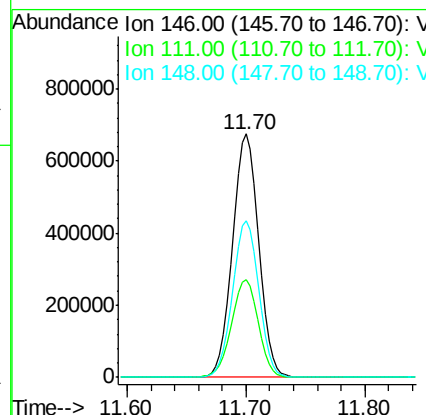
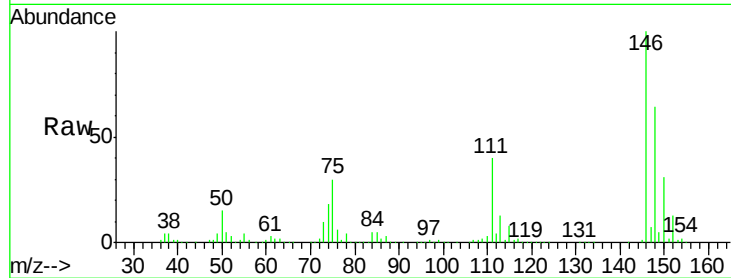




#65
 1,2-Dichlorobenzene
 Concen: 182.25 ug/L
 RT: 11.70 min Scan# 3362
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 146 Resp: 1029607

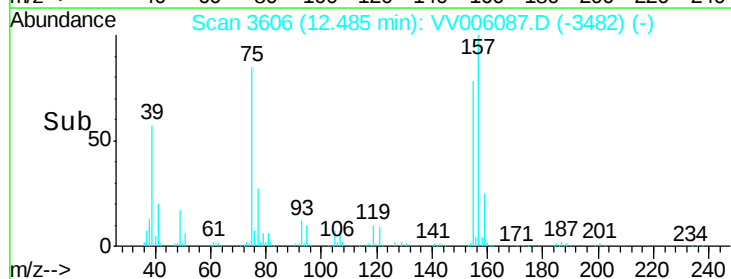
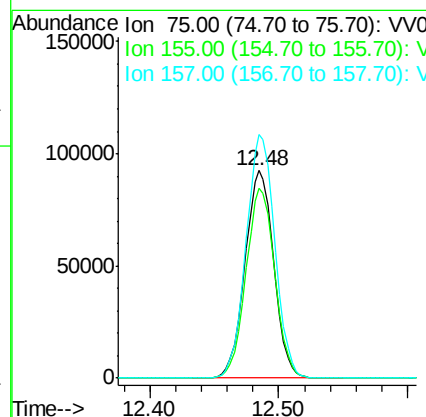
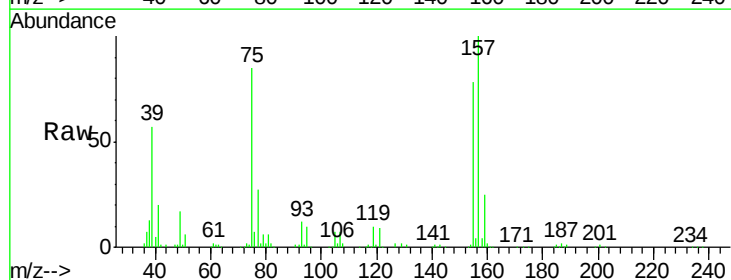
Ion	Ratio	Lower	Upper
146	100		
111	40.1	31.8	47.8
148	64.4	50.6	76.0

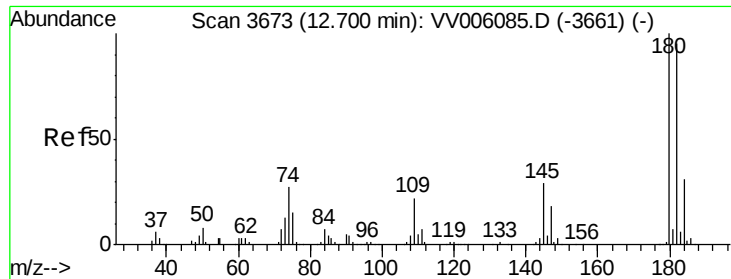


#66
 1,2-Dibromo-3-chloropropane
 Concen: 158.19 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion: 75 Resp: 143000

