

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023659.D
 Acq On : 05 May 2018 10:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 00:57:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	83332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48497	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.68	69	40024	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	94945	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.19	46	135291	39.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.08%
24) Chloroform-d	4.65	84	97519	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	48538	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.34	84	184720	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.33	67	61584	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.57	98	175440	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	21069	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	107613	40.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46475	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	66174	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76957	5.00	ug/L	99
3) Chloromethane	1.33	50	74065	4.43	ug/L	99
5) Vinyl chloride	1.40	62	74924	4.92	ug/L	98
6) Bromomethane	1.63	94	34609	4.25	ug/L	99
8) Chloroethane	1.70	64	45951	4.93	ug/L	99
9) Trichlorofluoromethane	1.89	101	92457	5.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53315	5.26	ug/L	99
12) 1,1-Dichloroethene	2.28	96	49088	5.11	ug/L	98
13) Acetone	2.33	43	91076	46.59	ug/L	99
14) Carbon disulfide	2.48	76	173264	5.00	ug/L	99
15) Methyl Acetate	2.62	43	25182	4.58	ug/L	99
16) Methylene chloride	2.70	84	54985	4.99	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	122215	4.94	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	52780	4.97	ug/L	99
19) 1,1-Dichloroethane	3.45	63	115046	5.72	ug/L	99
21) 2-Butanone	4.28	43	156987	43.42	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	62647	4.97	ug/L	98

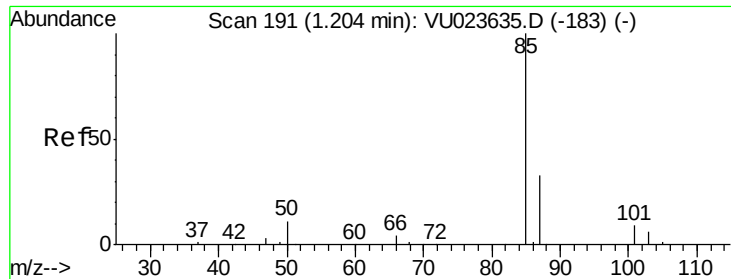
Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023659.D
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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	26854	4.92	ug/L	99
25) Chloroform	4.68	83	111357	5.11	ug/L	99
27) 1,2-Dichloroethane	5.41	62	67752	4.88	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	88623	5.03	ug/L	99
30) Cyclohexane	5.00	56	94054	4.70	ug/L	100
31) Carbon tetrachloride	5.13	117	77700	5.29	ug/L	97
33) Benzene	5.39	78	242885	4.94	ug/L	100
34) Trichloroethene	6.19	95	62248	4.86	ug/L	97
35) Methylcyclohexane	6.42	83	92076	4.74	ug/L	100
37) 1,2-Dichloropropane	6.44	63	65893	4.82	ug/L	100
38) Bromodichloromethane	6.76	83	76468	5.10	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	81502	4.78	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	371814	44.63	ug/L	100
42) Toluene	7.64	91	257099	5.14	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	66394	4.77	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	42301	4.93	ug/L	96
47) Tetrachloroethene	8.23	164	51394	5.07	ug/L	99
48) 2-Hexanone	8.37	43	269411	44.65	ug/L	98
49) Dibromochloromethane	8.48	129	49003	4.99	ug/L	93
50) 1,2-Dibromoethane	8.59	107	37824	4.72	ug/L	98
51) Chlorobenzene	9.12	112	163040	4.97	ug/L	98
52) Ethylbenzene	9.25	91	261570	4.92	ug/L	97
53) m,p-xylene	9.38	106	102358	5.13	ug/L	99
54) o-xylene	9.78	106	96867	5.13	ug/L	100
55) Styrene	9.80	104	174556	5.27	ug/L	99
56) Isopropylbenzene	10.17	105	258037	5.16	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	52396	4.59	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	38558	4.79	ug/L	96
61) Bromoform	9.96	173	26460	4.69	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	126367	5.01	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	133194	5.00	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	125093	5.08	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8099	4.87	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	108271	5.04	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	86835	4.90	ug/L	100
69) Naphthalene	13.75	128	118454	4.40	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	81971	4.94	ug/L	99

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

[illegible]



#2

Dichlorodifluoromethane

Concen: 5.00 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023659.D

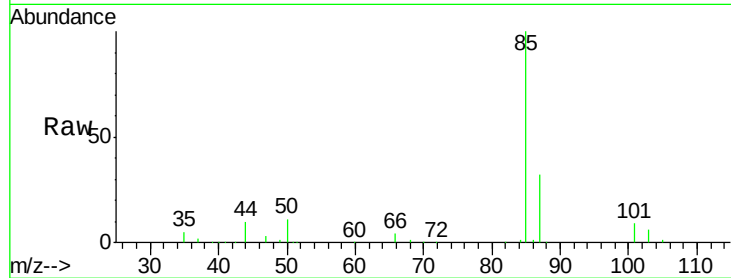
Acq: 05 May 2018 10:34

Tgt Ion: 85 Resp: 76957

Ion Ratio Lower Upper

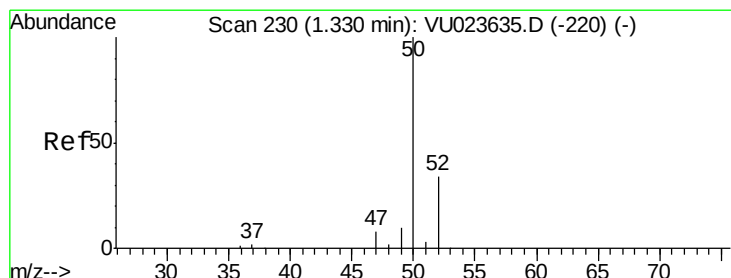
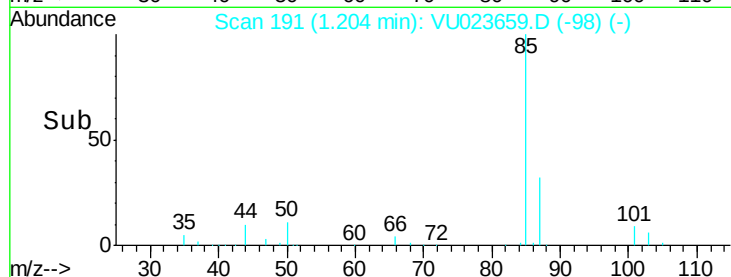
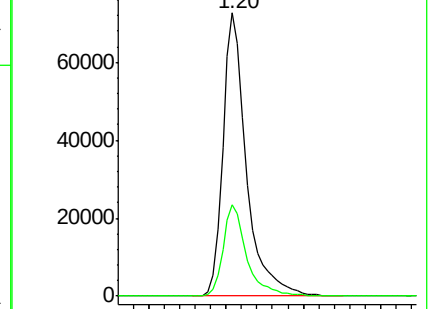
85 100

87 32.1 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 4.43 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023659.D

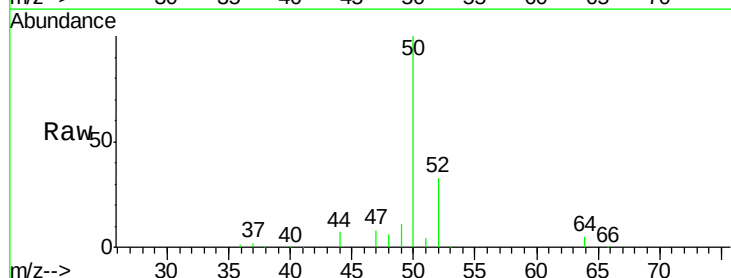
Acq: 05 May 2018 10:34

Tgt Ion: 50 Resp: 74065

Ion Ratio Lower Upper

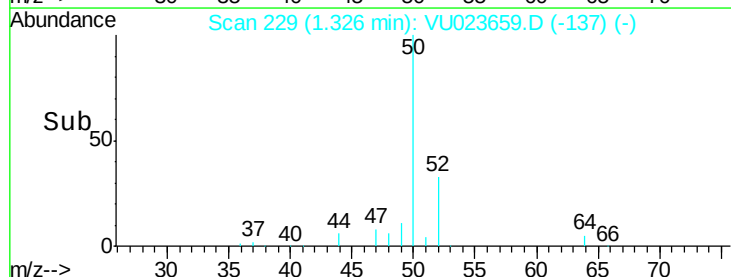
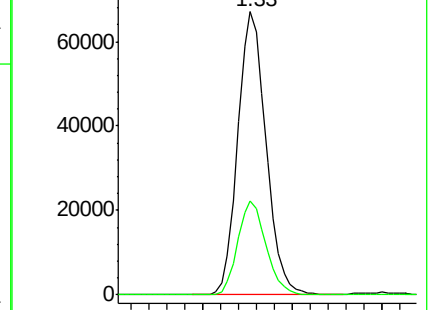
50 100

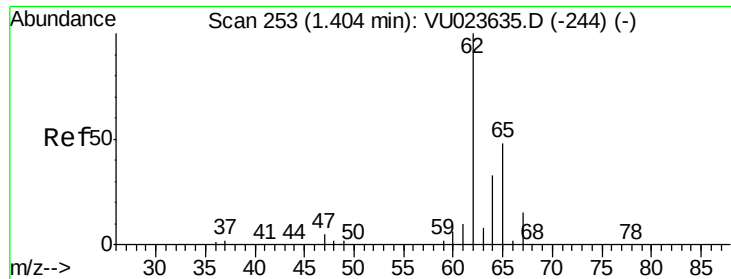
52 33.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 4.92 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU023659.D

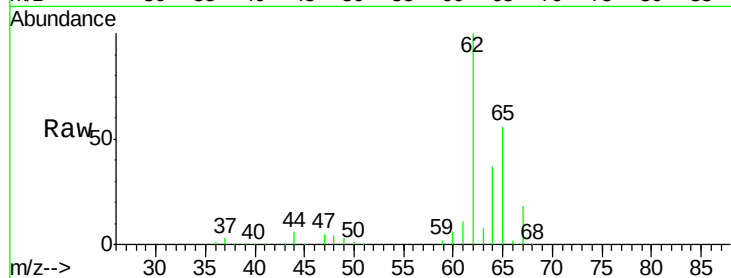
Acq: 05 May 2018 10:34

Tgt Ion: 62 Resp: 74924

Ion Ratio Lower Upper

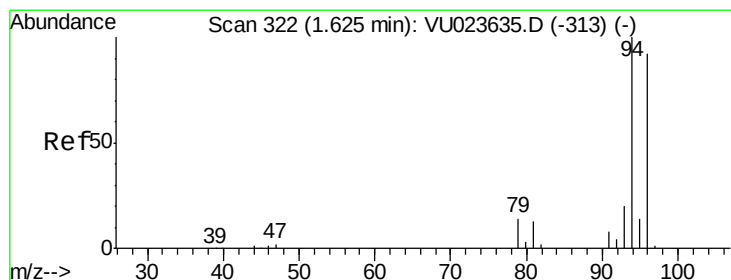
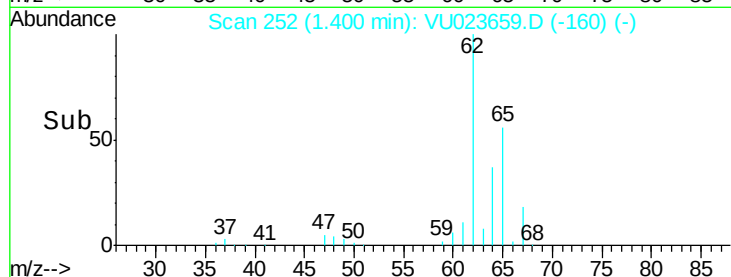
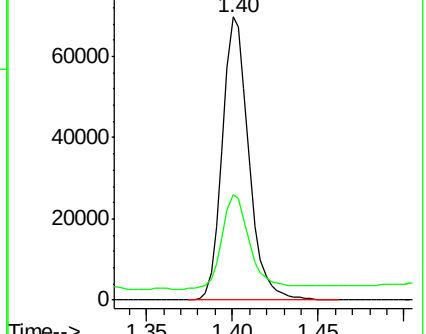
62 100

64 37.5 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 4.25 ug/L

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU023659.D

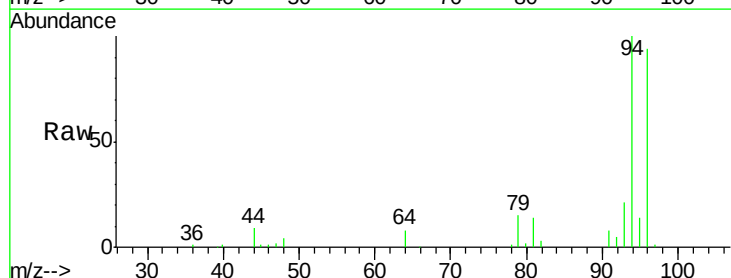
Acq: 05 May 2018 10:34

Tgt Ion: 94 Resp: 34609

Ion Ratio Lower Upper

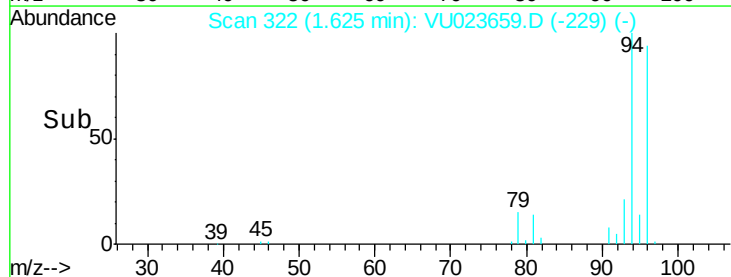
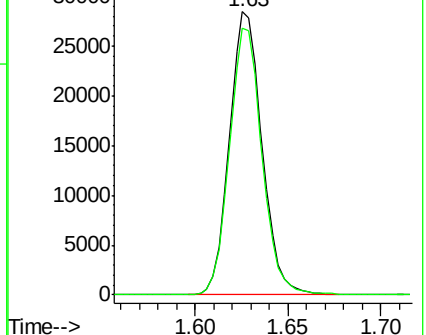
94 100

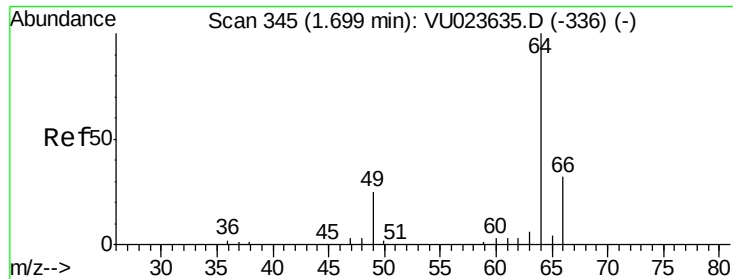
96 94.5 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

