

Data File : VV006089.D
Acq On : 27 May 2018 16:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 00:42:55 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	256156	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127036	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105205	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.55	69	37967	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.46%
11) 1,1-Dichloroethene-d2	2.12	63	190605	49.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.06%
21) 2-Butanone-d5	3.95	46	131983	121.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.99%
24) Chloroform-d	4.41	84	193252	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
26) 1,2-Dichloroethane-d4	5.09	65	126212	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
32) Benzene-d6	5.10	84	394727	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	130641	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.36	98	374341	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.67	79	59226	54.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.62%
47) 2-Hexanone-d5	8.14	63	117634	118.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.77%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	195084	54.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	163822	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	97646	48.50	ug/L	# 82
3) Chloromethane	1.26	50	110680	50.29	ug/L	98
5) Vinyl chloride	1.32	62	108350	48.21	ug/L	100
6) Bromomethane	1.51	94	41516	49.95	ug/L	99
8) Chloroethane	1.57	64	26921	44.97	ug/L	98
9) Trichlorofluoromethane	1.75	101	141668	47.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	87722	47.93	ug/L	99
12) 1,1-Dichloroethene	2.13	96	79532	47.77	ug/L	93
13) Acetone	2.20	43	119883	99.87	ug/L	100
14) Carbon disulfide	2.31	76	223696	48.58	ug/L	100
15) Methyl Acetate	2.46	43	114019	51.38	ug/L	100
16) Methylene chloride	2.54	84	94386	49.94	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	84994	48.11	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	299835	51.02	ug/L	99
19) 1,1-Dichloroethane	3.23	63	167684	49.59	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	96269	50.53	ug/L	100
22) 2-Butanone	4.04	43	161385	103.79	ug/L	97

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ALS Vial : 8 Sample Multiplier: 1

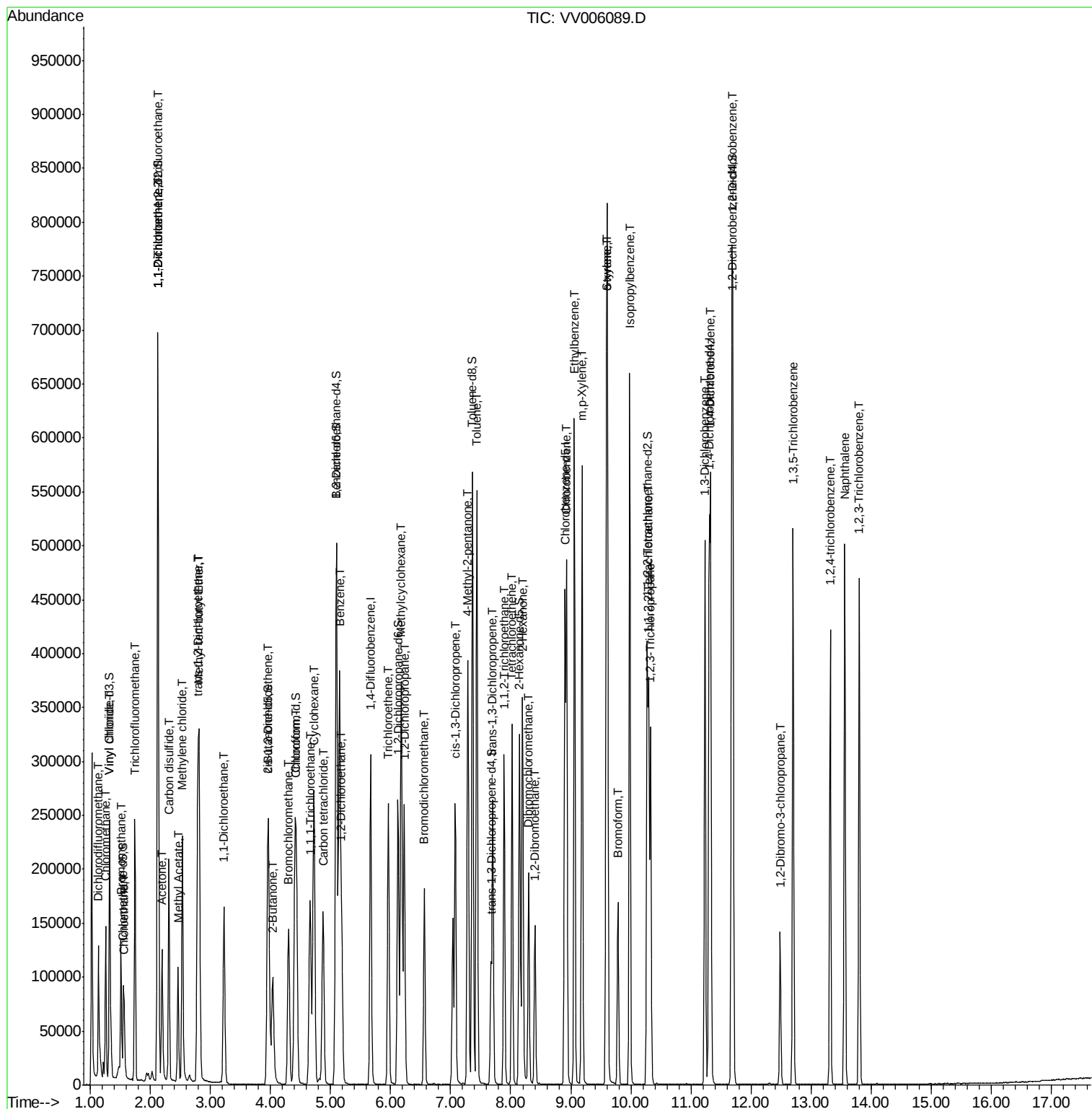
Quant Time: May 28 00:42:55 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:22:39 2018
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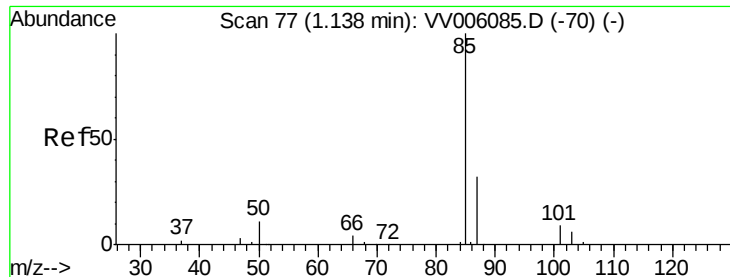
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48952	50.13	ug/L	100
25) Chloroform	4.43	83	167447	50.84	ug/L	98
27) 1,2-Dichloroethane	5.19	62	132239	49.97	ug/L	99
29) Cyclohexane	4.72	56	148877	50.70	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	136864	49.89	ug/L	99
31) Carbon tetrachloride	4.88	117	118602	49.68	ug/L	99
33) Benzene	5.15	78	368916	49.32	ug/L	100
34) Trichloroethene	5.96	95	90258	48.10	ug/L	99
35) Methylcyclohexane	6.18	83	153237	50.40	ug/L	100
37) 1,2-Dichloropropane	6.23	63	102692	50.34	ug/L	99
38) Bromodichloromethane	6.56	83	118884	50.31	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	148643	52.41	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	293322	109.79	ug/L	100
42) Toluene	7.44	91	388196	50.67	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	137469	52.54	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	95270	50.79	ug/L	99
46) Tetrachloroethene	8.02	164	76961	49.16	ug/L	99
48) 2-Hexanone	8.20	43	242098	109.50	ug/L	99
49) Dibromochloromethane	8.30	129	99474	51.28	ug/L	99
50) 1,2-Dibromoethane	8.40	107	97143	52.08	ug/L	99
51) Chlorobenzene	8.93	112	252670	49.95	ug/L	99
52) Ethylbenzene	9.06	91	418706	50.74	ug/L	100
53) m,p-Xylene	9.19	106	160029	51.56	ug/L	99
54) o-xylene	9.59	106	158990	51.19	ug/L	99
55) Styrene	9.61	104	275619	52.84	ug/L	100
56) Isopropylbenzene	9.98	105	416809	51.99	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	172053	52.08	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	132199	52.04	ug/L	100
61) Bromoform	9.78	173	76877	50.64	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	203666	49.79	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	213782	49.93	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	227102	50.23	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	33083	56.61	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	162409	51.09	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	134147	53.15	ug/L	100
69) Naphthalene	13.56	128	383636	58.35	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	147177	54.57	ug/L	99

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

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ALS Vial      : 8      Sample Multiplier: 1
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 48.50 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006089.D

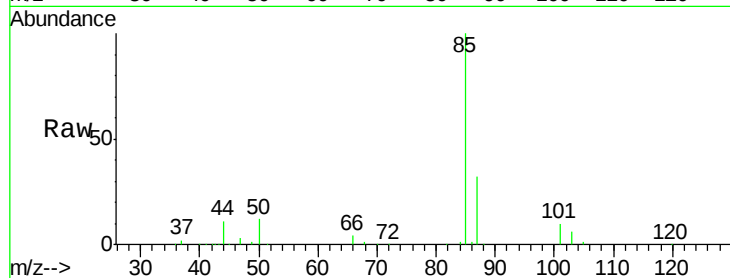
Acq: 27 May 2018 16:02

Tgt Ion: 85 Resp: 97646

Ion Ratio Lower Upper

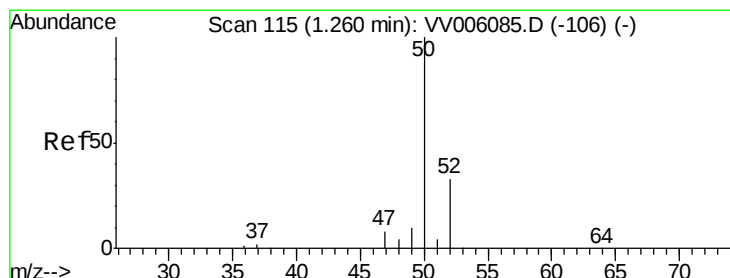
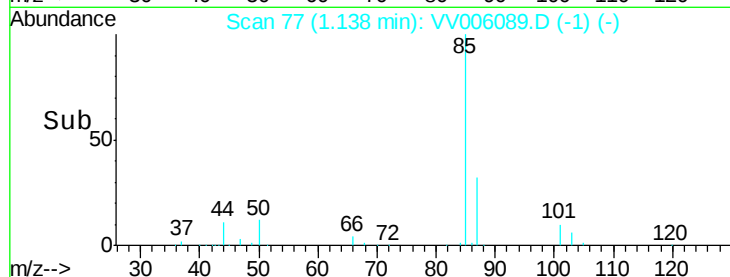
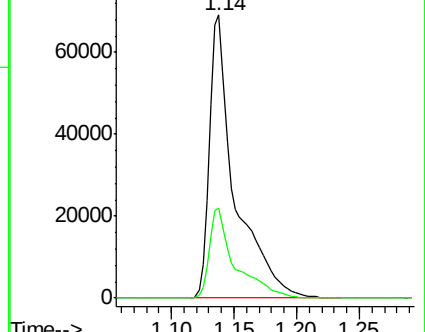
85 100

87 32.1 18.6 28.0#



Abundance Ion 85.00 (84.70 to 85.70): VV006085.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006089.D (-1) (-)



#3

Chloromethane

Concen: 50.29 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006089.D

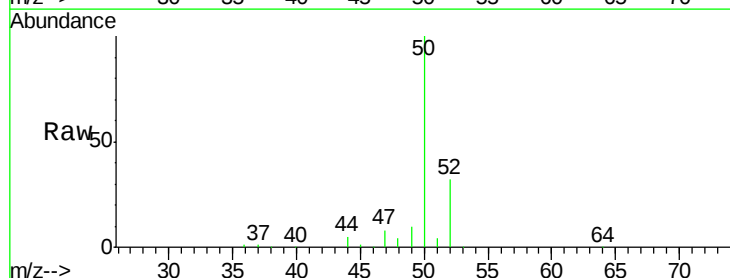
Acq: 27 May 2018 16:02

Tgt Ion: 50 Resp: 110680

Ion Ratio Lower Upper

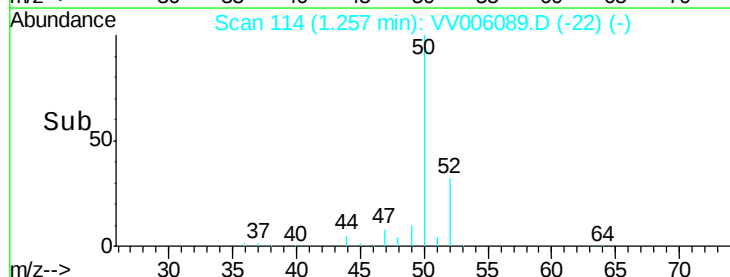
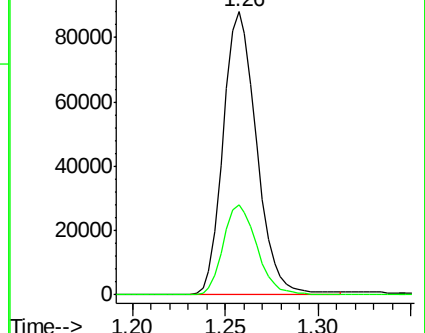
50 100

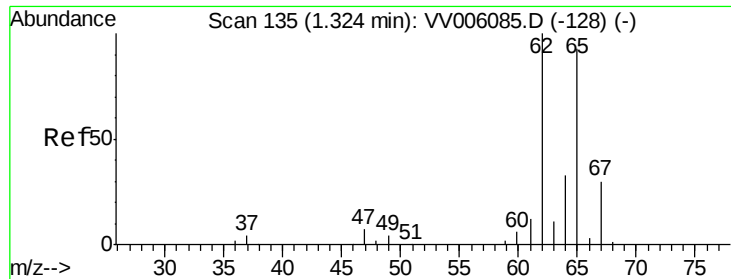
52 31.8 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV006085.D (-106) (-)

Ion 52.00 (51.70 to 52.70): VV006089.D (-22) (-)





#5

Vinyl chloride

Concen: 48.21 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006089.D

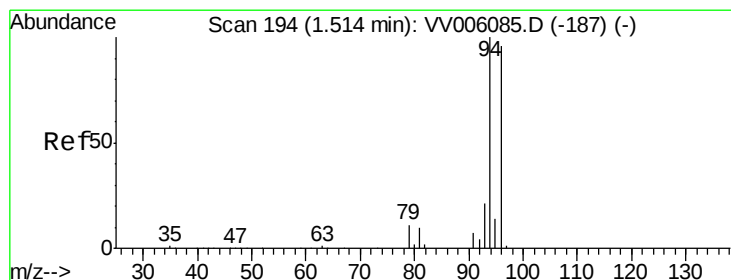
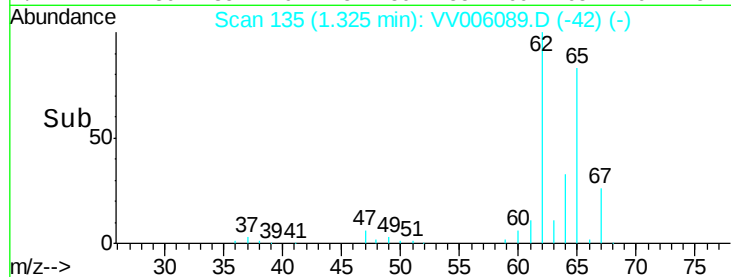
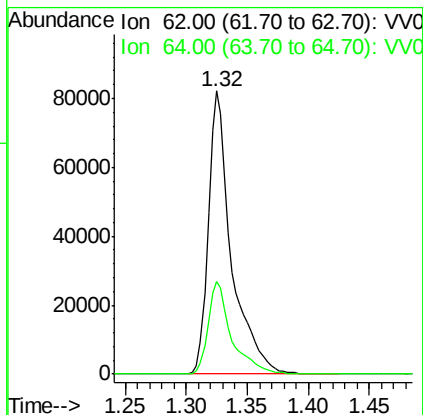
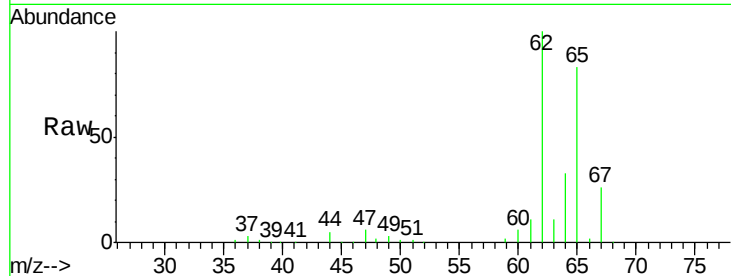
Acq: 27 May 2018 16:02

Tgt Ion: 62 Resp: 108350

Ion Ratio Lower Upper

62 100

64 32.9 23.1 42.9



#6

Bromomethane

Concen: 49.95 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006089.D

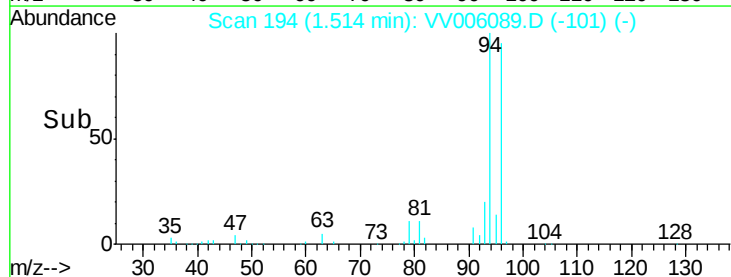
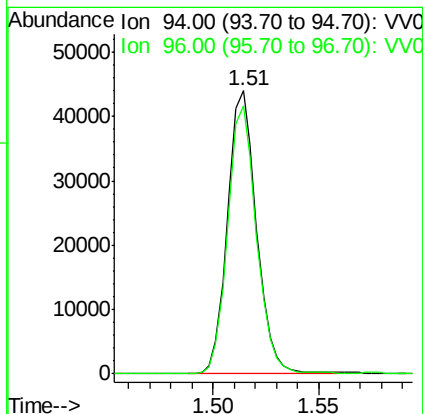
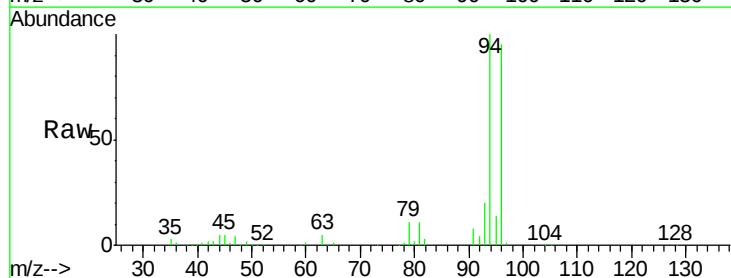
Acq: 27 May 2018 16:02

