

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024050.D
 Acq On : 23 May 2018 21:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 24 04:18:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 04:14:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287017	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	143045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114516	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.88%
7) Chloroethane-d5	1.68	69	90257	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.90%
11) 1,1-Dichloroethene-d2	2.27	63	213597	43.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.30%
21) 2-Butanone-d5	4.18	46	219725	118.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.39%
24) Chloroform-d	4.65	84	210118	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	5.31	65	138407	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.35	84	415216	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
36) 1,2-Dichloropropane-d6	6.34	67	143531	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.57	98	392759	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%
43) trans-1,3-Dichloropropene-	7.85	79	60859	51.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.06%
47) 2-Hexanone-d5	8.31	63	154245	118.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.01%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	214564	53.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.46%
64) 1,2-Dichlorobenzene-d4	11.87	152	157663	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120670	41.12	ug/L	99
3) Chloromethane	1.33	50	124805	45.72	ug/L	99
5) Vinyl chloride	1.40	62	134874	42.64	ug/L	96
6) Bromomethane	1.62	94	55071	43.68	ug/L	97
8) Chloroethane	1.70	64	84208	42.46	ug/L	99
9) Trichlorofluoromethane	1.88	101	166357	42.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	98084	40.68	ug/L	97
12) 1,1-Dichloroethene	2.28	96	89520	41.76	ug/L	93
13) Acetone	2.32	43	170107	90.99	ug/L	97
14) Carbon disulfide	2.47	76	250211	43.79	ug/L	99
15) Methyl Acetate	2.62	43	163524	52.15	ug/L	98
16) Methylene chloride	2.70	84	122469	48.03	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	97718	46.22	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	335781	49.48	ug/L	98
19) 1,1-Dichloroethane	3.45	63	218009	48.51	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	118392	47.95	ug/L	98
22) 2-Butanone	4.27	43	246666	108.41	ug/L	99

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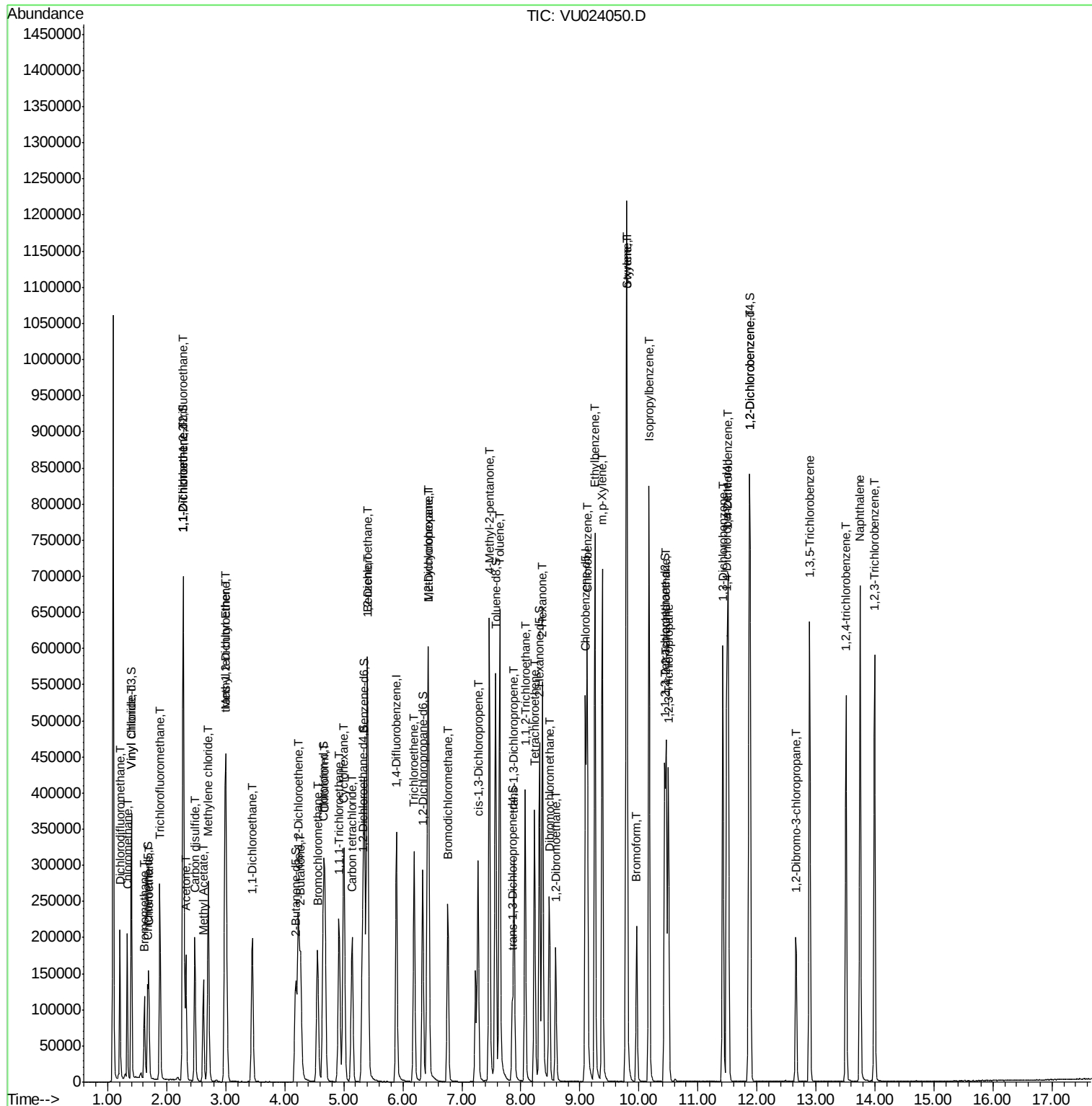
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

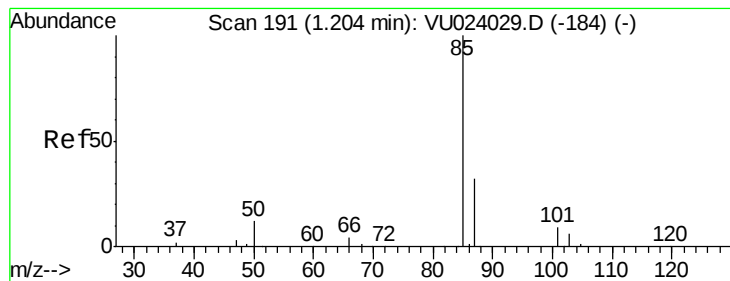
23) Bromochloromethane	4.55	128	59691	46.67	ug/L	93
25) Chloroform	4.68	83	224859	49.51	ug/L	98
27) 1,2-Dichloroethane	5.41	62	177260	51.33	ug/L	97
29) Cyclohexane	5.00	56	163622	47.37	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	172421	48.01	ug/L	99
31) Carbon tetrachloride	5.14	117	143917	46.49	ug/L	99
33) Benzene	5.39	78	461971	48.83	ug/L	100
34) Trichloroethene	6.19	95	113453	47.01	ug/L	95
35) Methylcyclohexane	6.42	83	157981	46.13	ug/L	99
37) 1,2-Dichloropropane	6.44	63	137257	49.02	ug/L	99
38) Bromodichloromethane	6.76	83	164876	49.69	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	179578	48.59	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	439872	111.52	ug/L	97
42) Toluene	7.64	91	491521	49.85	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	167833	49.32	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	123326	49.04	ug/L	99
46) Tetrachloroethene	8.23	164	87871	44.54	ug/L	99
48) 2-Hexanone	8.36	43	357584	111.63	ug/L	99
49) Dibromochloromethane	8.48	129	129939	48.59	ug/L	99
50) 1,2-Dibromoethane	8.59	107	124890	48.69	ug/L	100
51) Chlorobenzene	9.12	112	318815	47.66	ug/L	97
52) Ethylbenzene	9.26	91	529668	49.83	ug/L	100
53) m,p-Xylene	9.38	106	200080	49.67	ug/L	96
54) o-xylene	9.79	106	195118	49.85	ug/L	98
55) Styrene	9.80	104	353730	51.69	ug/L	96
56) Isopropylbenzene	10.17	105	511787	49.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	224737	49.65	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	183452	50.49	ug/L	98
61) Bromoform	9.96	173	96744	47.86	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	239387	48.05	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	251511	47.64	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	258952	48.19	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	48978	51.68	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	192224	46.66	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	161915	47.99	ug/L	99
69) Naphthalene	13.75	128	517885	53.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	181347	50.23	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 41.12 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024050.D

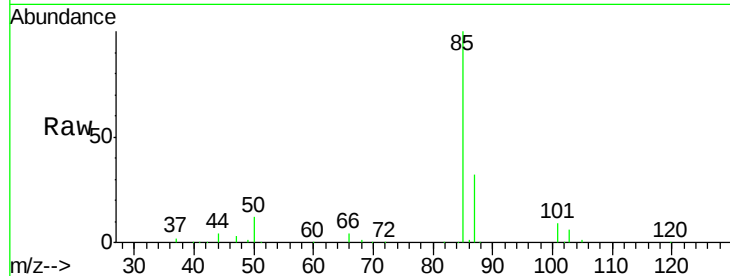
Acq: 23 May 2018 21:03

Tgt Ion: 85 Resp: 120670

Ion Ratio Lower Upper

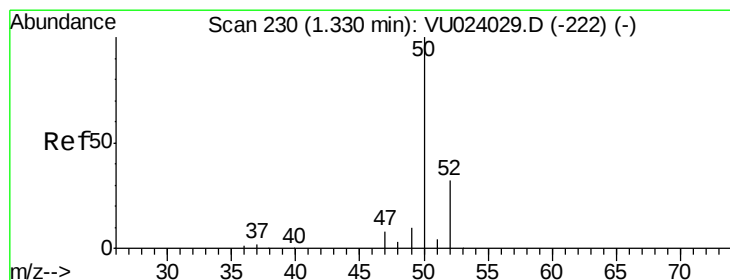
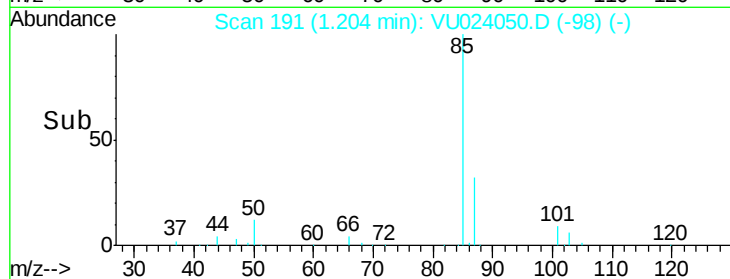
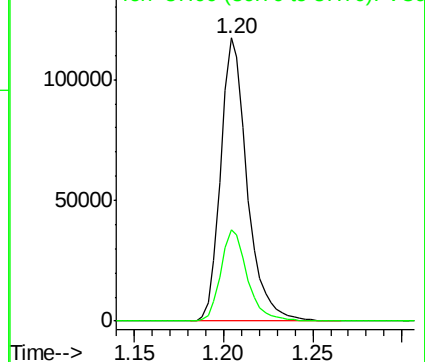
85 100

87 32.4 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 45.72 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024050.D

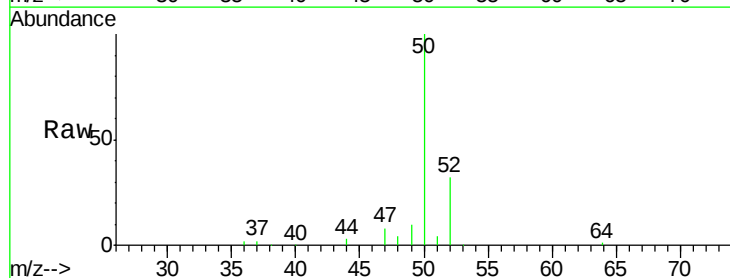
Acq: 23 May 2018 21:03

Tgt Ion: 50 Resp: 124805

Ion Ratio Lower Upper

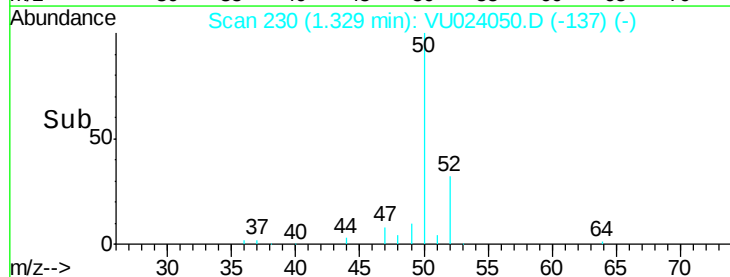
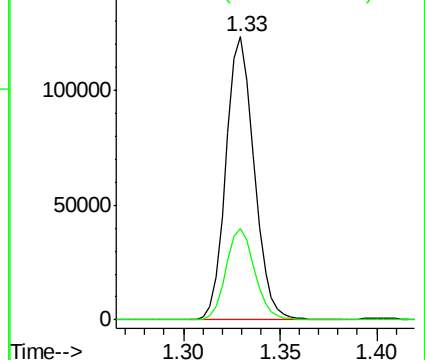
50 100

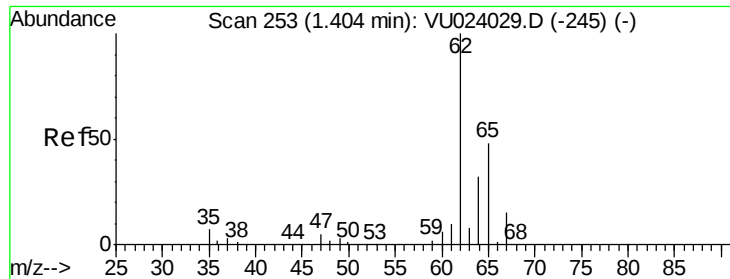
52 32.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 42.64 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU024050.D

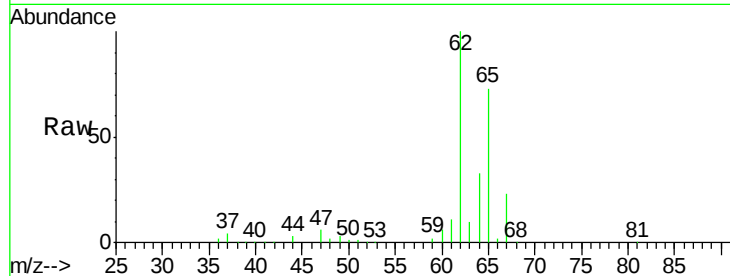
Acq: 23 May 2018 21:03

Tgt Ion: 62 Resp: 134874

Ion Ratio Lower Upper

62 100

64 32.7 24.4 45.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

150000

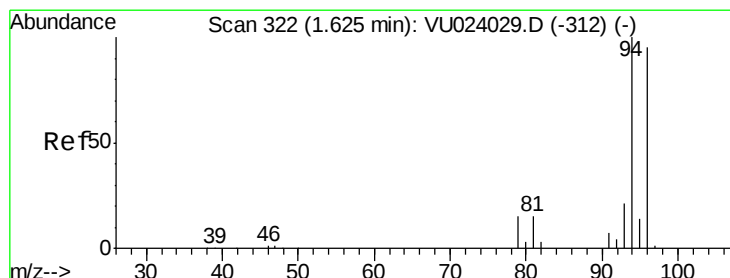
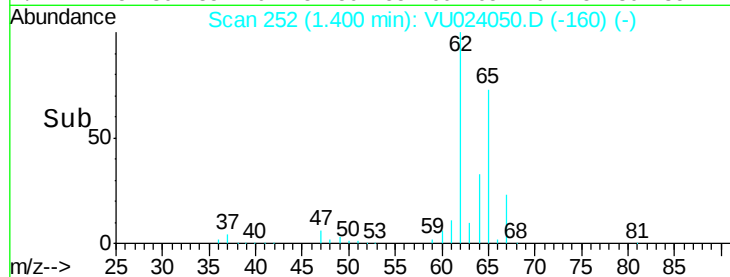
100000

50000

0

Time-->

1.35 1.40 1.45



#6

Bromomethane

Concen: 43.68 ug/L

RT: 1.62 min Scan# 320

Delta R.T. -0.01 min

Lab File: VU024050.D

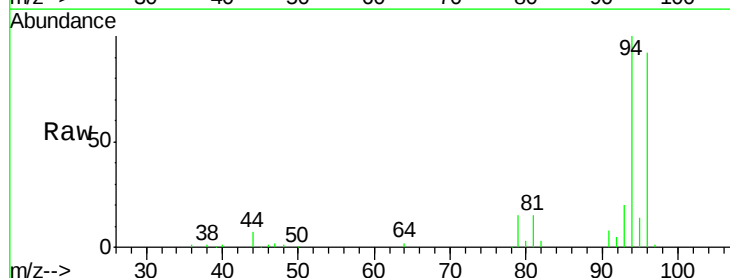
Acq: 23 May 2018 21:03

Tgt Ion: 94 Resp: 55071

Ion Ratio Lower Upper

94 100

96 91.8 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

40000

30000

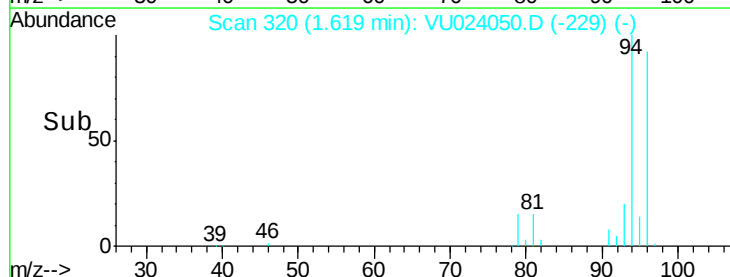
20000

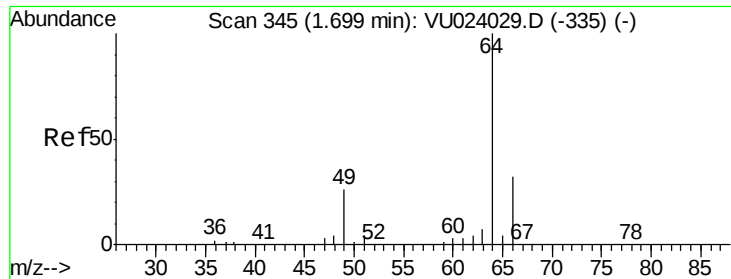
10000

0

Time-->

1.55 1.60 1.65 1.70





#8

Chloroethane

Concen: 42.46 ug/L

RT: 1.70 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU024050.D

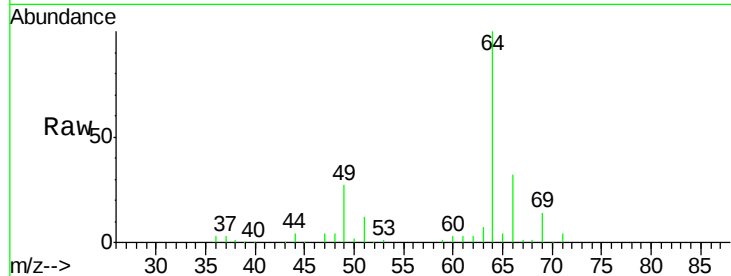
Acq: 23 May 2018 21:03

Tgt Ion: 64 Resp: 84208

Ion Ratio Lower Upper

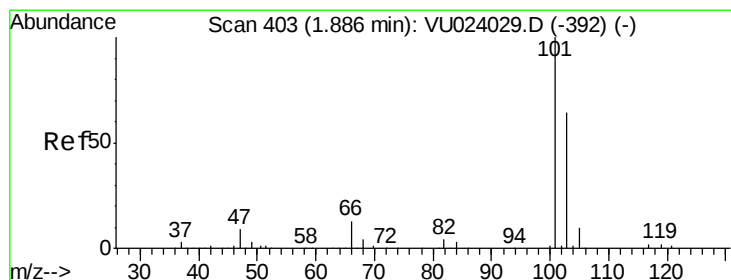
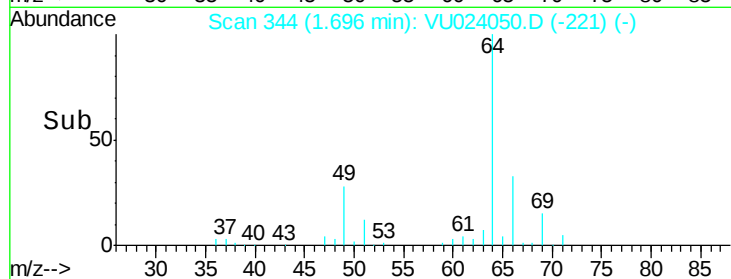
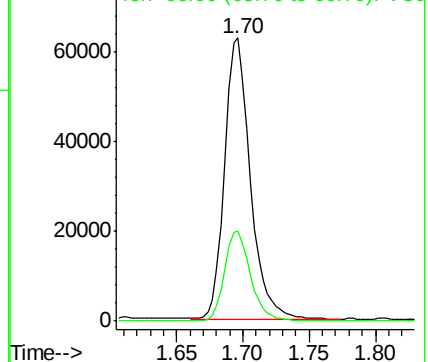
64 100