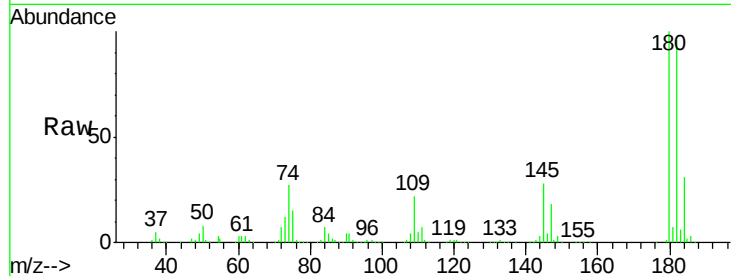
Ion	Ratio	Lower	Upper
75	100		
155	91.9	75.9	113.9
157	117.5	94.6	141.8





#67
 1,3,5-Trichlorobenzene
 Concen: 210.44 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

Tgt Ion:	180	Resp:	802295
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
184	30.7	24.6	37.0
145	28.0	22.5	33.7

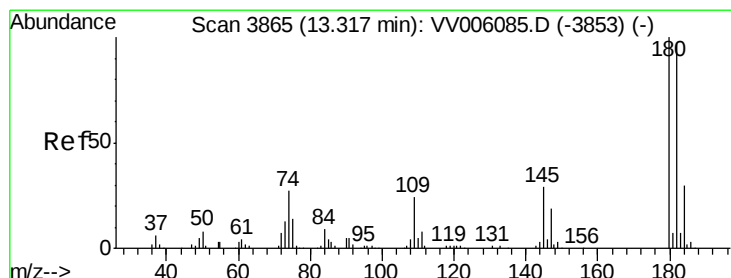
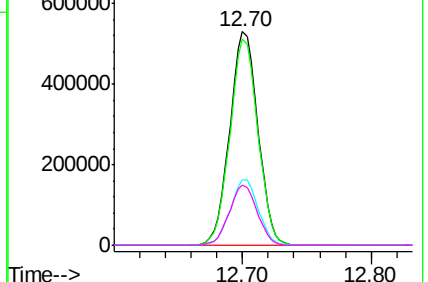
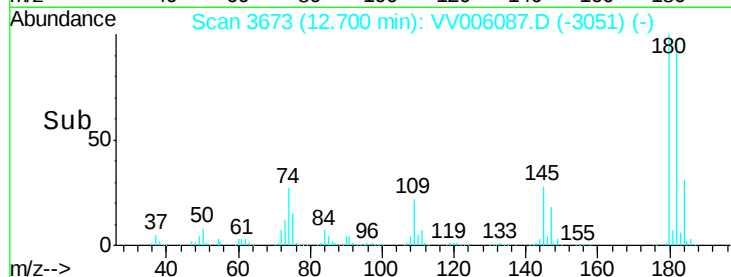


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

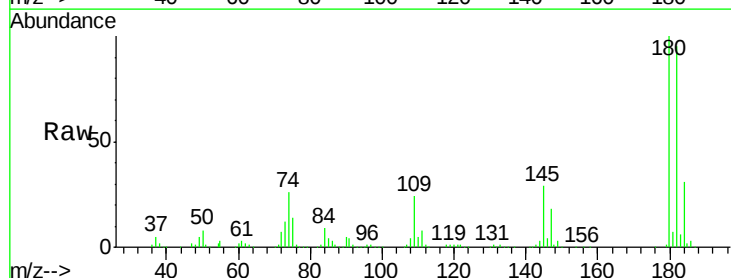
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 227.39 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006087.D
 Acq: 27 May 2018 15:11