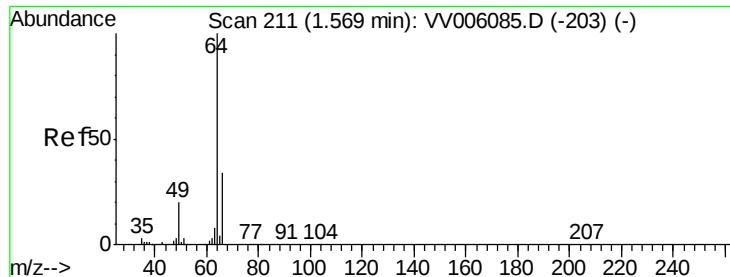
Tgt Ion: 94 Resp: 41516

Ion Ratio Lower Upper

94 100

96 94.8 67.3 125.1





#8

Chloroethane

Concen: 44.97 ug/L

RT: 1.57 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV006089.D

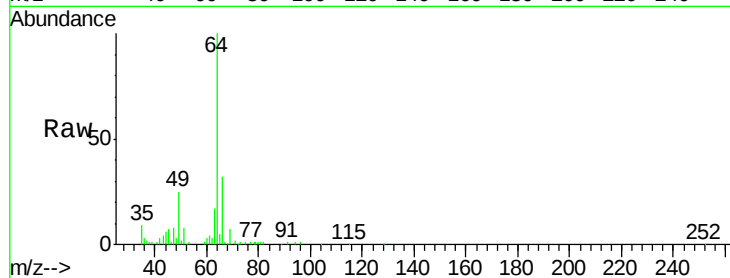
Acq: 27 May 2018 16:02

Tgt Ion: 64 Resp: 26921

Ion Ratio Lower Upper

64 100

66 32.1 23.4 43.6

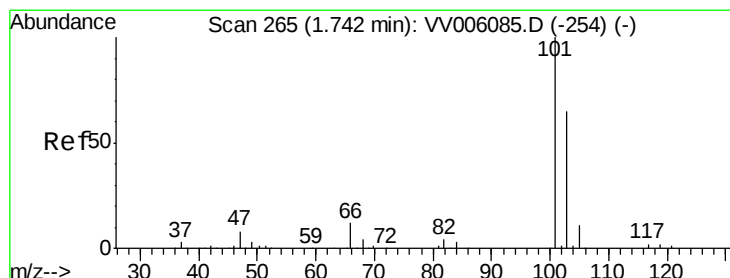
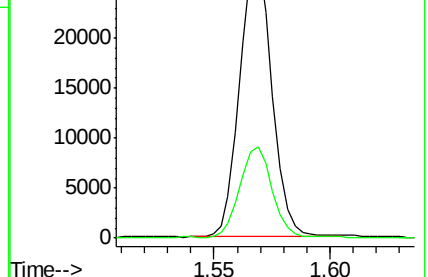
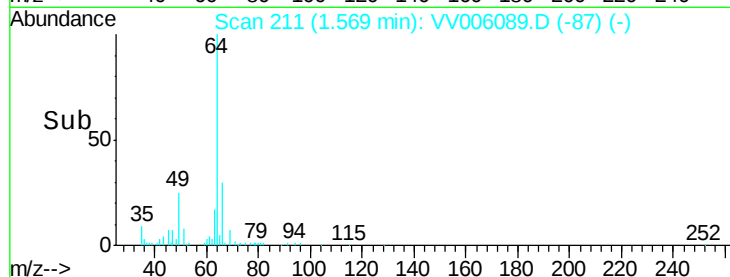


Abundance Ion 64.00 (63.70 to 64.70): VV006089.D (-203) (-)

Ion 66.00 (65.70 to 66.70): VV006089.D (-203) (-)

1.57

Time-->



#9

Trichlorofluoromethane

Concen: 47.86 ug/L

RT: 1.75 min Scan# 266

Delta R.T. 0.00 min

Lab File: VV006089.D

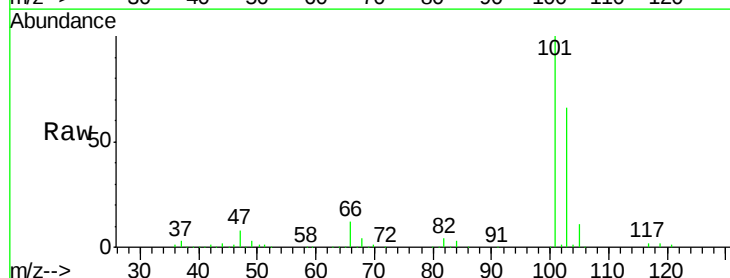
Acq: 27 May 2018 16:02

Tgt Ion: 101 Resp: 141668

Ion Ratio Lower Upper

101 100

103 65.0 52.2 78.4

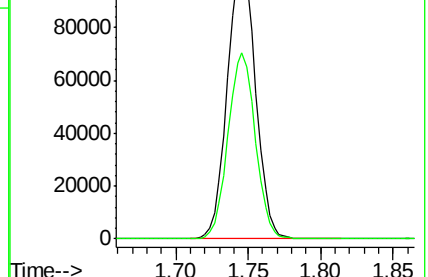
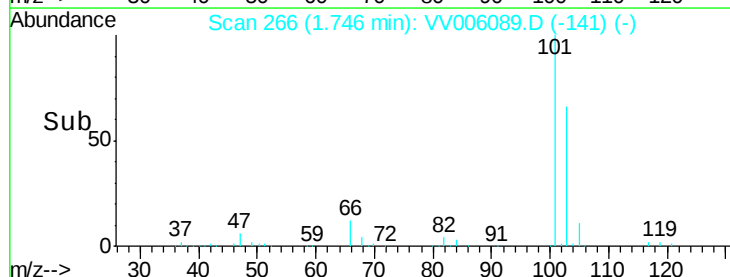


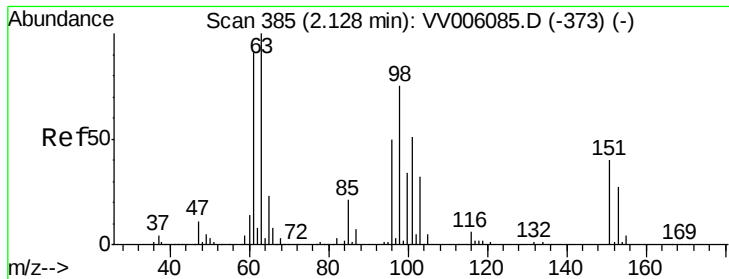
Abundance Ion 101.00 (100.70 to 101.70): VV006089.D (-254) (-)

Ion 103.00 (102.70 to 103.70): VV006089.D (-254) (-)

1.75

Time-->





#10

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

Concen: 47.93 ug/L

RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

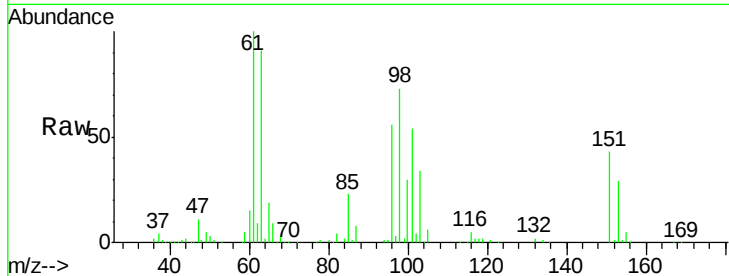
Tgt Ion: 101 Resp: 87722

Ion Ratio Lower Upper

101 100

85 43.1 34.0 51.0

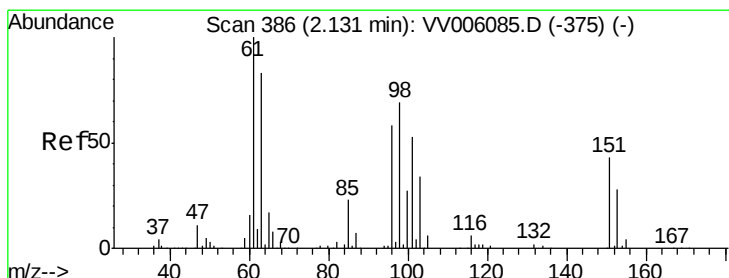
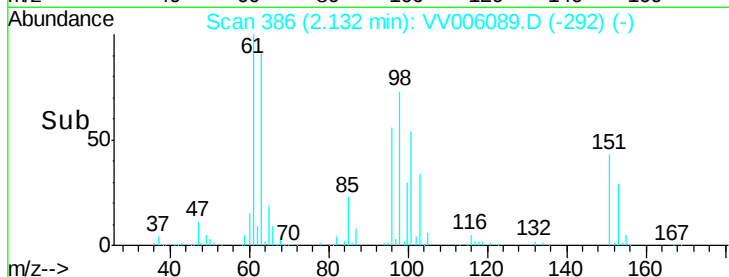
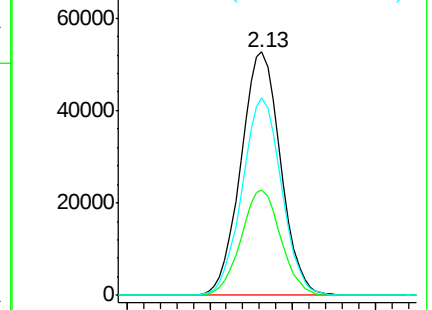
151 80.5 64.7 97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006089.D (-292) (-)

Ion 85.00 (84.70 to 85.70): VV006089.D (-292) (-)

Ion 151.00 (150.70 to 151.70): VV006089.D (-292) (-)



#12

1,1-Dichloroethene

Concen: 47.77 ug/L

RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

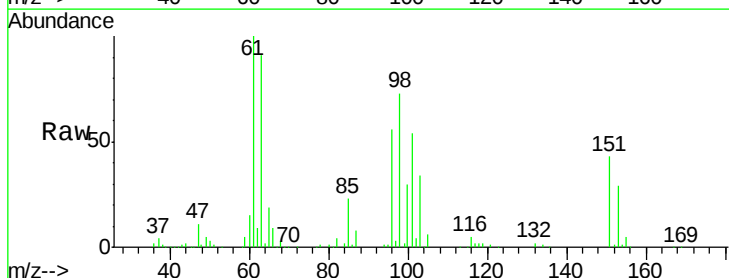
Tgt Ion: 96 Resp: 79532

Ion Ratio Lower Upper

96 100

61 178.1 120.5 223.9

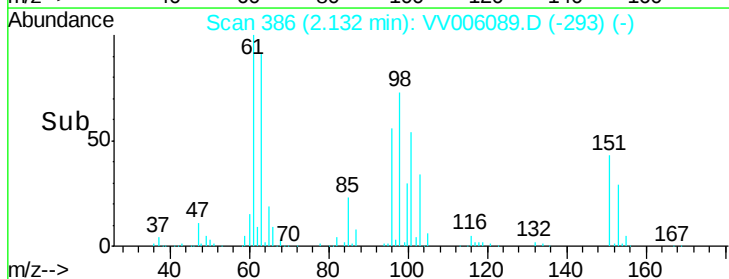
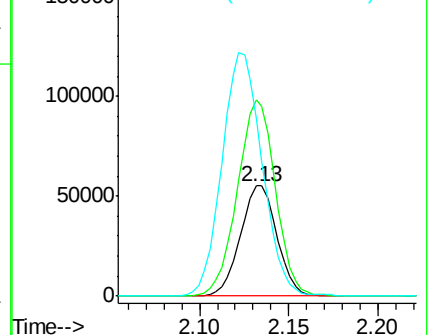
63 161.3 103.3 191.9

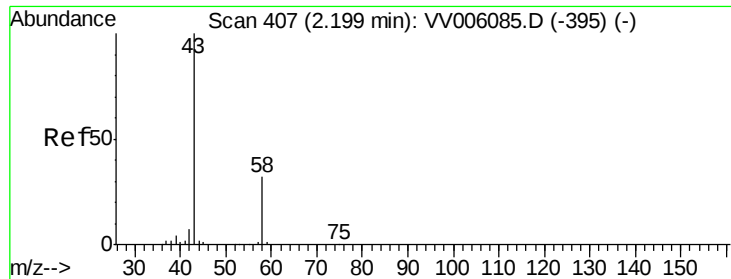


Abundance Ion 96.00 (95.70 to 96.70): VV006089.D (-293) (-)

Ion 61.00 (60.70 to 61.70): VV006089.D (-293) (-)

Ion 63.00 (62.70 to 63.70): VV006089.D (-293) (-)





#13

Acetone

Concen: 99.87 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006089.D

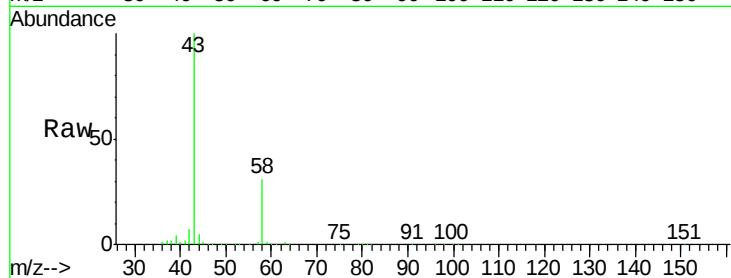
Acq: 27 May 2018 16:02

Tgt Ion: 43 Resp: 119883

Ion Ratio Lower Upper

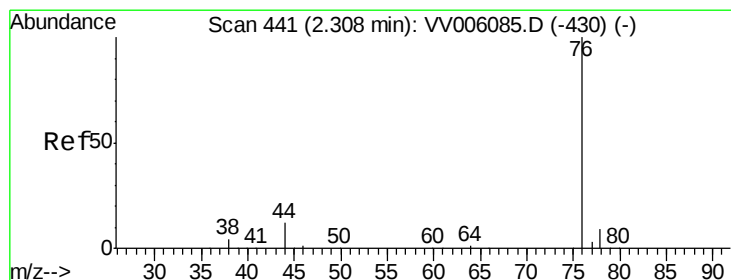
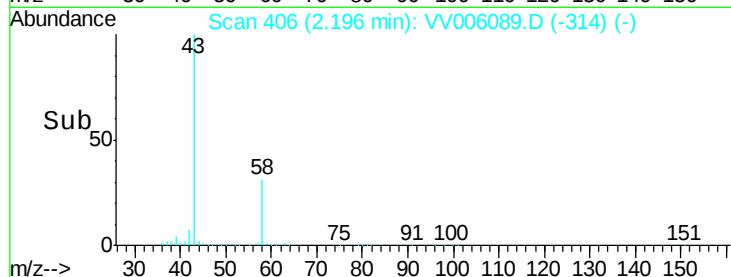
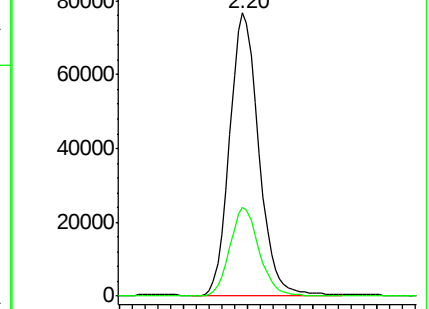
43 100

58 31.8 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV006085.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV006085.D (-395) (-)



#14

Carbon disulfide

Concen: 48.58 ug/L

RT: 2.31 min Scan# 442

Delta R.T. 0.00 min

Lab File: VV006089.D

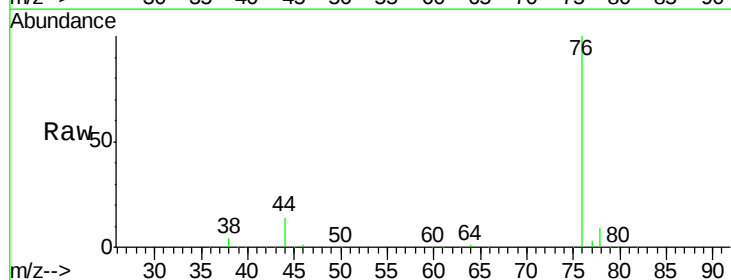
Acq: 27 May 2018 16:02

Tgt Ion: 76 Resp: 223696

Ion Ratio Lower Upper

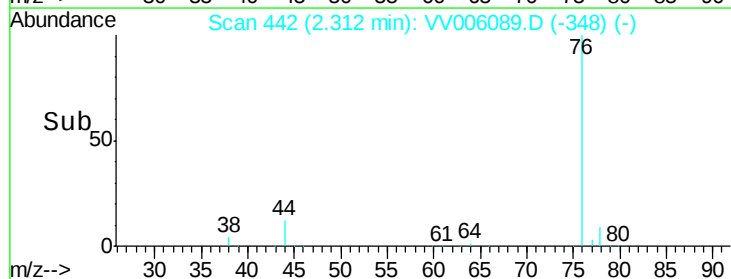
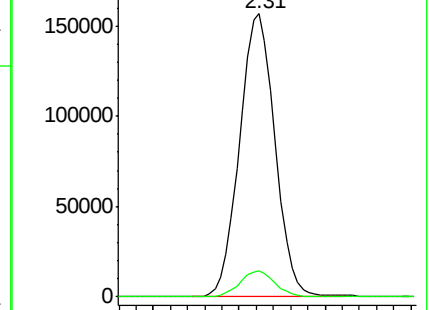
76 100

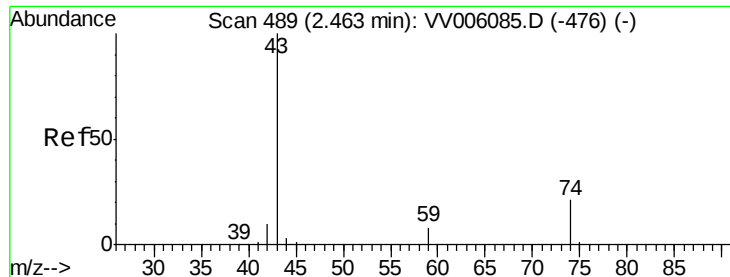
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV006085.D (-430) (-)

Ion 78.00 (77.70 to 78.70): VV006085.D (-430) (-)





#15

Methyl Acetate

Concen: 51.38 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006089.D

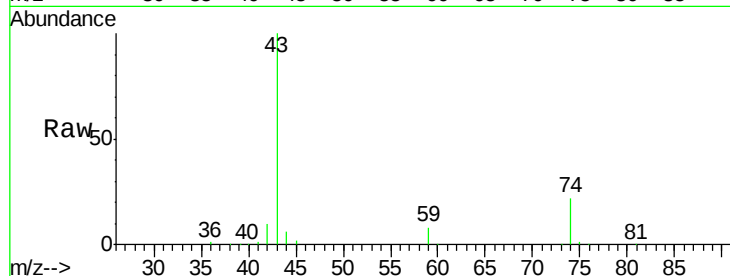
Acq: 27 May 2018 16:02

Tgt Ion: 43 Resp: 114019

Ion Ratio Lower Upper

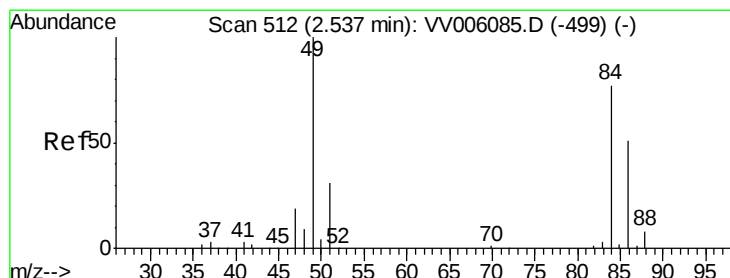
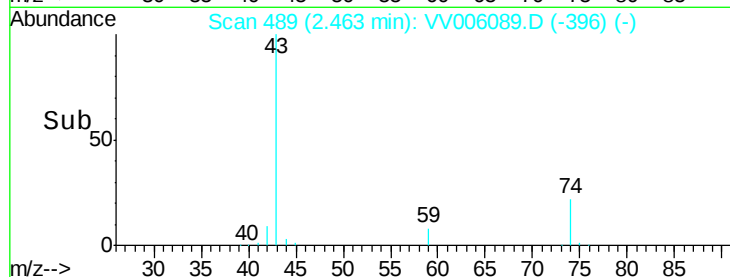
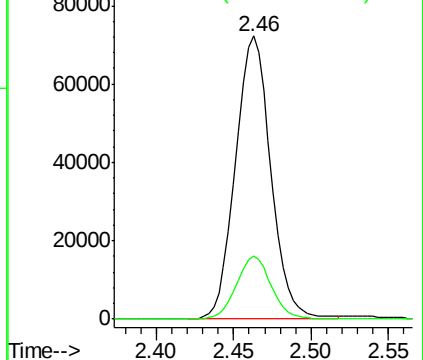
43 100