66 32.0 22.0 41.0



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#9

Trichlorofluoromethane

Concen: 42.12 ug/L

RT: 1.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: VU024050.D

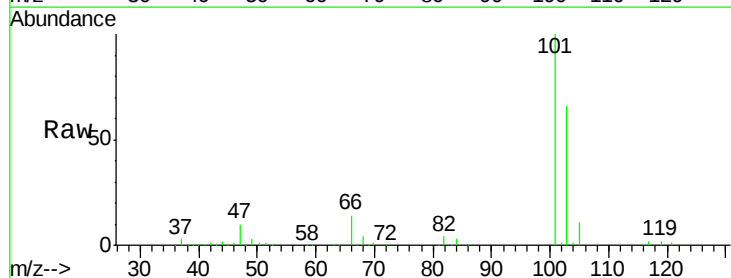
Acq: 23 May 2018 21:03

Tgt Ion: 101 Resp: 166357

Ion Ratio Lower Upper

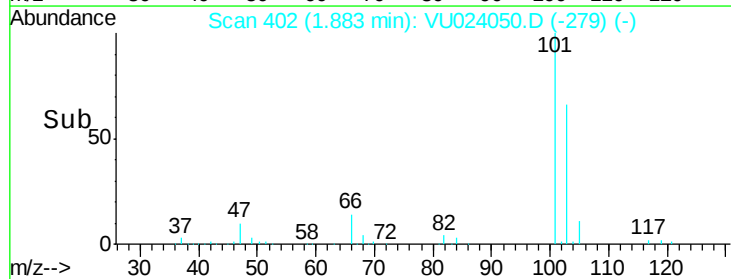
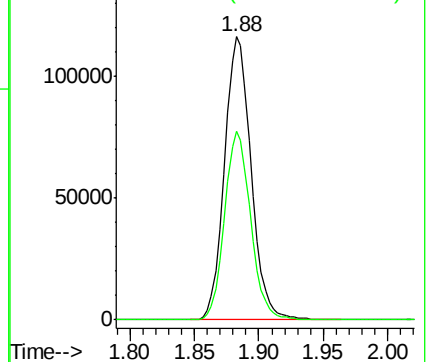
101 100

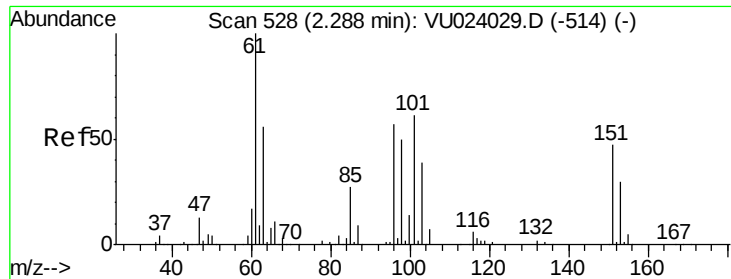
103 65.3 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 40.68 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

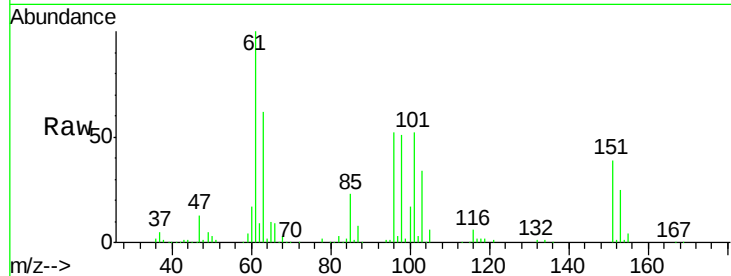
Tgt Ion: 101 Resp: 98084

Ion Ratio Lower Upper

101 100

85 45.3 34.3 51.5

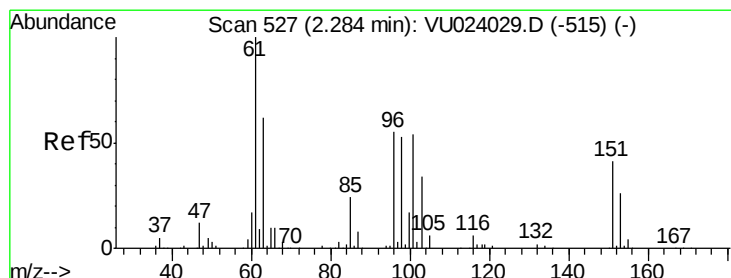
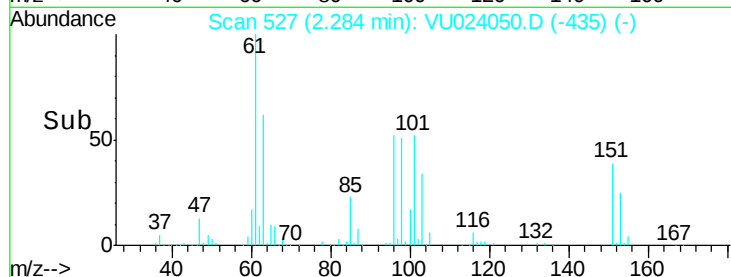
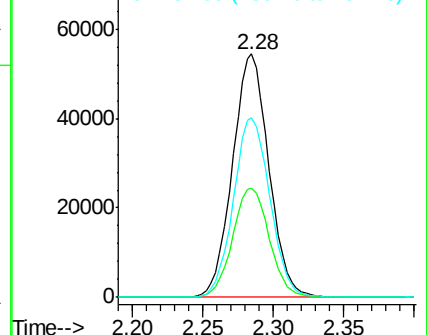
151 74.2 61.0 91.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 41.76 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

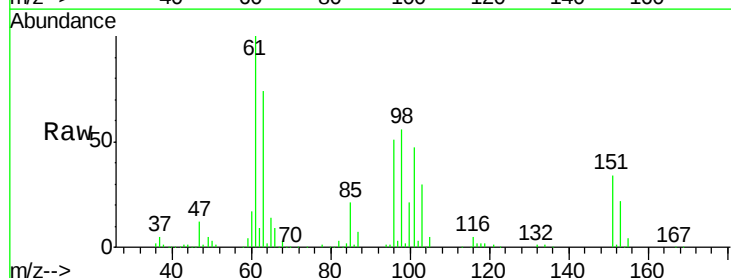
Tgt Ion: 96 Resp: 89520

Ion Ratio Lower Upper

96 100

61 196.9 129.5 240.5

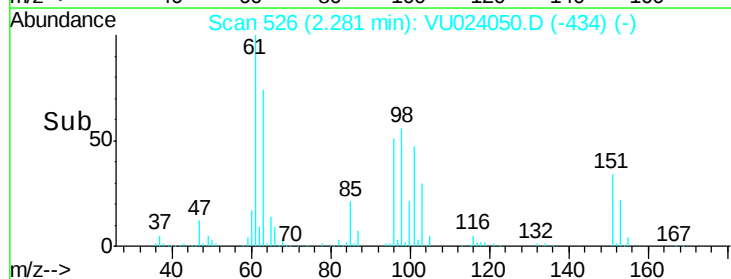
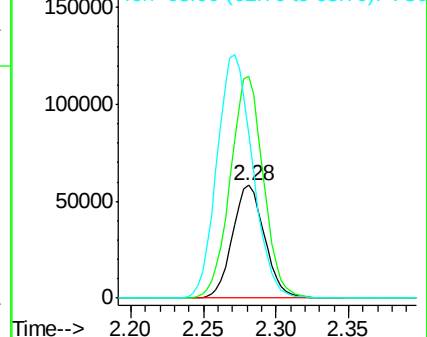
63 146.0 106.9 198.5

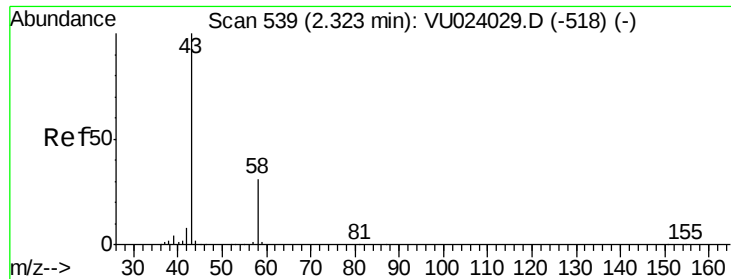


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 90.99 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

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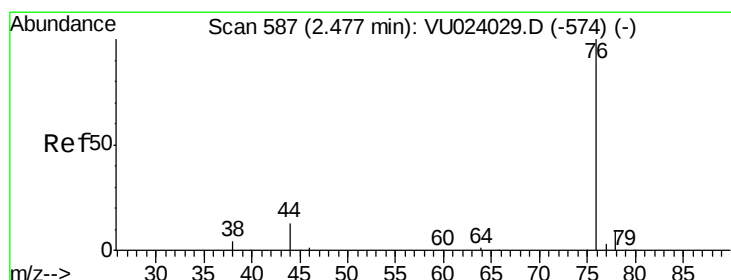
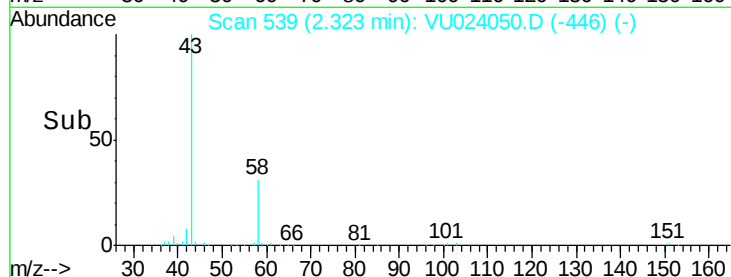
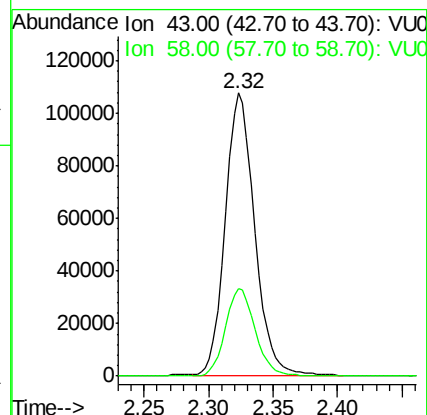
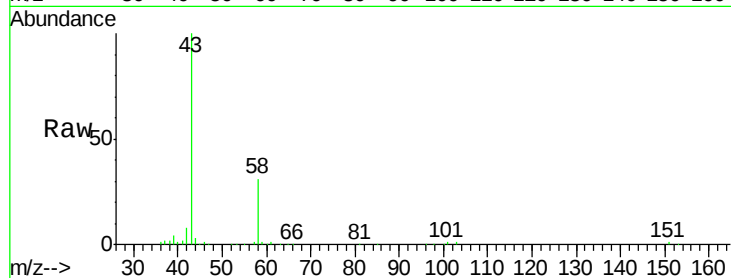
Acq: 23 May 2018 21:03

Tgt Ion: 43 Resp: 170107

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.6



#14

Carbon disulfide

Concen: 43.79 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU024050.D

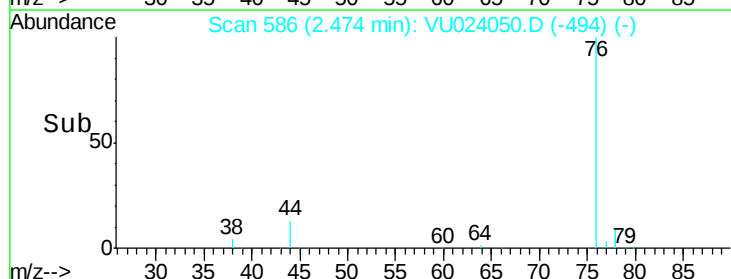
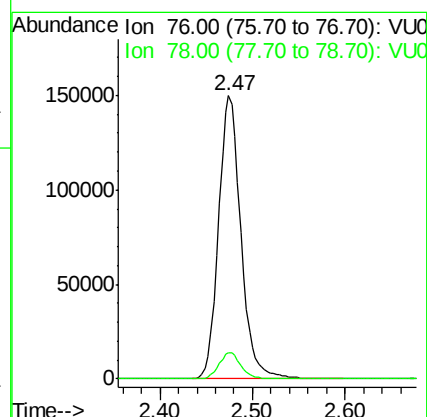
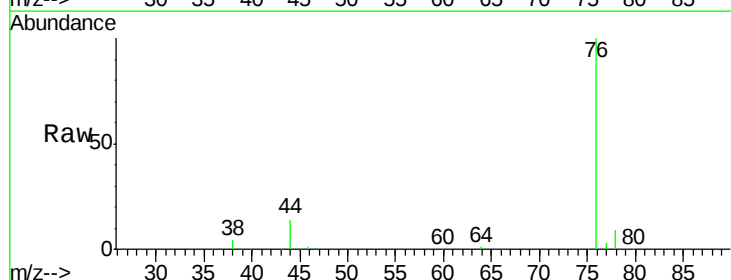
Acq: 23 May 2018 21:03

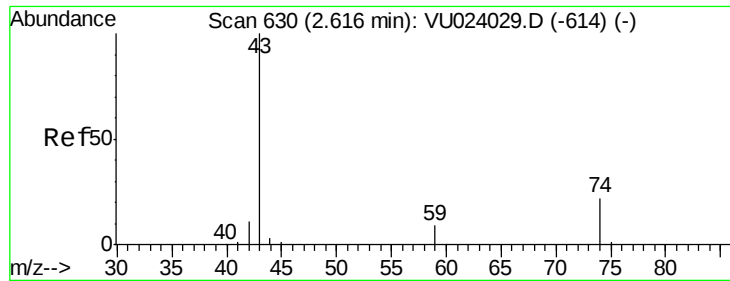
Tgt Ion: 76 Resp: 250211

Ion Ratio Lower Upper

76 100

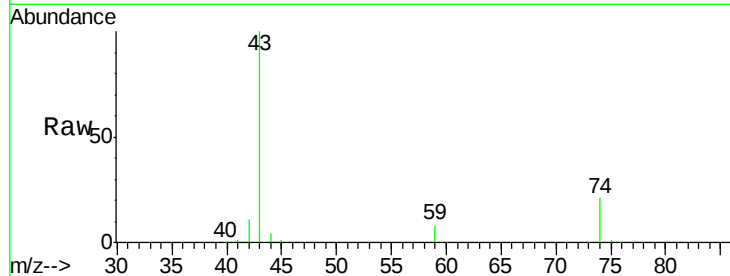
78 9.3 7.2 10.8



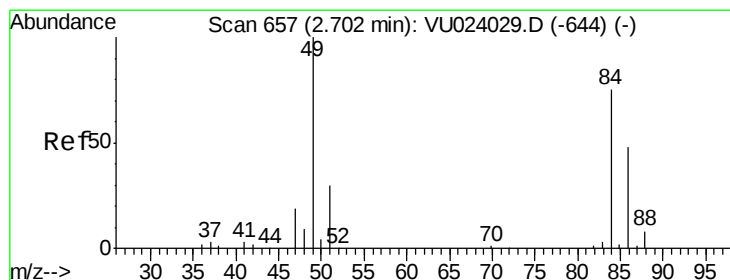
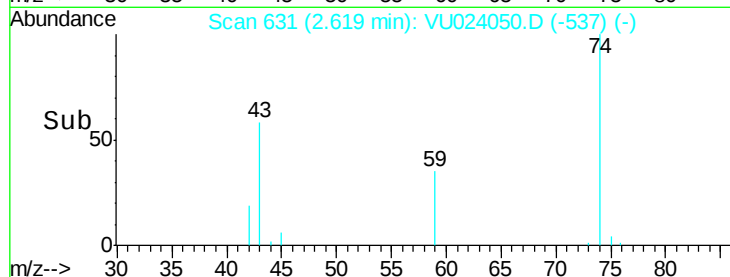
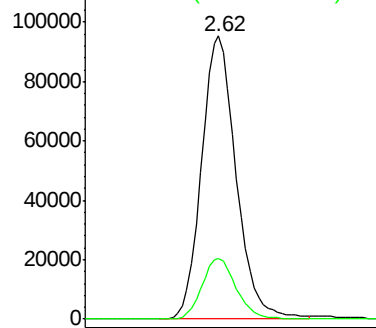


#15
Methyl Acetate
Concen: 52.15 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion: 43 Resp: 163524
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6