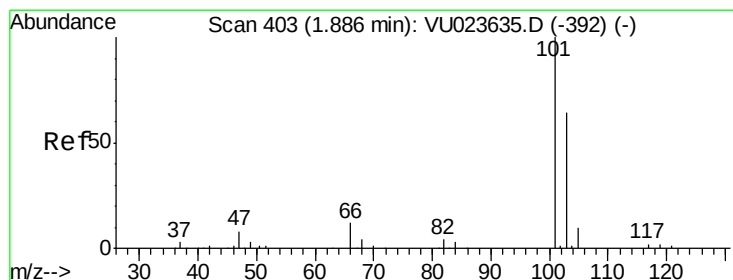
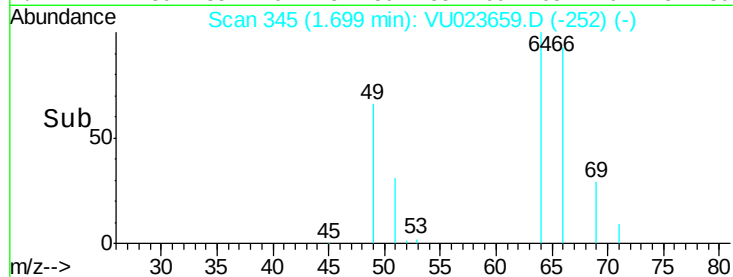
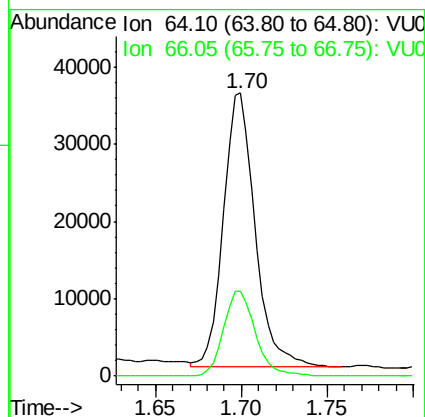
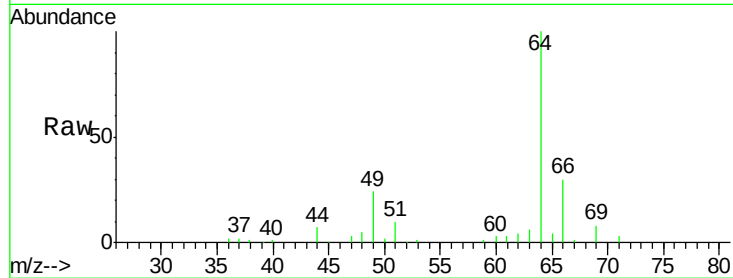
Ion 96.00 (95.70 to 96.70): VU0





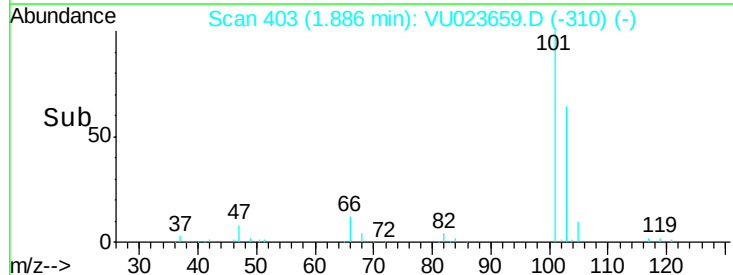
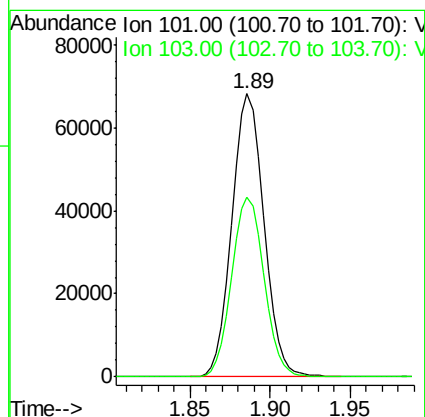
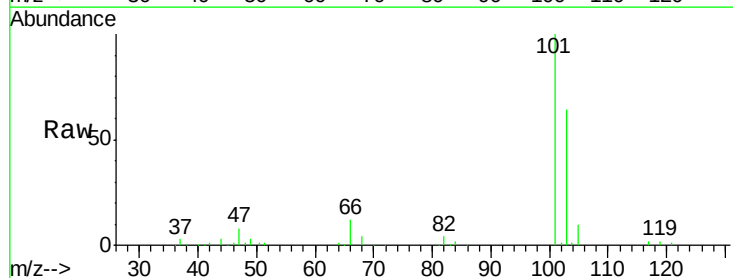
#8
 Chloroethane
 Concen: 4.93 ug/L
 RT: 1.70 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

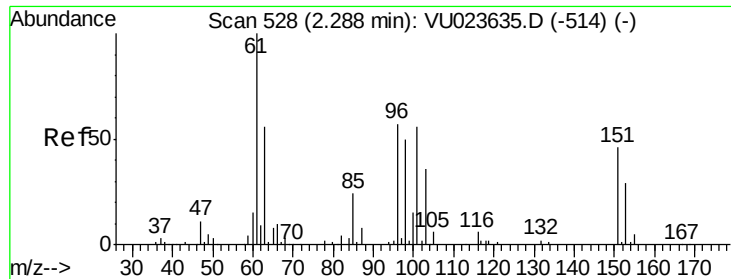
Tgt Ion: 64 Resp: 45951
 Ion Ratio Lower Upper
 64 100
 66 30.1 20.6 38.2



#9
 Trichlorofluoromethane
 Concen: 5.39 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion: 101 Resp: 92457
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9





#10

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

Concen: 5.26 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

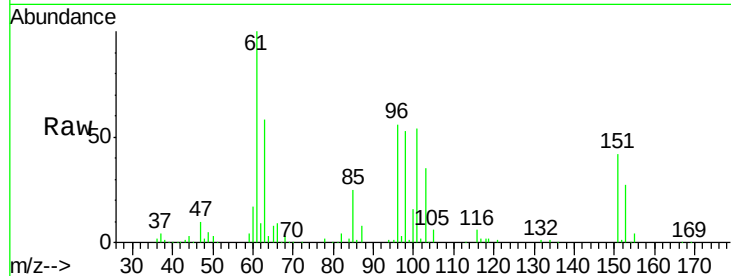
Tgt Ion: 101 Resp: 53315

Ion Ratio Lower Upper

101 100

85 44.3 34.5 51.7

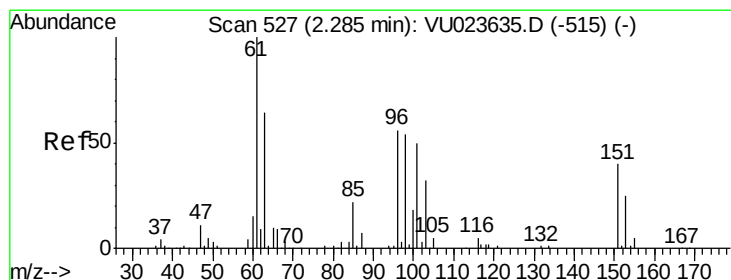
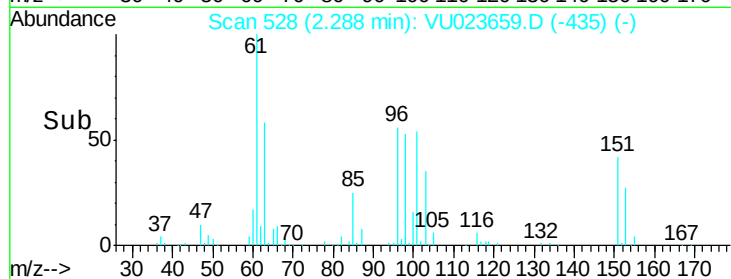
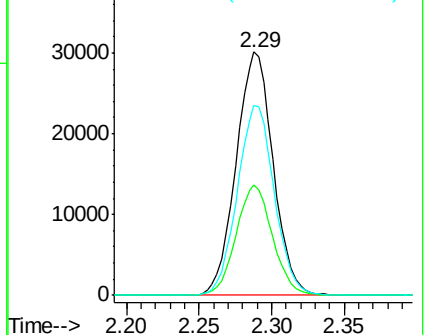
151 78.0 62.9 94.3



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: 5.11 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

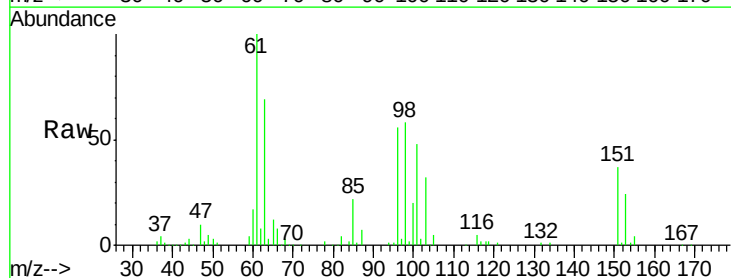
Tgt Ion: 96 Resp: 49088

Ion Ratio Lower Upper

96 100

61 180.1 127.4 236.6

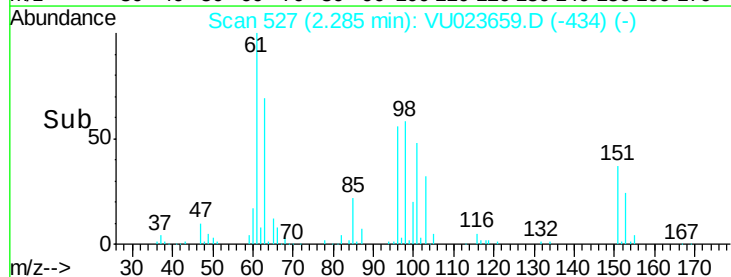
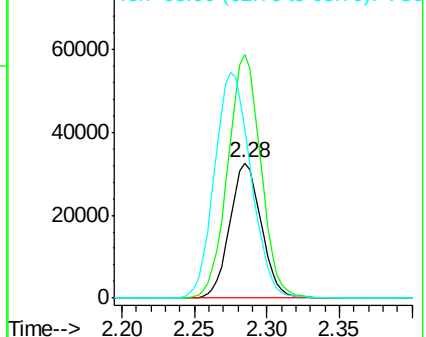
63 124.9 84.8 157.4

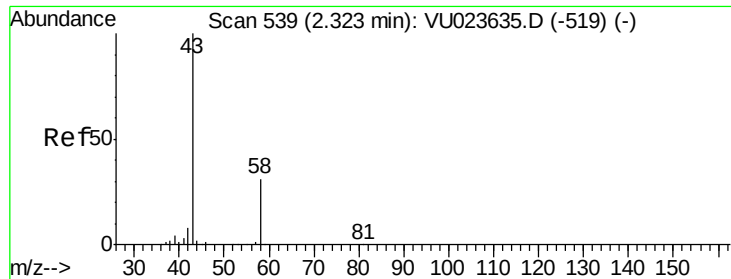


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 46.59 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023659.D

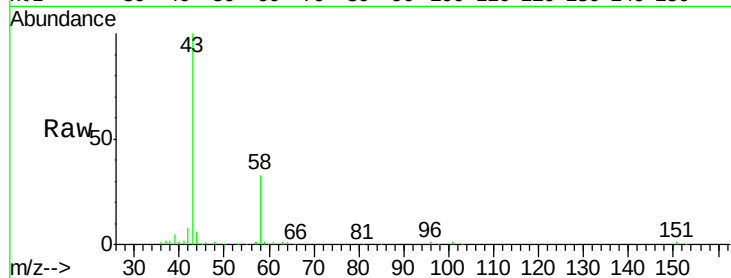
Acq: 05 May 2018 10:34

Tgt Ion: 43 Resp: 91076

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

60000

50000

40000

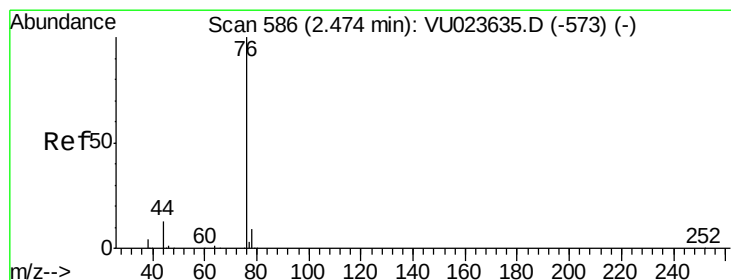
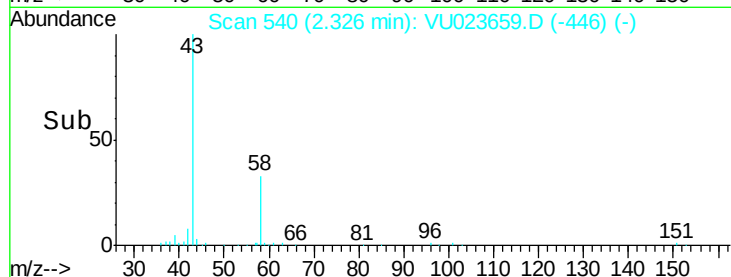
30000