74 22.1 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 49.94 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

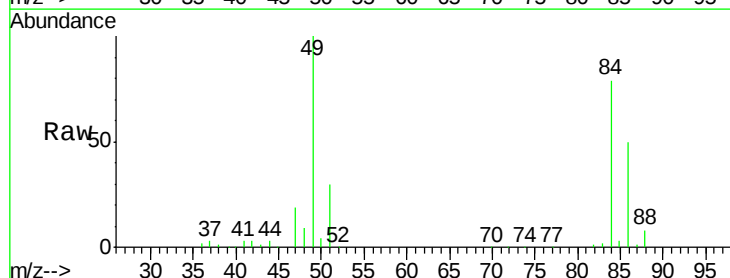
Tgt Ion: 84 Resp: 94386

Ion Ratio Lower Upper

84 100

86 64.1 46.3 85.9

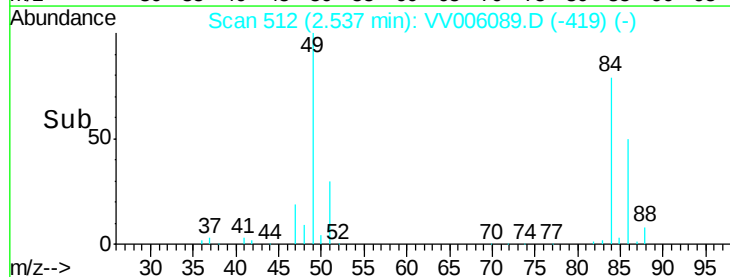
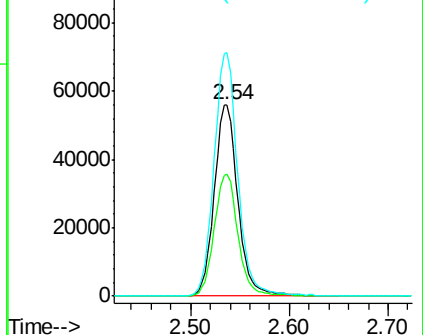
49 127.2 90.7 168.5

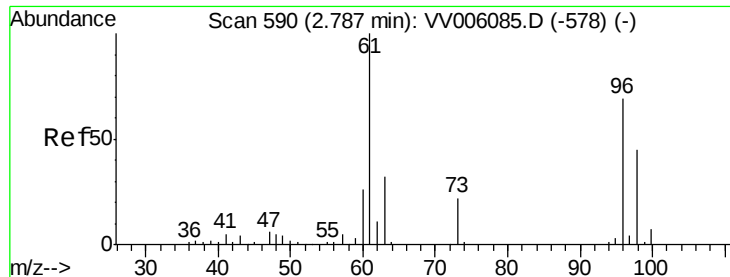


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 48.11 ug/L

RT: 2.79 min Scan# 590

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

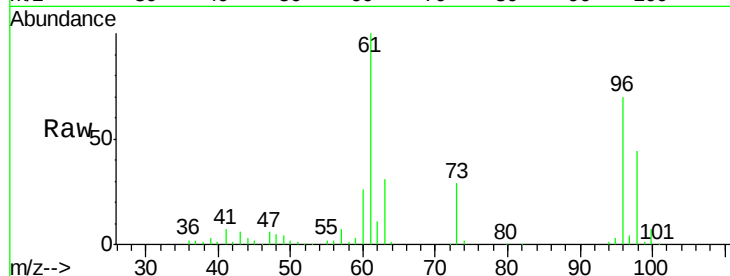
Tgt Ion: 96 Resp: 84994

Ion Ratio Lower Upper

96 100

61 143.3 102.1 189.5

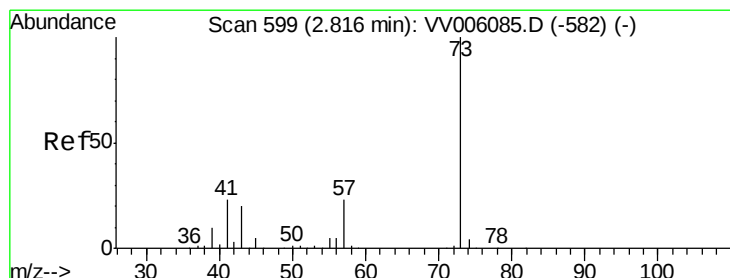
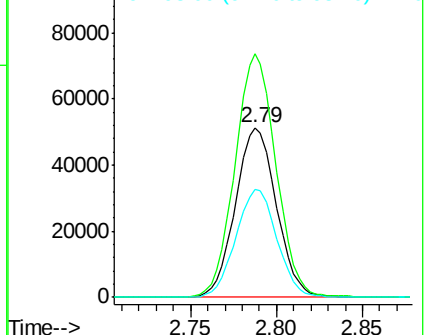
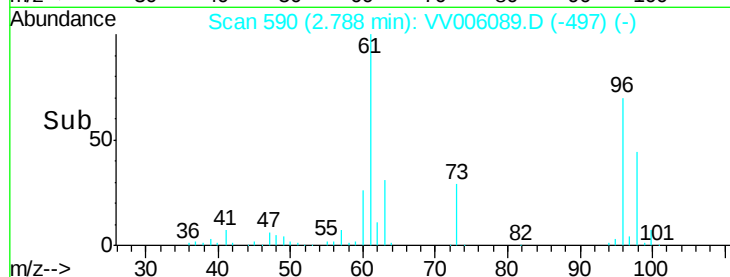
98 63.7 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VV006089.D (-497) (-)

Ion 61.00 (60.70 to 61.70): VV006089.D (-497) (-)

Ion 98.00 (97.70 to 98.70): VV006089.D (-497) (-)



#18

Methyl tert-butyl Ether

Concen: 51.02 ug/L

RT: 2.81 min Scan# 598

Delta R.T. -0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

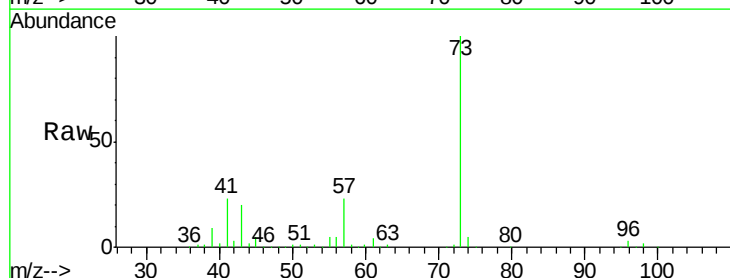
Tgt Ion: 73 Resp: 299835

Ion Ratio Lower Upper

73 100

43 19.3 15.9 23.9

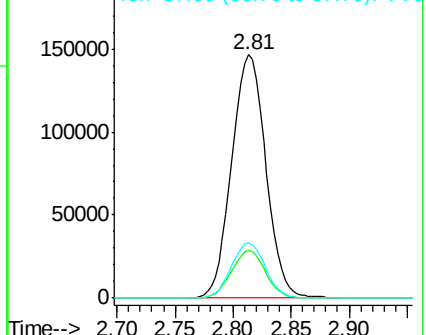
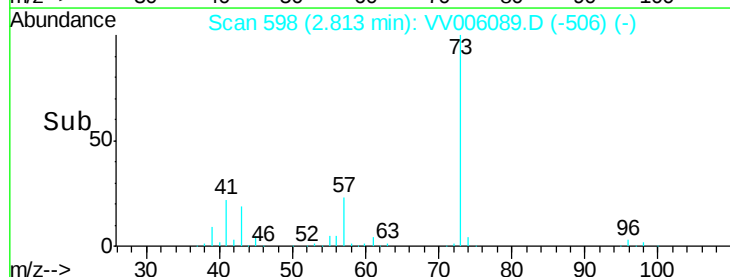
57 22.6 18.2 27.4

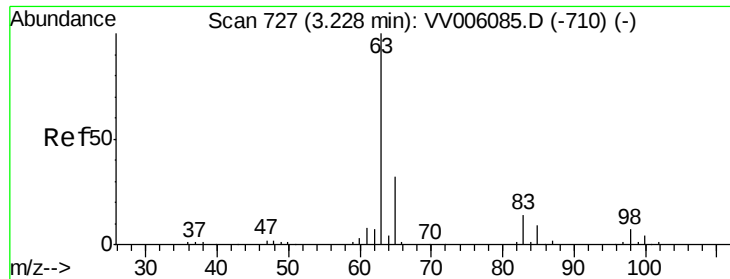


Abundance Ion 73.00 (72.70 to 73.70): VV006089.D (-506) (-)

Ion 43.00 (42.70 to 43.70): VV006089.D (-506) (-)

Ion 57.00 (56.70 to 57.70): VV006089.D (-506) (-)





#19

1,1-Dichloroethane

Concen: 49.59 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

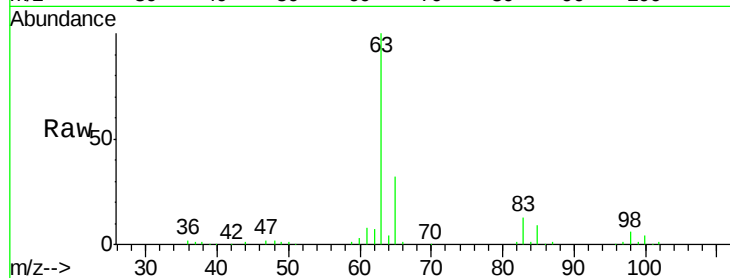
Tgt Ion: 63 Resp: 167684

Ion Ratio Lower Upper

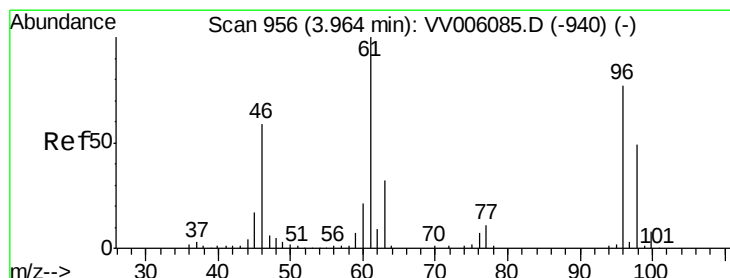
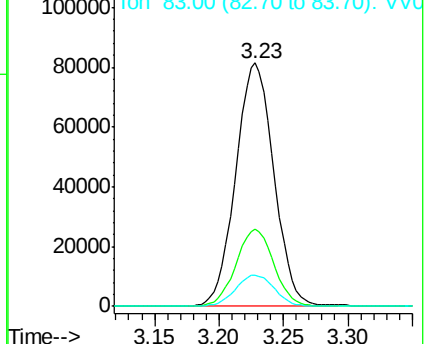
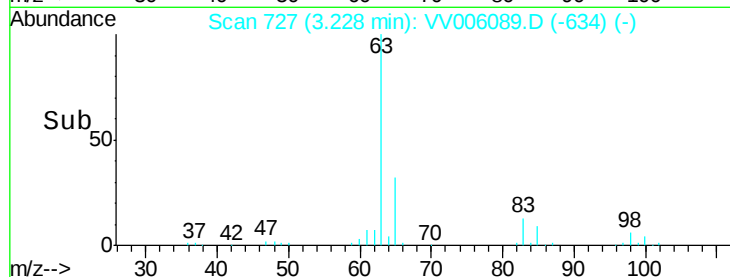
63 100

65 31.6 22.3 41.5

83 12.9 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VV006089.D (-634) (-)



#20

cis-1,2-Dichloroethene

Concen: 50.53 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

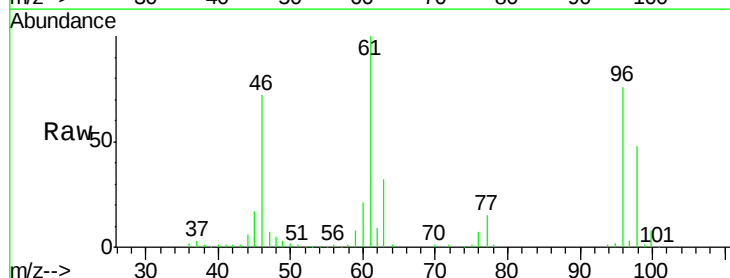
Tgt Ion: 96 Resp: 96269

Ion Ratio Lower Upper

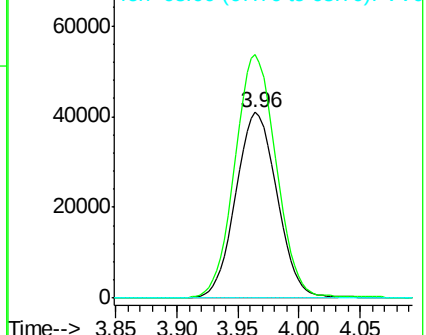
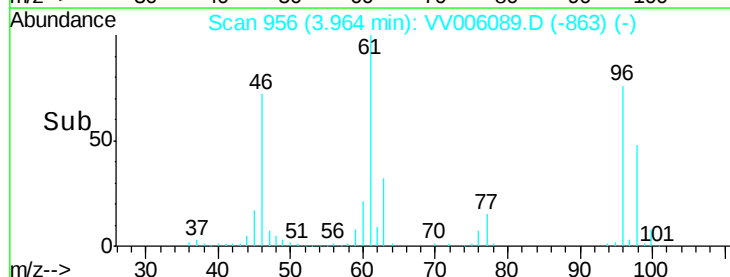
96 100

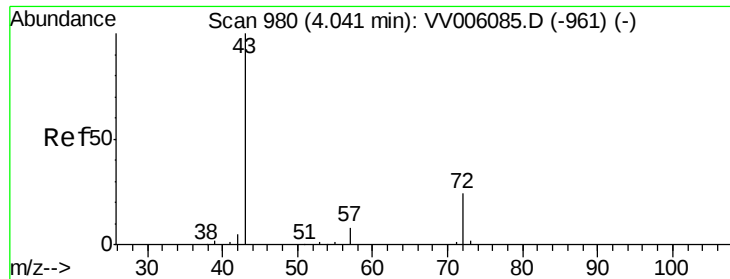
61 131.3 91.7 170.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006089.D (-863) (-)





#22

2-Butanone

Concen: 103.79 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: VV006089.D

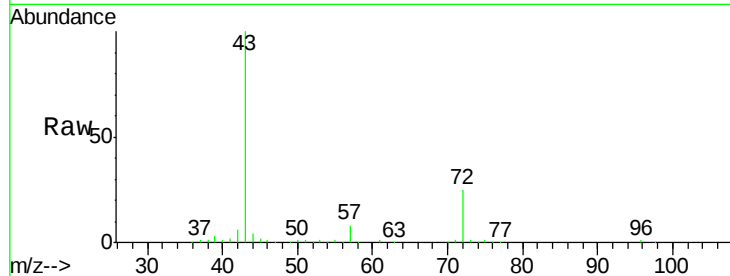
Acq: 27 May 2018 16:02

Tgt Ion: 43 Resp: 161385

Ion Ratio Lower Upper

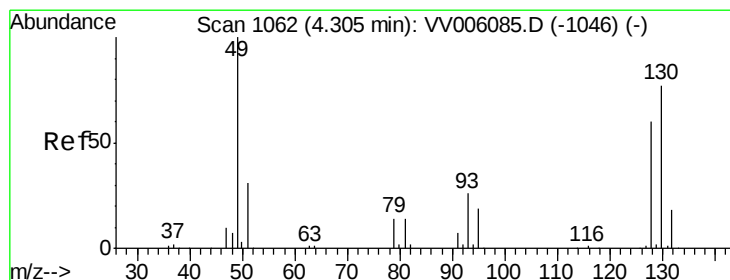
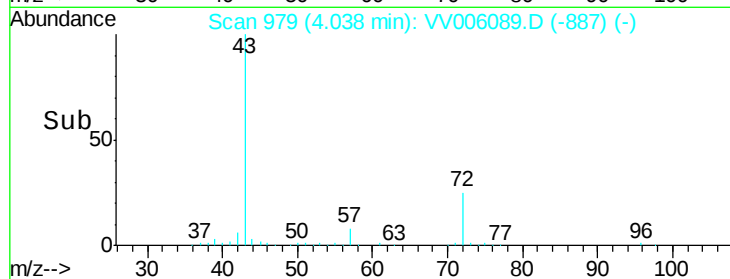
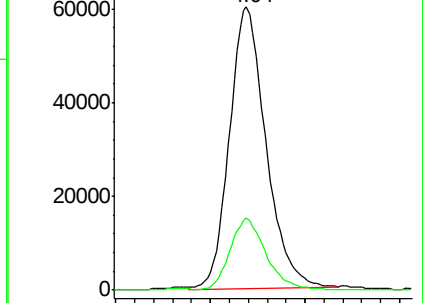
43 100

72 25.4 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006089.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VV006089.D (-961) (-)



#23

Bromochloromethane

Concen: 50.13 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

Tgt Ion: 128 Resp: 48952

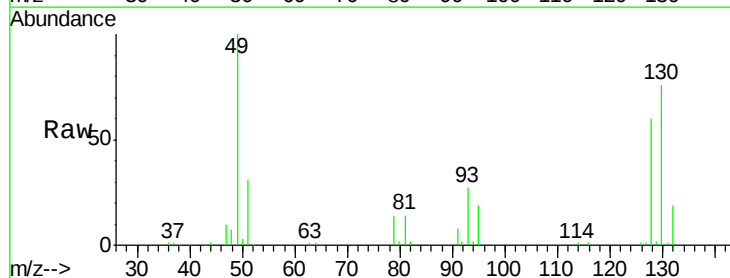
Ion Ratio Lower Upper

128 100

49 168.0 118.1 219.3

130 128.1 90.1 167.3

51 52.4 41.9 62.9

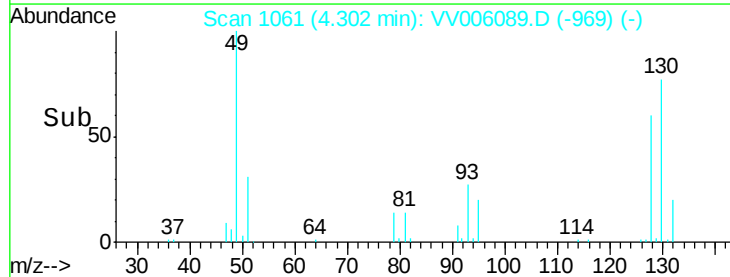
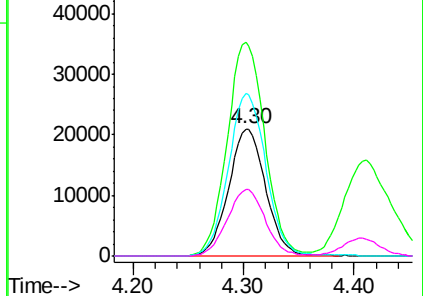