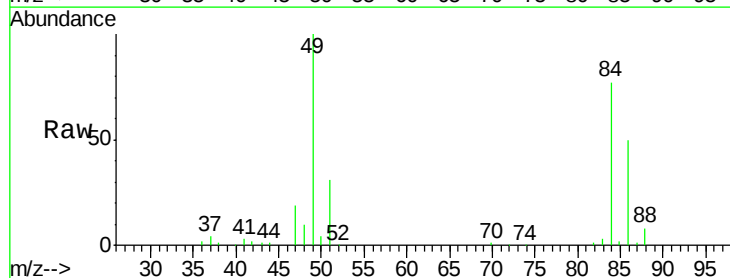


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

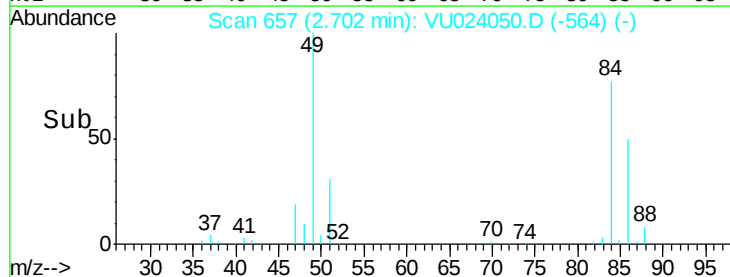
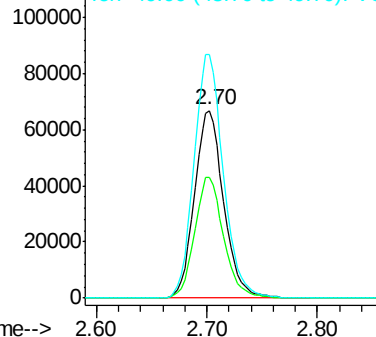


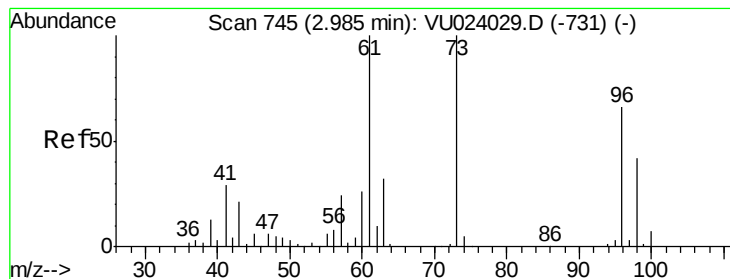
#16
Methylene chloride
Concen: 48.03 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion: 84 Resp: 122469
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 129.7 87.6 162.6



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 46.22 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

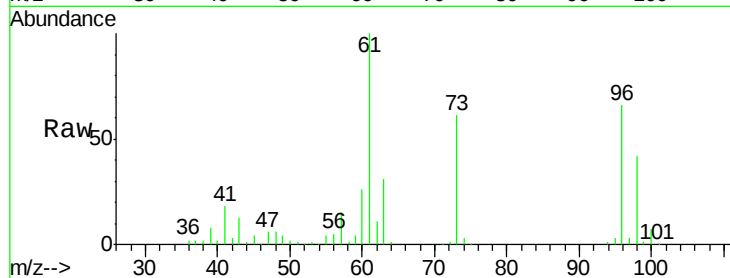
Tgt Ion: 96 Resp: 97718

Ion Ratio Lower Upper

96 100

61 151.8 104.4 194.0

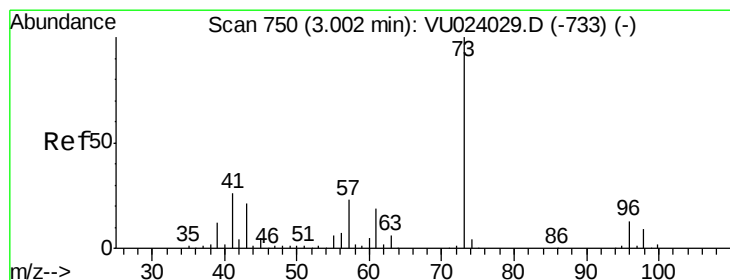
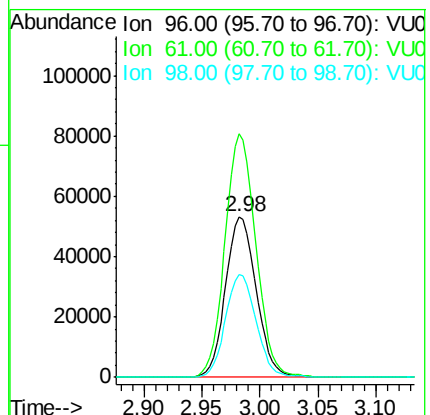
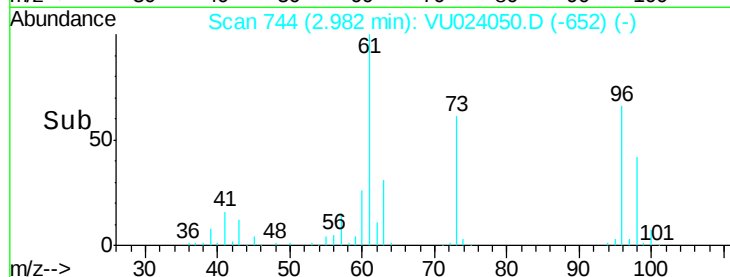
98 64.3 45.5 84.5



Abundance Ion 96.00 (95.70 to 96.70): VU024029.D (-731) (-)

Ion 61.00 (60.70 to 61.70): VU024029.D (-731) (-)

Ion 98.00 (97.70 to 98.70): VU024029.D (-731) (-)



#18

Methyl tert-butyl Ether

Concen: 49.48 ug/L

RT: 3.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

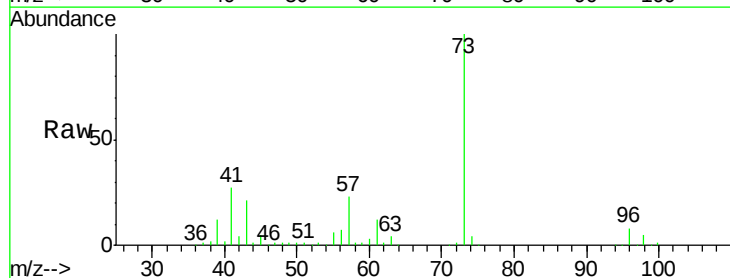
Tgt Ion: 73 Resp: 335781

Ion Ratio Lower Upper

73 100

43 20.8 15.5 23.3

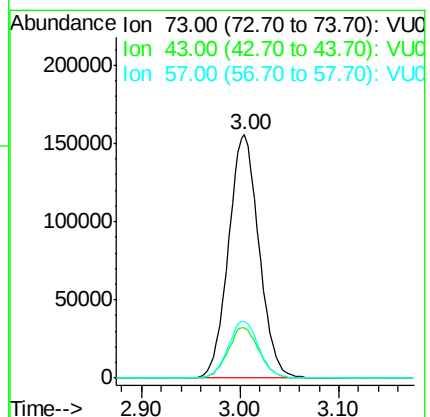
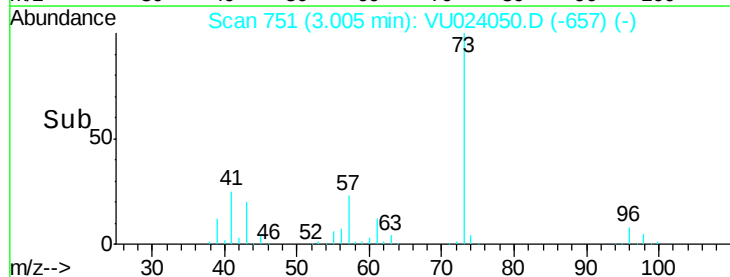
57 23.6 18.6 27.8

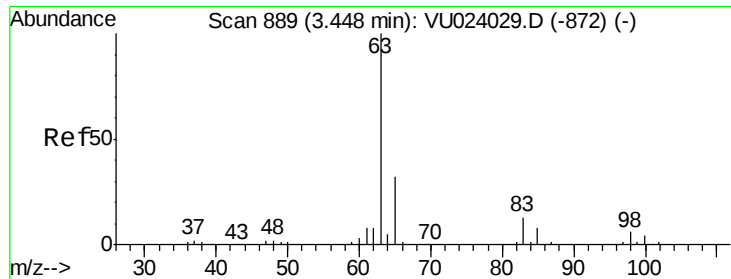


Abundance Ion 73.00 (72.70 to 73.70): VU024029.D (-733) (-)

Ion 43.00 (42.70 to 43.70): VU024029.D (-733) (-)

Ion 57.00 (56.70 to 57.70): VU024029.D (-733) (-)





#19

1,1-Dichloroethane

Concen: 48.51 ug/L

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

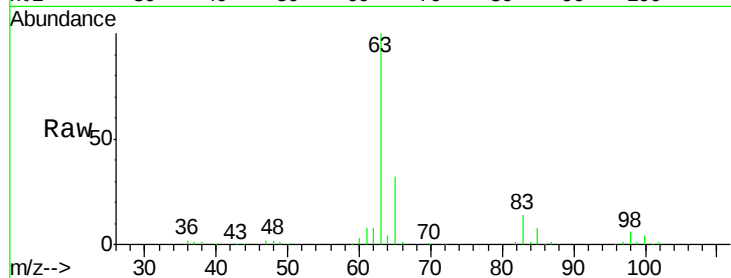
Tgt Ion: 63 Resp: 218009

Ion Ratio Lower Upper

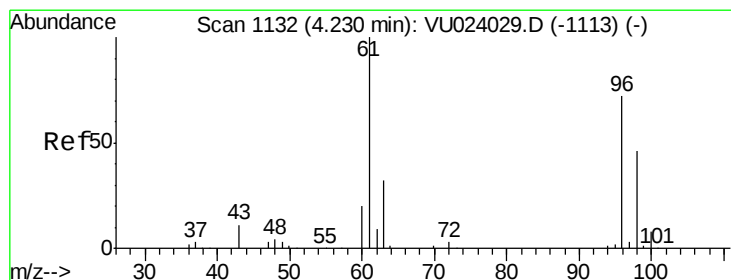
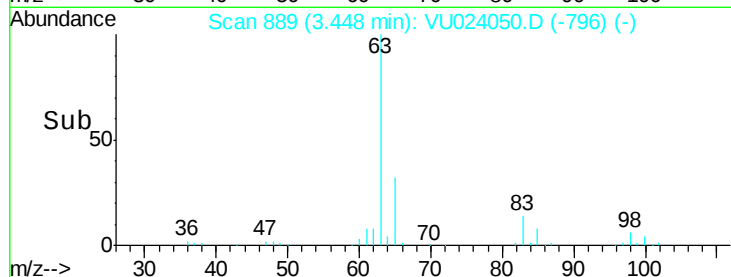
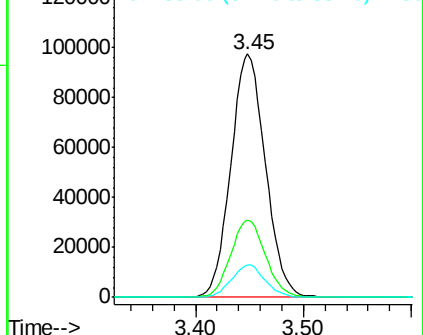
63 100

65 31.9 22.5 41.9

83 13.5 8.8 16.4



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 47.95 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

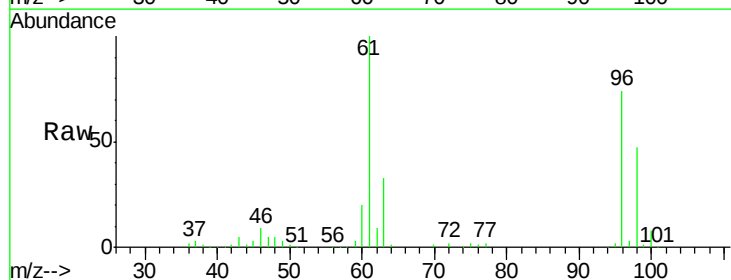
Tgt Ion: 96 Resp: 118392

Ion Ratio Lower Upper

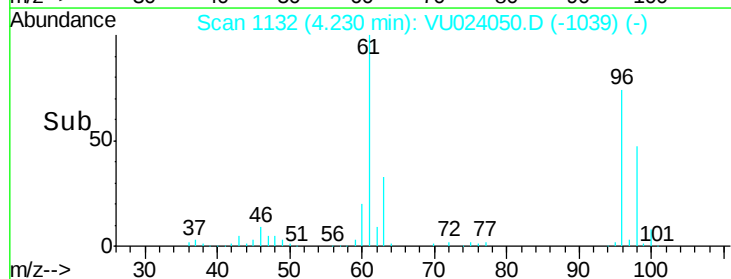
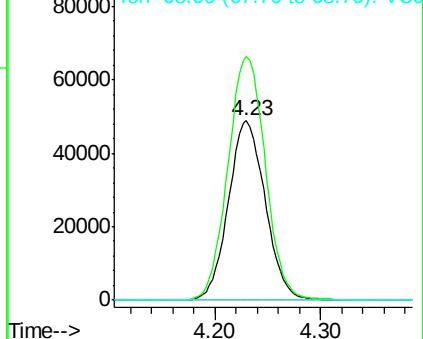
96 100

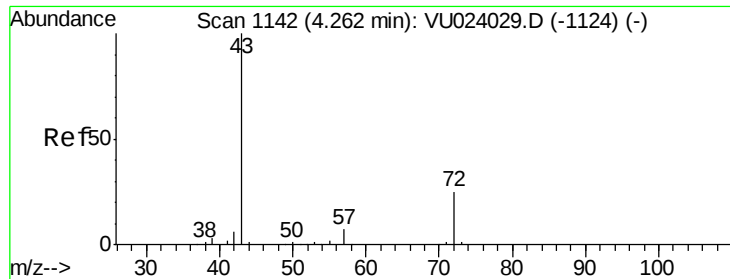
61 135.8 93.3 173.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#22

2-Butanone

Concen: 108.41 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU024050.D

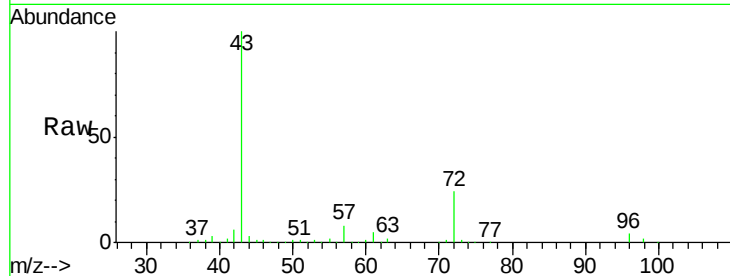
Acq: 23 May 2018 21:03

Tgt Ion: 43 Resp: 246666

Ion Ratio Lower Upper

43 100

72 25.1 12.8 38.4



Abundance Ion 43.00 (42.70 to 43.70): VU024050.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU024050.D (-1049) (-)

4.27

100000

80000

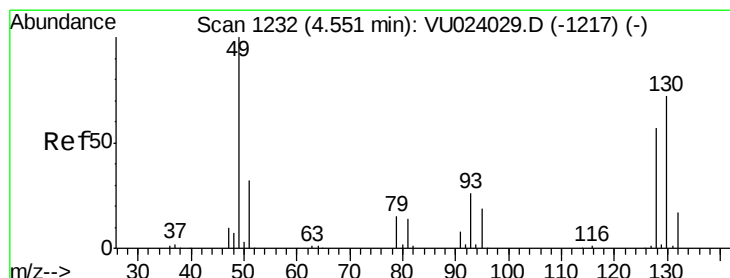
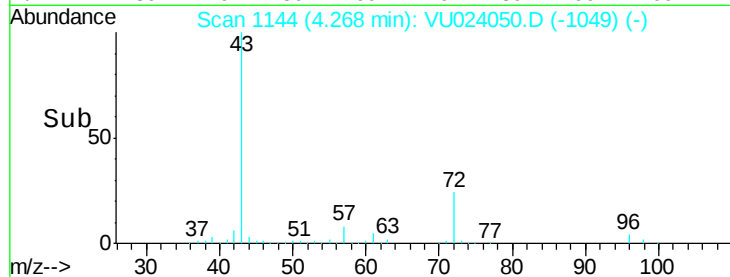
60000

40000

20000

0

Time-->



#23

Bromochloromethane

Concen: 46.67 ug/L

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion: 128 Resp: 59691

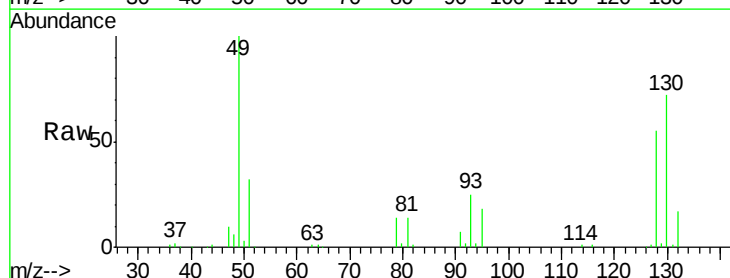
Ion Ratio Lower Upper

128 100

49 183.0 117.6 218.4

130 131.4 93.4 173.6

51 57.8 42.6 64.0



Abundance Ion 128.00 (127.70 to 128.70): VU024050.D (-1139) (-)

Ion 49.00 (48.70 to 49.70): VU024050.D (-1139) (-)

Ion 130.00 (129.70 to 130.70): VU024050.D (-1139) (-)

Ion 51.00 (50.70 to 51.70): VU024050.D (-1139) (-)

4.55

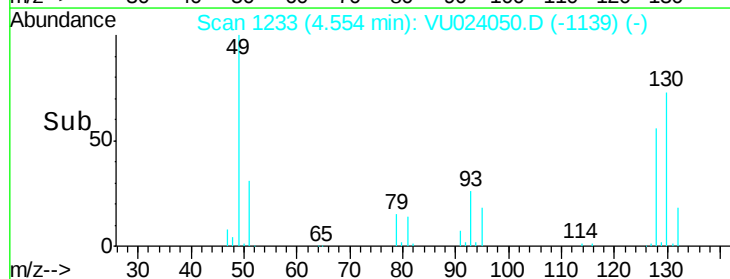
60000

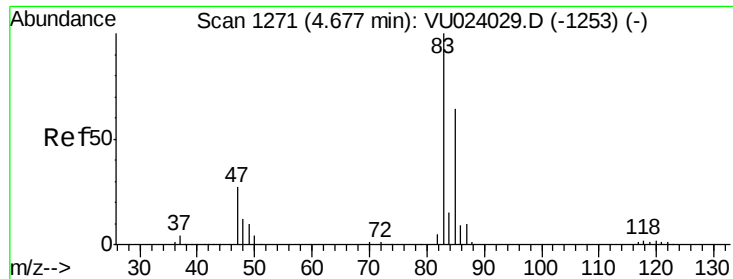
40000

20000

0

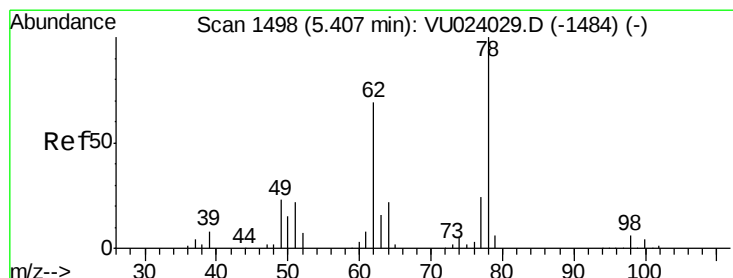
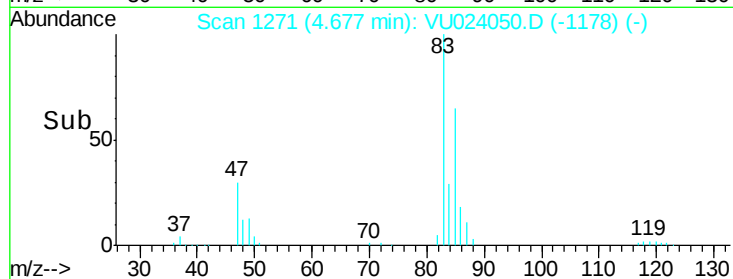
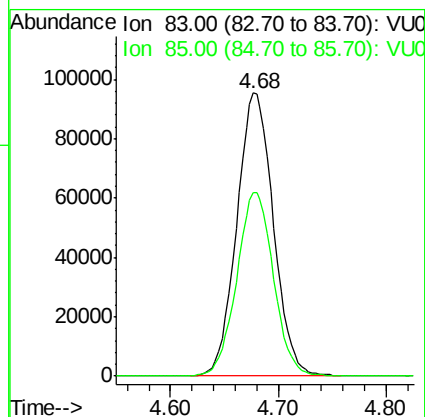
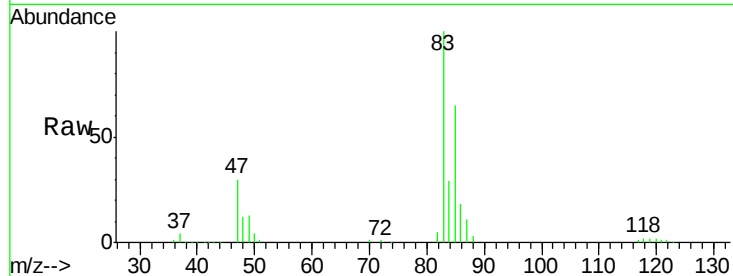
Time-->