20000

10000

0

Time-->



#14

Carbon disulfide

Concen: 5.00 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU023659.D

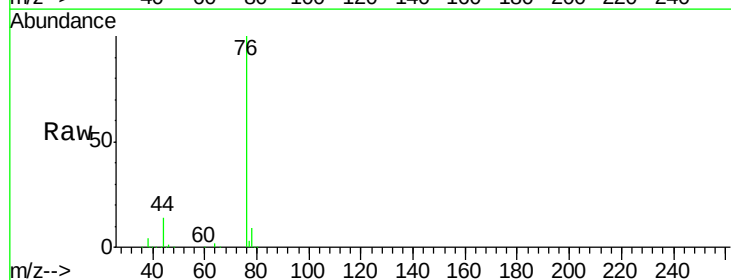
Acq: 05 May 2018 10:34

Tgt Ion: 76 Resp: 173264

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

120000

100000

80000

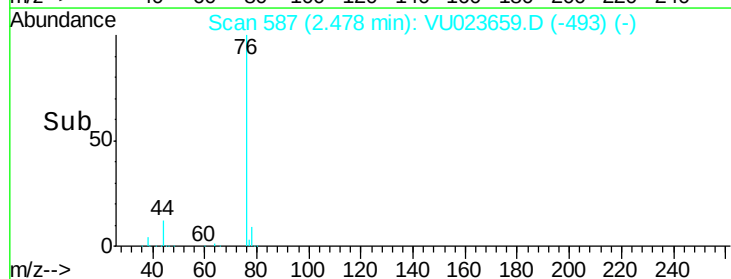
60000

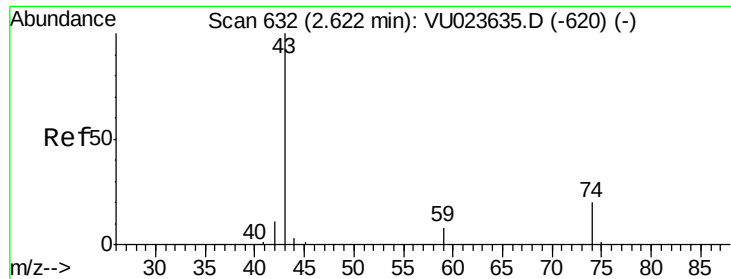
40000

20000

0

Time-->





#15

Methyl Acetate

Concen: 4.58 ug/L

RT: 2.62 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU023659.D

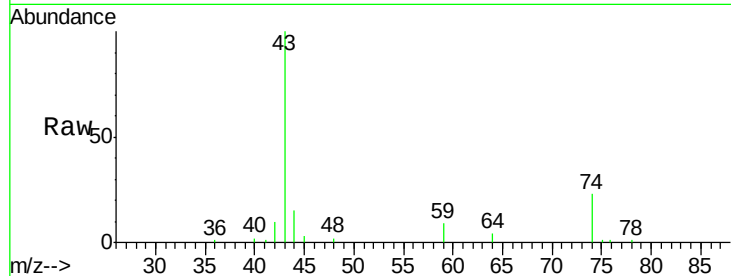
Acq: 05 May 2018 10:34

Tgt Ion: 43 Resp: 25182

Ion Ratio Lower Upper

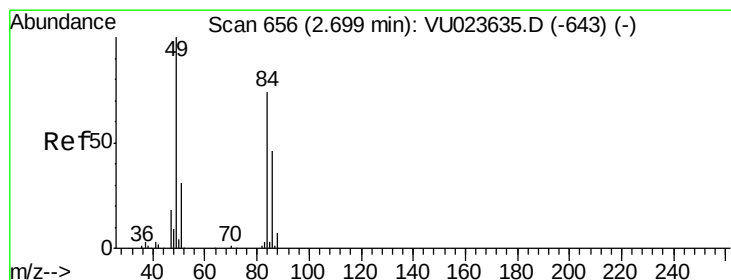
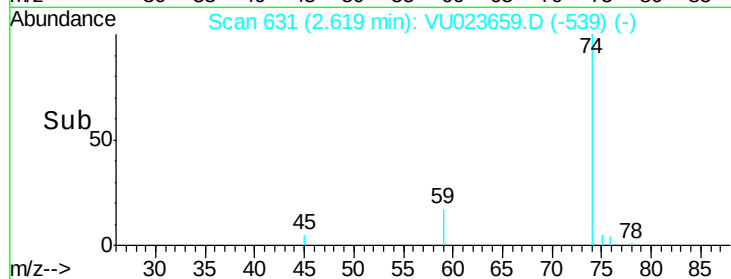
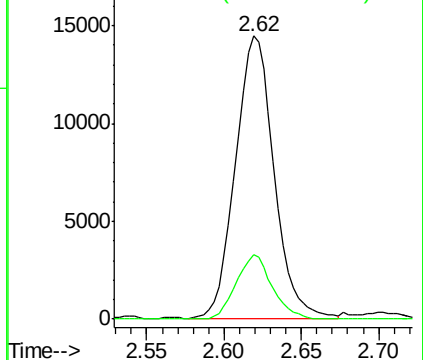
43 100

74 20.9 16.6 24.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#16

Methylene chloride

Concen: 4.99 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

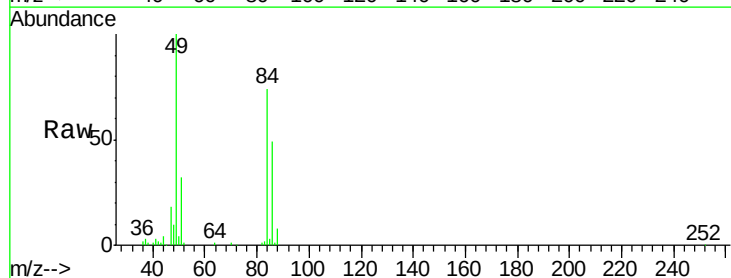
Tgt Ion: 84 Resp: 54985

Ion Ratio Lower Upper

84 100

86 66.3 46.0 85.4

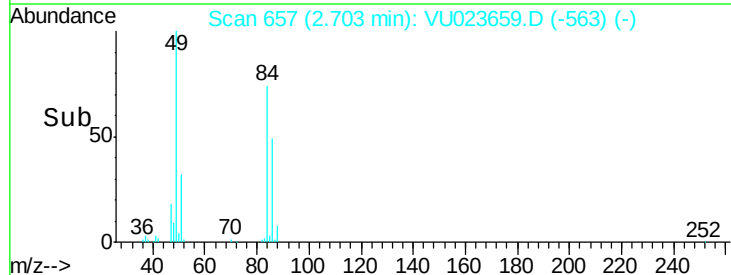
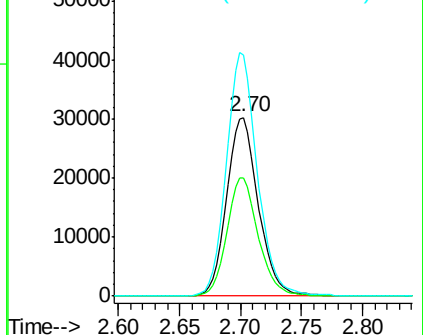
49 134.8 96.0 178.4

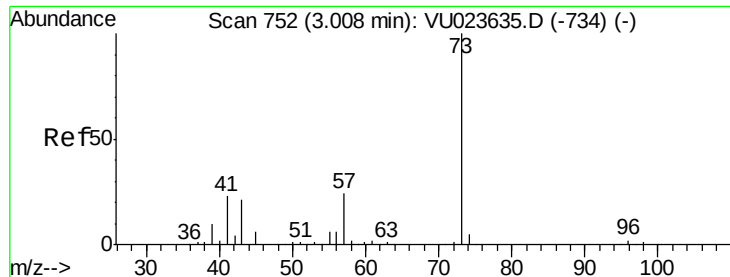


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

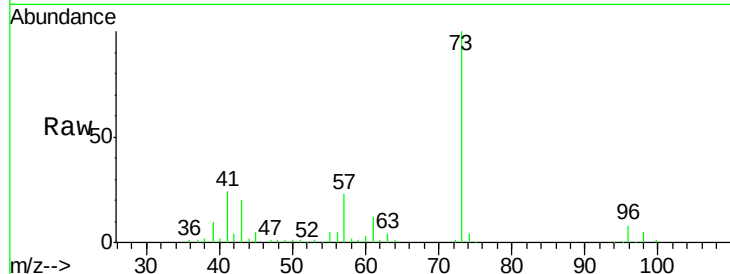
Ion 49.10 (48.80 to 49.80): VU0



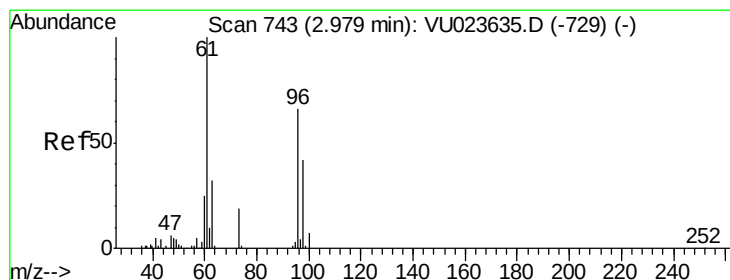
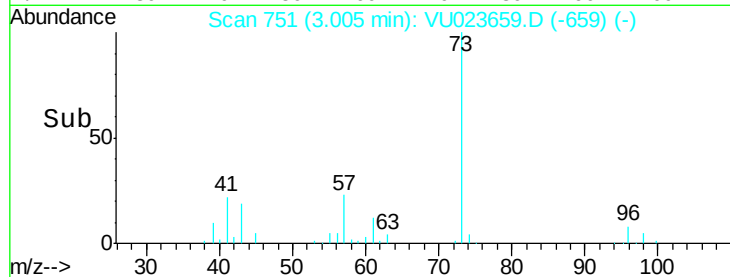
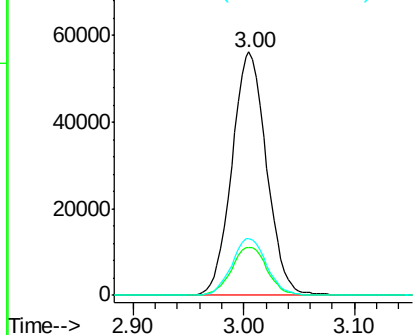


#17
Methyl tert-butyl Ether
Concen: 4.94 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:	73	Resp:	122215
Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.6	25.0
57	23.4	19.4	29.0

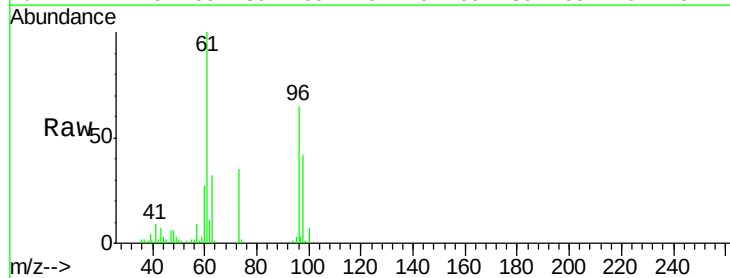


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

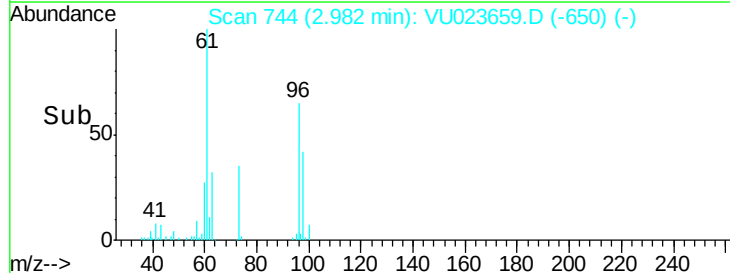
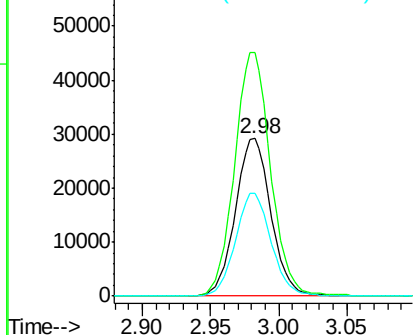


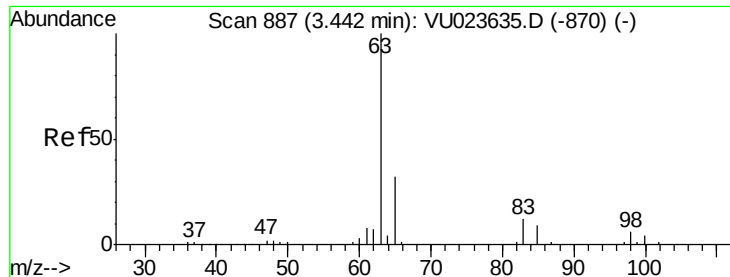
#18
trans-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:	96	Resp:	52780
Ion	Ratio	Lower	Upper
96	100		
61	154.3	109.0	202.4
98	65.5	44.7	83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 5.72 ug/L

RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

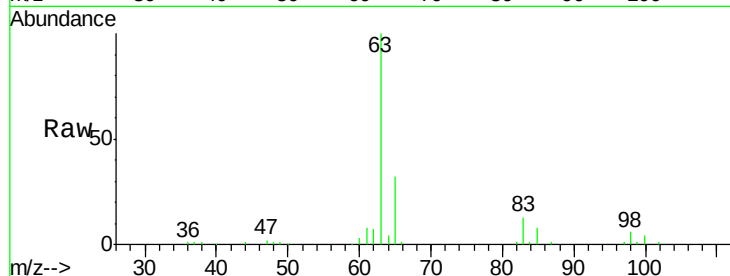
Tgt Ion: 63 Resp: 115046

Ion Ratio Lower Upper

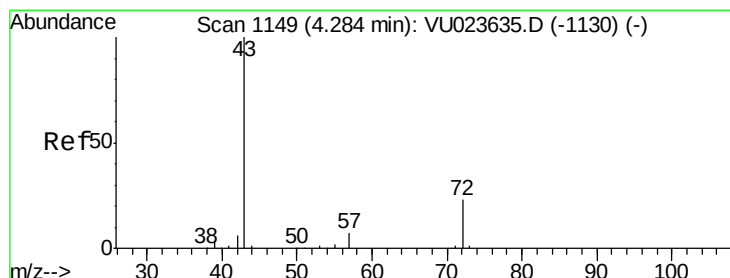
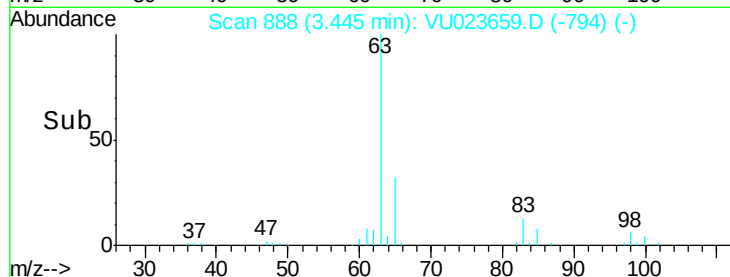
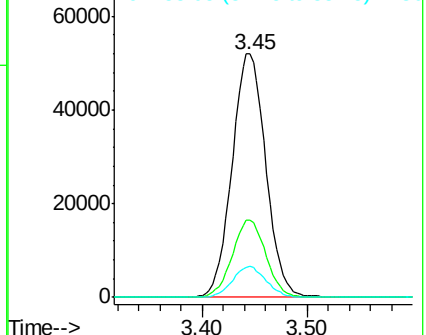
63 100