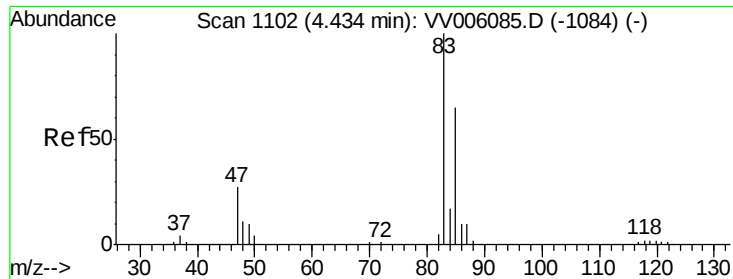
Abundance Ion 128.00 (127.70 to 128.70): VV006089.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006089.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006089.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VV006089.D (-969) (-)





#25

Chloroform

Concen: 50.84 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV006089.D

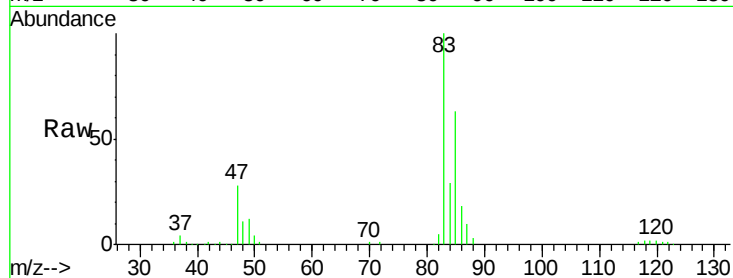
Acq: 27 May 2018 16:02

Tgt Ion: 83 Resp: 167447

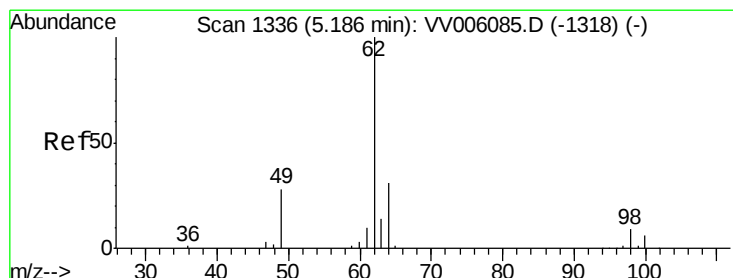
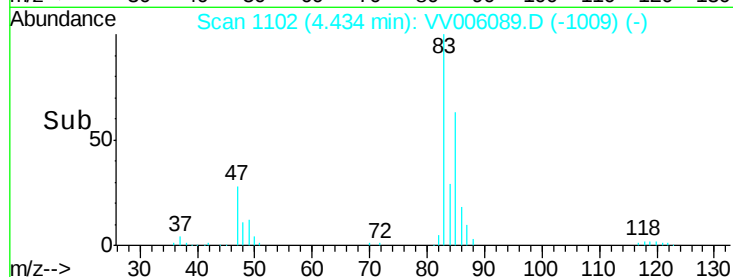
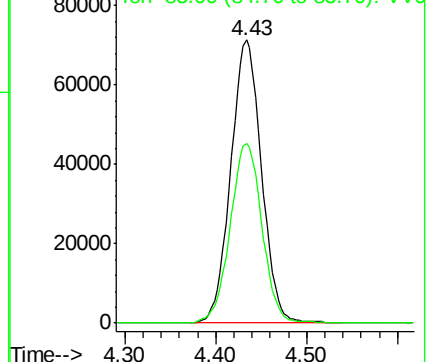
Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV006089.D (-1009) (-)



#27

1,2-Dichloroethane

Concen: 49.97 ug/L

RT: 5.19 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VV006089.D

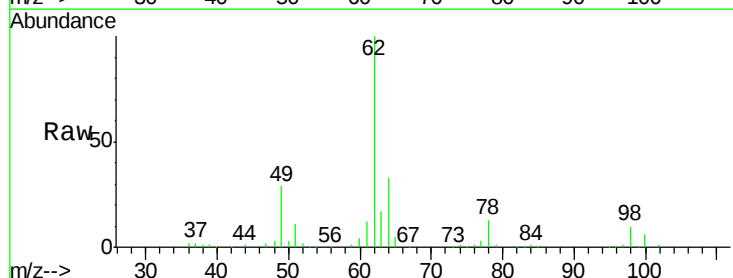
Acq: 27 May 2018 16:02

Tgt Ion: 62 Resp: 132239

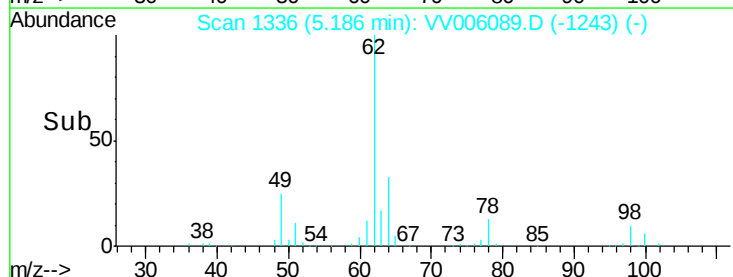
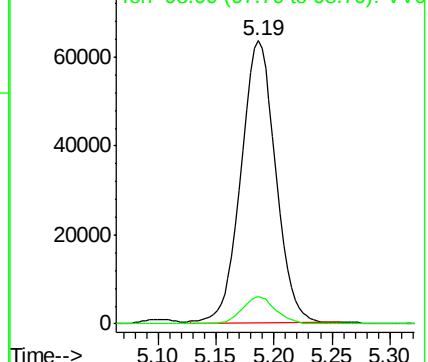
Ion Ratio Lower Upper

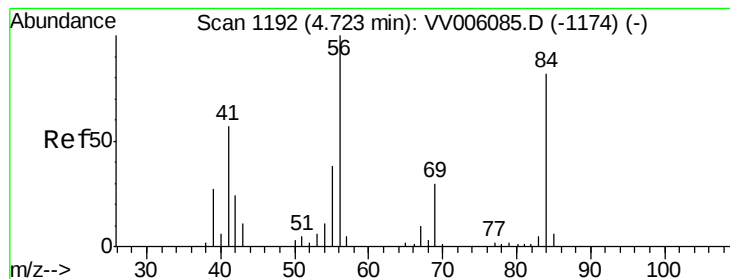
62 100

98 9.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV006089.D (-1243) (-)





#29

Cyclohexane

Concen: 50.70 ug/L

RT: 4.72 min Scan# 1192

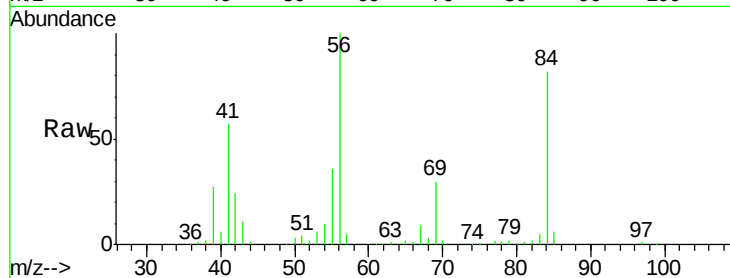
Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

Tgt Ion: 56 Resp: 148877

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.6
84	82.8	67.1	100.7

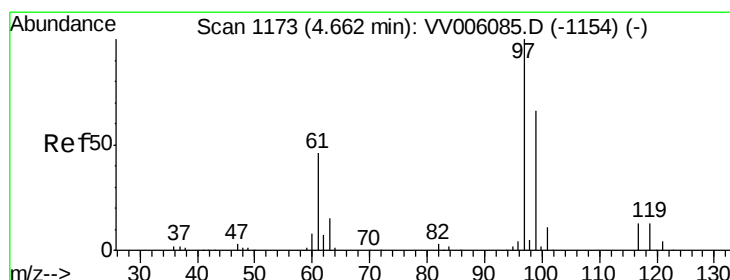
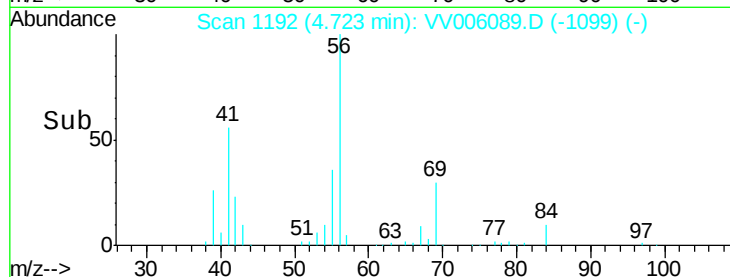
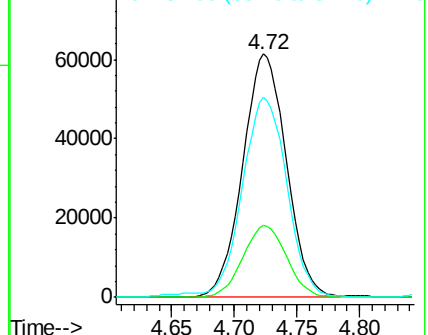


Abundance

Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 49.89 ug/L

RT: 4.66 min Scan# 1173

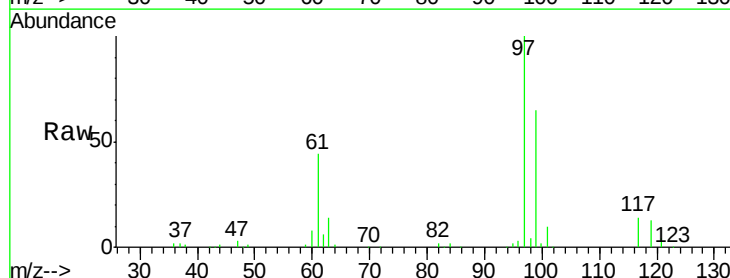
Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

Tgt Ion: 97 Resp: 136864

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	44.7	37.0	55.6

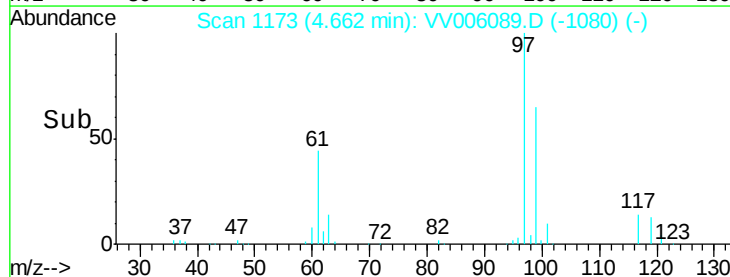
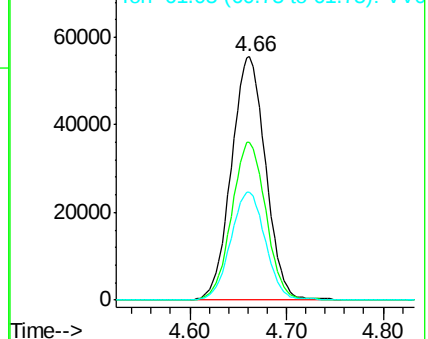


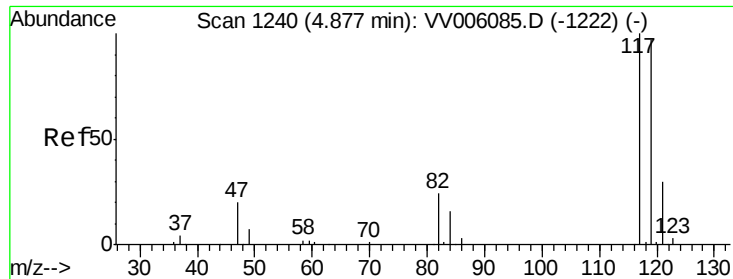
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.68 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006089.D

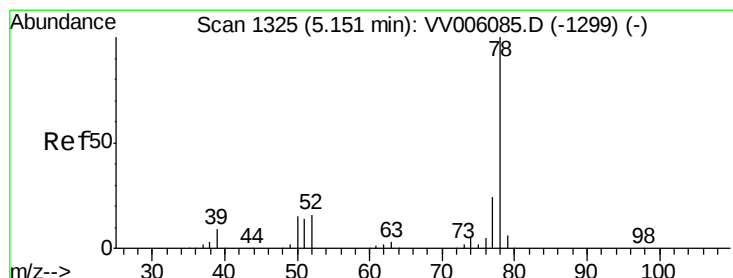
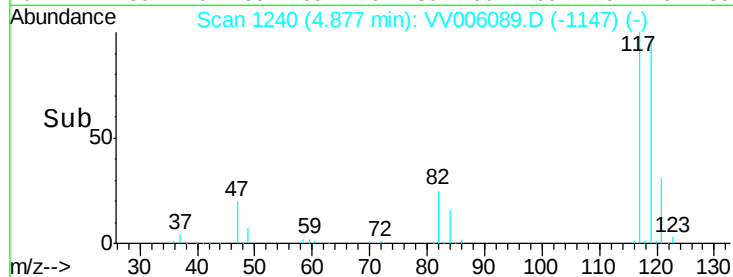
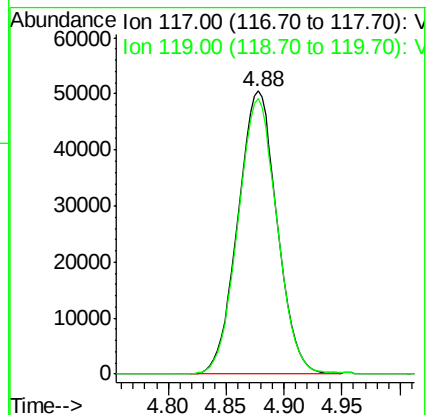
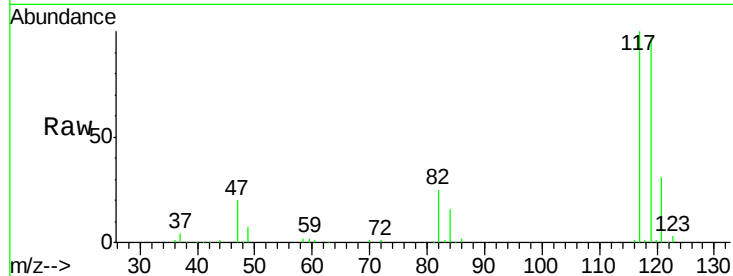
Acq: 27 May 2018 16:02

Tgt Ion: 117 Resp: 118602

Ion Ratio Lower Upper

117 100

119 97.5 77.2 115.8



#33

Benzene

Concen: 49.32 ug/L

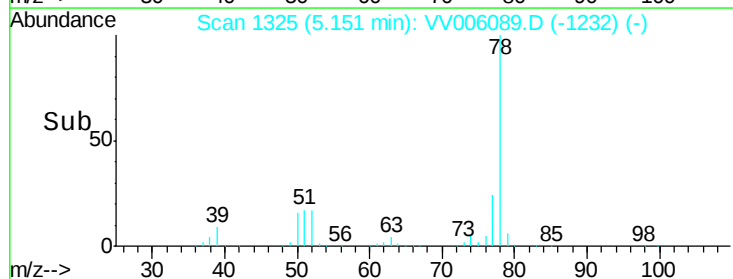
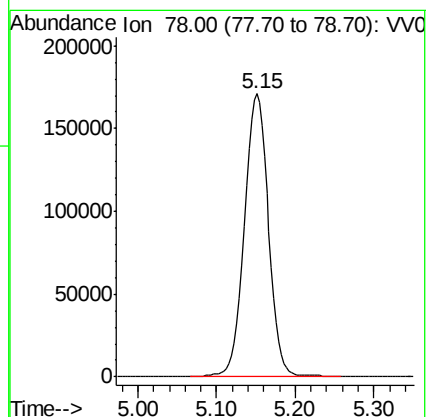
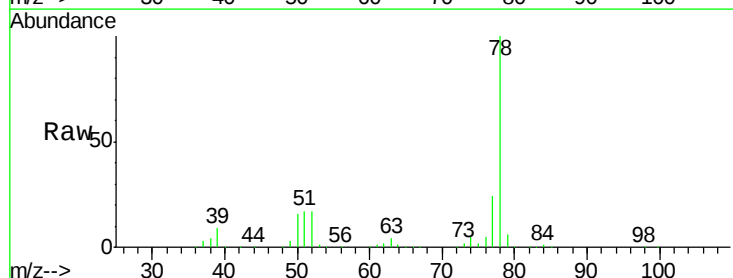
RT: 5.15 min Scan# 1325

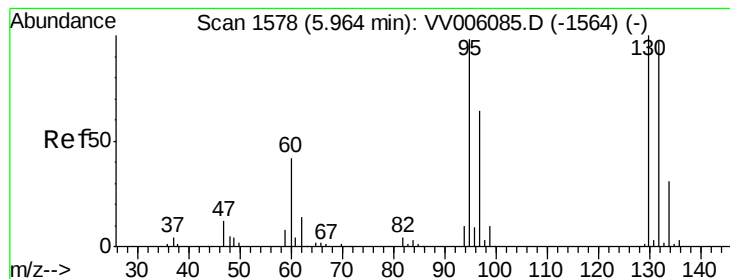
Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