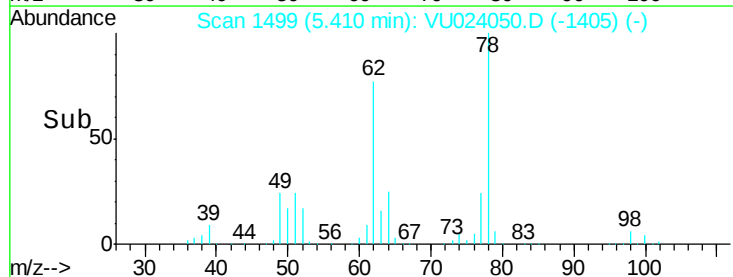
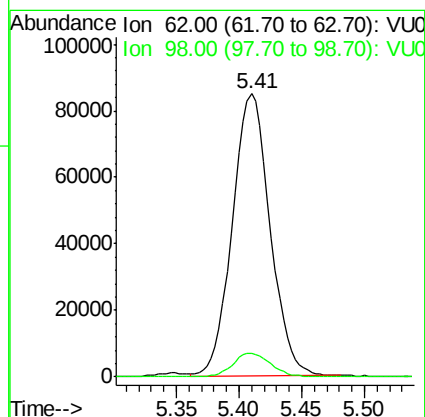
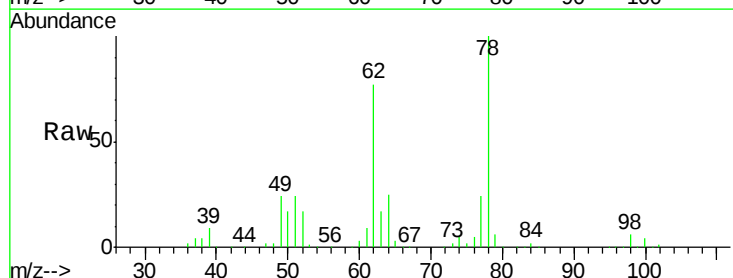
#25
Chloroform
Concen: 49.51 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

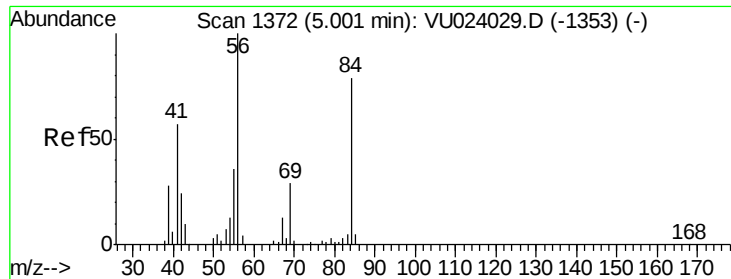
Tgt Ion: 83 Resp: 224859
Ion Ratio Lower Upper
83 100
85 64.9 44.4 82.5



#27
1,2-Dichloroethane
Concen: 51.33 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion: 62 Resp: 177260
Ion Ratio Lower Upper
62 100
98 8.4 7.5 11.3

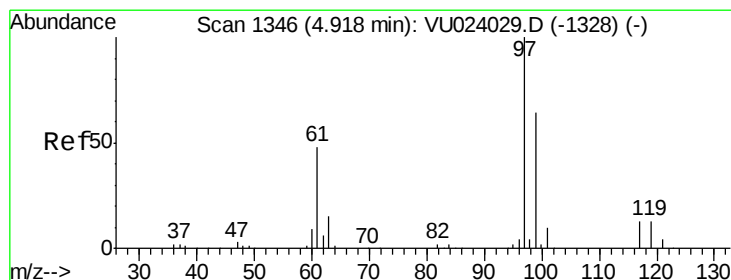
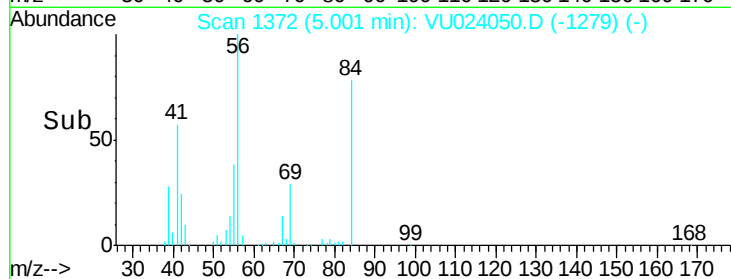
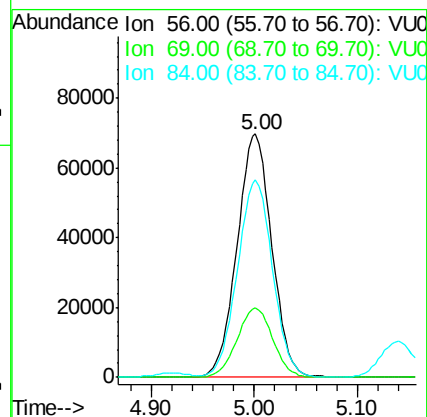
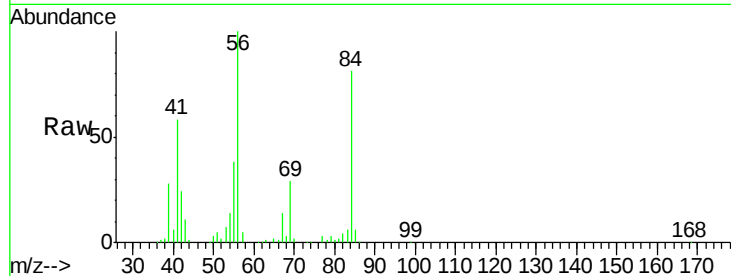




#29
Cyclohexane
Concen: 47.37 ug/L
RT: 5.00 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion: 56 Resp: 163622

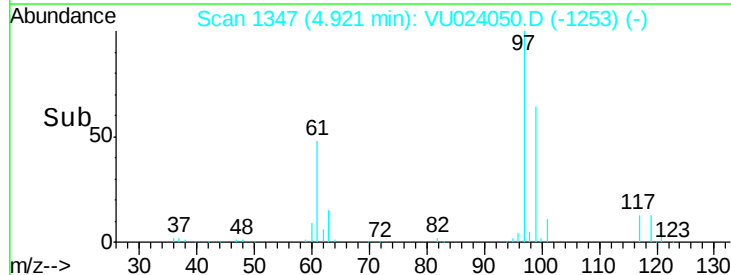
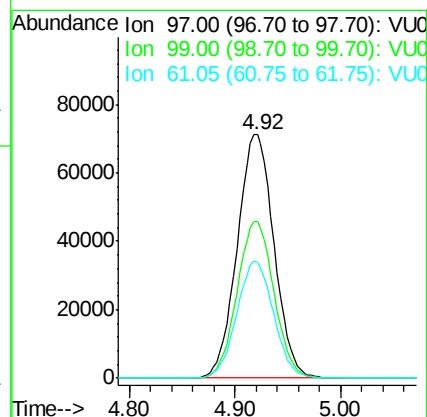
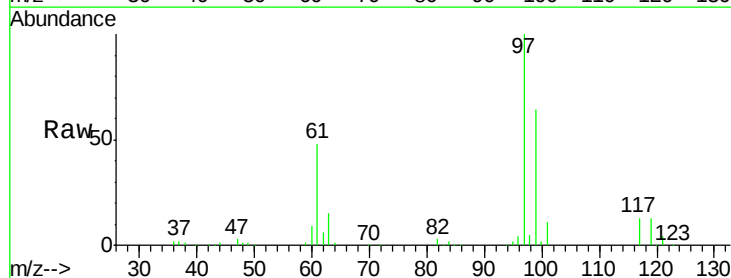
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.6	35.4
84	82.1	65.8	98.6

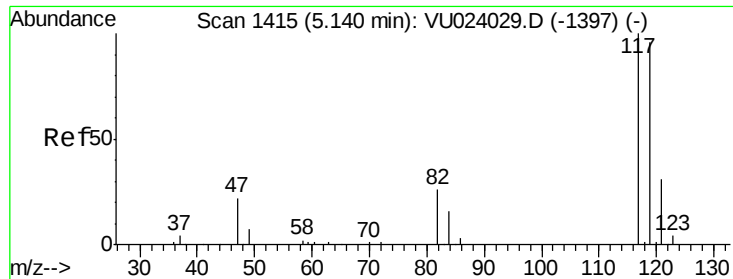


#30
1,1,1-Trichloroethane
Concen: 48.01 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion: 97 Resp: 172421

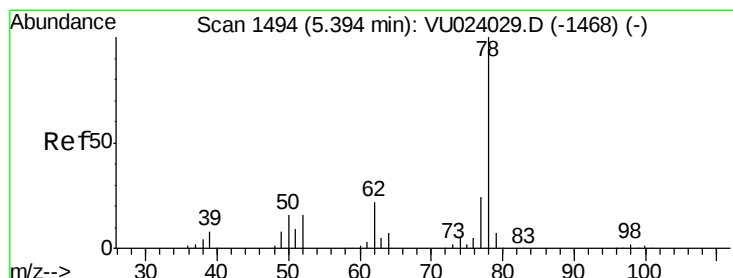
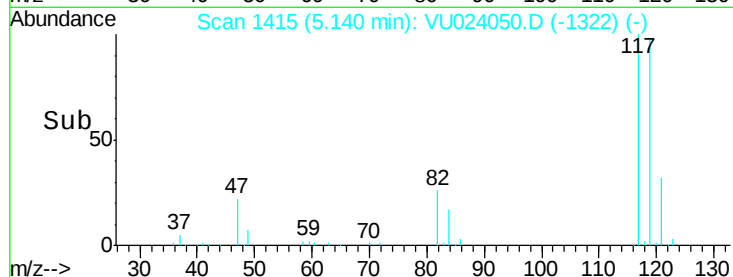
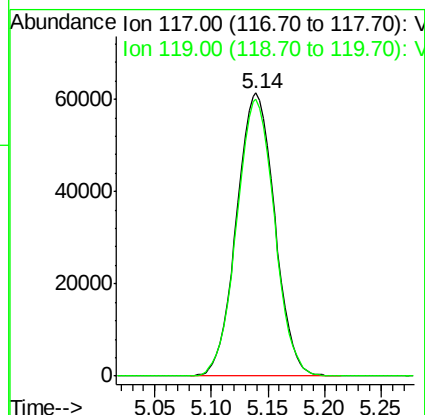
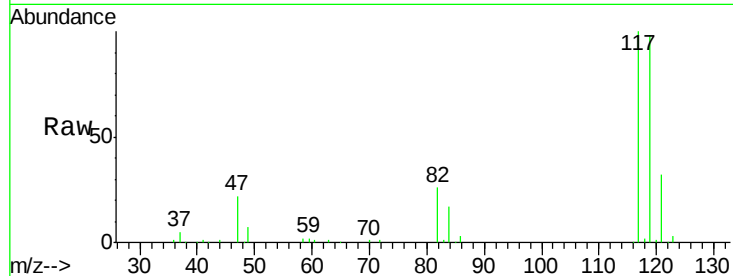
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	47.9	37.6	56.4





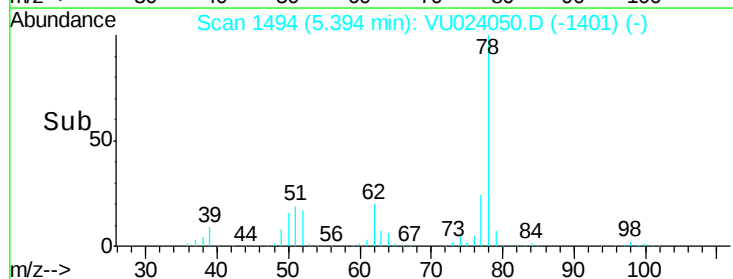
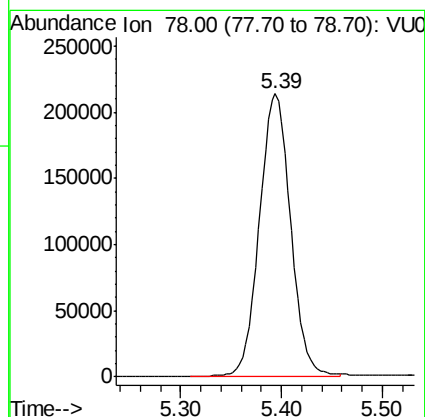
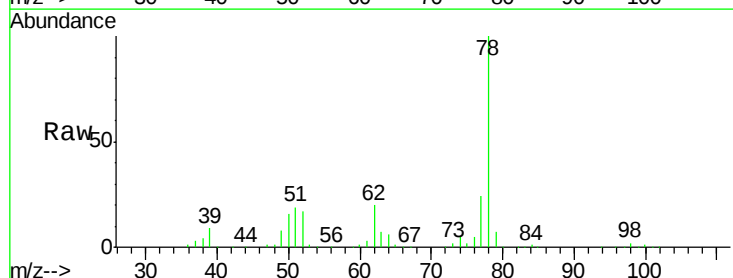
#31
Carbon tetrachloride
Concen: 46.49 ug/L
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

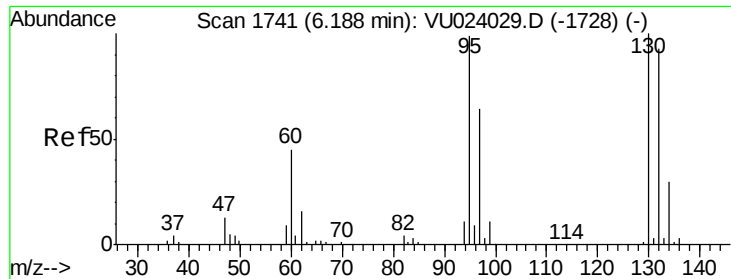
Tgt Ion:117 Resp: 143917
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0



#33
Benzene
Concen: 48.83 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

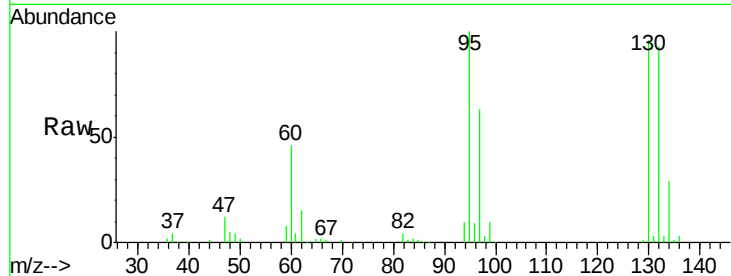
Tgt Ion: 78 Resp: 461971



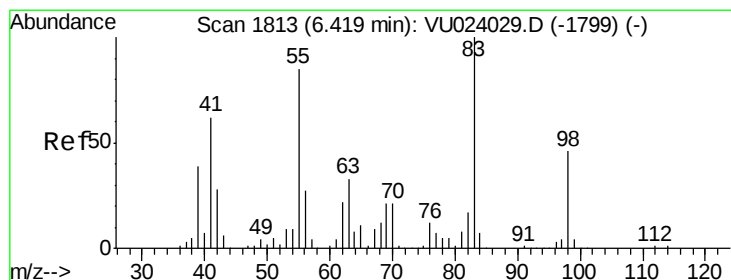
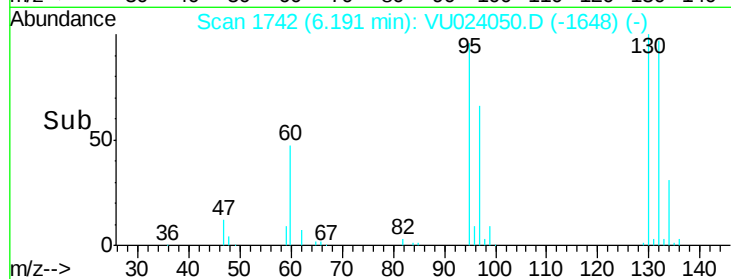
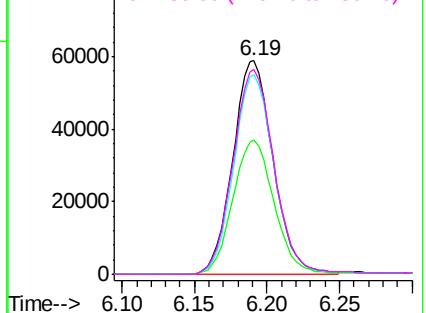


#34
 Trichloroethene
 Concen: 47.01 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

Tgt Ion:	95	Resp:	113453
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.4	84.2
132	93.2	69.0	128.1
130	96.1	71.7	133.1