65 31.9 22.0 41.0

83 12.5 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0



#21

2-Butanone

Concen: 43.42 ug/L

RT: 4.28 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VU023659.D

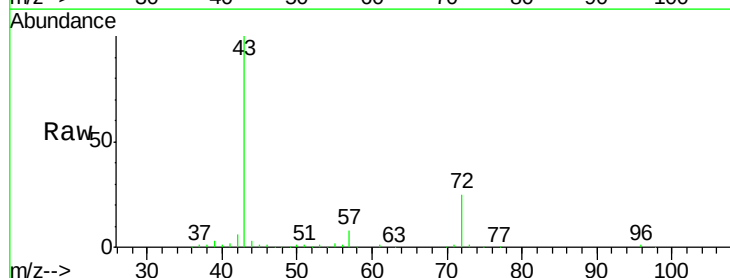
Acq: 05 May 2018 10:34

Tgt Ion: 43 Resp: 156987

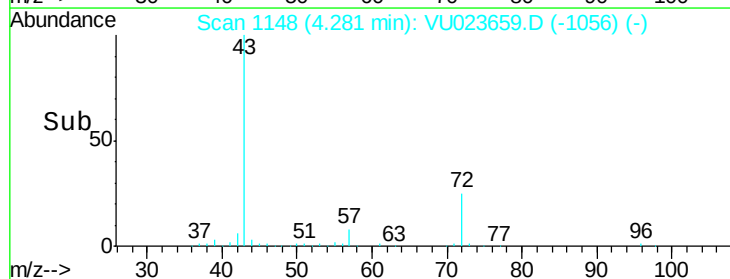
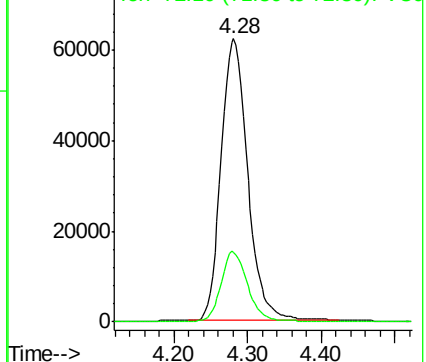
Ion Ratio Lower Upper

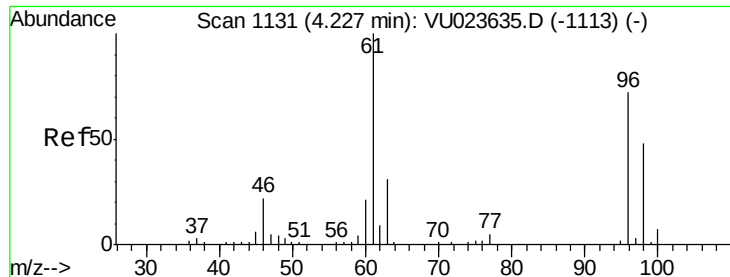
43 100

72 25.1 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 4.97 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

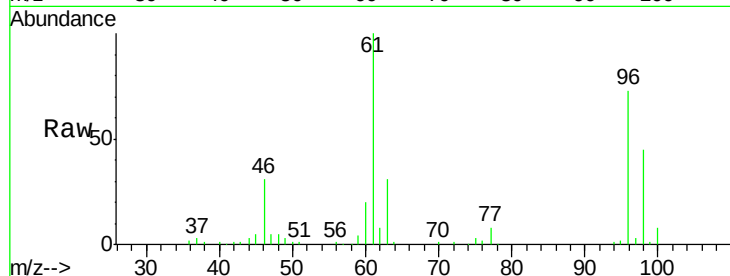
Tgt Ion: 96 Resp: 62647

Ion Ratio Lower Upper

96 100

61 137.5 94.6 175.6

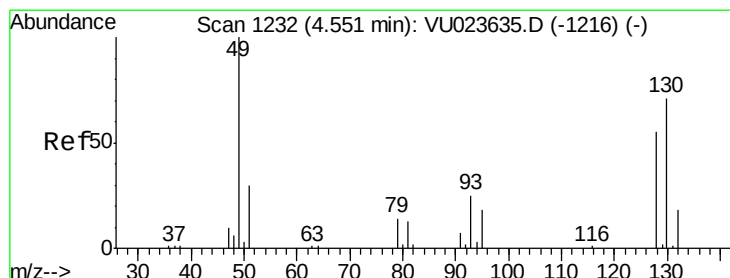
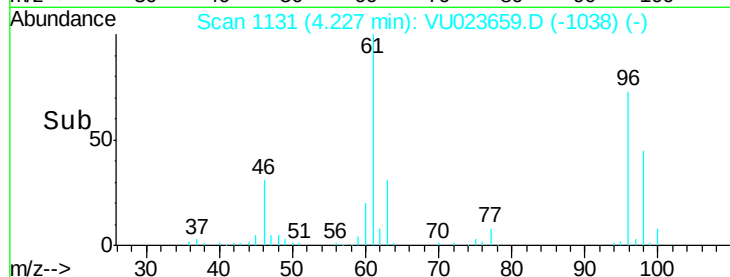
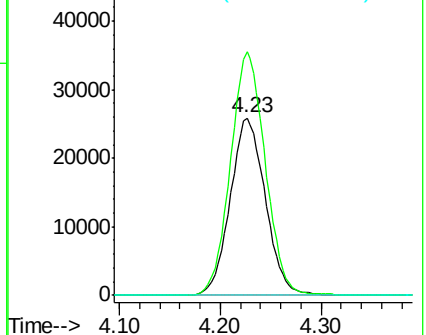
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 4.92 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

Tgt Ion: 128 Resp: 26854

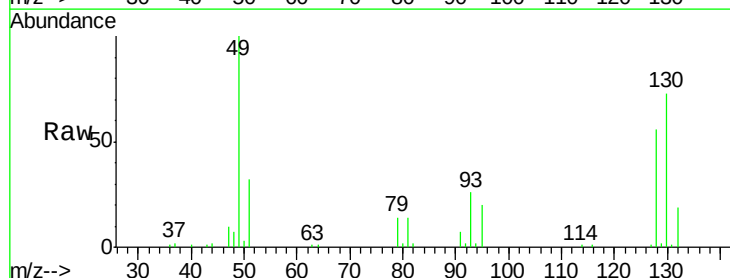
Ion Ratio Lower Upper

128 100

49 178.9 126.5 234.9

130 130.4 90.4 168.0

51 57.4 44.6 66.8

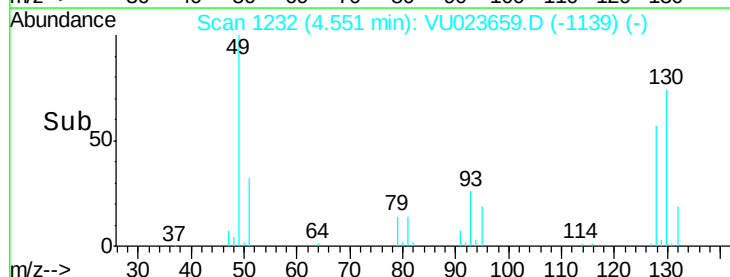
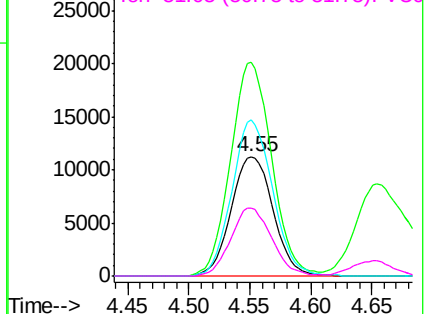


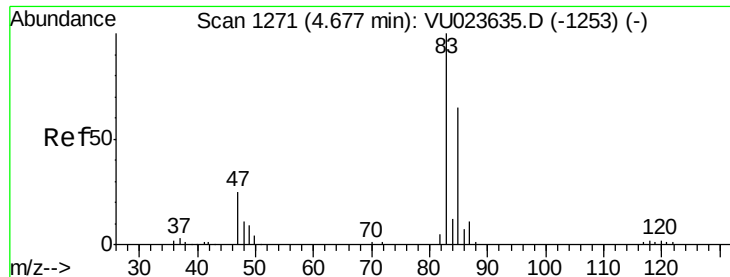
Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

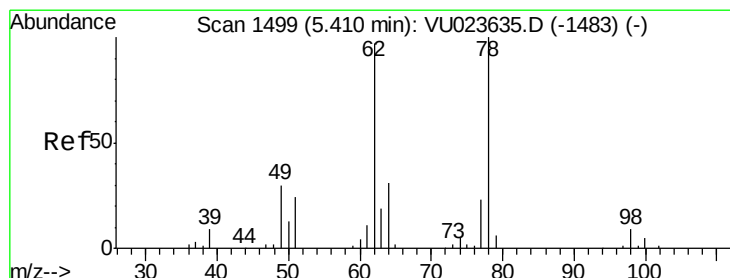
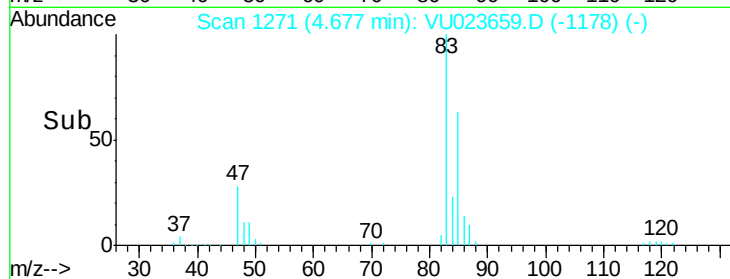
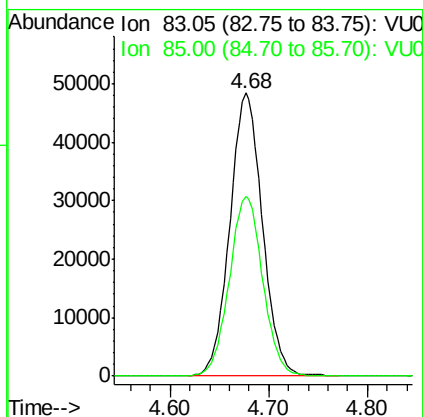
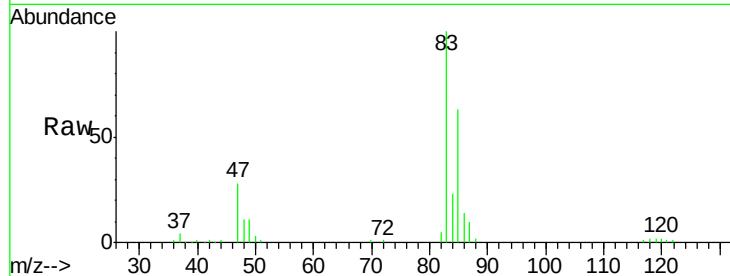
Ion 51.05 (50.75 to 51.75): VU0





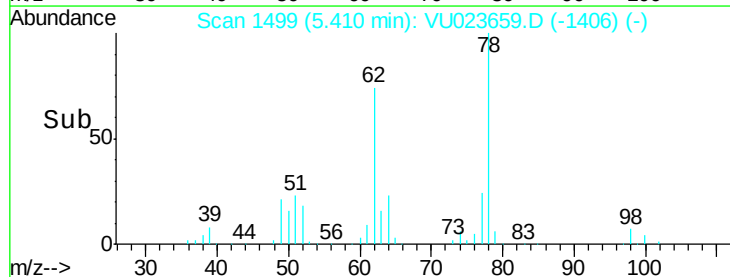
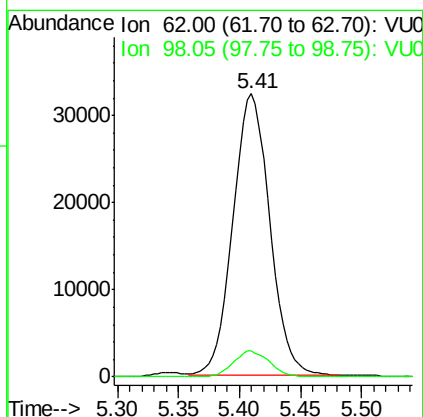
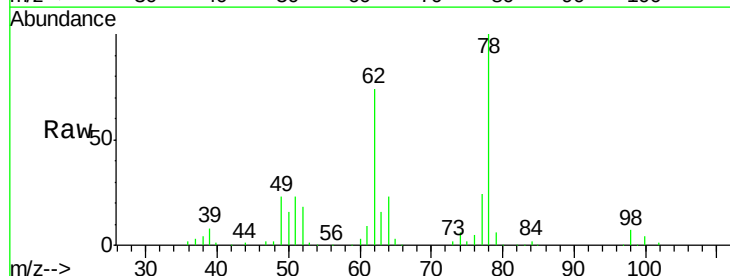
#25
Chloroform
Concen: 5.11 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

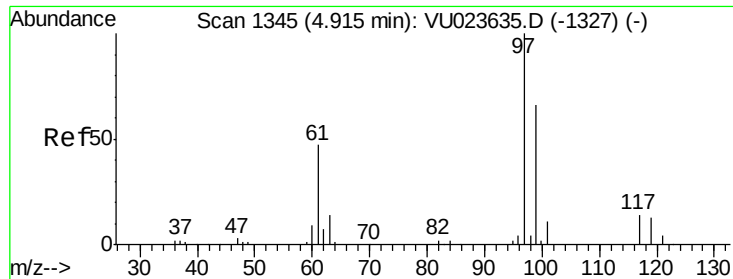
Tgt Ion: 83 Resp: 111357
Ion Ratio Lower Upper
83 100
85 63.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.88 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion: 62 Resp: 67752
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.03 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

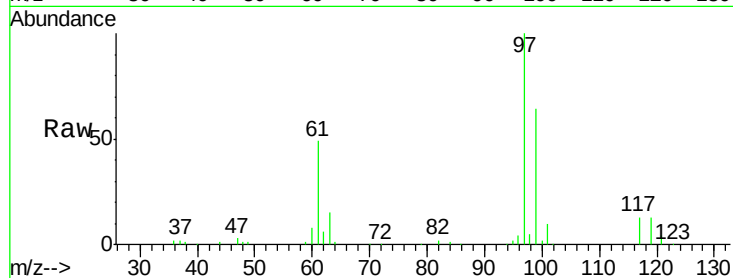
Tgt Ion: 97 Resp: 88623

Ion Ratio Lower Upper

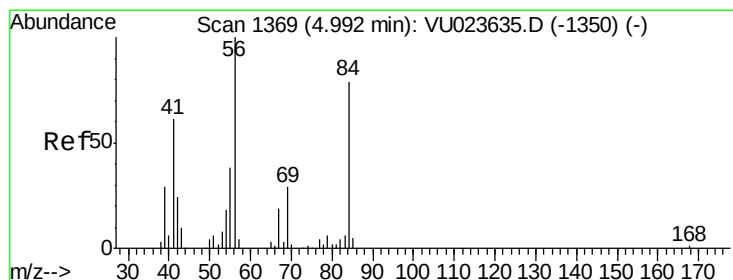
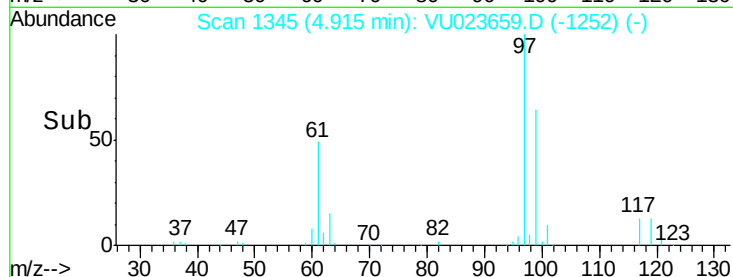
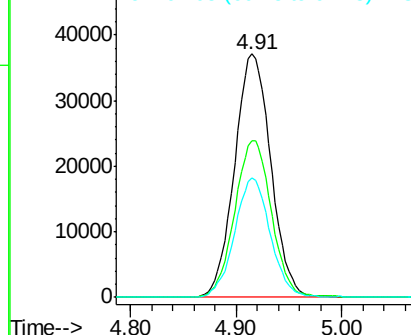
97 100