Tgt Ion: 78 Resp: 368916





#34

Trichloroethene

Concen: 48.10 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

Tgt Ion: 95 Resp: 90258

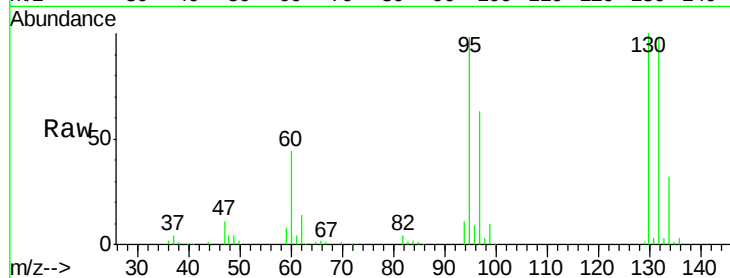
Ion Ratio Lower Upper

95 100

97 64.0 45.4 84.4

132 100.5 69.0 128.2

130 102.4 71.2 132.2

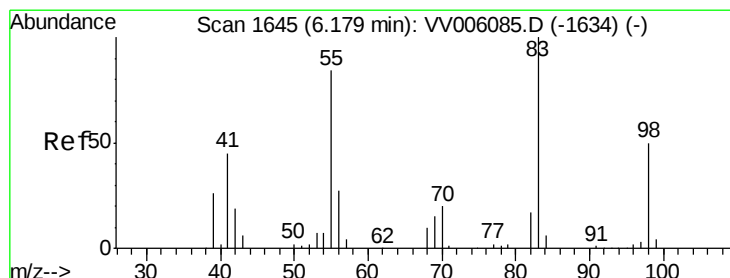
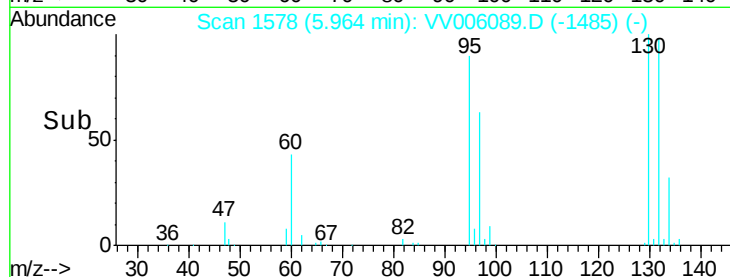
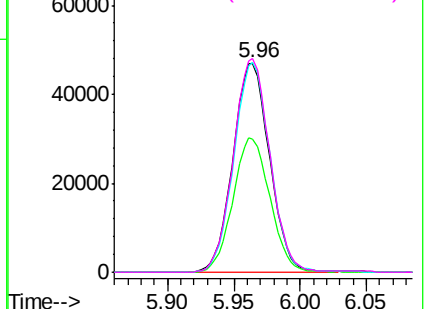


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 50.40 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

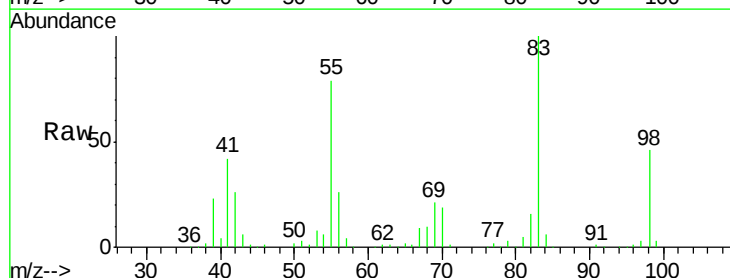
Tgt Ion: 83 Resp: 153237

Ion Ratio Lower Upper

83 100

55 79.0 62.8 94.2

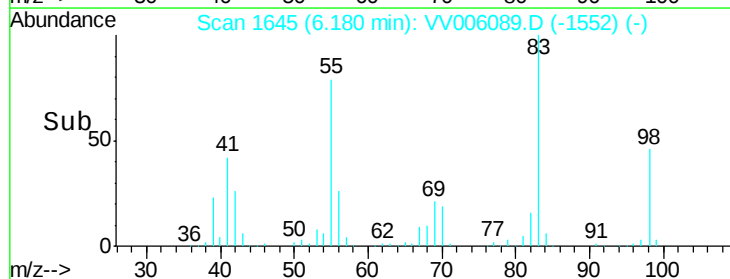
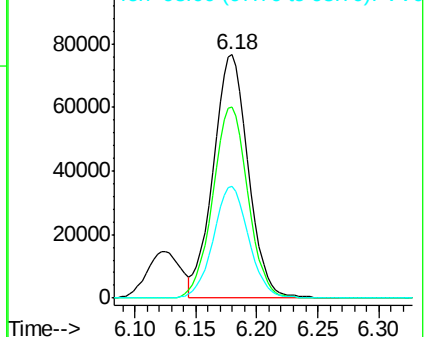
98 46.9 37.5 56.3

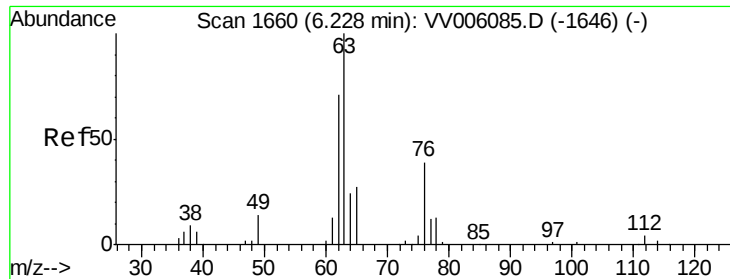


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

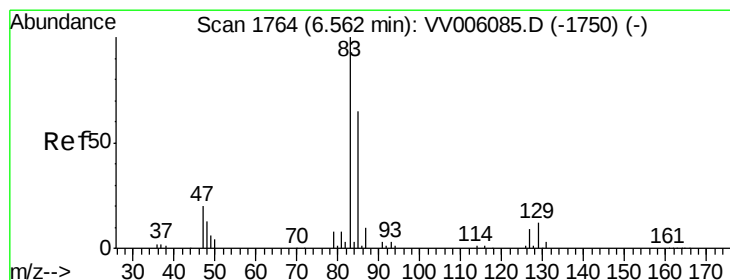
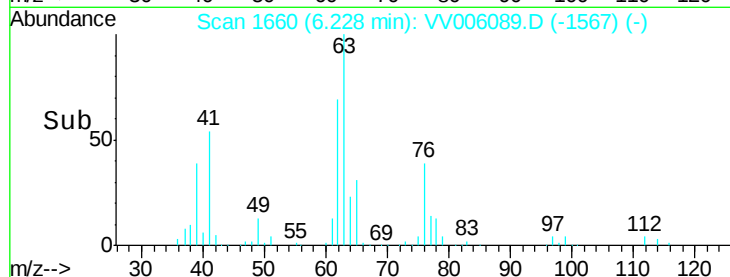
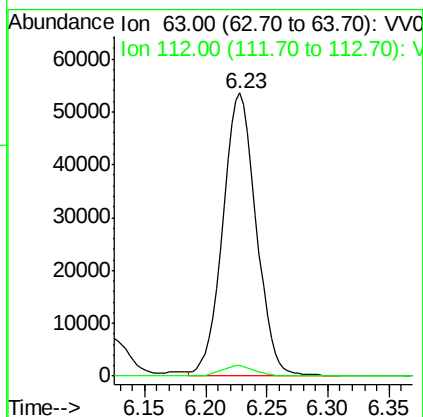
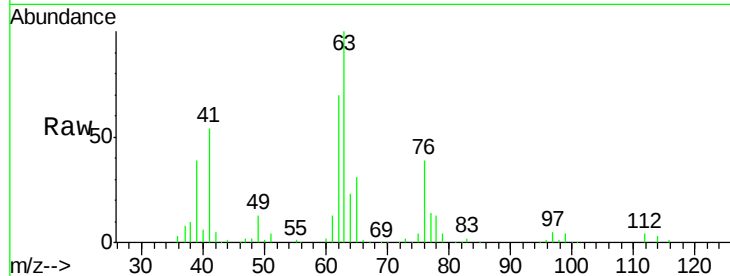
Ion 98.00 (97.70 to 98.70): VV0





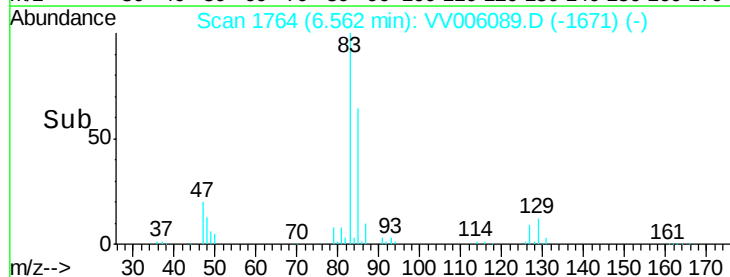
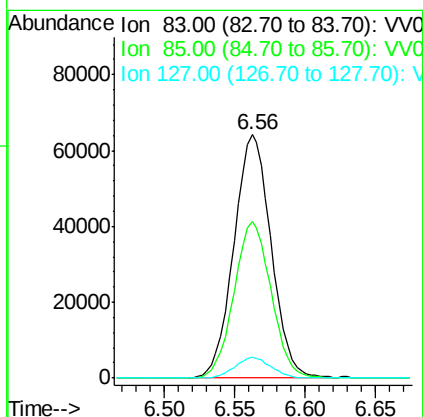
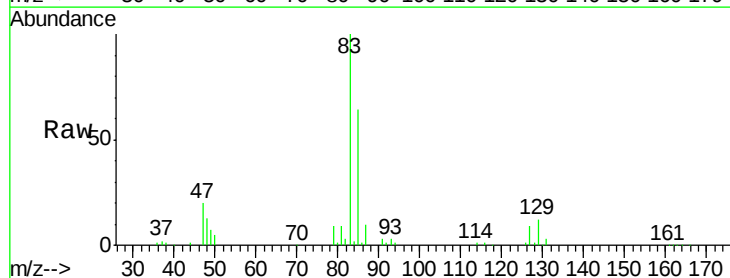
#37
 1,2-Dichloropropane
 Concen: 50.34 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

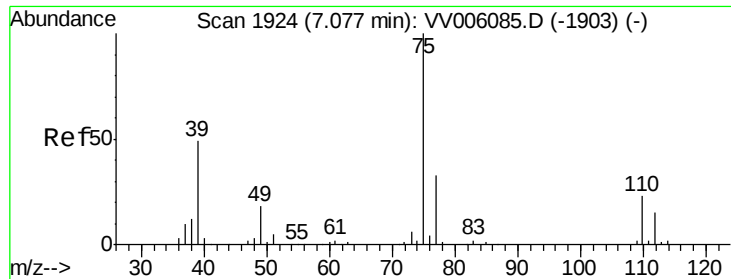
Tgt Ion: 63 Resp: 102692
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.2 4.8



#38
 Bromodichloromethane
 Concen: 50.31 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

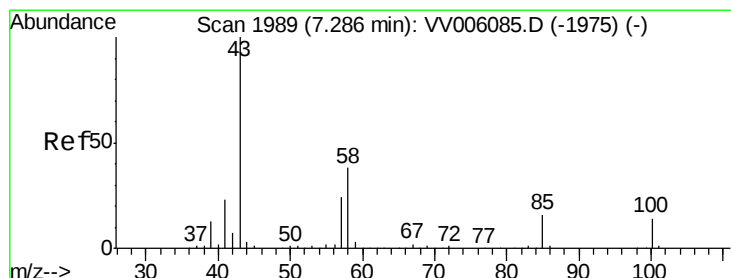
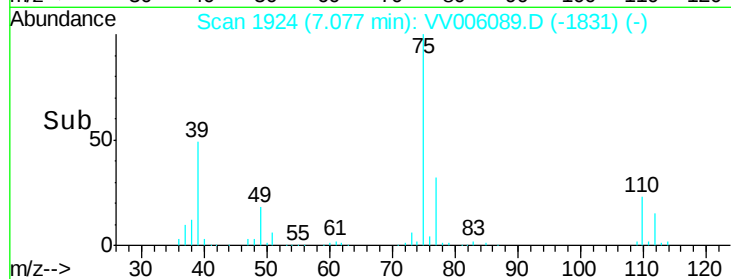
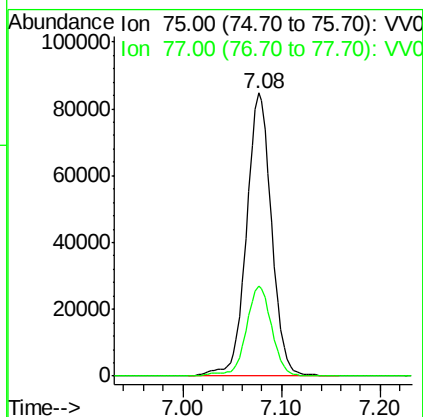
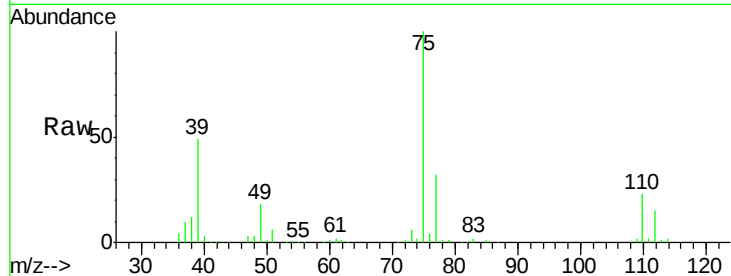
Tgt Ion: 83 Resp: 118884
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.6 84.6
 127 8.7 6.9 10.3





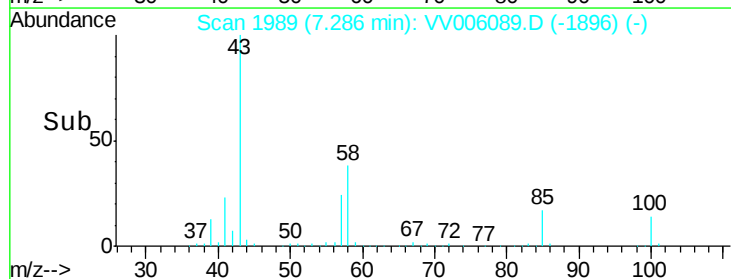
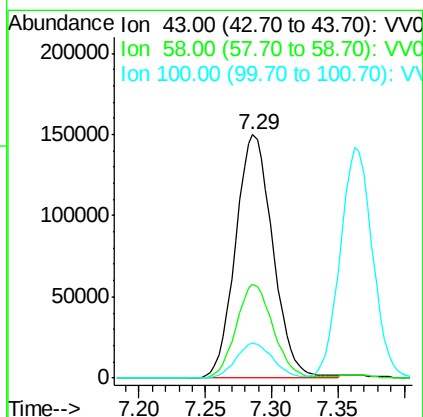
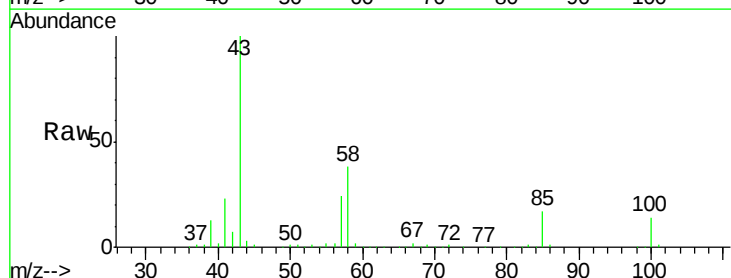
#39
 cis-1,3-Dichloropropene
 Concen: 52.41 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

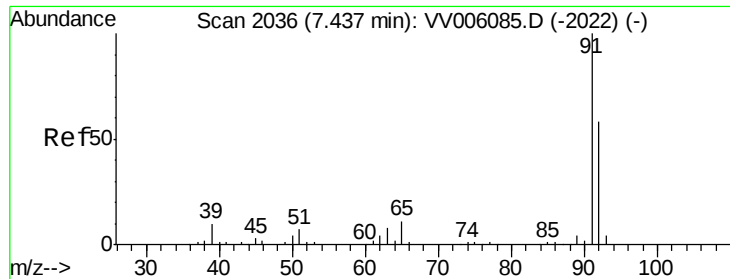
Tgt Ion: 75 Resp: 148643
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 109.79 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

Tgt Ion: 43 Resp: 293322
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.3 45.5
 100 14.2 11.2 16.8





#42

Toluene

Concen: 50.67 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006089.D

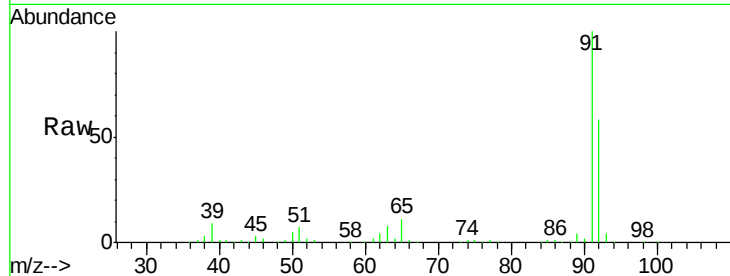
Acq: 27 May 2018 16:02

Tgt Ion: 91 Resp: 388196

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV006089.D (-1943) (-)

Ion 92.00 (91.70 to 92.70): VV006089.D (-1943) (-)

7.44

250000

200000

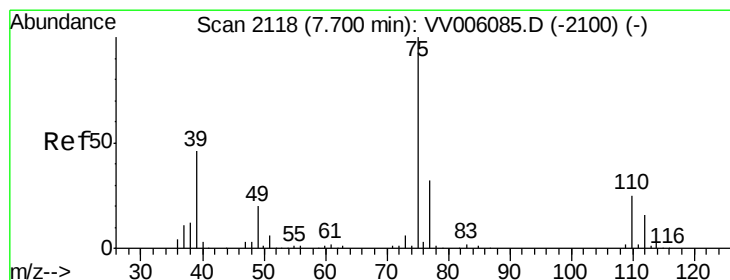
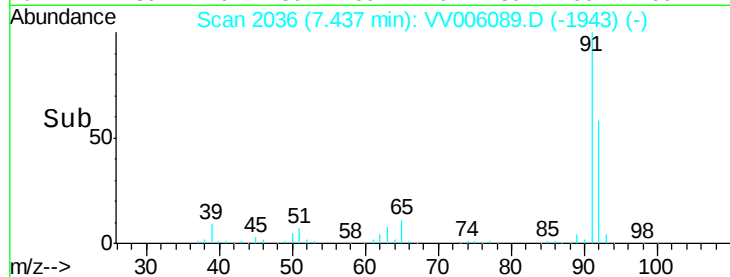
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 52.54 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006089.D

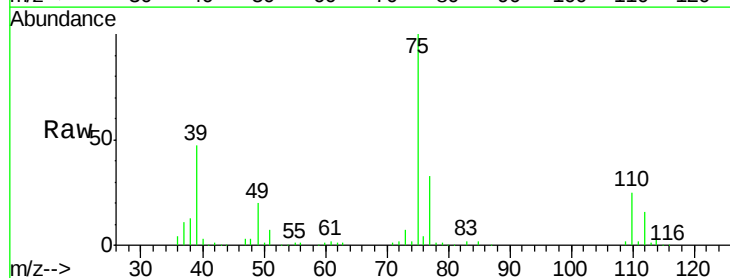
Acq: 27 May 2018 16:02

Tgt Ion: 75 Resp: 137469

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV006089.D (-2025) (-)

Ion 77.00 (76.70 to 77.70): VV006089.D (-2025) (-)