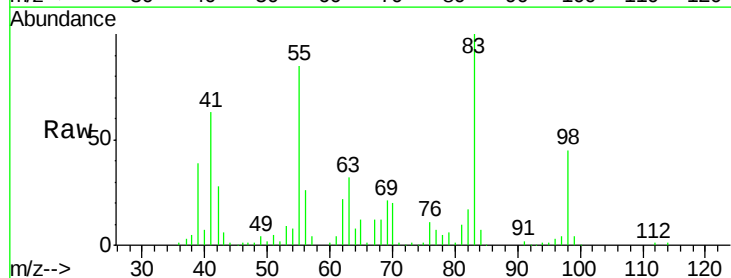


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

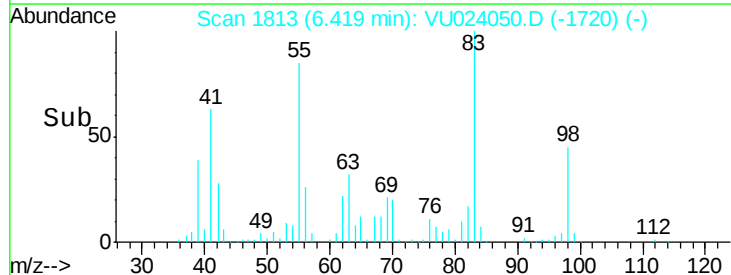
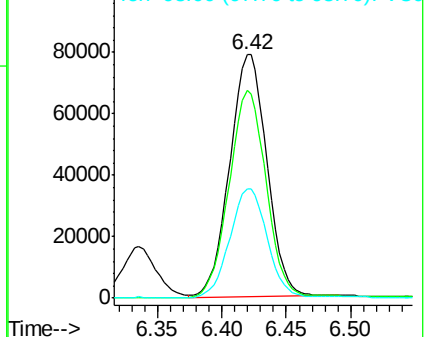


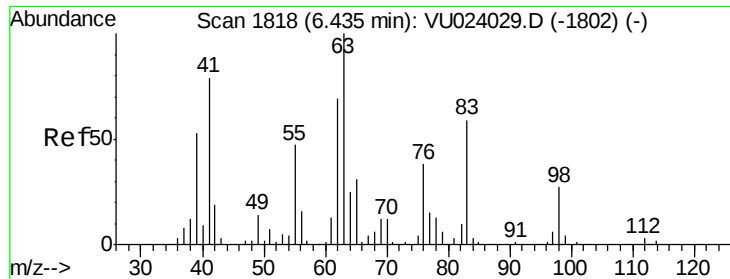
#35
 Methylcyclohexane
 Concen: 46.13 ug/L
 RT: 6.42 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

Tgt Ion:	83	Resp:	157981
Ion	Ratio	Lower	Upper
83	100		
55	85.7	67.2	100.8
98	45.6	36.6	54.8



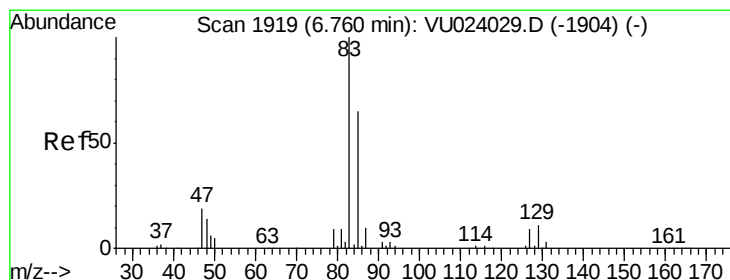
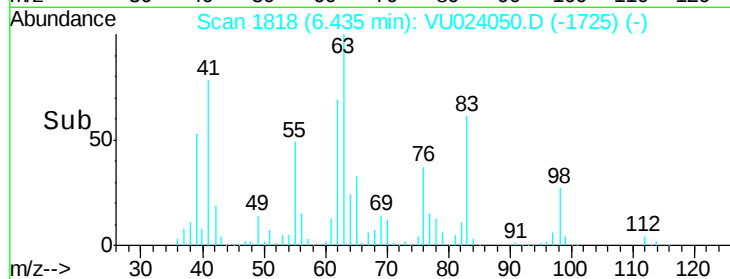
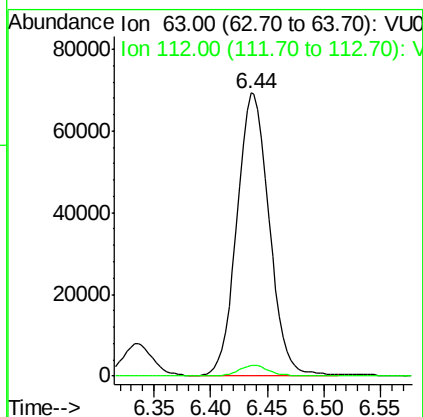
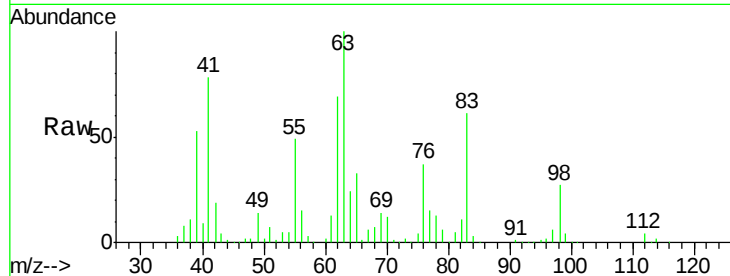
Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





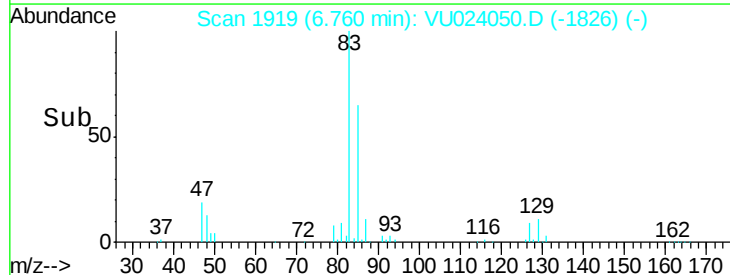
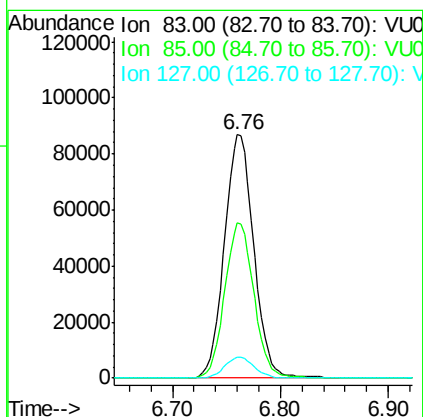
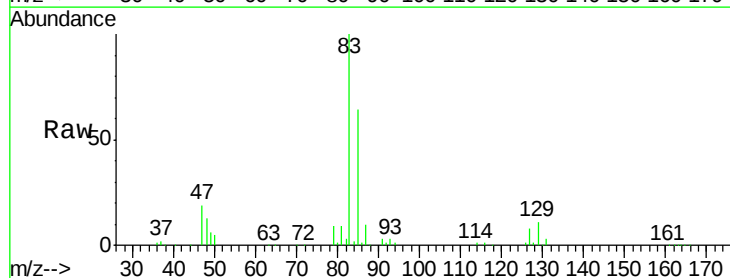
#37
 1,2-Dichloropropane
 Concen: 49.02 ug/L
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

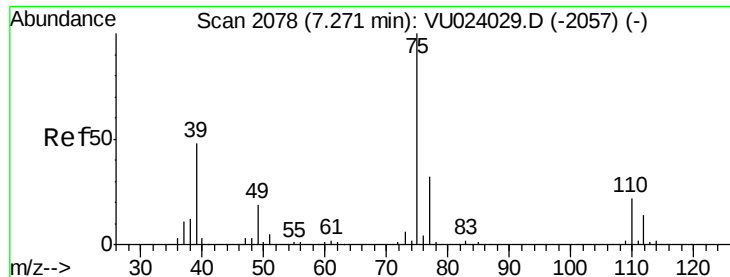
Tgt Ion: 63 Resp: 137257
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.2 4.8



#38
 Bromodichloromethane
 Concen: 49.69 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

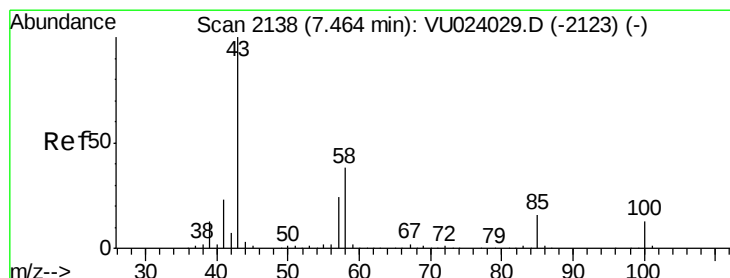
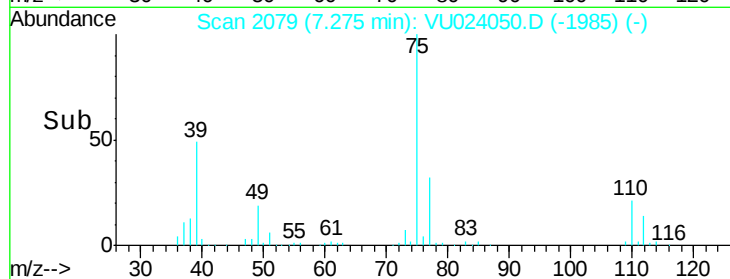
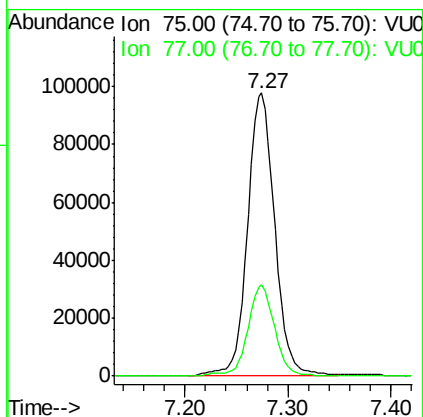
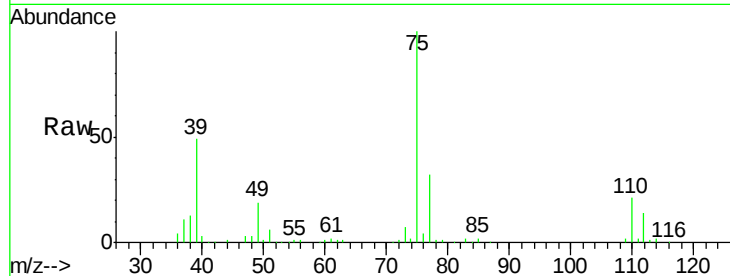
Tgt Ion: 83 Resp: 164876
 Ion Ratio Lower Upper
 83 100
 85 63.5 45.8 85.0
 127 8.4 6.6 10.0





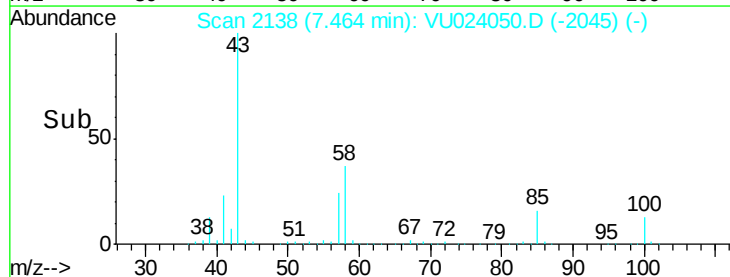
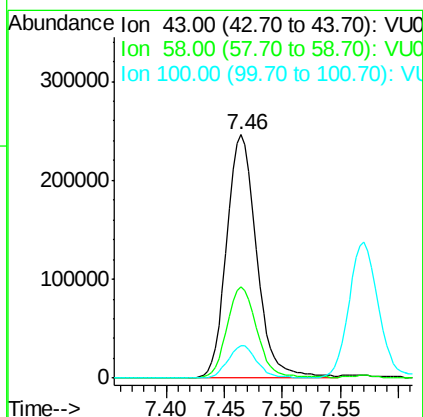
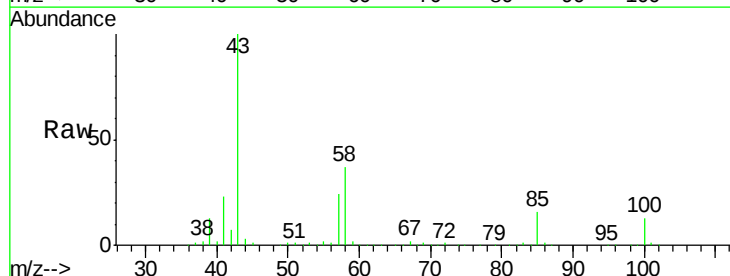
#39
 cis-1,3-Dichloropropene
 Concen: 48.59 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

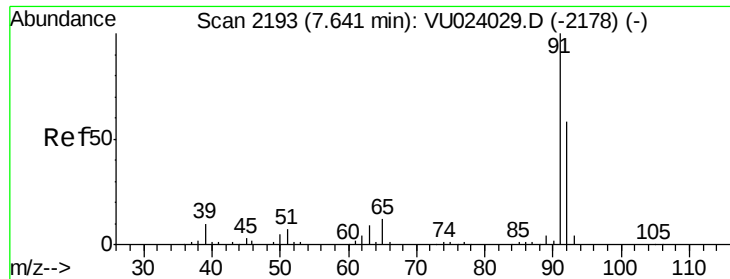
Tgt Ion: 75 Resp: 179578
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 111.52 ug/L
 RT: 7.46 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

Tgt Ion: 43 Resp: 439872
 Ion Ratio Lower Upper
 43 100
 58 37.7 31.4 47.2
 100 13.0 11.2 16.8





#42

Toluene

Concen: 49.85 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024050.D

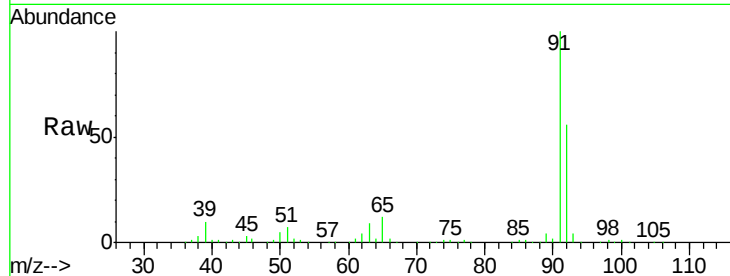
Acq: 23 May 2018 21:03

Tgt Ion: 91 Resp: 491521

Ion Ratio Lower Upper

91 100

92 56.3 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU024029.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU024029.D (-2178) (-)

7.64

300000

250000

200000

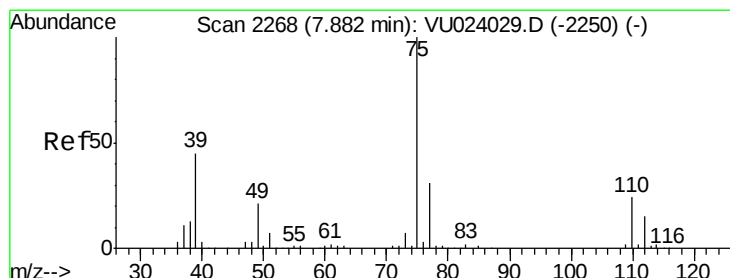
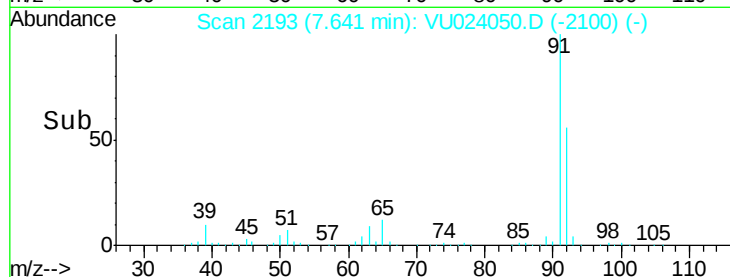
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 49.32 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024050.D

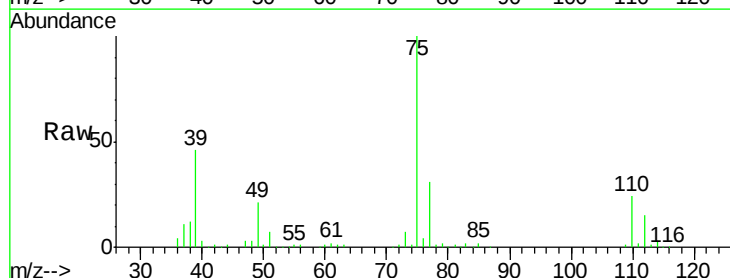
Acq: 23 May 2018 21:03

Tgt Ion: 75 Resp: 167833

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VU024029.D (-2250) (-)

Ion 77.00 (76.70 to 77.70): VU024029.D (-2250) (-)

7.88

100000

80000

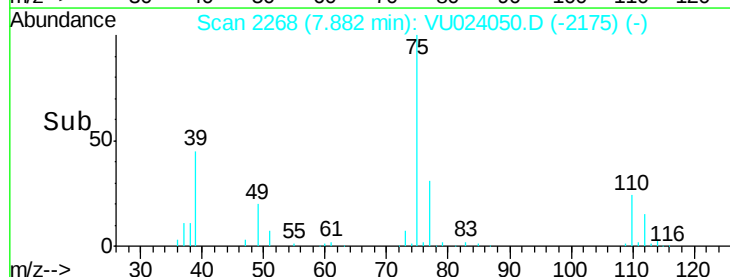
60000

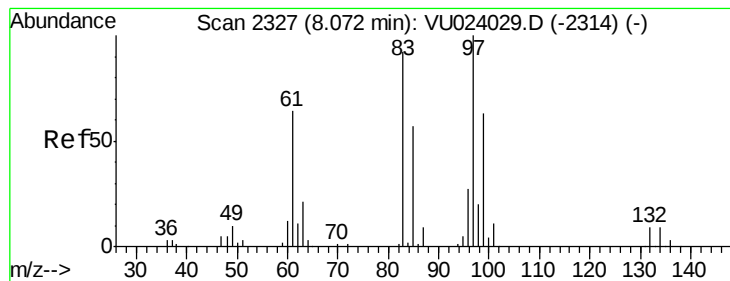
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 49.04 ug/L

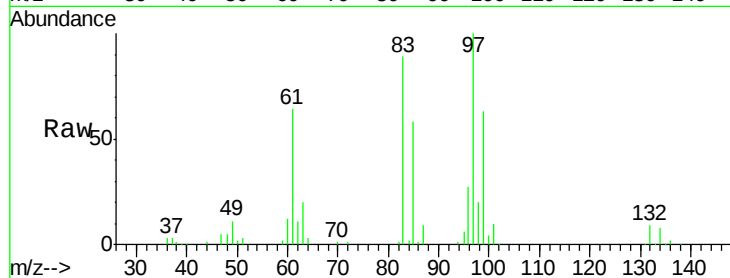
RT: 8.07 min Scan# 2327

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	97	Resp:	123326
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.3	80.3
83	89.2	61.9	114.9
85	57.9	39.8	74.0