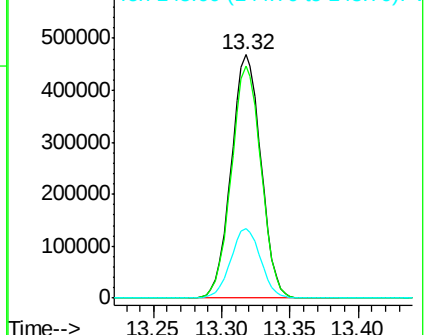
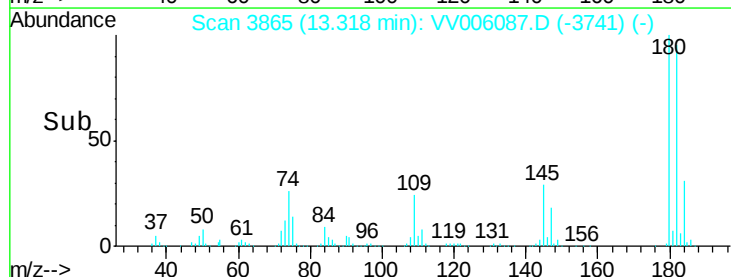
Tgt Ion:	180	Resp:	706488
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
145	28.9	23.0	34.6

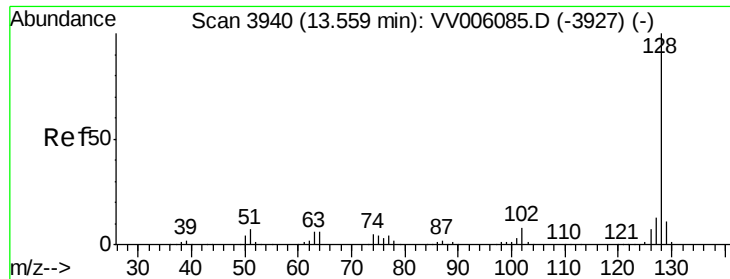


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

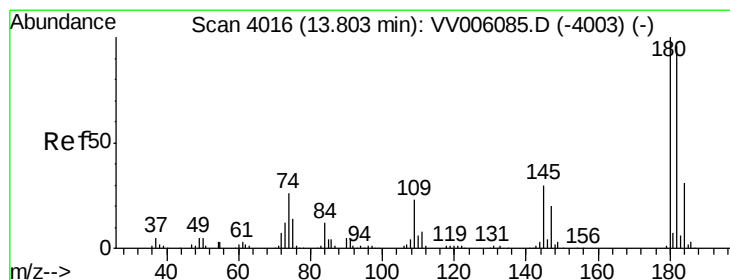
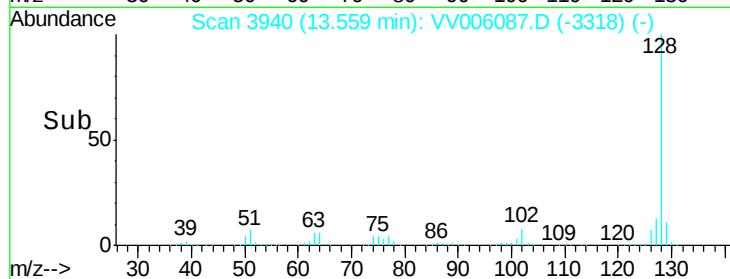
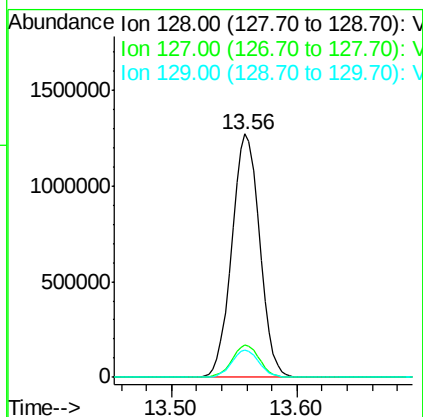
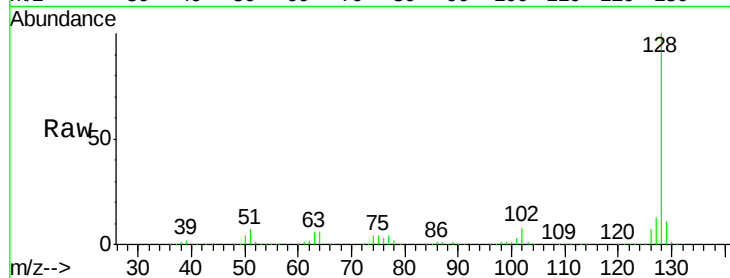




#69
Naphthalene
Concen: 209.00 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion:128 Resp: 1960594

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 211.41 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006087.D
Acq: 27 May 2018 15:11

Tgt Ion:180 Resp: 720519

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	30.5	24.0	36.0