7.70

80000

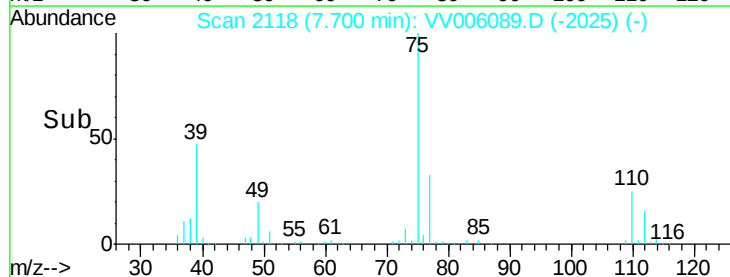
60000

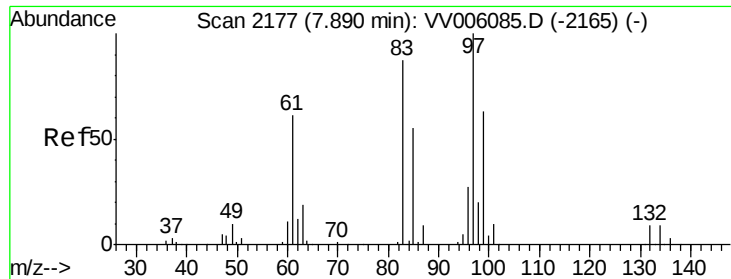
40000

20000

0

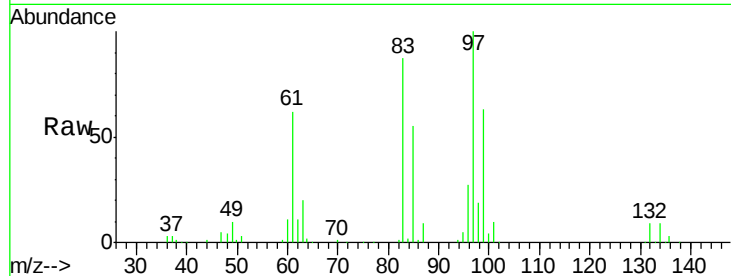
Time-->



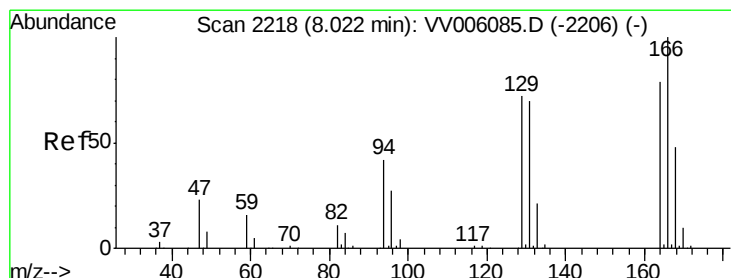
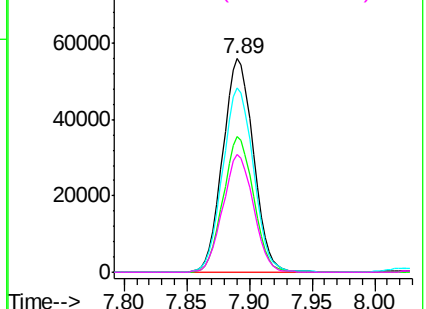
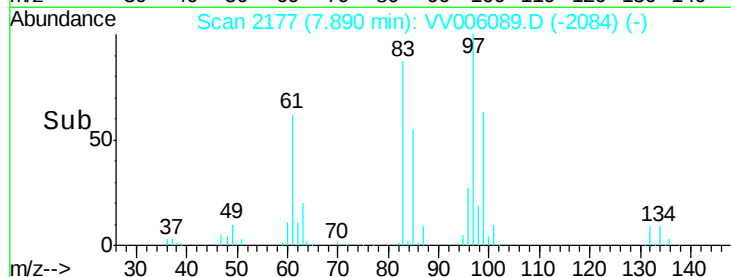


#45
 1,1,2-Trichloroethane
 Concen: 50.79 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

Tgt Ion:	97	Resp:	95270
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.0	81.6
83	86.5	61.0	113.4
85	55.4	38.6	71.6

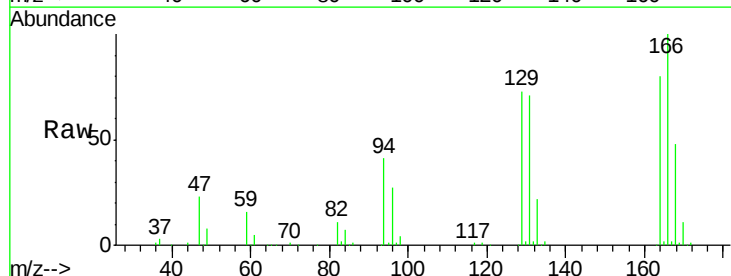


Abundance Ion 97.00 (96.70 to 97.70): VV006089.D (-2084) (-)

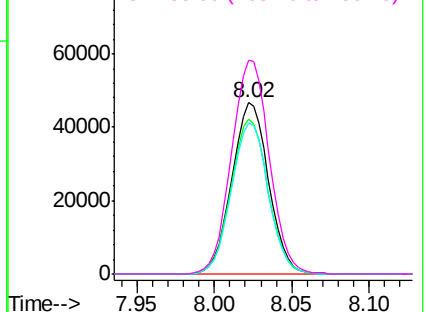
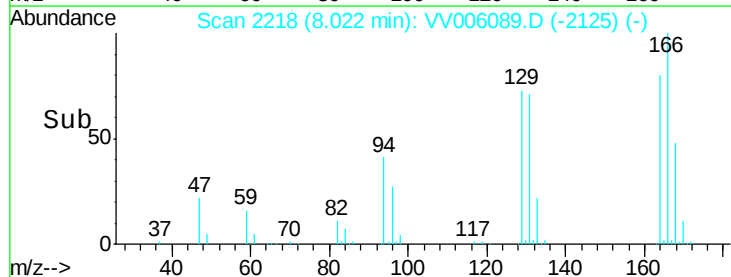


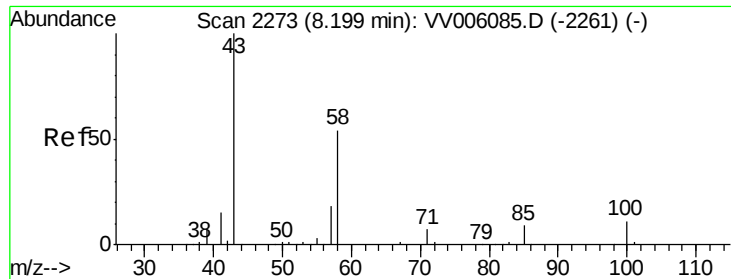
#46
 Tetrachloroethene
 Concen: 49.16 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

Tgt Ion:	164	Resp:	76961
Ion	Ratio	Lower	Upper
164	100		
129	90.5	63.9	118.7
131	88.4	61.6	114.4
166	124.8	88.3	164.1



Abundance Ion 164.00 (163.70 to 164.70): VV006089.D (-2125) (-)

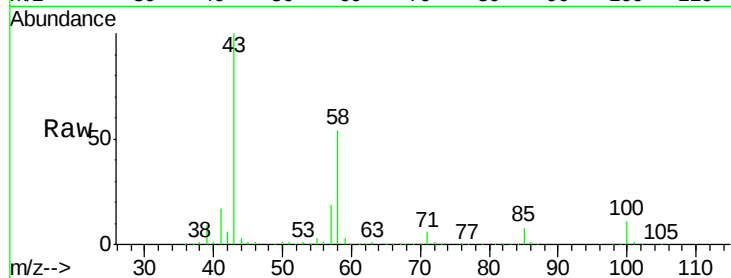




#48
2-Hexanone
Concen: 109.50 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

Tgt Ion: 43 Resp: 242098

Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.2	63.4
57	18.6	14.5	21.7
100	11.4	8.7	13.1

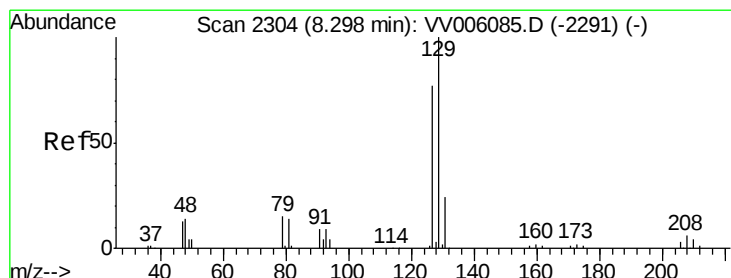
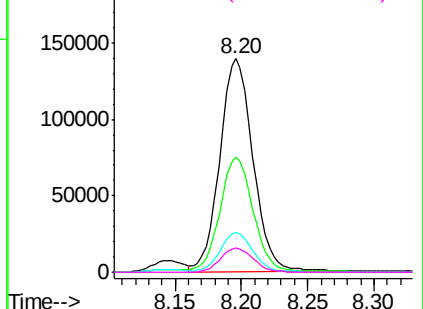
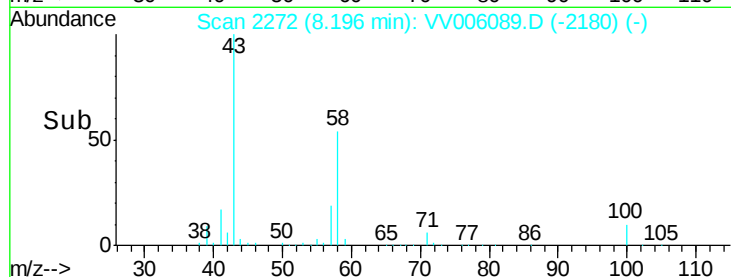


Abundance Ion 43.00 (42.70 to 43.70): VV006089.D (-2180) (-)

Ion 58.00 (57.70 to 58.70): VV006089.D (-2180) (-)

Ion 57.00 (56.70 to 57.70): VV006089.D (-2180) (-)

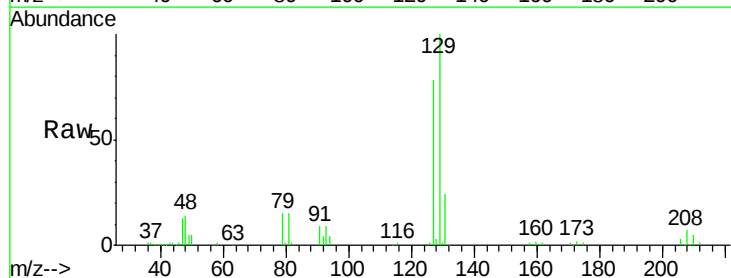
Ion 100.00 (99.70 to 100.70): VV006089.D (-2180) (-)



#49
Dibromochloromethane
Concen: 51.28 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

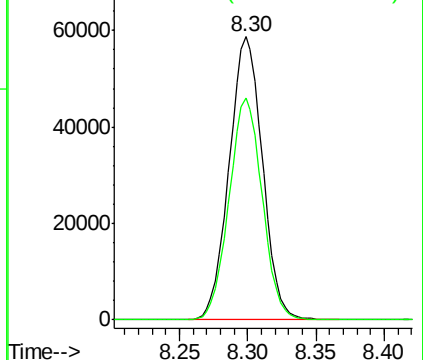
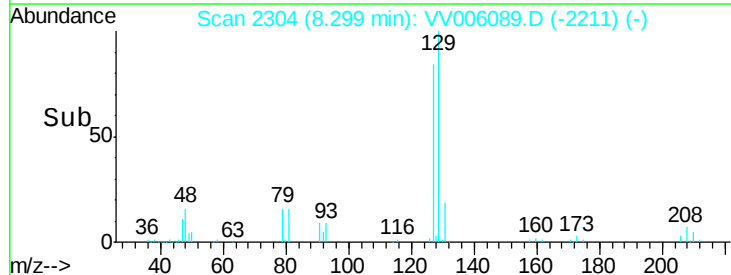
Tgt Ion: 129 Resp: 99474

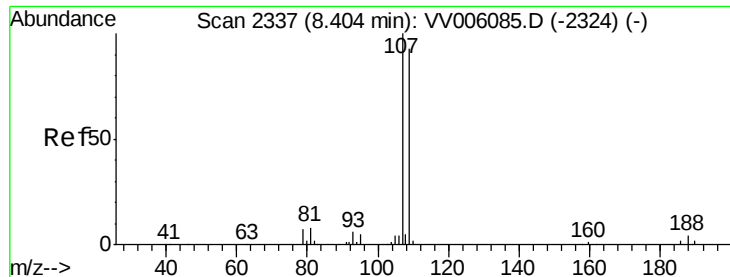
Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.1	100.5



Abundance Ion 129.00 (128.70 to 129.70): VV006089.D (-2211) (-)

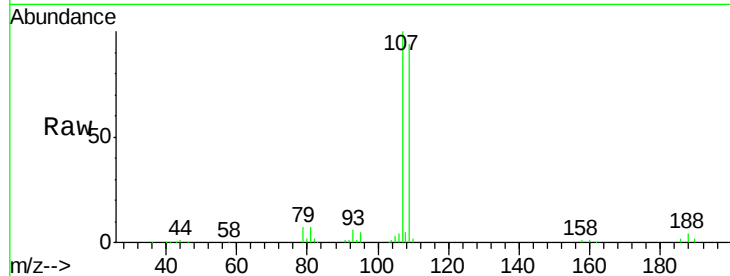
Ion 127.00 (126.70 to 127.70): VV006089.D (-2211) (-)



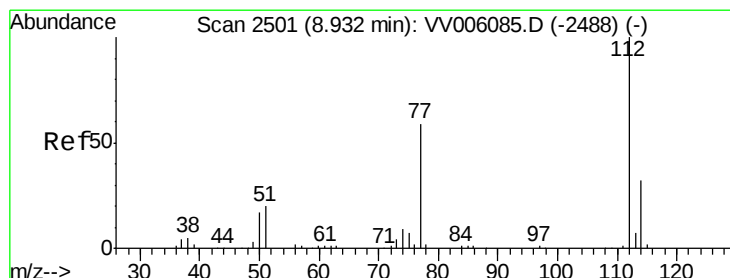
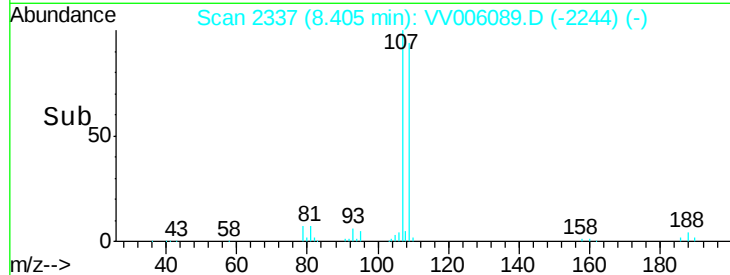
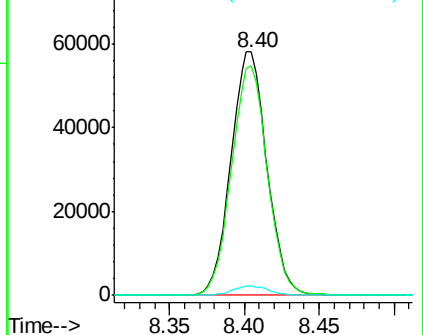


#50
1,2-Dibromoethane
Concen: 52.08 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

Tgt Ion:107 Resp: 97143
Ion Ratio Lower Upper
107 100
109 94.1 64.8 120.4
188 3.9 3.1 4.7

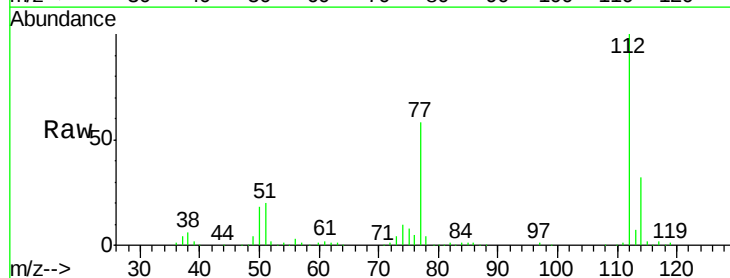


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

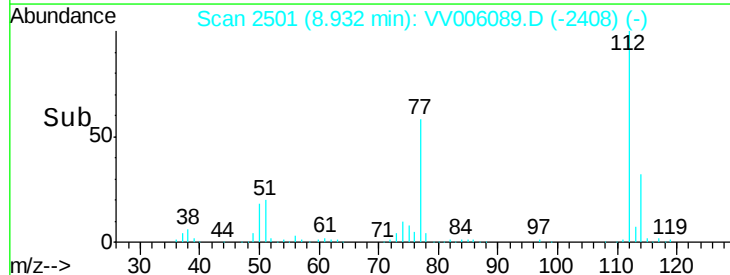
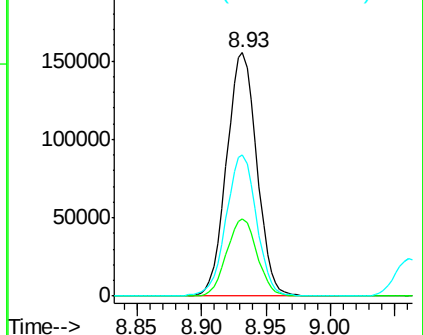


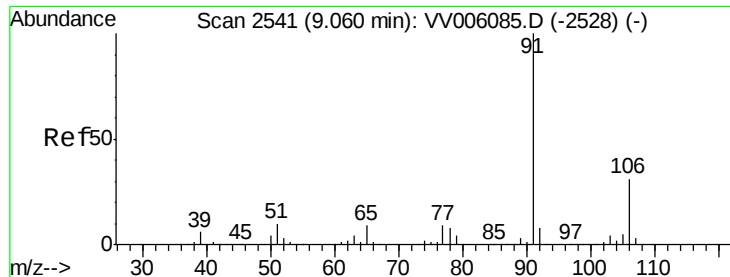
#51
Chlorobenzene
Concen: 49.95 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

Tgt Ion:112 Resp: 252670
Ion Ratio Lower Upper
112 100
114 31.8 22.6 42.0
77 58.1 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: 50.74 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006089.D

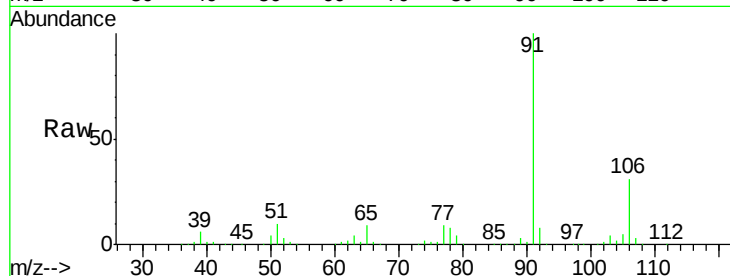
Acq: 27 May 2018 16:02

Tgt Ion: 91 Resp: 418706

Ion Ratio Lower Upper

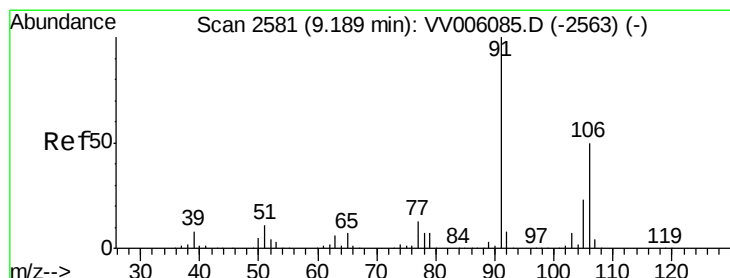
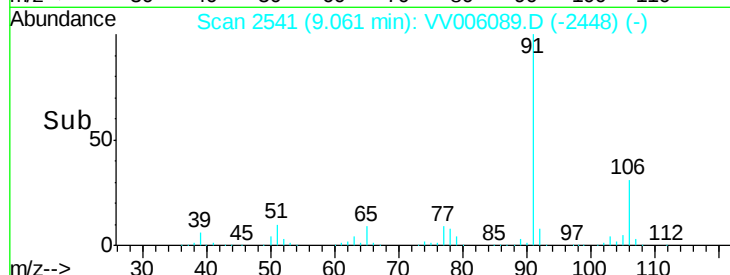
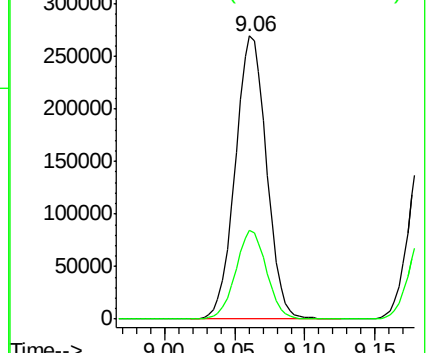
91 100