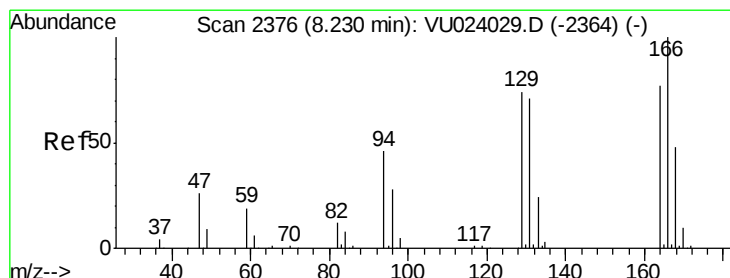
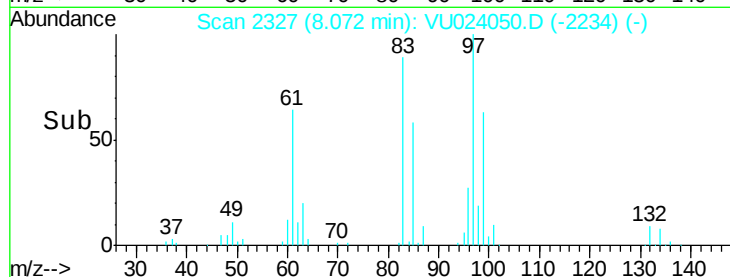
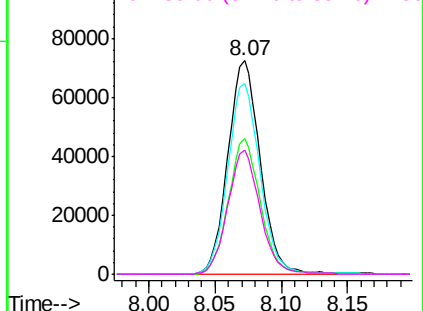


Abundance Ion 97.00 (96.70 to 97.70): VU024050.D (-2234) (-)

Ion 99.00 (98.70 to 99.70): VU024050.D (-2234) (-)

Ion 83.00 (82.70 to 83.70): VU024050.D (-2234) (-)

Ion 85.00 (84.70 to 85.70): VU024050.D (-2234) (-)



#46

Tetrachloroethene

Concen: 44.54 ug/L

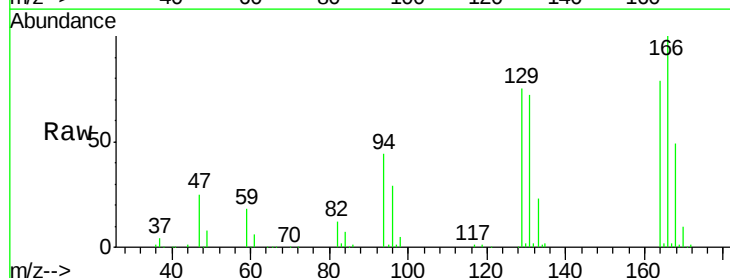
RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	164	Resp:	87871
Ion	Ratio	Lower	Upper
164	100		
129	94.3	65.3	121.3
131	90.9	63.0	117.0
166	126.2	87.4	162.2

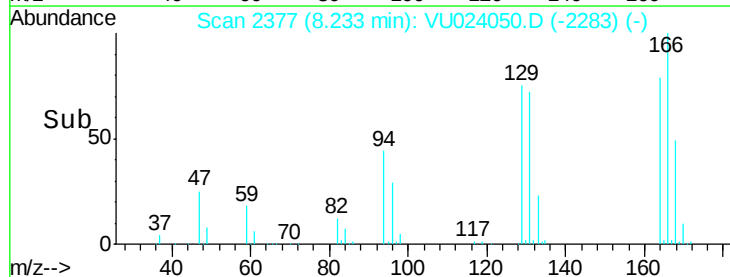
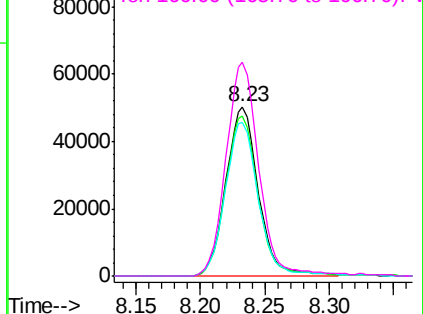


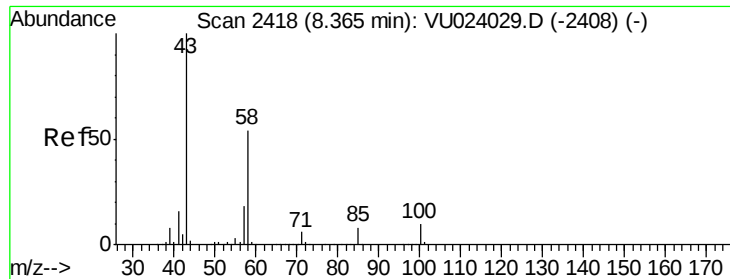
Abundance Ion 164.00 (163.70 to 164.70): VU024050.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU024050.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU024050.D (-2283) (-)

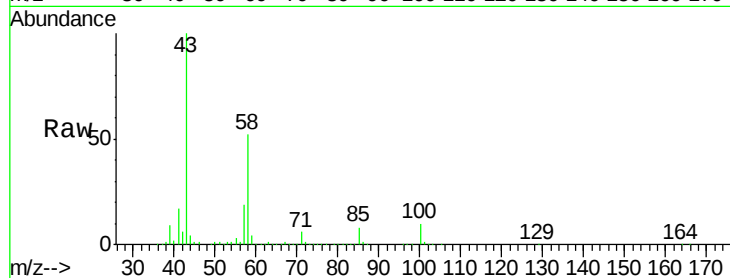
Ion 166.00 (165.70 to 166.70): VU024050.D (-2283) (-)



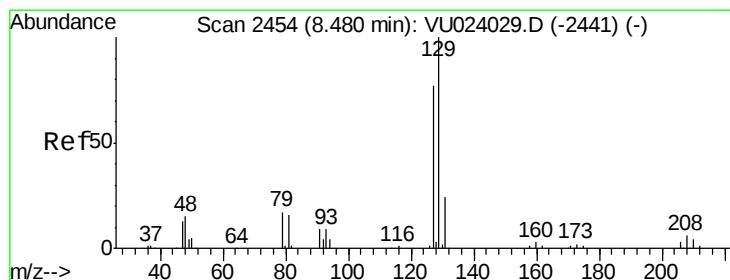
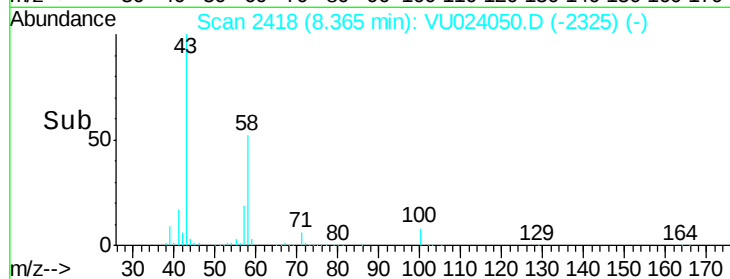
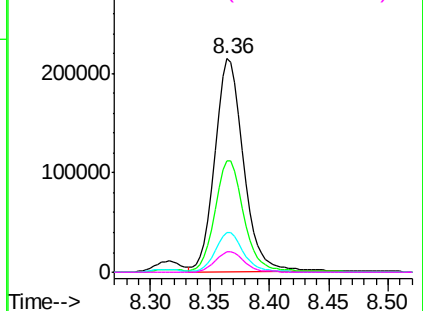


#48
2-Hexanone
Concen: 111.63 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion:	43	Resp:	357584
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.6	63.8
57	18.0	14.9	22.3
100	9.9	8.5	12.7

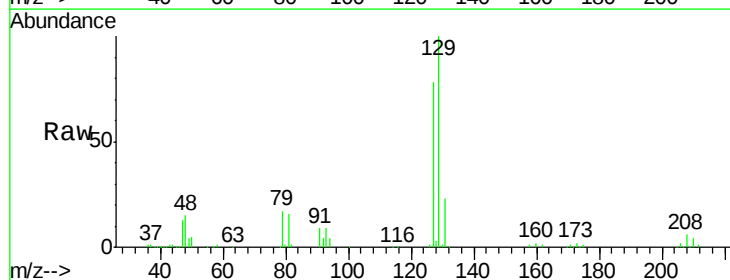


Abundance Ion 43.00 (42.70 to 43.70): VU024050.D (-2325) (-)
Ion 58.00 (57.70 to 58.70): VU024050.D (-2325) (-)
Ion 57.00 (56.70 to 57.70): VU024050.D (-2325) (-)
Ion 100.00 (99.70 to 100.70): VU024050.D (-2325) (-)

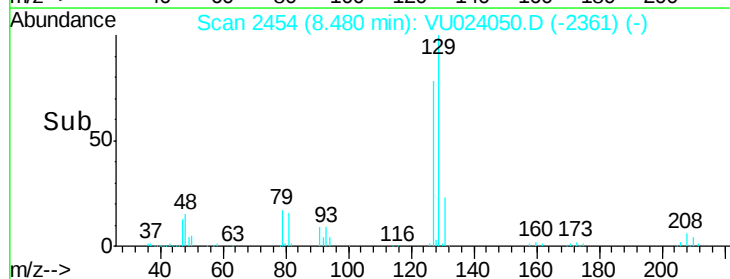
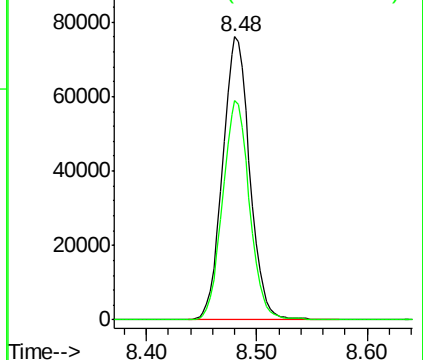


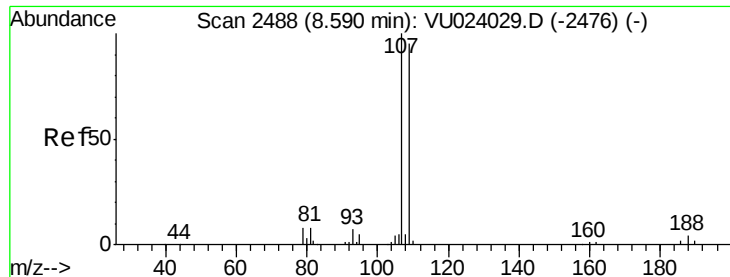
#49
Dibromochloromethane
Concen: 48.59 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024050.D
Acq: 23 May 2018 21:03

Tgt Ion:	129	Resp:	129939
Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.5	99.5



Abundance Ion 129.00 (128.70 to 129.70): VU024050.D (-2361) (-)
Ion 127.00 (126.70 to 127.70): VU024050.D (-2361) (-)





#50

1,2-Dibromoethane

Concen: 48.69 ug/L

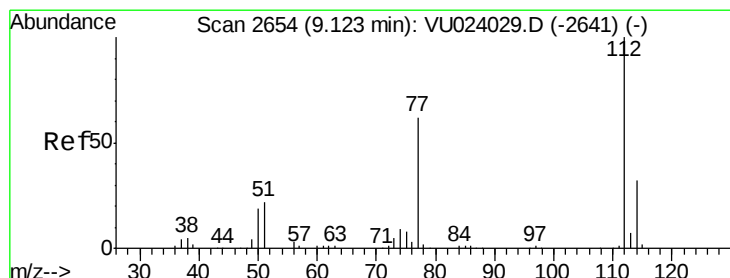
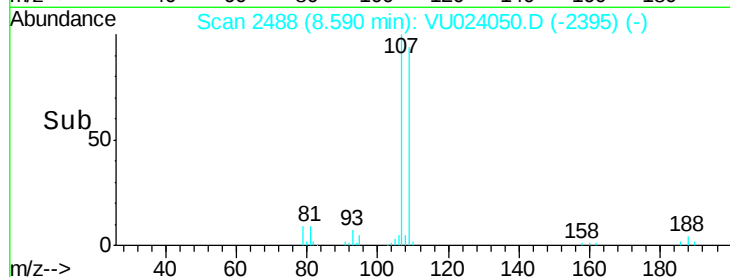
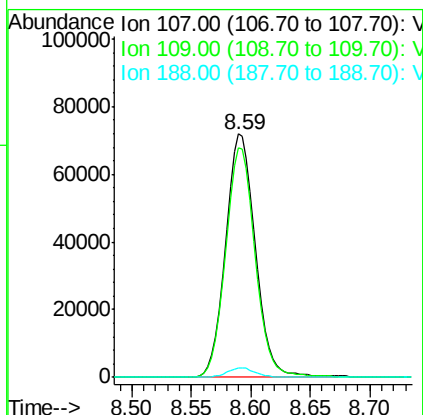
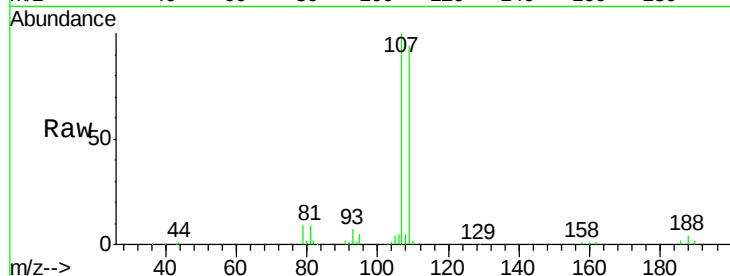
RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	107	Resp:	124890
Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.3	123.1
188	3.8	3.1	4.7



#51

Chlorobenzene

Concen: 47.66 ug/L

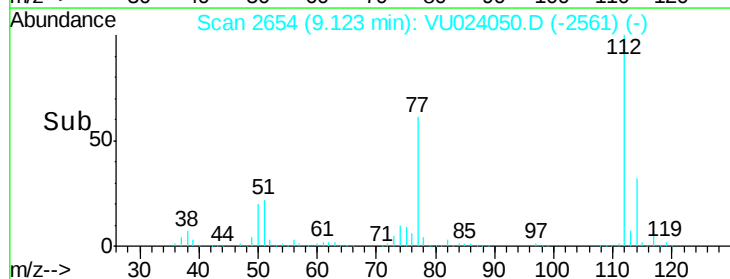
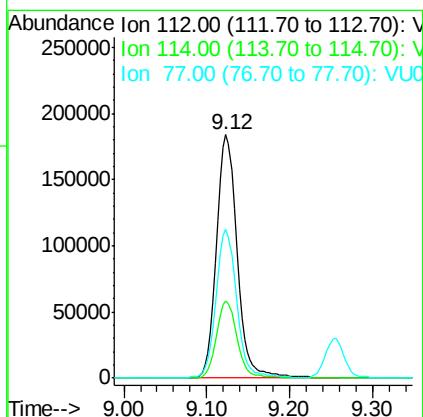
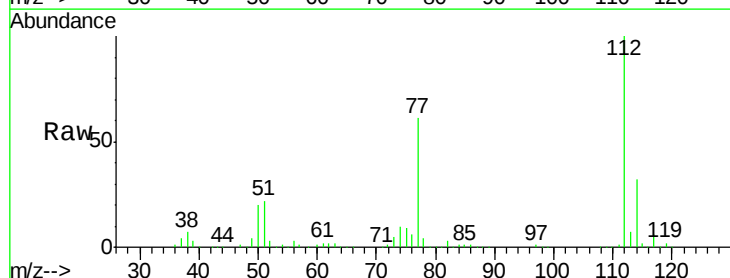
RT: 9.12 min Scan# 2654

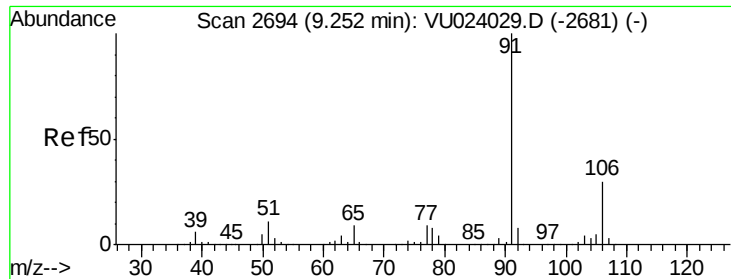
Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	112	Resp:	318815
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	61.0	46.7	70.1





#52

Ethylbenzene

Concen: 49.83 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU024050.D

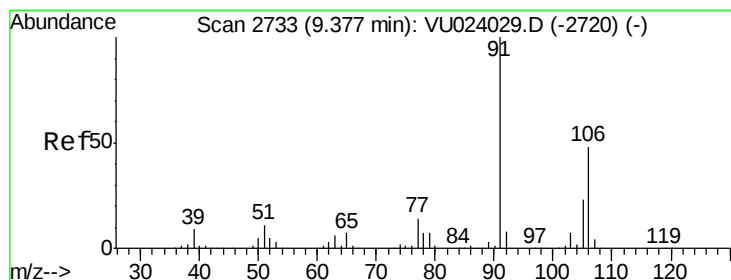
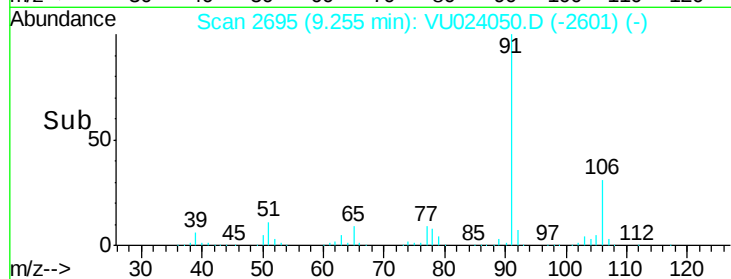
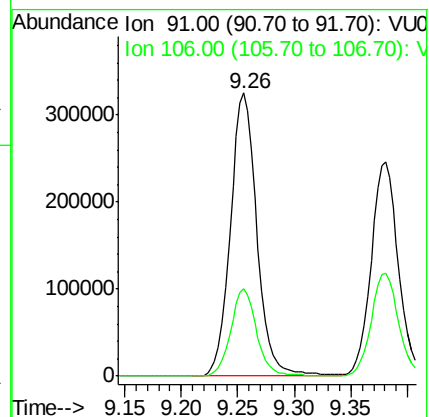
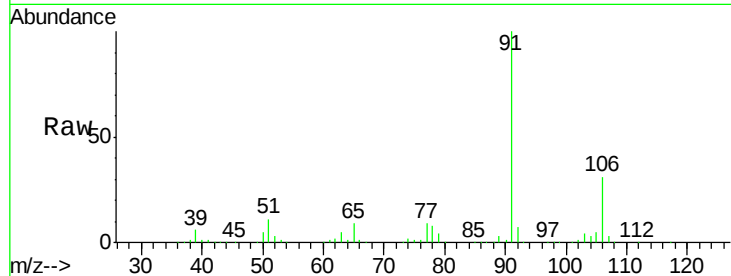
Acq: 23 May 2018 21:03