99 65.4 52.2 78.2

61 48.1 37.8 56.6



Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 4.70 ug/L

RT: 5.00 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

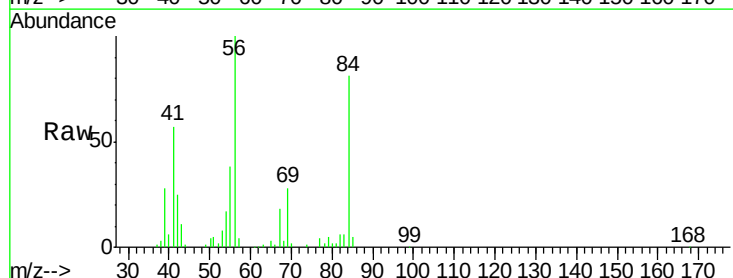
Tgt Ion: 56 Resp: 94054

Ion Ratio Lower Upper

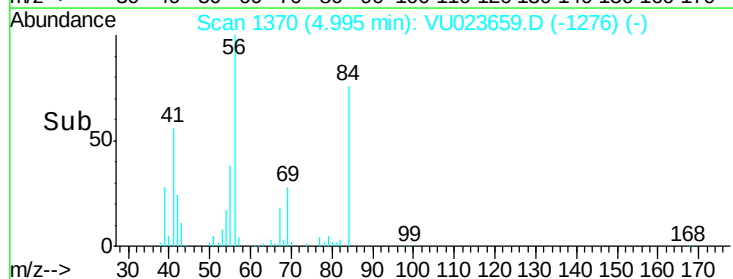
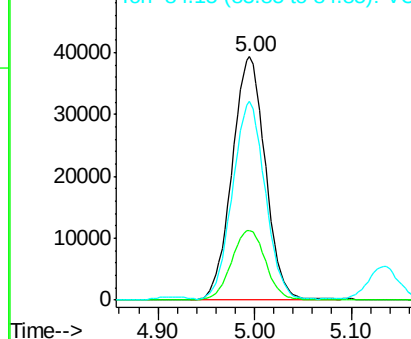
56 100

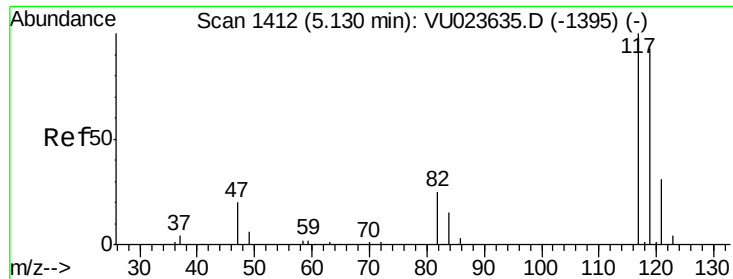
69 29.1 23.6 35.4

84 80.7 64.4 96.6



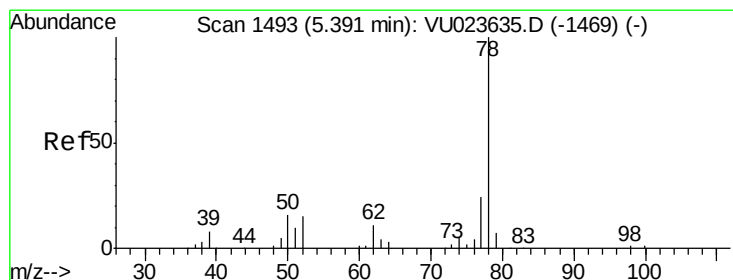
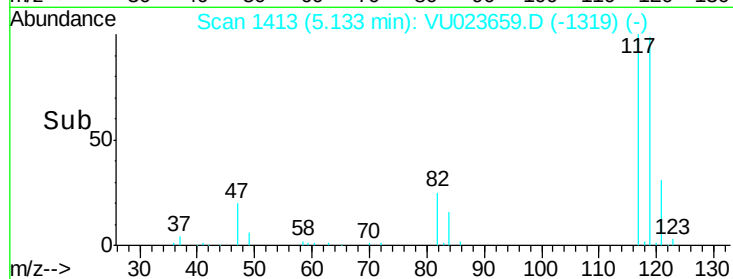
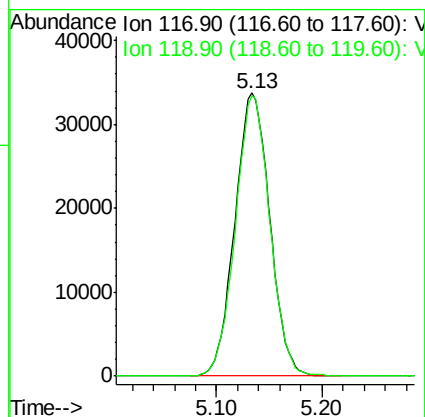
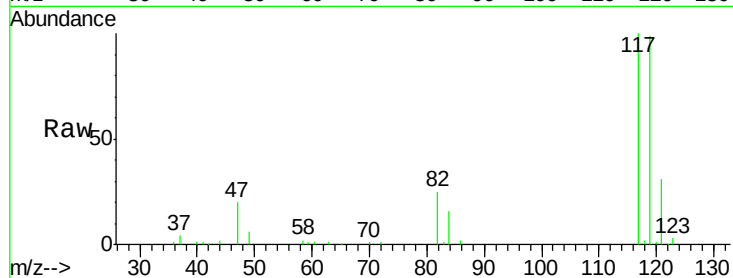
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0





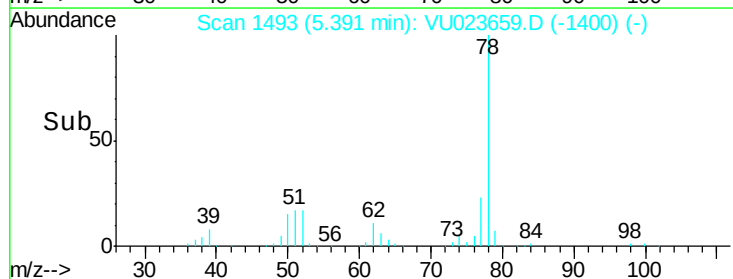
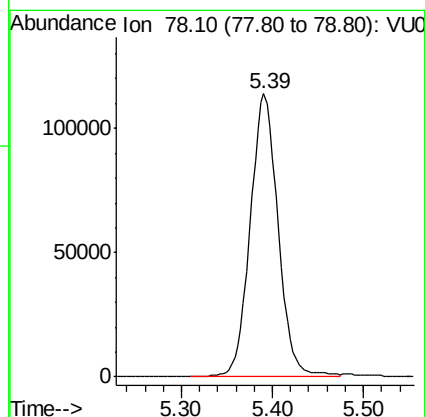
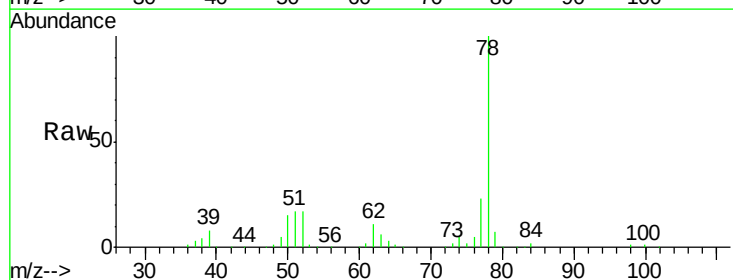
#31
Carbon tetrachloride
Concen: 5.29 ug/L
RT: 5.13 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

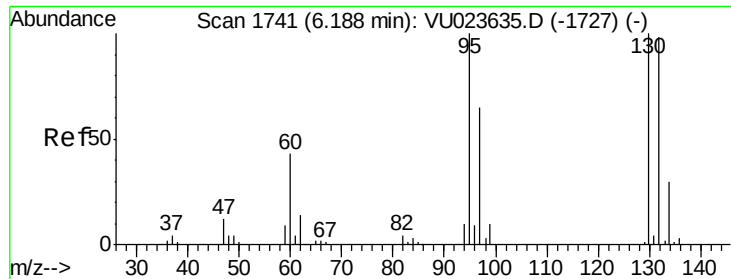
Tgt Ion: 117 Resp: 77700
Ion Ratio Lower Upper
117 100
119 97.5 76.0 114.0



#33
Benzene
Concen: 4.94 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

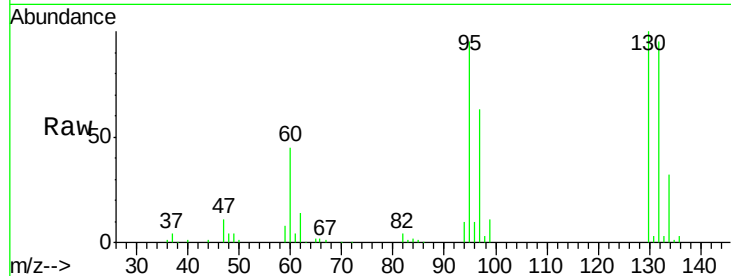
Tgt Ion: 78 Resp: 242885



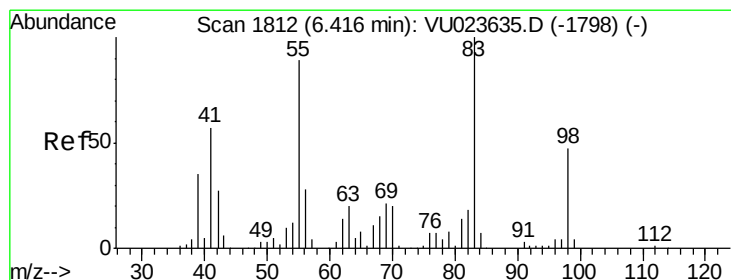
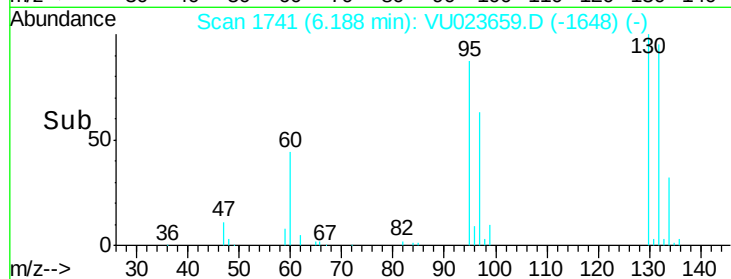
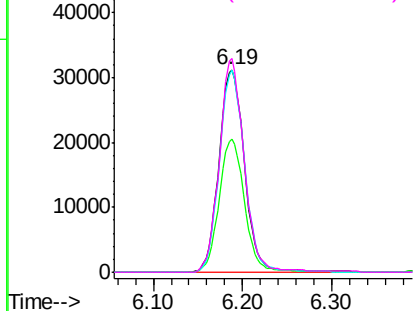


#34
 Trichloroethene
 Concen: 4.86 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion:	95	Resp:	62248
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.0	85.4
132	99.8	68.1	126.5
130	105.3	70.1	130.1

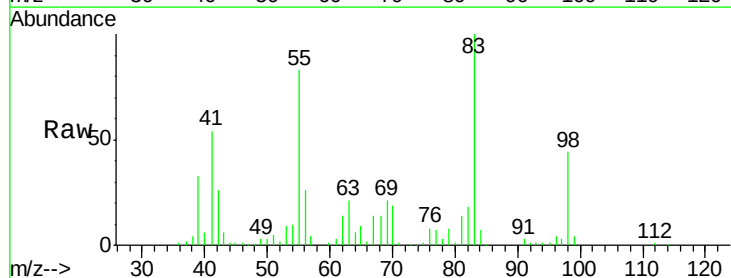


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

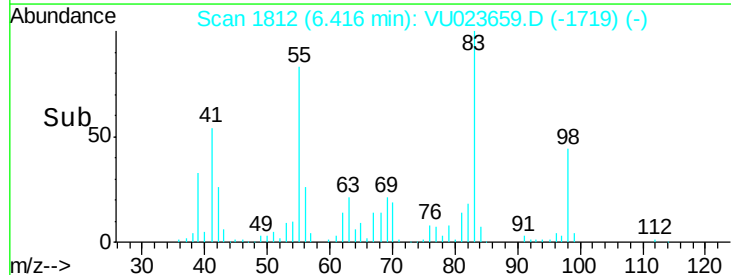
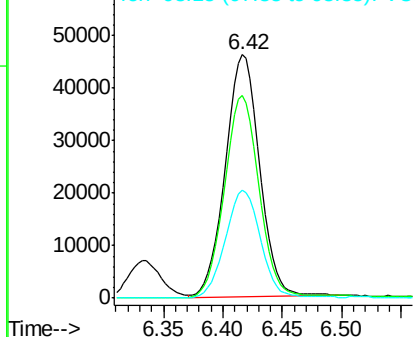


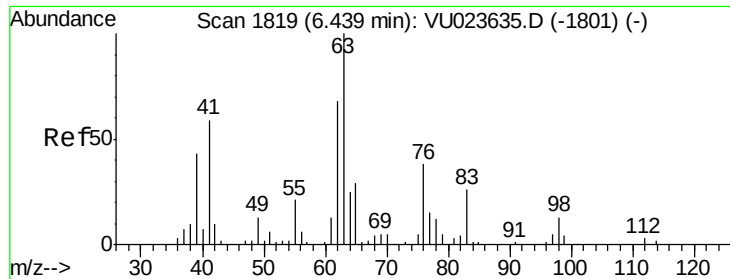
#35
 Methylcyclohexane
 Concen: 4.74 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion:	83	Resp:	92076
Ion	Ratio	Lower	Upper
83	100		
55	85.4	68.4	102.6
98	46.1	36.7	55.1