106 31.4 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 51.56 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV006089.D

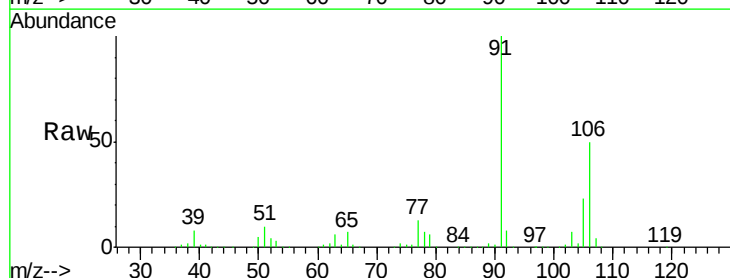
Acq: 27 May 2018 16:02

Tgt Ion: 106 Resp: 160029

Ion Ratio Lower Upper

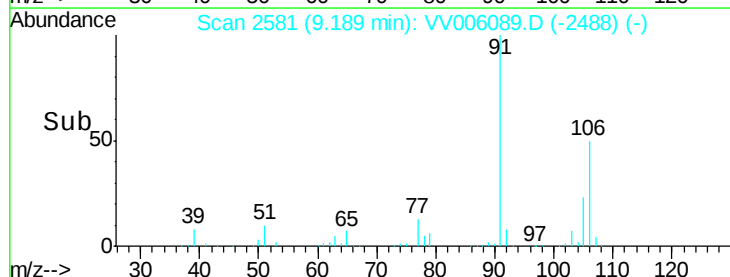
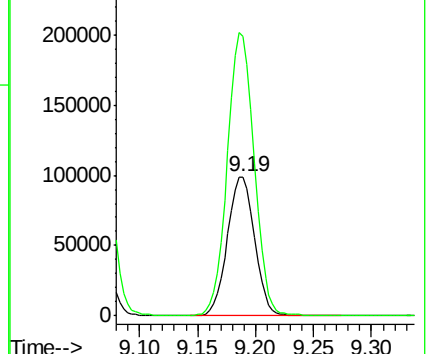
106 100

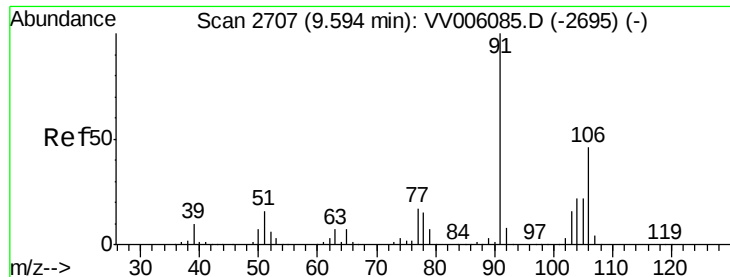
91 201.3 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#54

o-xylene

Concen: 51.19 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006089.D

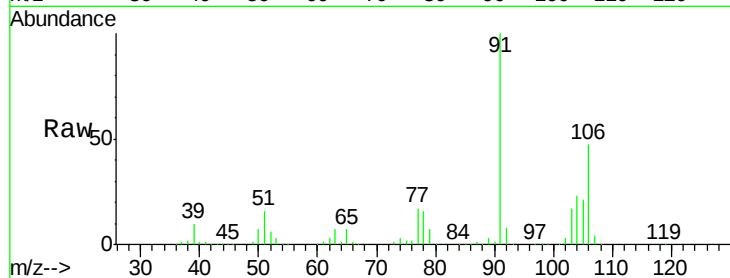
Acq: 27 May 2018 16:02

Tgt Ion:106 Resp: 158990

Ion Ratio Lower Upper

106 100

91 214.1 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

250000

200000

150000

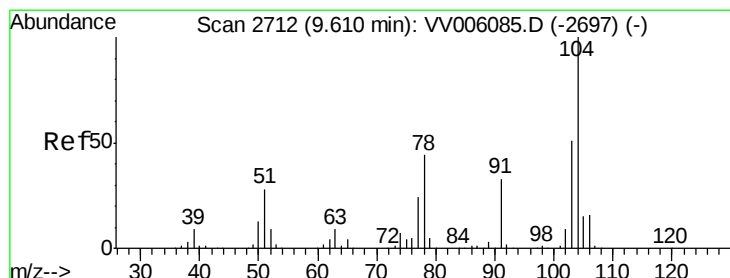
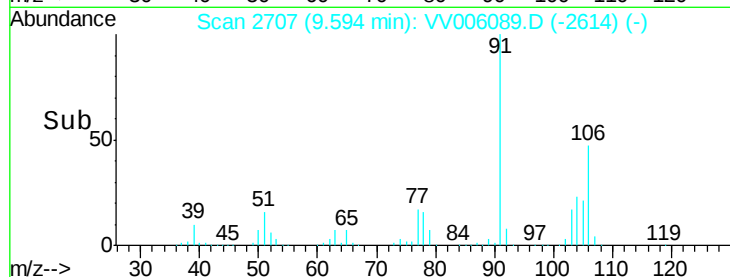
100000

50000

0

9.55 9.60 9.65

Time-->



#55

Styrene

Concen: 52.84 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006089.D

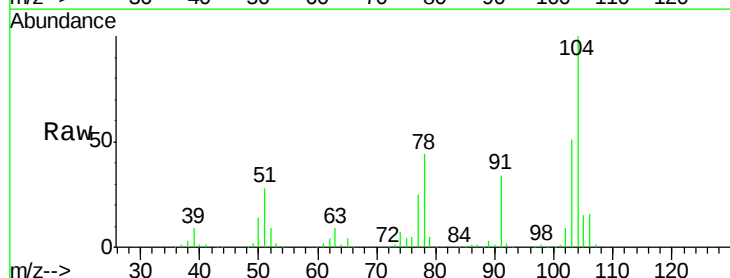
Acq: 27 May 2018 16:02

Tgt Ion:104 Resp: 275619

Ion Ratio Lower Upper

104 100

78 43.9 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

200000

150000

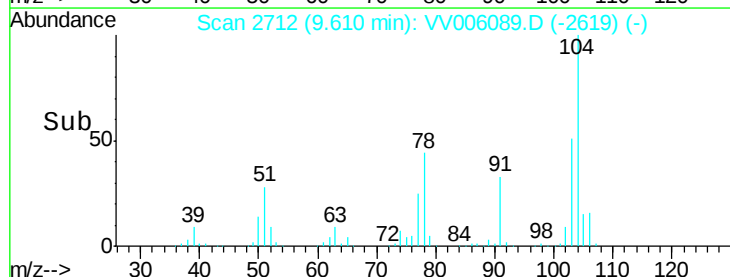
100000

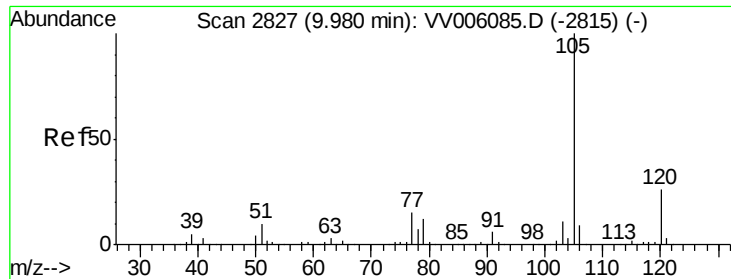
50000

0

9.55 9.60 9.65 9.70

Time-->





#56

Isopropylbenzene

Concen: 51.99 ug/L

RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

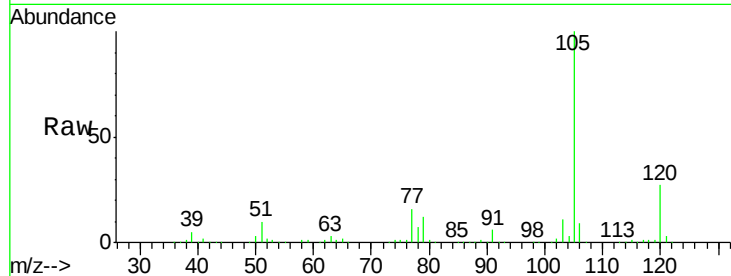
Tgt Ion: 105 Resp: 416809

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

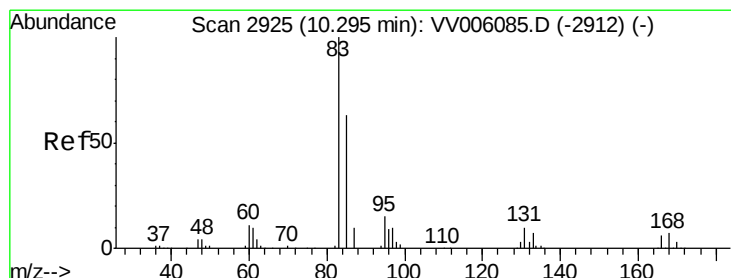
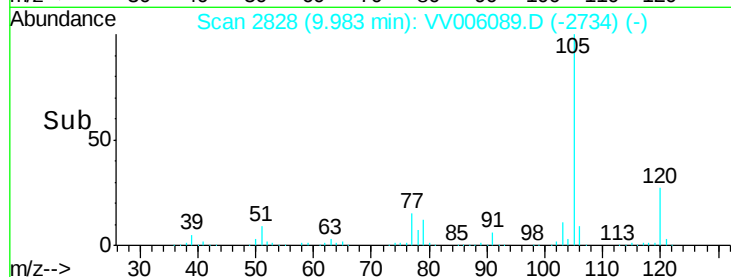
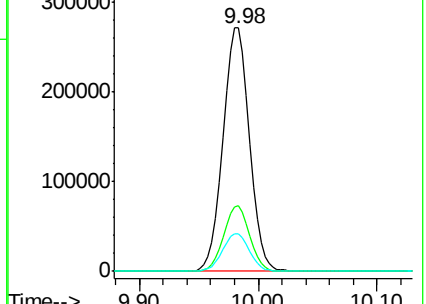
77 15.7 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006085.D (-2815) (-)

Ion 120.00 (119.70 to 120.70): VV006085.D (-2815) (-)

Ion 77.00 (76.70 to 77.70): VV006085.D (-2815) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 52.08 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

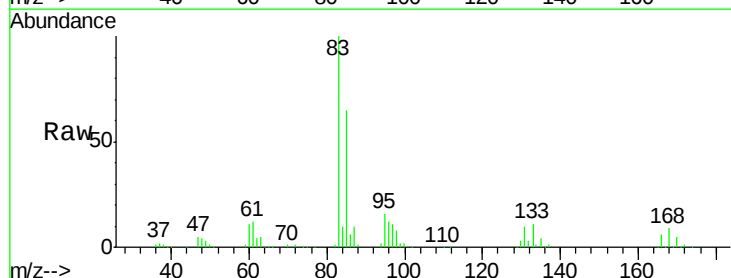
Tgt Ion: 83 Resp: 172053

Ion Ratio Lower Upper

83 100

85 64.8 44.6 82.8

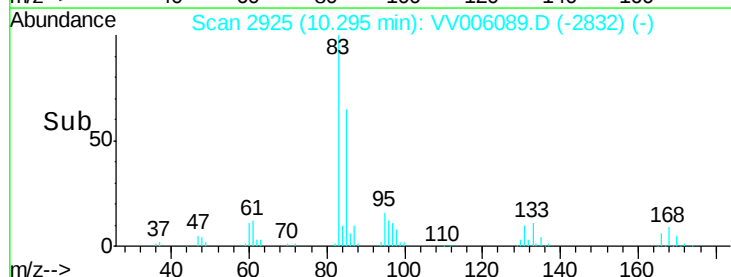
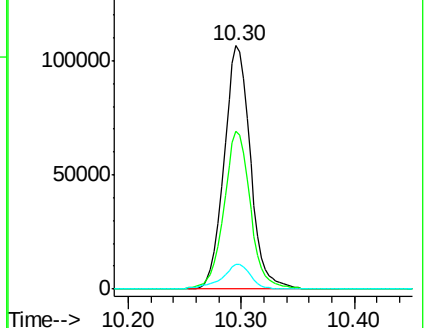
131 10.0 7.9 11.9

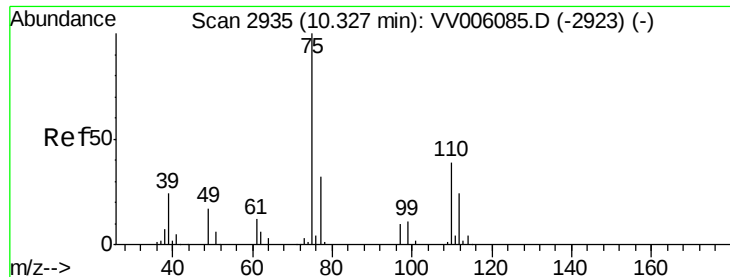


Abundance Ion 83.00 (82.70 to 83.70): VV006085.D (-2912) (-)

Ion 85.00 (84.70 to 85.70): VV006085.D (-2912) (-)

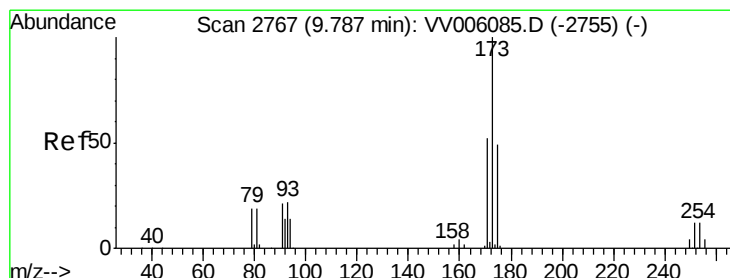
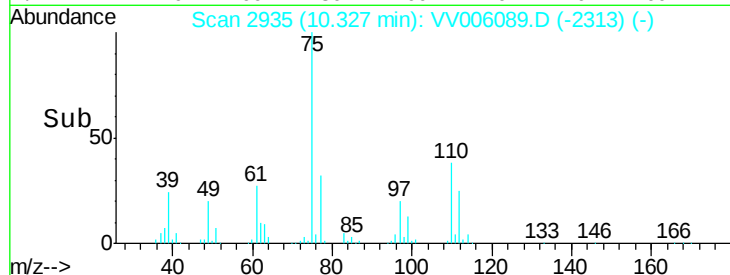
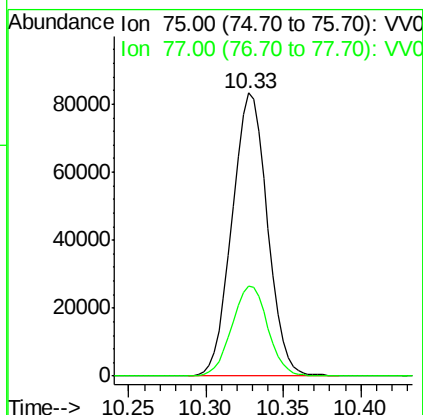
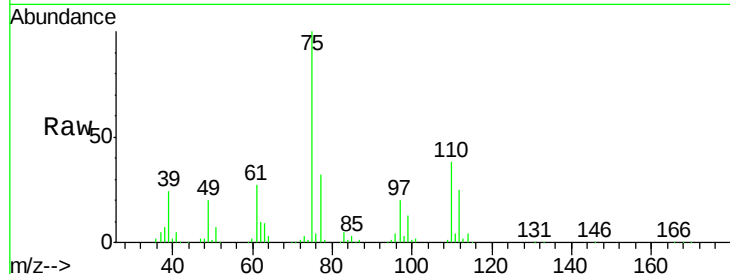
Ion 131.00 (130.70 to 131.70): VV006085.D (-2912) (-)





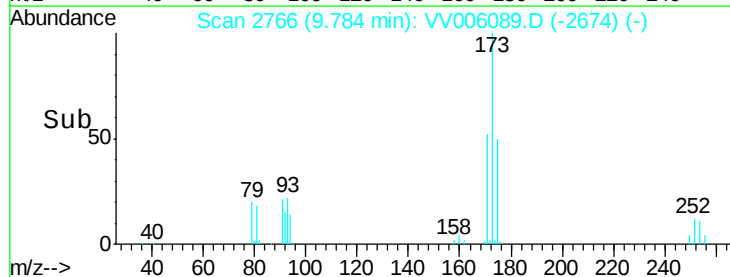
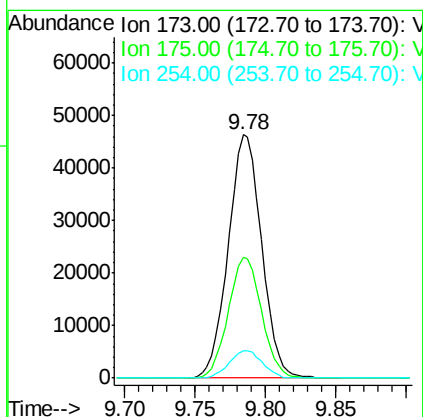
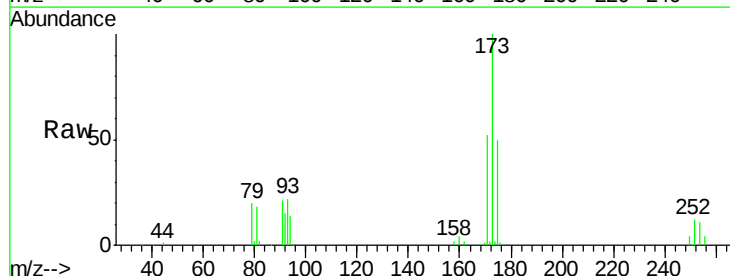
#59
 1,2,3-Trichloropropane
 Concen: 52.04 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

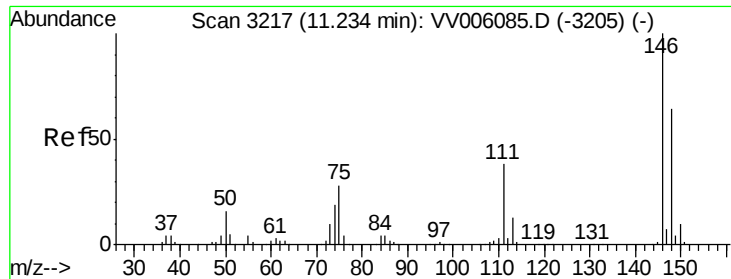
Tgt Ion: 75 Resp: 132199
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8