Tgt Ion: 91 Resp: 529668

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6



#53

m,p-Xylene

Concen: 49.67 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU024050.D

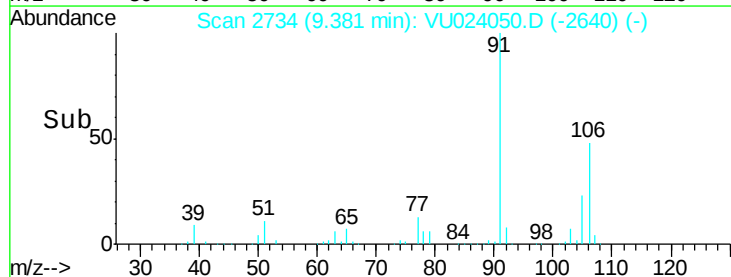
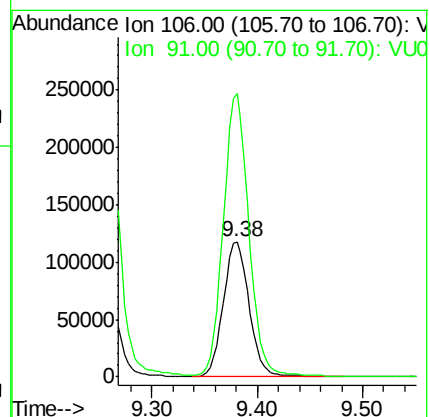
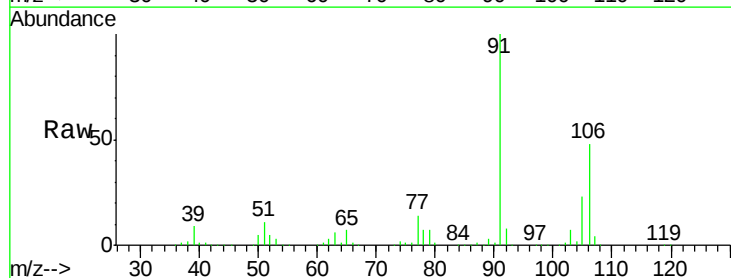
Acq: 23 May 2018 21:03

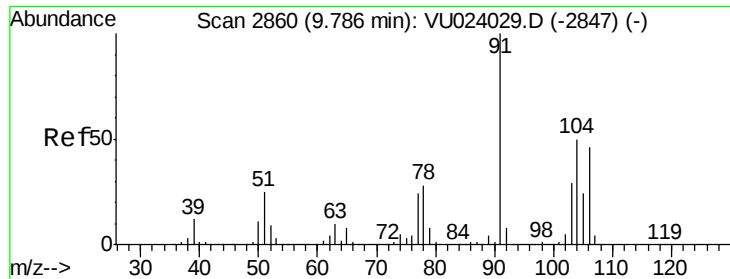
Tgt Ion: 106 Resp: 200080

Ion Ratio Lower Upper

106 100

91 208.8 141.8 263.4





#54

o-xylene

Concen: 49.85 ug/L

RT: 9.79 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU024050.D

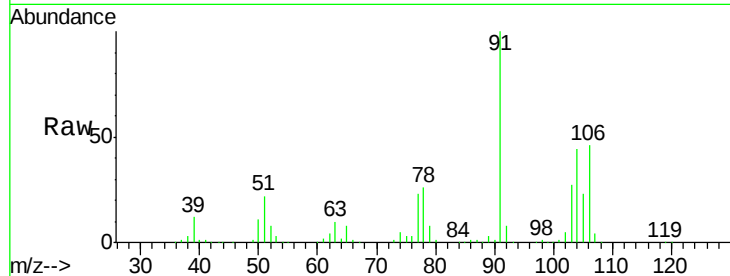
Acq: 23 May 2018 21:03

Tgt Ion:106 Resp: 195118

Ion Ratio Lower Upper

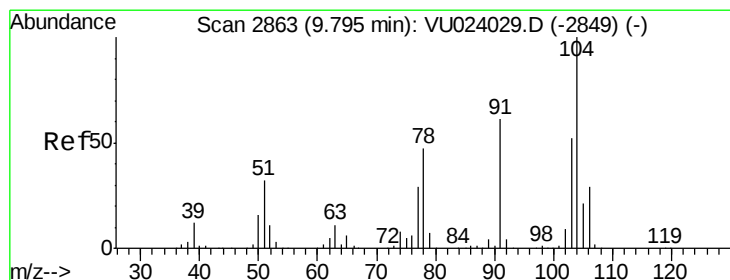
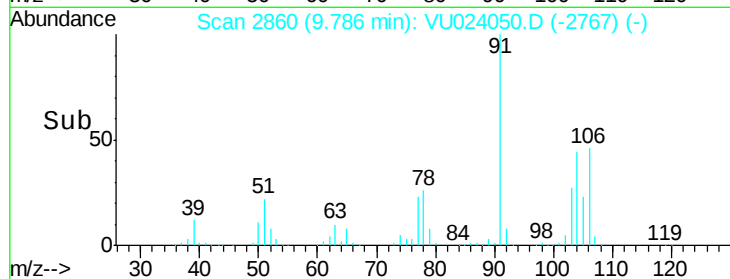
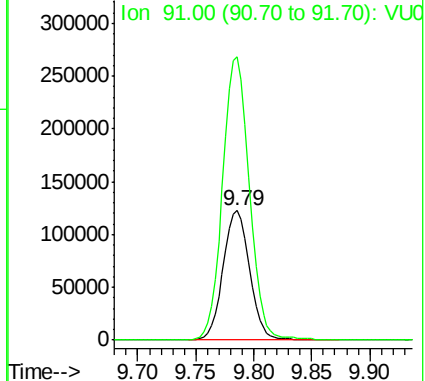
106 100

91 218.7 151.1 280.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 51.69 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU024050.D

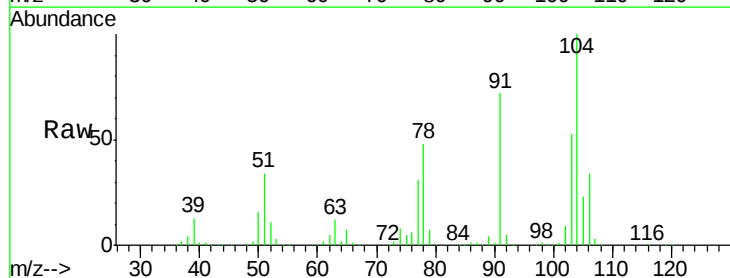
Acq: 23 May 2018 21:03

Tgt Ion:104 Resp: 353730

Ion Ratio Lower Upper

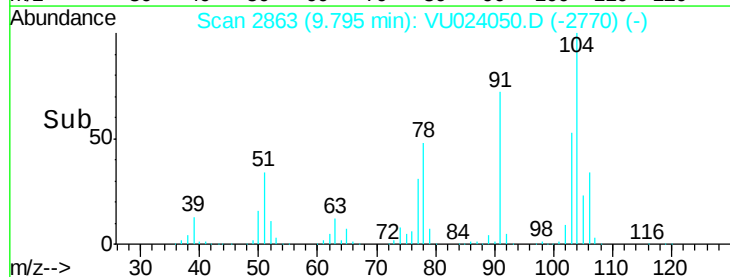
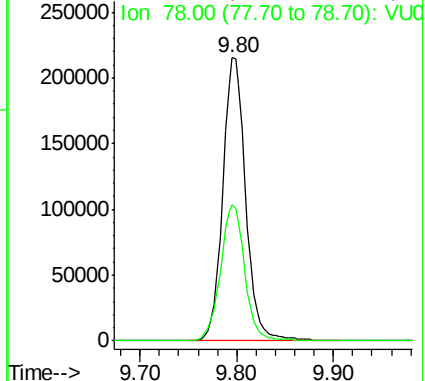
104 100

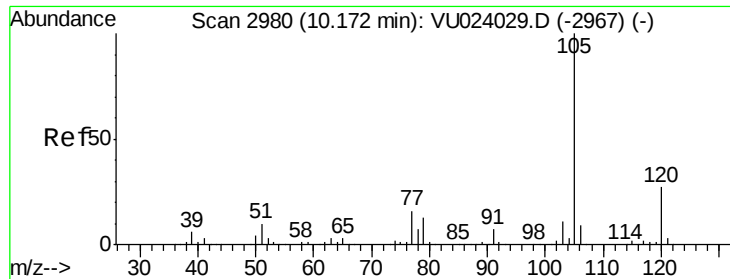
78 48.1 32.0 59.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0





#56

Isopropylbenzene

Concen: 49.72 ug/L

RT: 10.17 min Scan# 2980

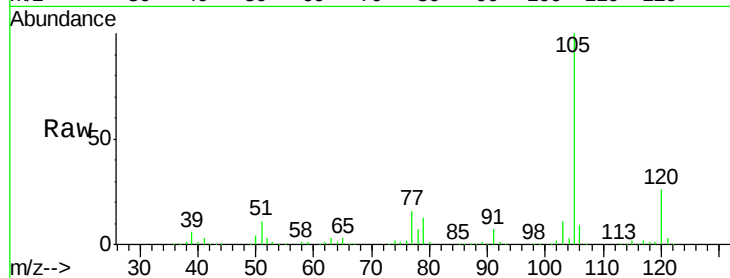
Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion: 105 Resp: 511787

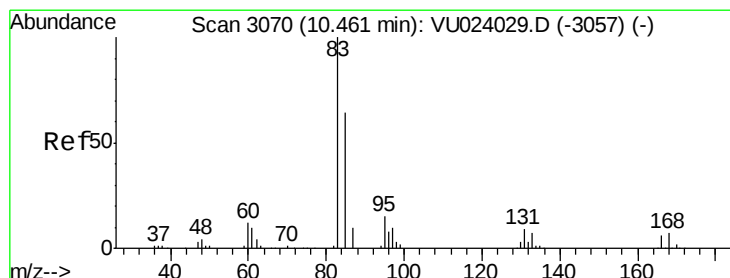
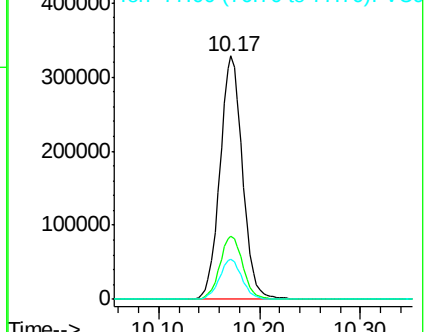
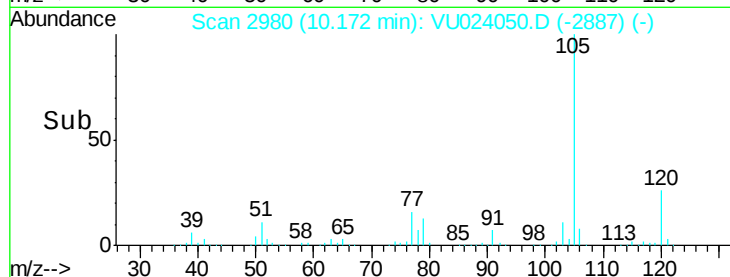
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	16.4	12.6	18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 49.65 ug/L

RT: 10.46 min Scan# 3070

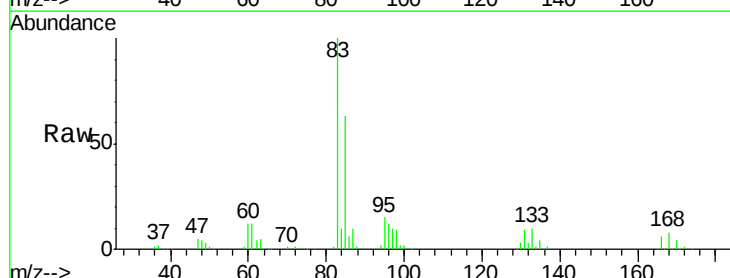
Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion: 83 Resp: 224737

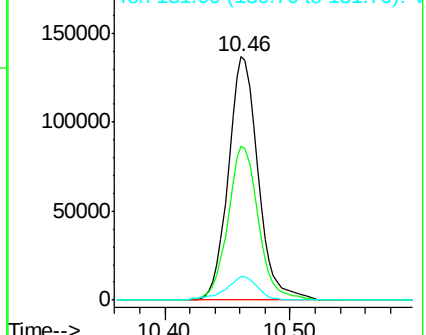
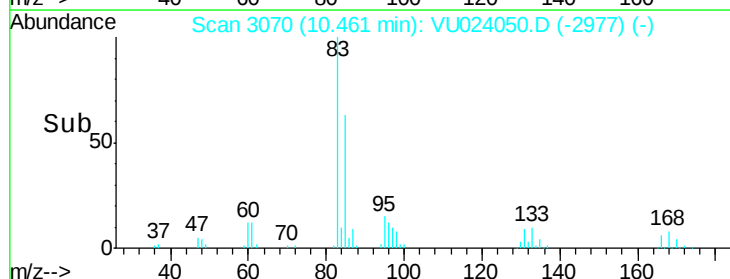
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.2	84.0
131	9.4	7.9	11.9

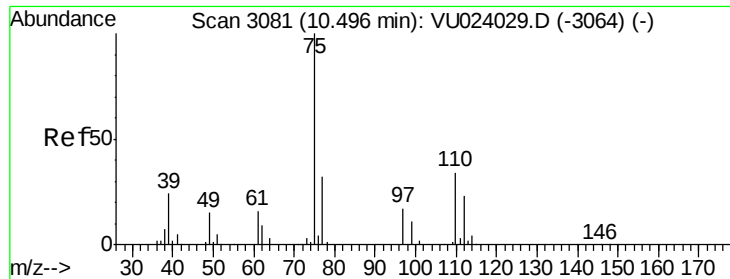


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 50.49 ug/L

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU024050.D

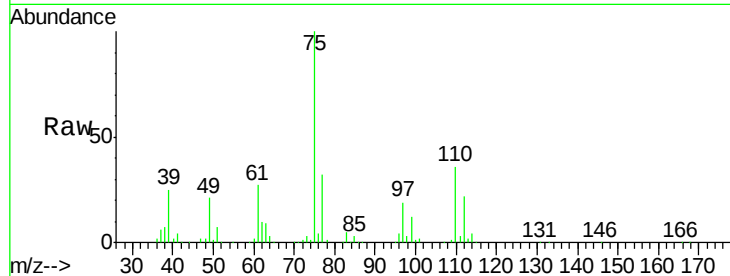
Acq: 23 May 2018 21:03

Tgt Ion: 75 Resp: 183452

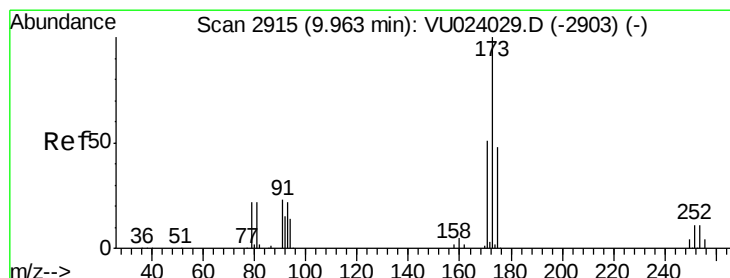
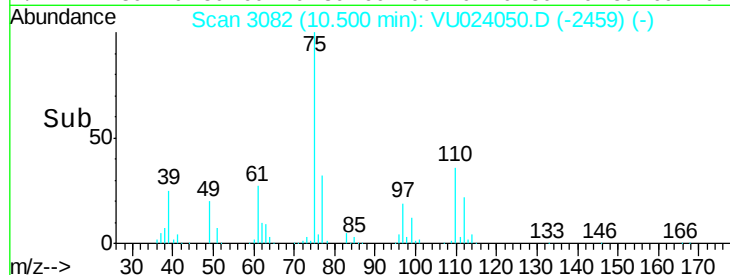
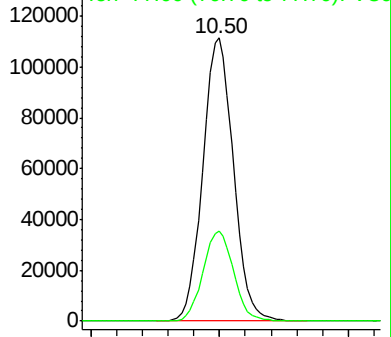
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU024050.D (-2459) (-)



#61

Bromoform

Concen: 47.86 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

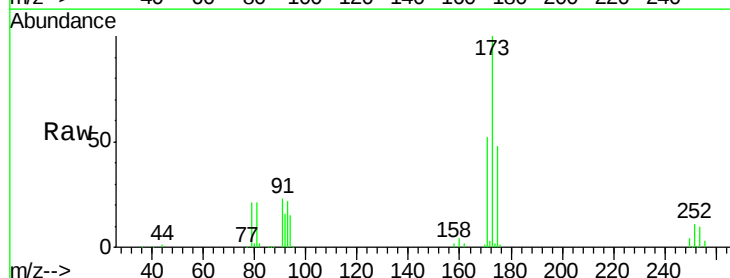
Tgt Ion: 173 Resp: 96744

Ion Ratio Lower Upper

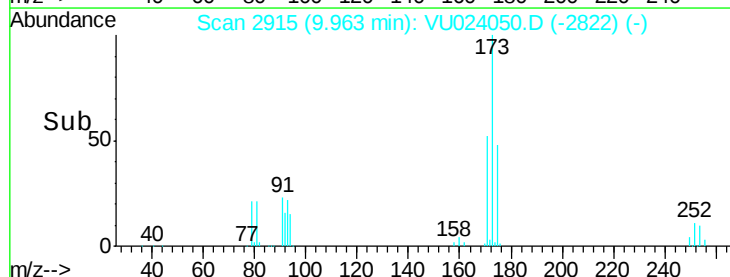
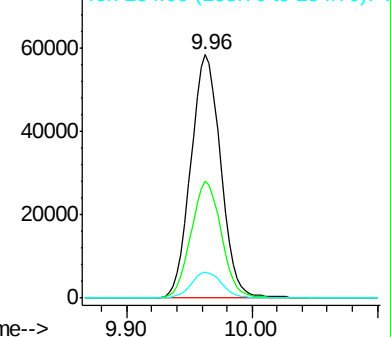
173 100

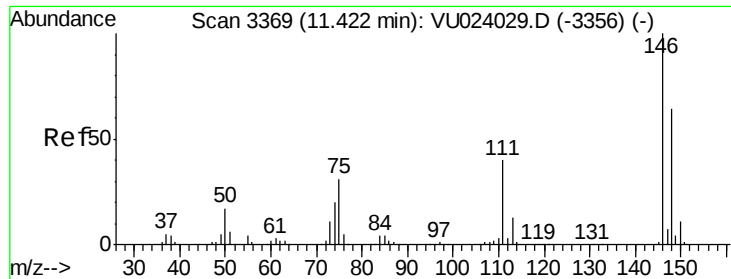
175 48.9 38.7 58.1

254 10.8 8.9 13.3



Abundance Ion 173.00 (172.70 to 173.70): VU024050.D (-2822) (-)