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 4.82 ug/L

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU023659.D

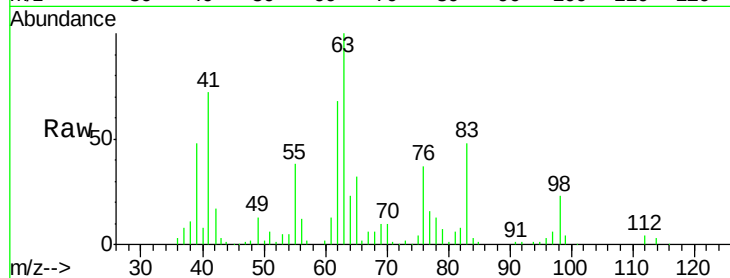
Acq: 05 May 2018 10:34

Tgt Ion: 63 Resp: 65893

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4

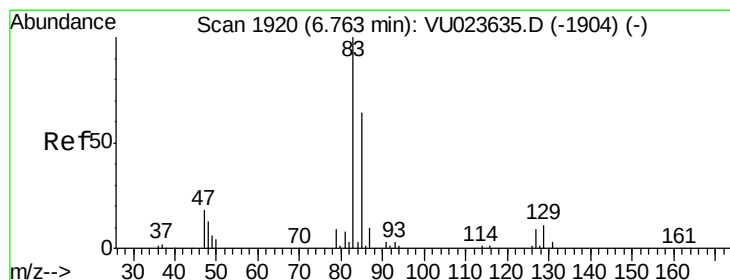
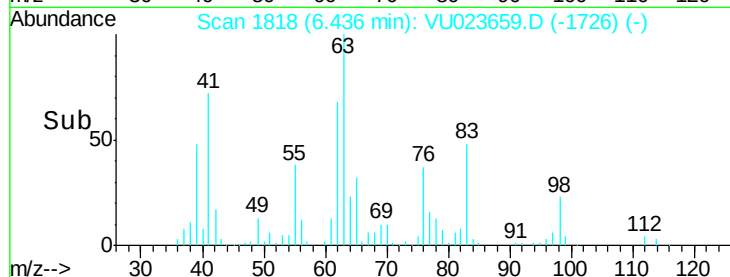


Abundance Ion 63.10 (62.80 to 63.80): VU023635.D (-1801) (-)

Ion 112.10 (111.80 to 112.80): VU023635.D (-1801) (-)

6.44

Time-->



#38

Bromodichloromethane

Concen: 5.10 ug/L

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

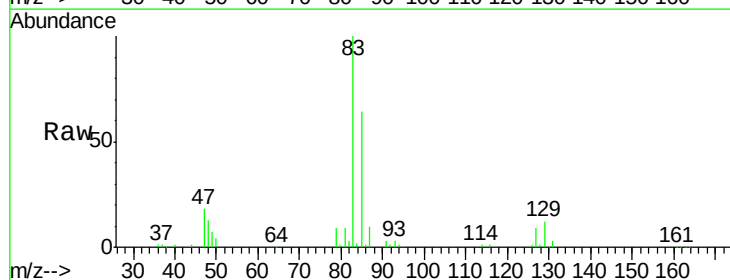
Tgt Ion: 83 Resp: 76468

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.7

127 8.8 6.7 10.1



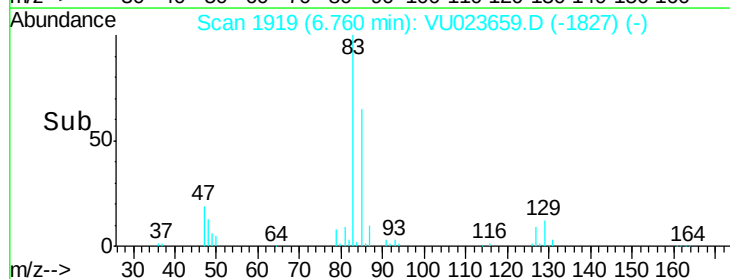
Abundance Ion 82.95 (82.65 to 83.65): VU023635.D (-1904) (-)

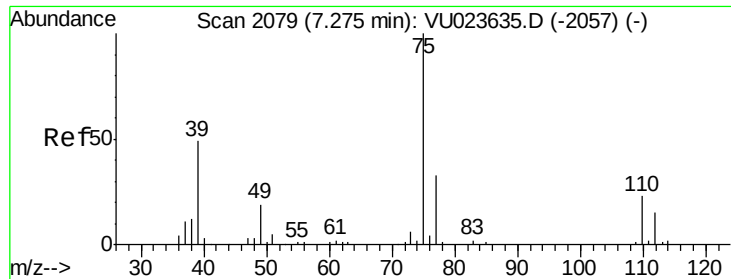
Ion 85.00 (84.70 to 85.70): VU023635.D (-1904) (-)

Ion 126.90 (126.60 to 127.60): VU023635.D (-1904) (-)

6.76

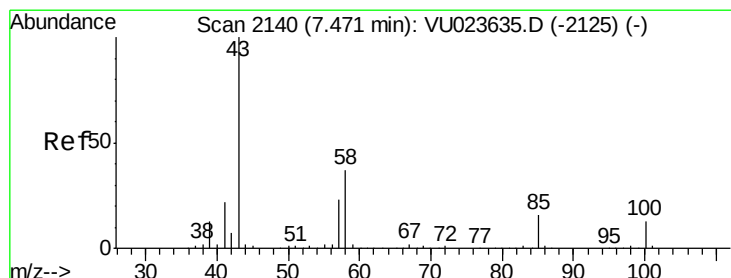
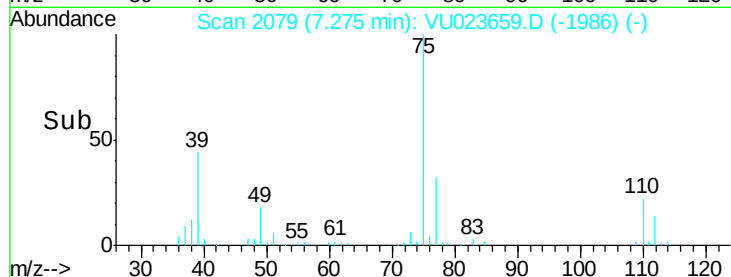
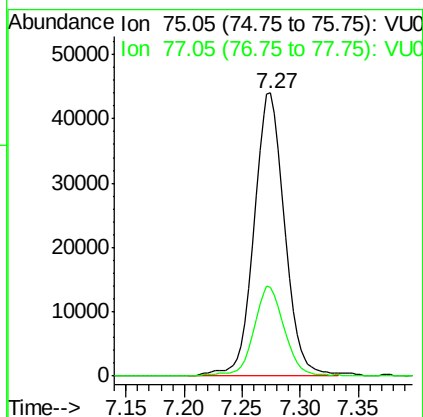
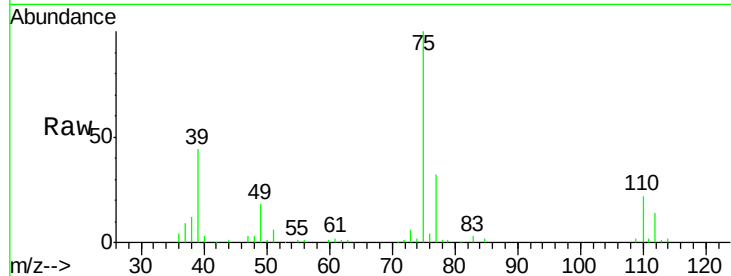
Time-->





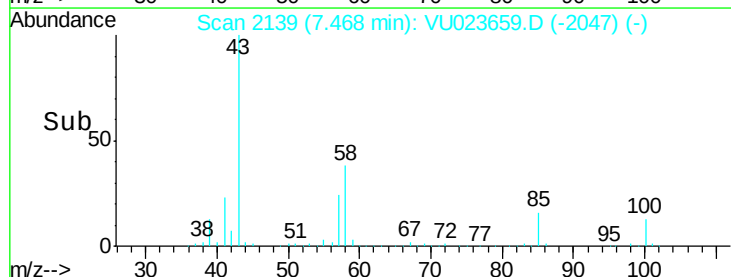
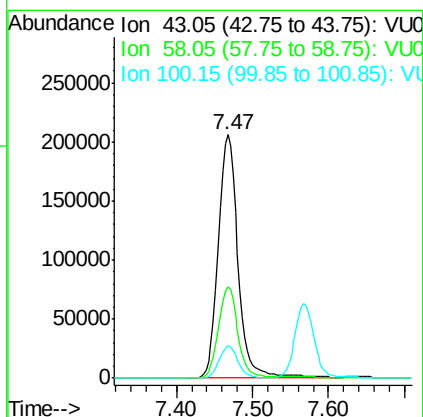
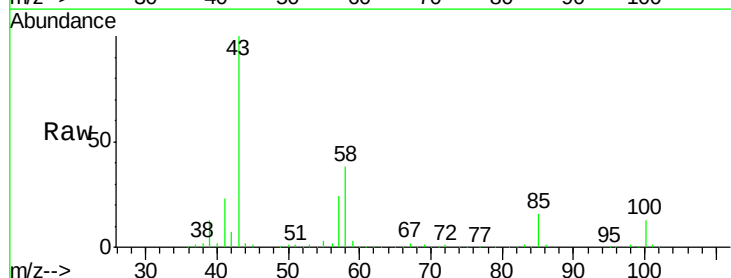
#39
 cis-1,3-Dichloropropene
 Concen: 4.78 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

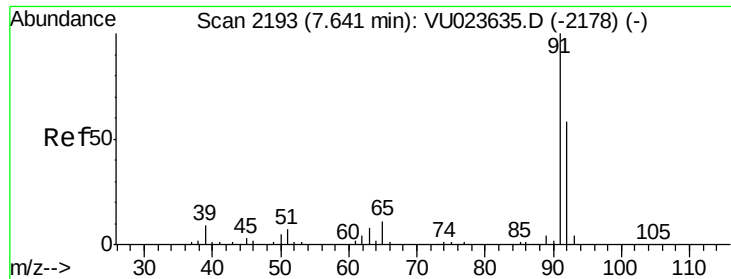
Tgt Ion: 75 Resp: 81502
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 44.63 ug/L
 RT: 7.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion: 43 Resp: 371814
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5
 100 12.7 10.1 15.1





#42

Toluene

Concen: 5.14 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU023659.D

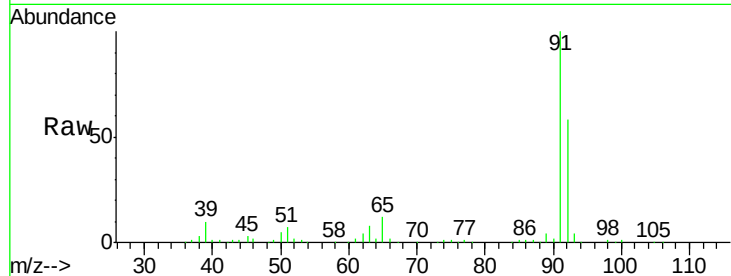
Acq: 05 May 2018 10:34

Tgt Ion: 91 Resp: 257099

Ion Ratio Lower Upper

91 100

92 58.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

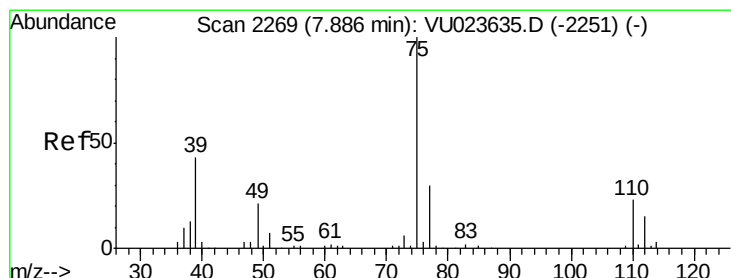
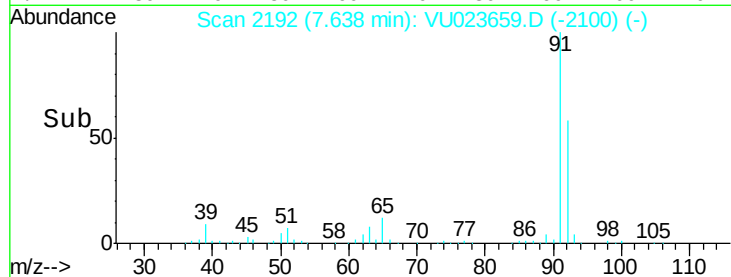
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#44