#61
 Bromoform
 Concen: 50.64 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

Tgt Ion: 173 Resp: 76877
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.6 57.8
 254 11.2 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 49.79 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

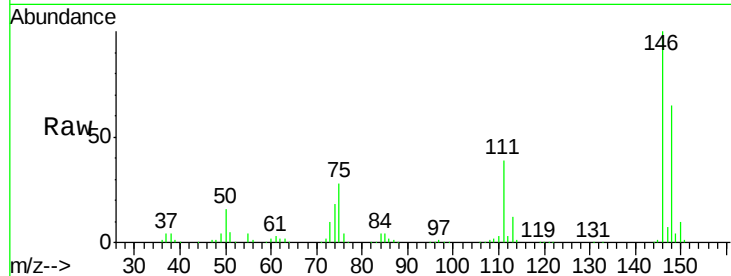
Tgt Ion:146 Resp: 203666

Ion Ratio Lower Upper

146 100

111 39.0 26.9 49.9

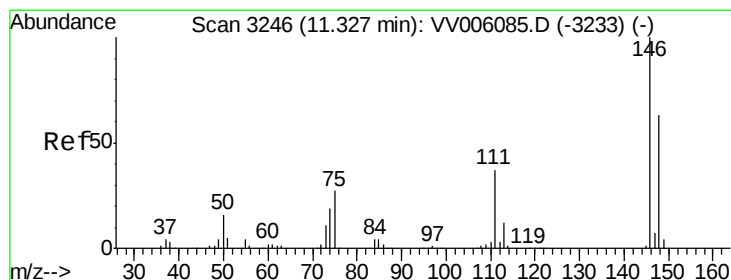
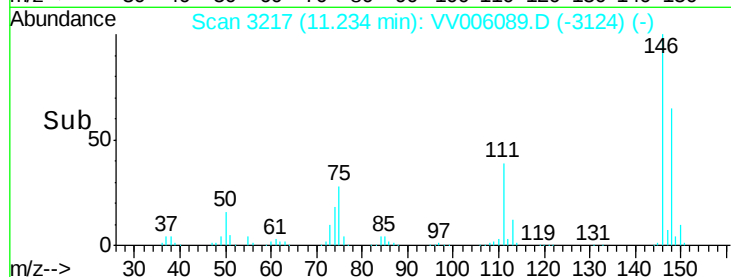
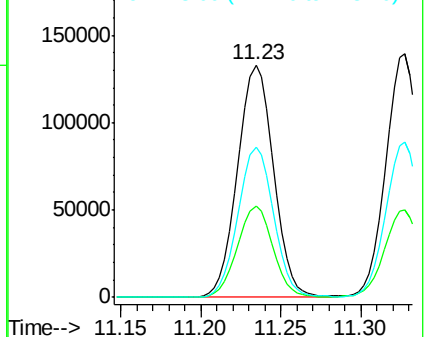
148 64.7 44.9 83.5



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: 49.93 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

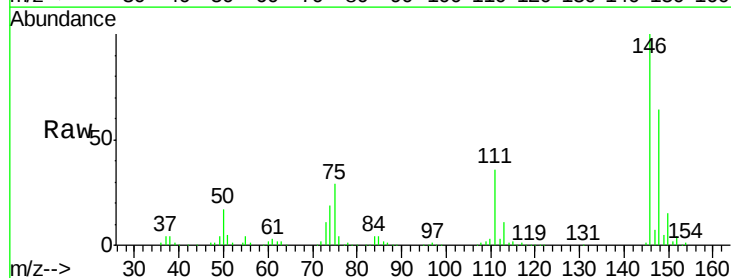
Tgt Ion:146 Resp: 213782

Ion Ratio Lower Upper

146 100

111 36.1 26.0 48.4

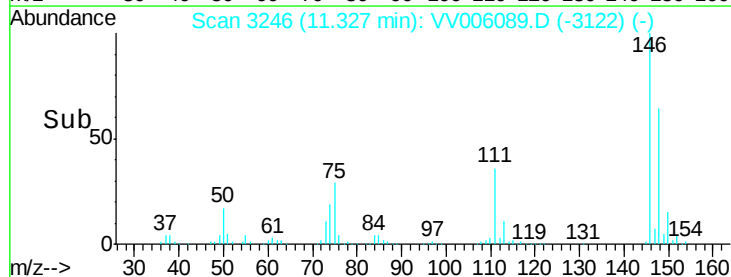
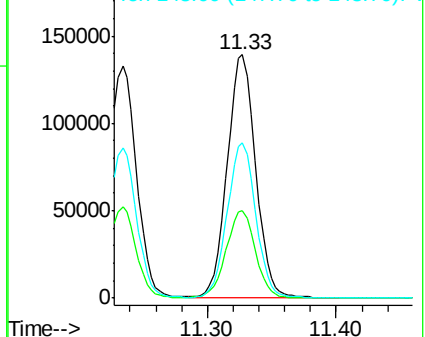
148 63.7 44.4 82.5

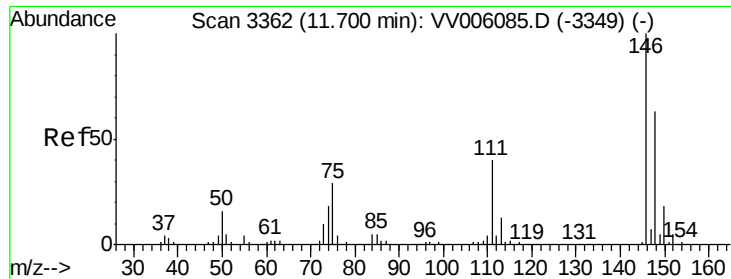


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 50.23 ug/L

RT: 11.70 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

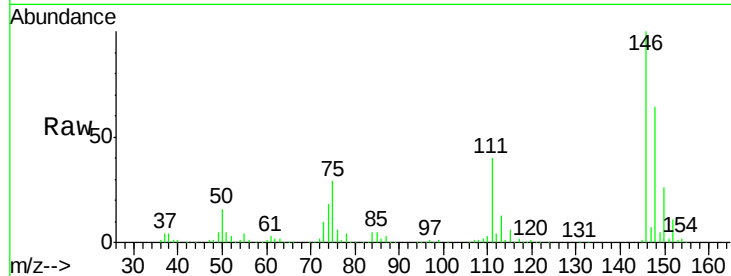
Tgt Ion: 146 Resp: 227102

Ion Ratio Lower Upper

146 100

111 39.9 31.8 47.8

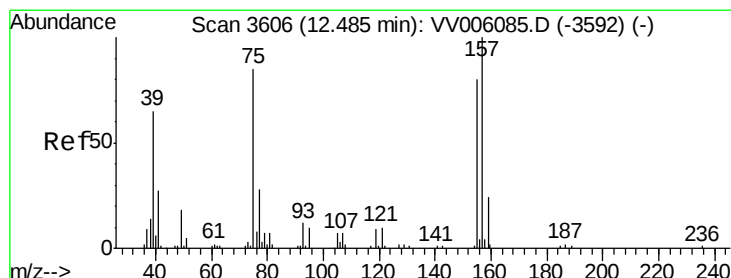
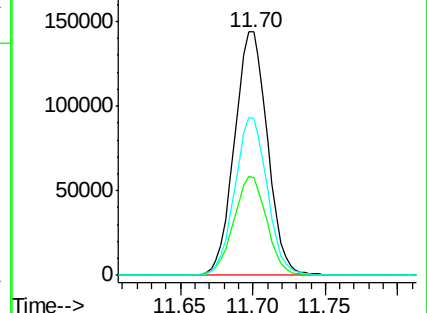
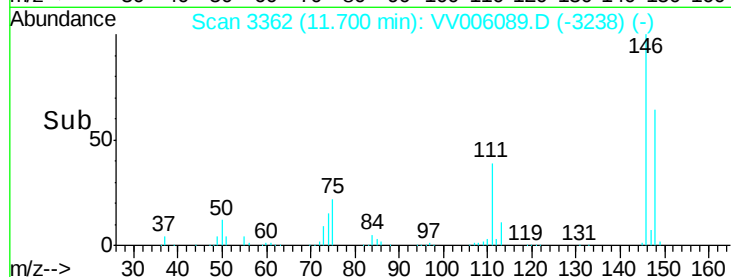
148 64.2 50.6 76.0



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: 56.61 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006089.D

Acq: 27 May 2018 16:02

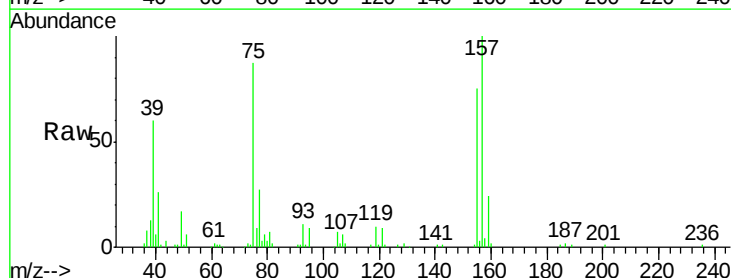
Tgt Ion: 75 Resp: 33083

Ion Ratio Lower Upper

75 100

155 86.3 75.9 113.9

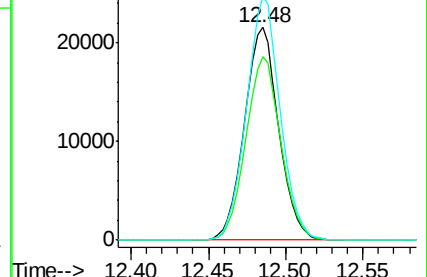
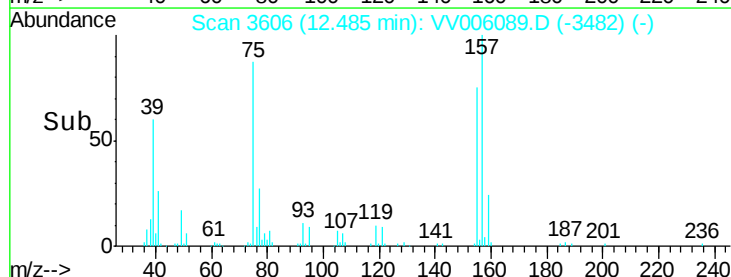
157 114.6 94.6 141.8

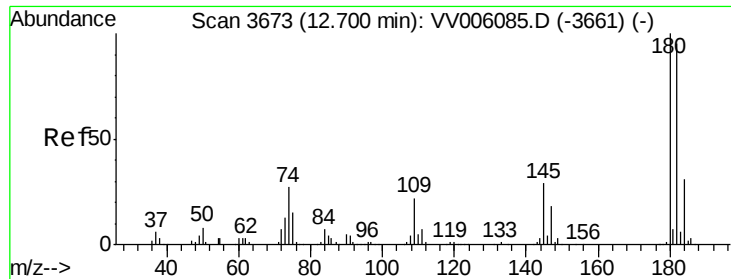


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

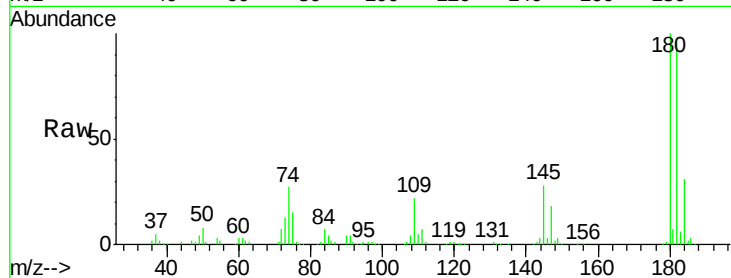
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 51.09 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

Tgt Ion:	180	Resp:	162409
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
184	30.6	24.6	37.0
145	27.9	22.5	33.7

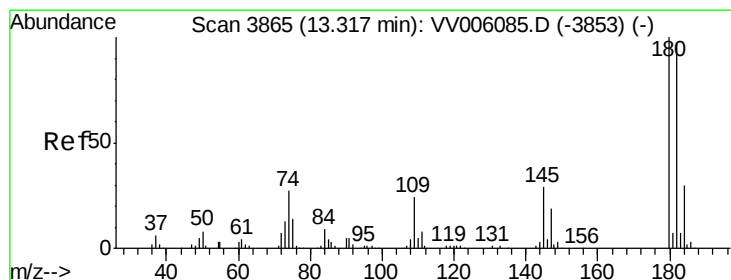
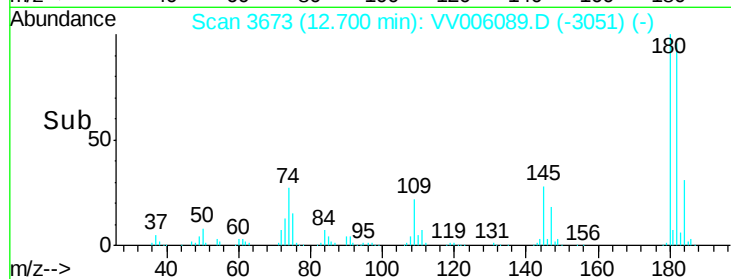
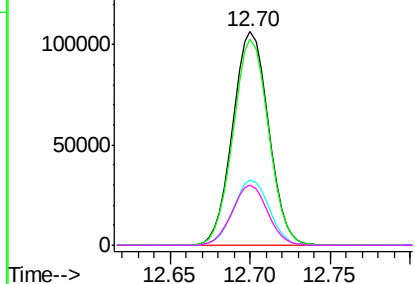


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

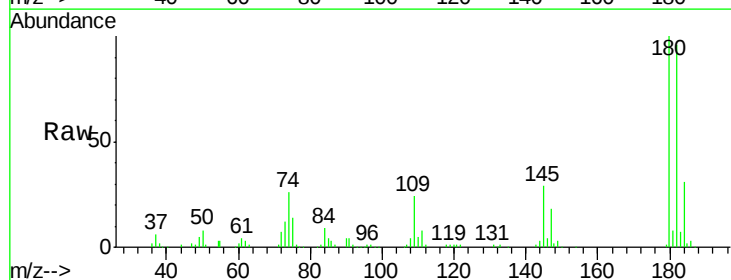
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 53.15 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006089.D
 Acq: 27 May 2018 16:02

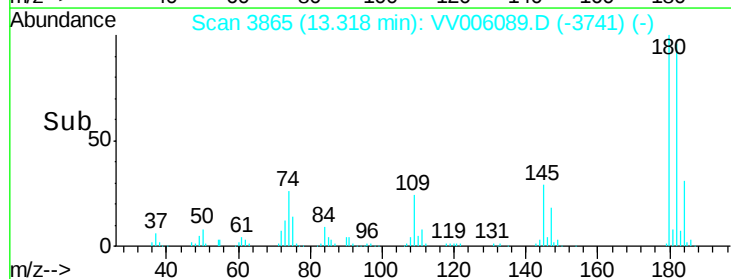
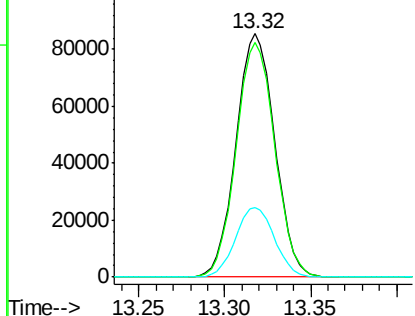
Tgt Ion:	180	Resp:	134147
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.1	115.7
145	28.8	23.0	34.6

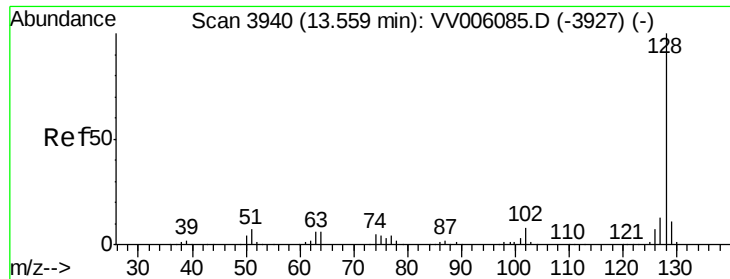


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

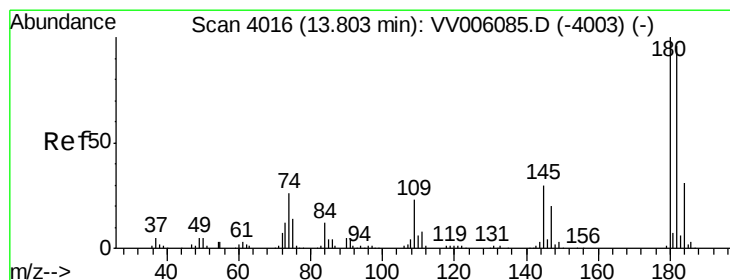
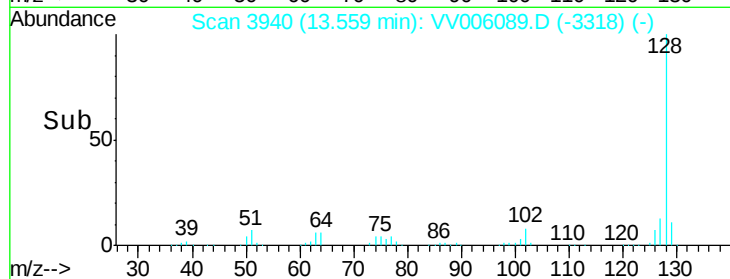
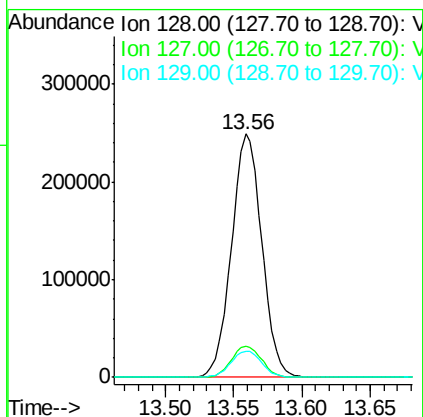
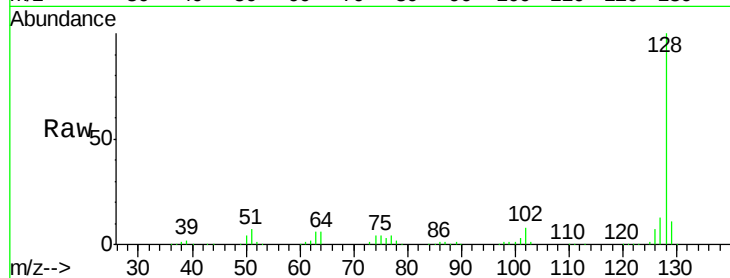
Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 58.35 ug/L
RT: 13.56 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

Tgt Ion:128 Resp: 383636
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 54.57 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006089.D
Acq: 27 May 2018 16:02

Tgt Ion:180 Resp: 147177
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 30.8 24.0 36.0