#62

1,3-Dichlorobenzene

Concen: 48.05 ug/L

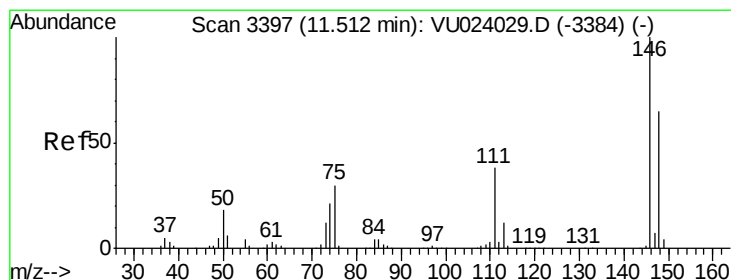
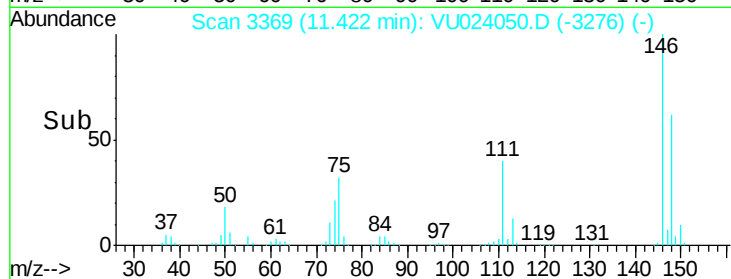
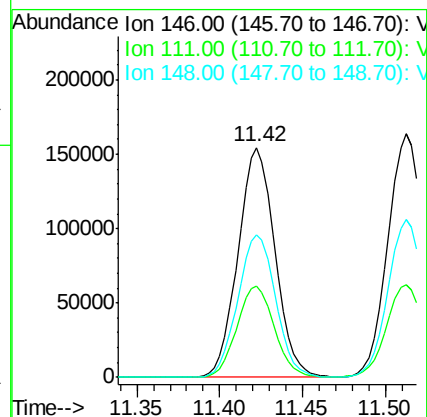
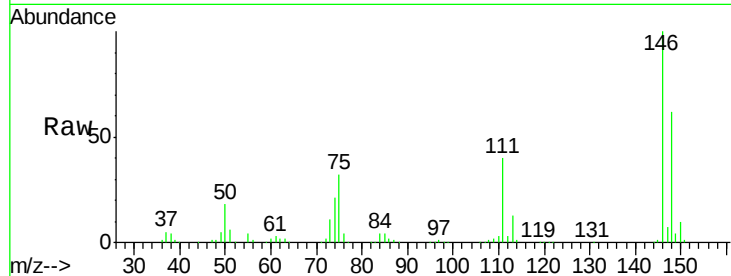
RT: 11.42 min Scan# 3369

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	146	Resp:	239387
Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.6	51.4
148	62.1	45.4	84.2



#63

1,4-Dichlorobenzene

Concen: 47.64 ug/L

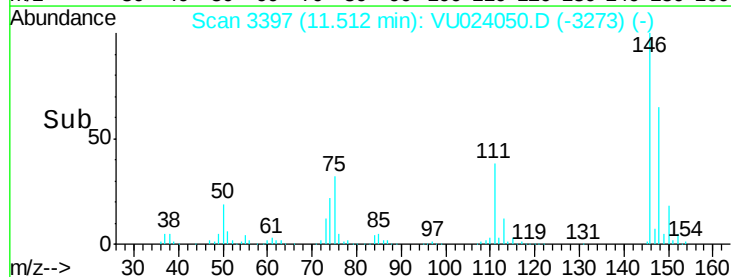
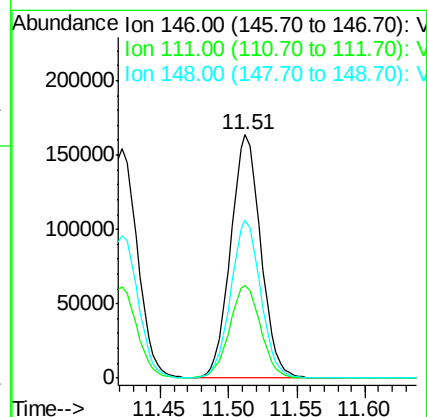
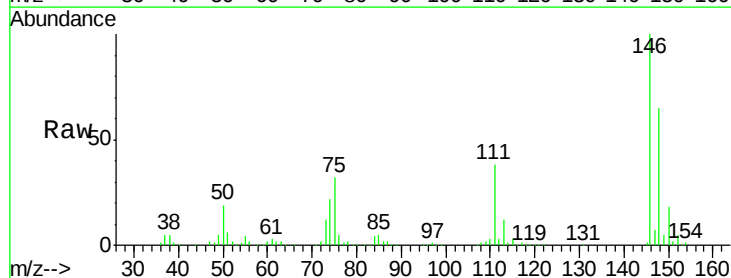
RT: 11.51 min Scan# 3397

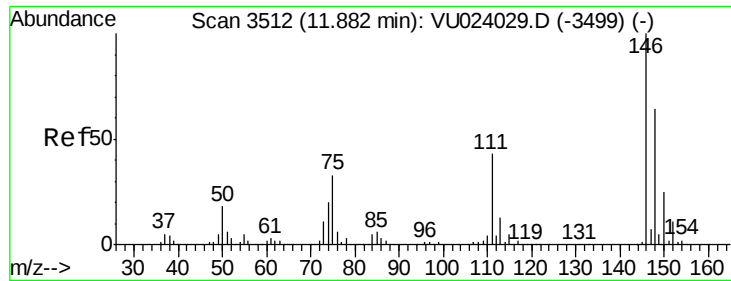
Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

Tgt Ion:	146	Resp:	251511
Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.0	50.2
148	64.8	45.2	84.0





#65

1,2-Dichlorobenzene

Concen: 48.19 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

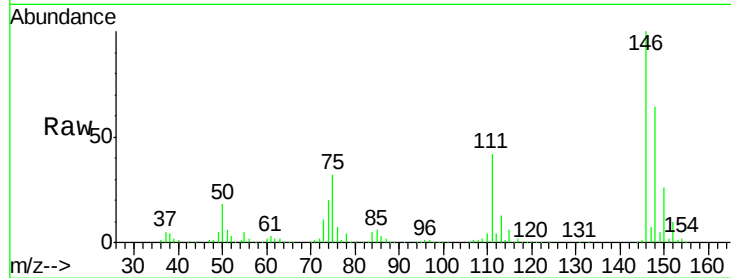
Tgt Ion: 146 Resp: 258952

Ion Ratio Lower Upper

146 100

111 42.1 32.1 48.1

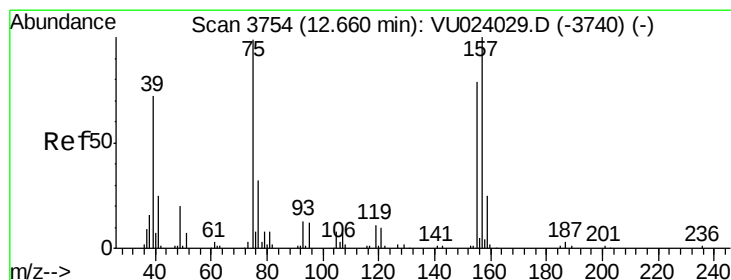
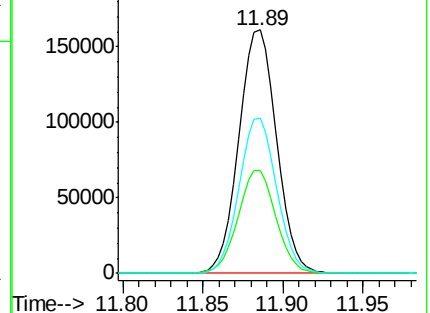
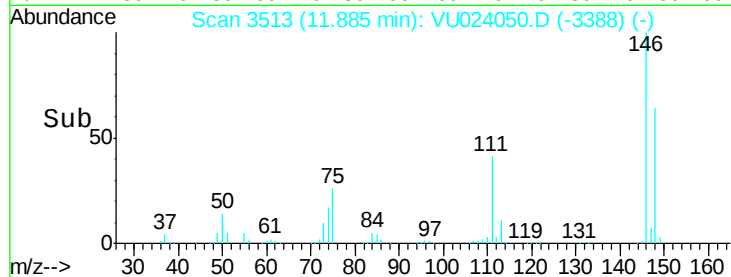
148 63.8 49.8 74.8



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: 51.68 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

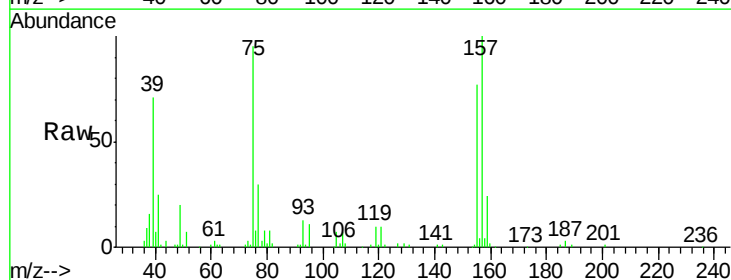
Tgt Ion: 75 Resp: 48978

Ion Ratio Lower Upper

75 100

155 81.0 69.4 104.2

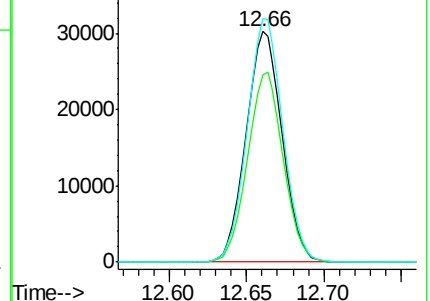
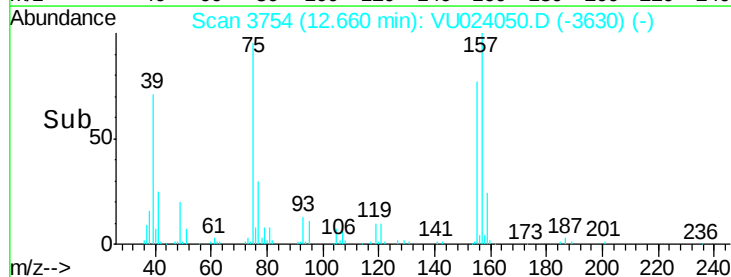
157 105.6 88.4 132.6

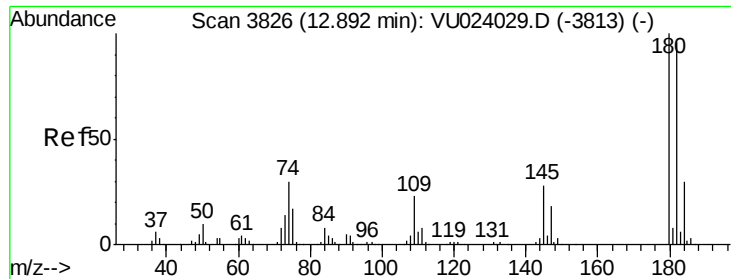


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

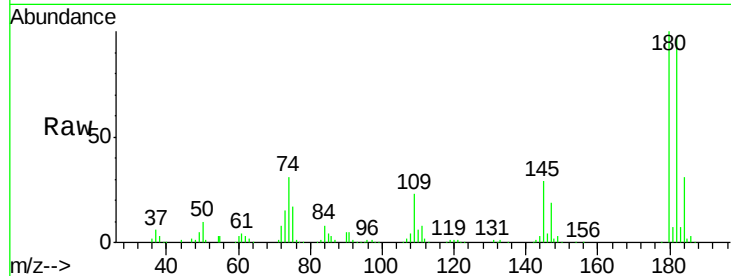
Ion 157.00 (156.70 to 157.70): V





#67
 1,3,5-Trichlorobenzene
 Concen: 46.66 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

Tgt Ion:	180	Resp:	192224
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.2
184	31.0	24.2	36.4
145	28.8	22.5	33.7

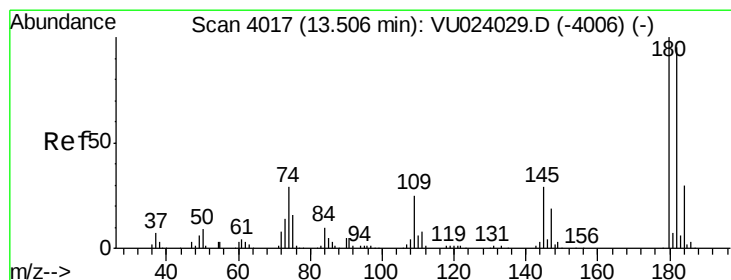
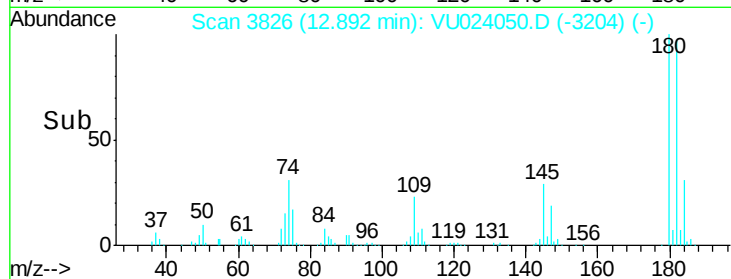
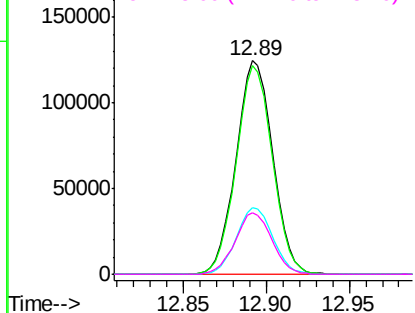


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

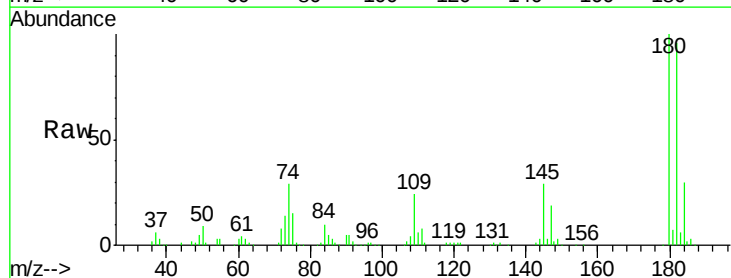
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 47.99 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU024050.D
 Acq: 23 May 2018 21:03

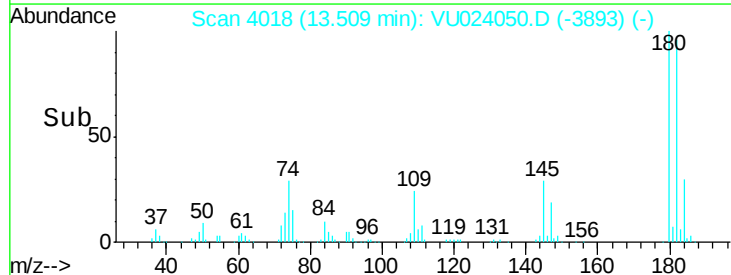
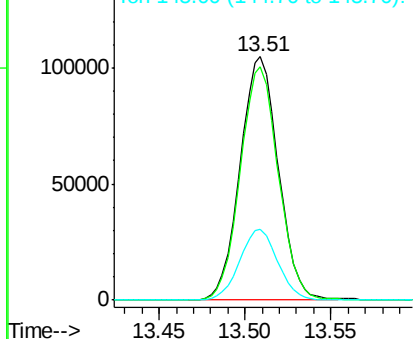
Tgt Ion:	180	Resp:	161915
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
145	29.1	23.0	34.4

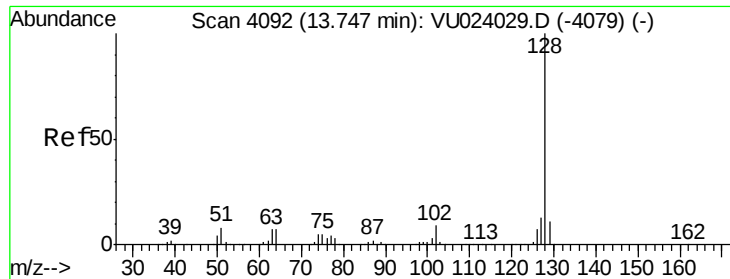


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 53.92 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

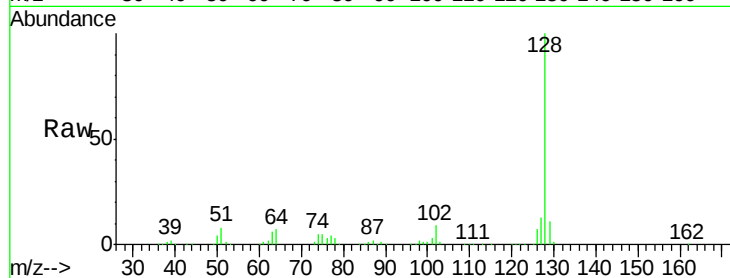
Tgt Ion:128 Resp: 517885

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

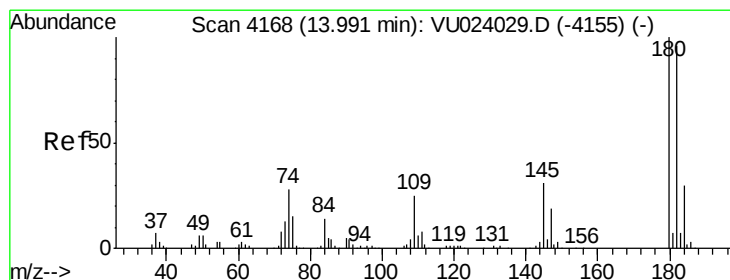
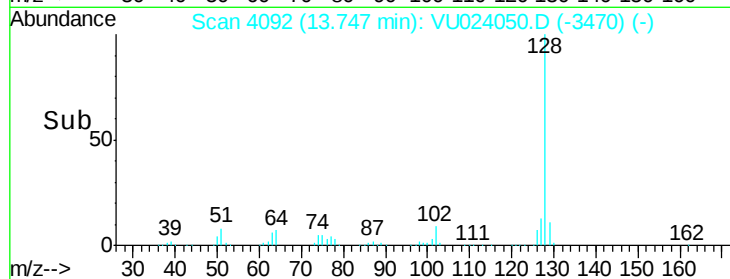
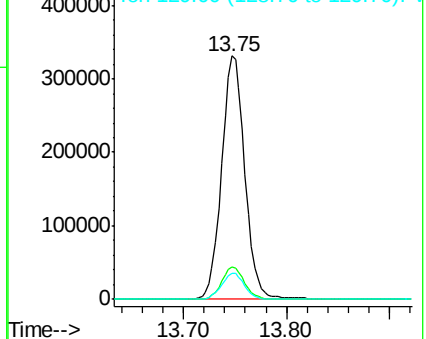
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.23 ug/L

RT: 13.99 min Scan# 4168

Delta R.T. -0.00 min

Lab File: VU024050.D

Acq: 23 May 2018 21:03

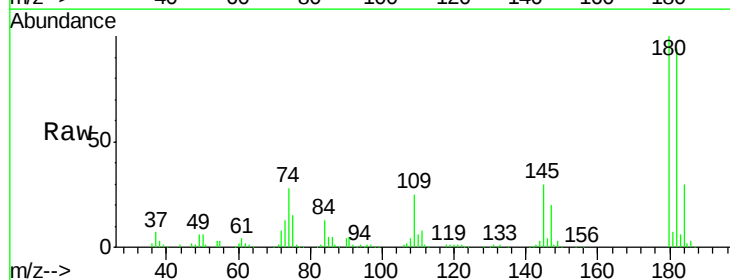
Tgt Ion:180 Resp: 181347

Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 30.5 23.9 35.9



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