trans-1,3-Dichloropropene

Concen: 4.77 ug/L

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU023659.D

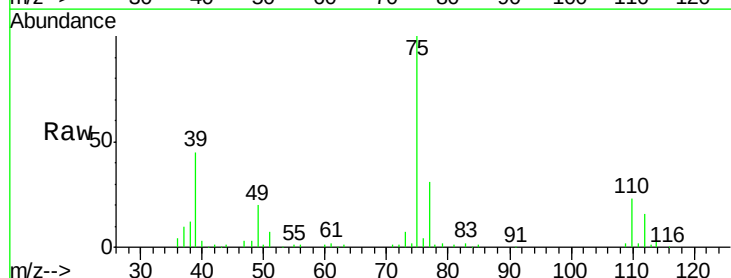
Acq: 05 May 2018 10:34

Tgt Ion: 75 Resp: 66394

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.88

40000

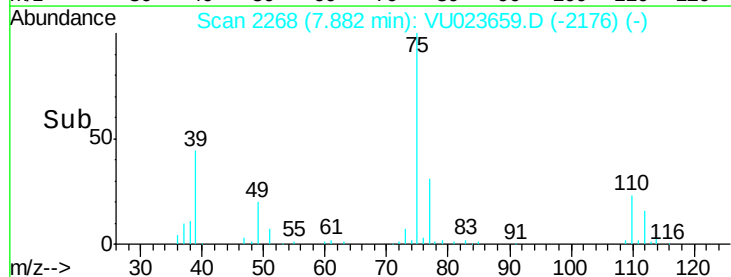
30000

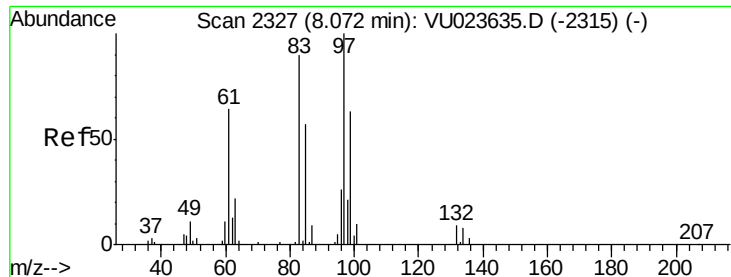
20000

10000

0

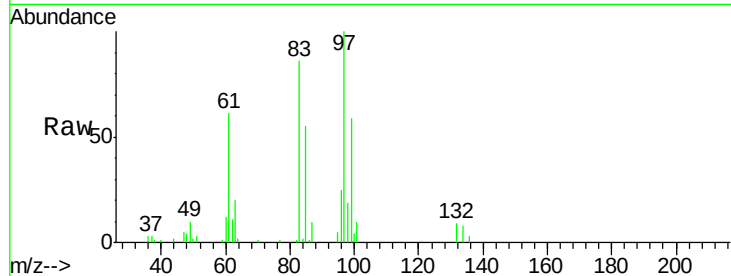
Time--> 7.80 7.85 7.90 7.95



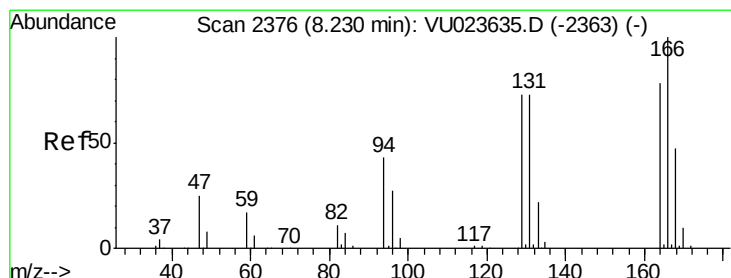
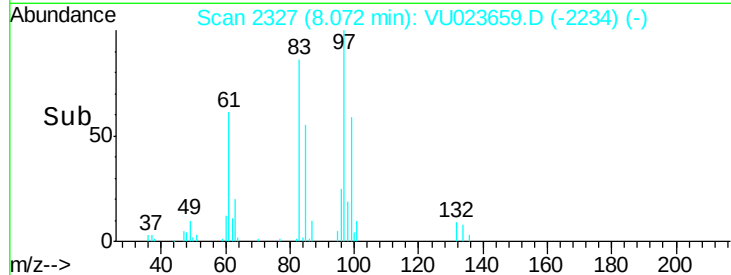
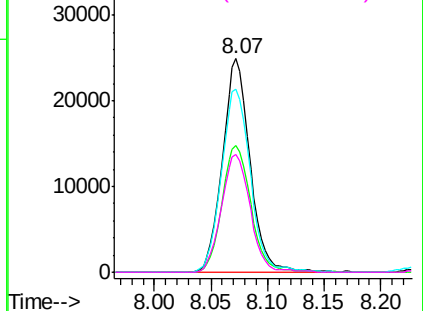


#45
 1,1,2-Trichloroethane
 Concen: 4.93 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion:	97	Resp:	42301
Ion	Ratio	Lower	Upper
97	100		
99	59.3	44.0	81.8
83	85.9	61.6	114.4
85	55.0	41.8	77.6

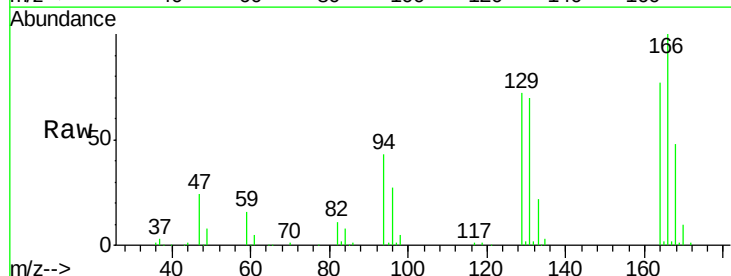


Abundance Ion 96.95 (96.65 to 97.65): VU023659.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023659.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023659.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023659.D (-2234) (-)

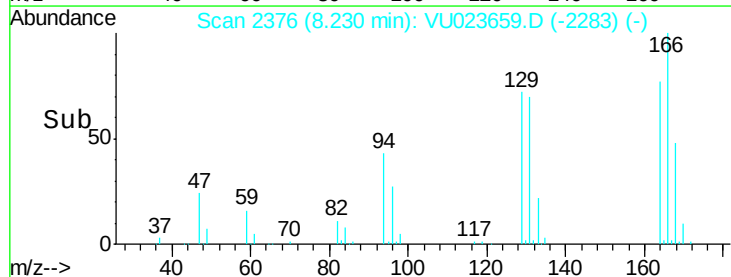
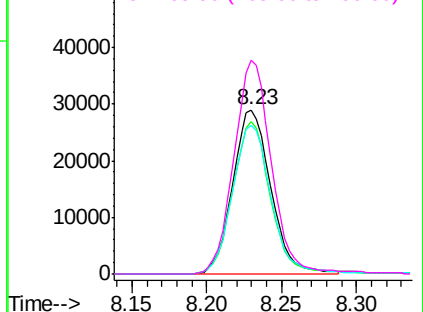


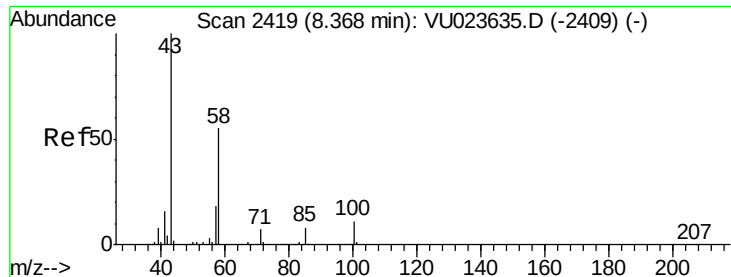
#47
 Tetrachloroethene
 Concen: 5.07 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion:	164	Resp:	51394
Ion	Ratio	Lower	Upper
164	100		
129	92.9	64.4	119.6
131	90.6	63.9	118.7
166	129.8	90.0	167.2



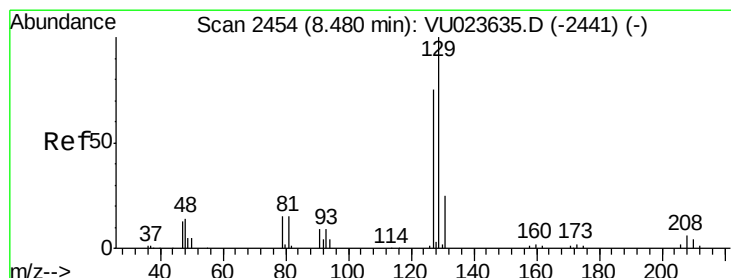
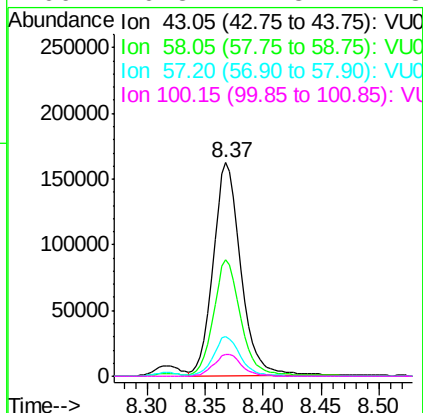
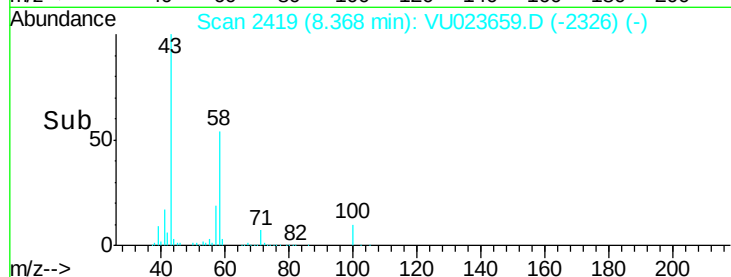
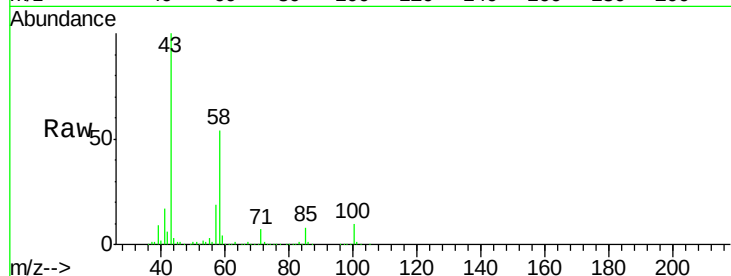
Abundance Ion 163.90 (163.60 to 164.60): VU023659.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023659.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023659.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023659.D (-2283) (-)





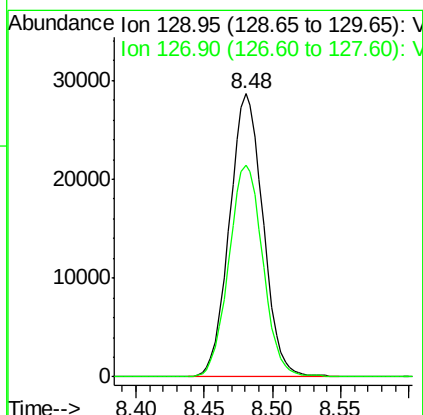
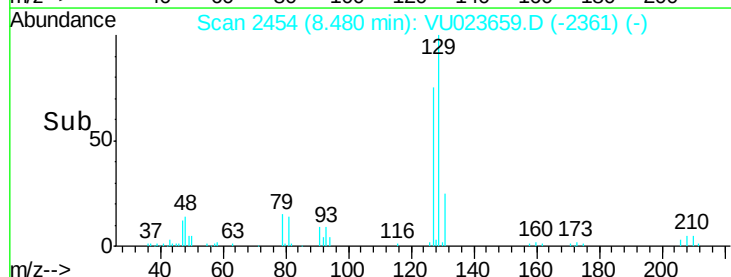
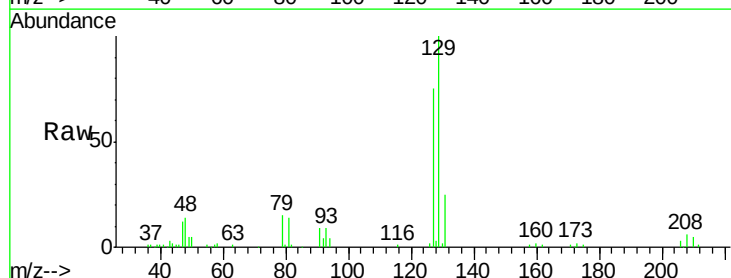
#48
2-Hexanone
Concen: 44.65 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

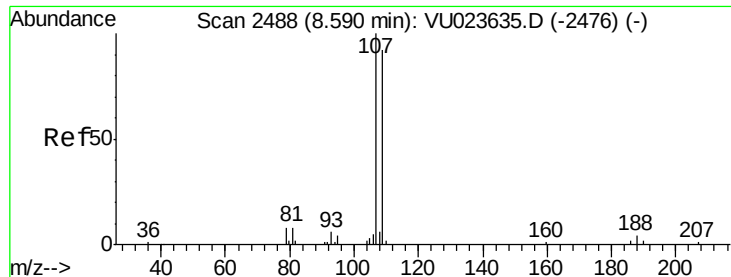
Tgt Ion:	43	Resp:	269411
Ion	Ratio	Lower	Upper
43	100		
58	54.1	42.1	63.1
57	17.9	14.3	21.5
100	10.3	7.8	11.8



#49
Dibromochloromethane
Concen: 4.99 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

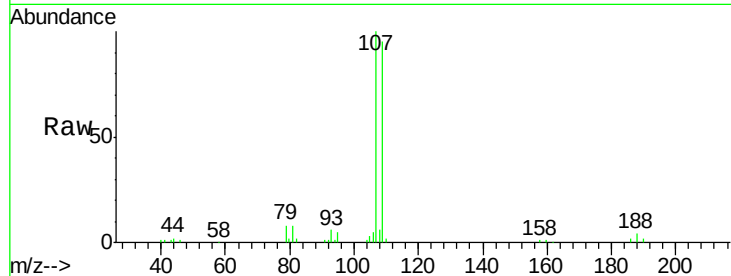
Tgt Ion:	129	Resp:	49003
Ion	Ratio	Lower	Upper
129	100		
127	74.8	56.9	105.7



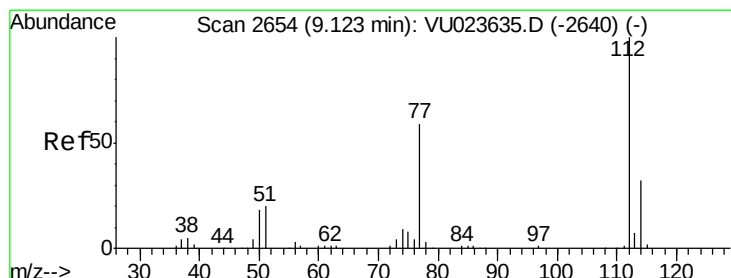
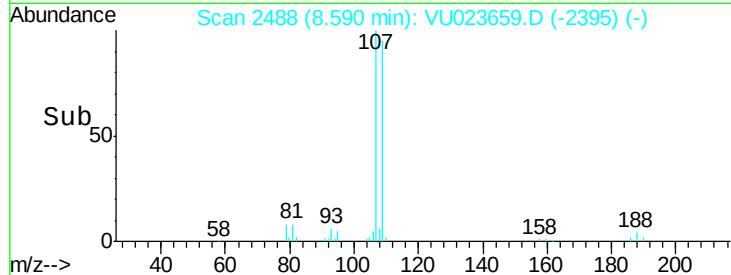
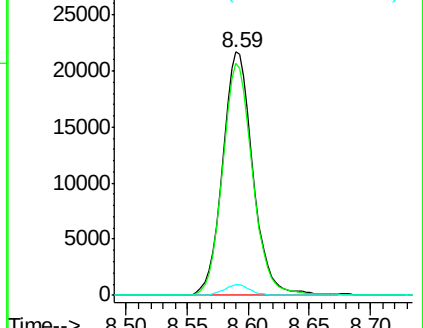


#50
1,2-Dibromoethane
Concen: 4.72 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:107 Resp: 37824
Ion Ratio Lower Upper
107 100
109 95.3 68.4 127.0
188 4.1 3.0 4.4

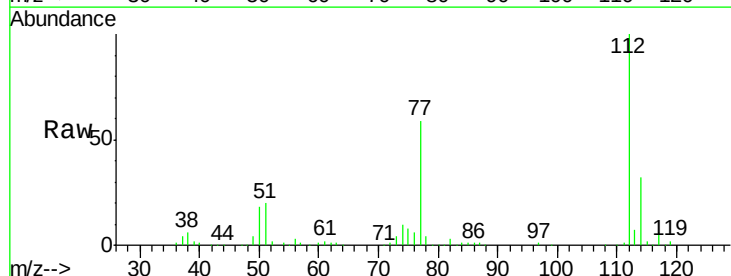


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

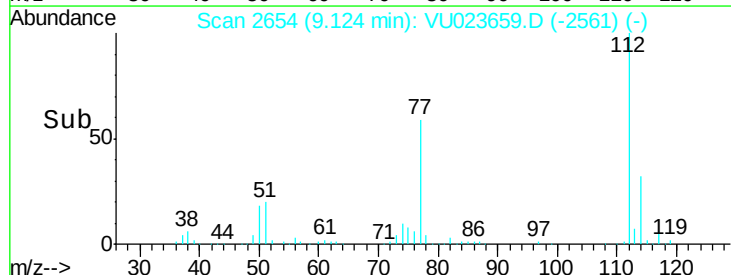
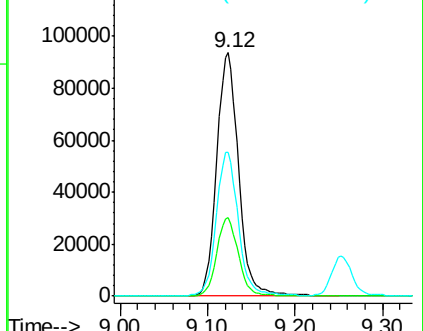


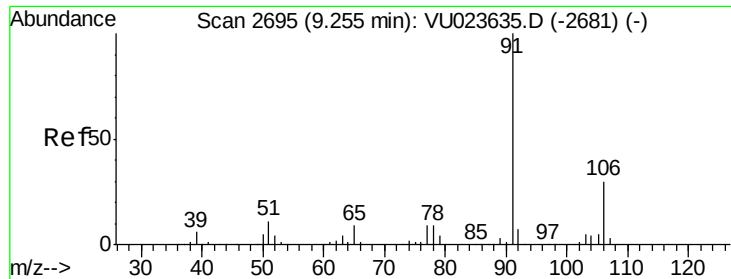
#51
Chlorobenzene
Concen: 4.97 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:112 Resp: 163040
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 59.2 48.8 73.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 4.92 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023659.D

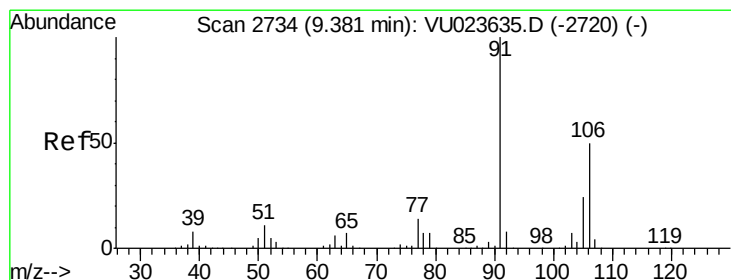
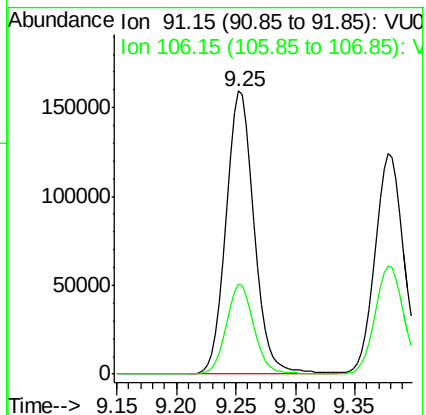
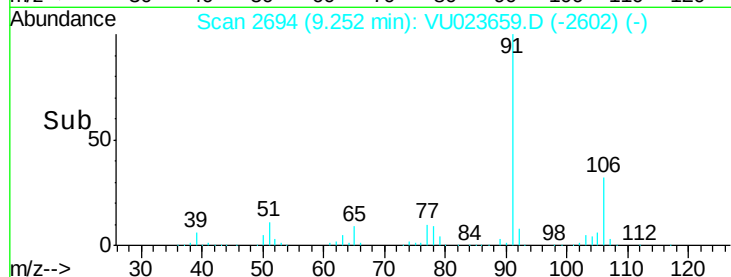
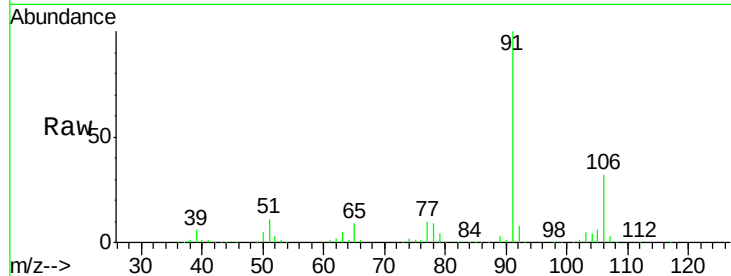
Acq: 05 May 2018 10:34

Tgt Ion: 91 Resp: 261570

Ion Ratio Lower Upper

91 100

106 31.7 21.1 39.1



#53

m,p-xylene

Concen: 5.13 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023659.D

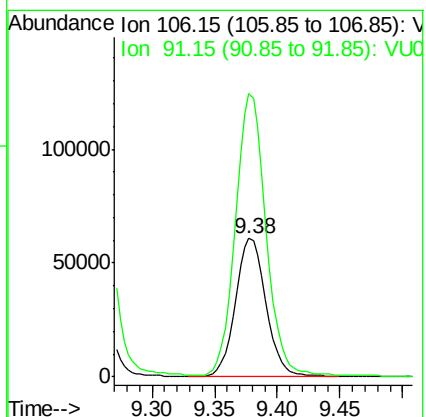
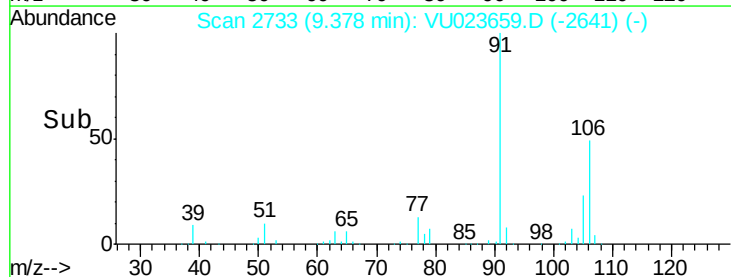
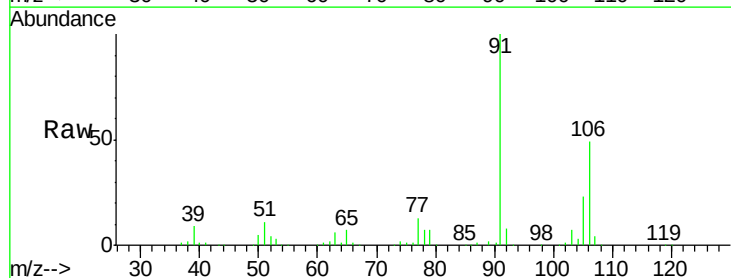
Acq: 05 May 2018 10:34

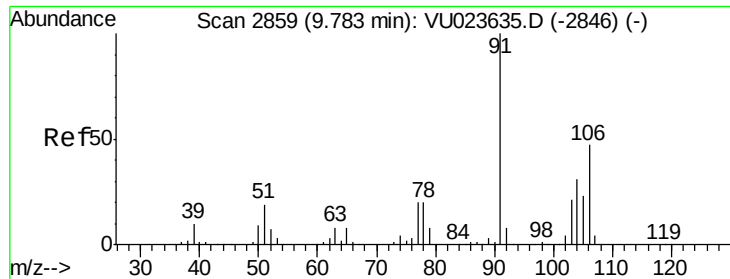
Tgt Ion: 106 Resp: 102358

Ion Ratio Lower Upper

106 100

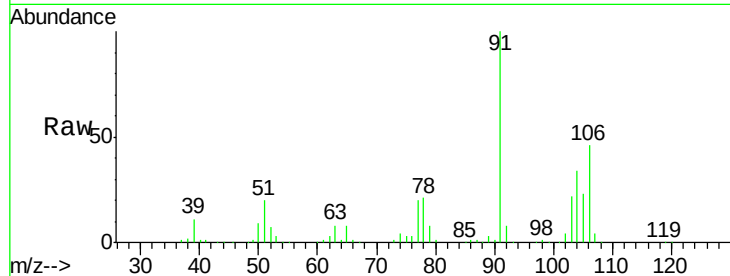
91 204.5 142.4 264.4



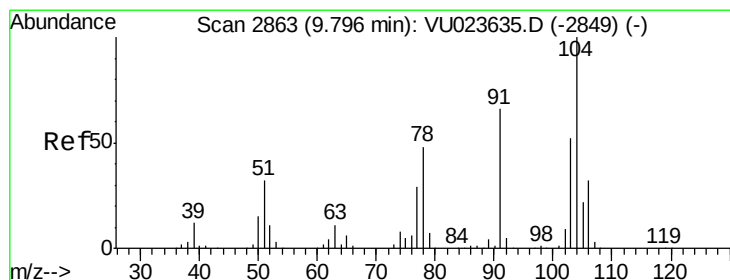
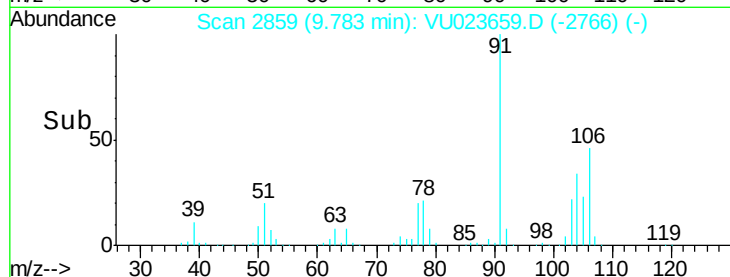
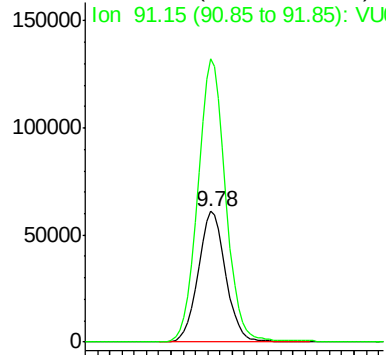


#54
o-xylene
Concen: 5.13 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:106 Resp: 96867
Ion Ratio Lower Upper
106 100
91 216.8 151.5 281.5

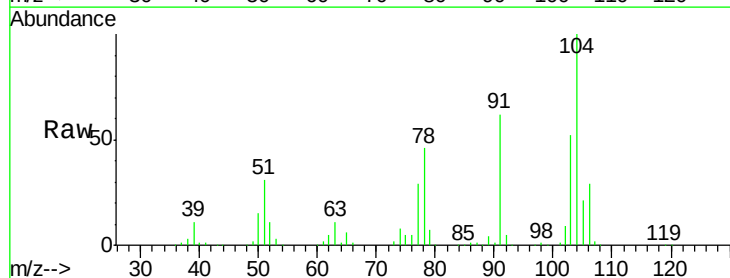


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

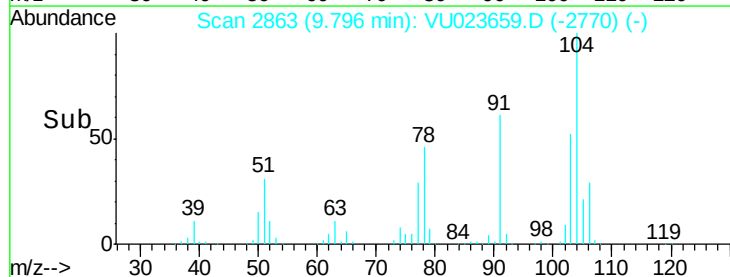
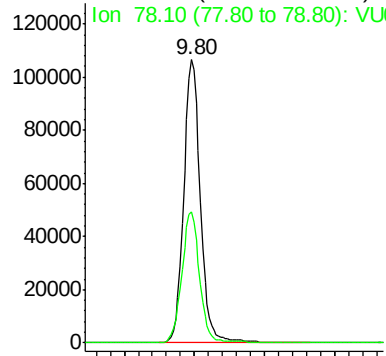


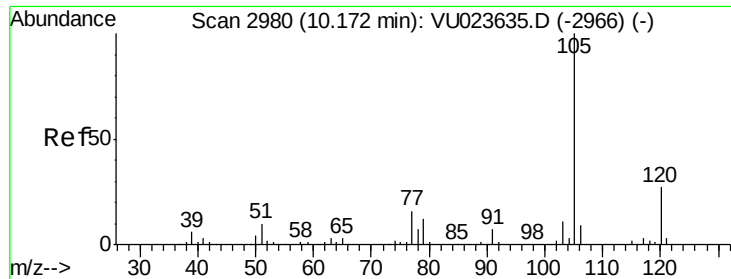
#55
Styrene
Concen: 5.27 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:104 Resp: 174556
Ion Ratio Lower Upper
104 100
78 46.3 32.0 59.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.16 ug/L

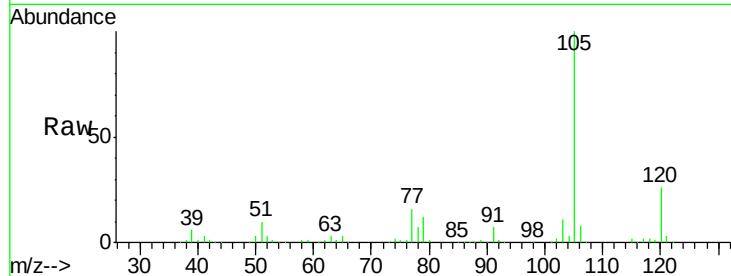
RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

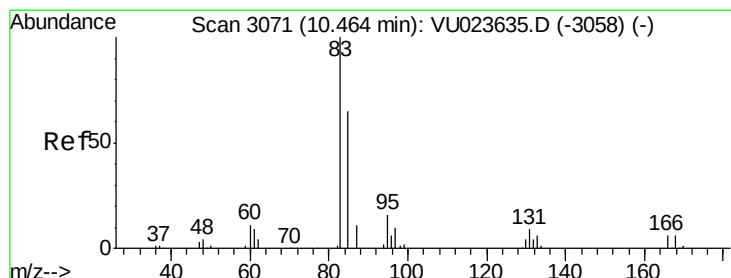
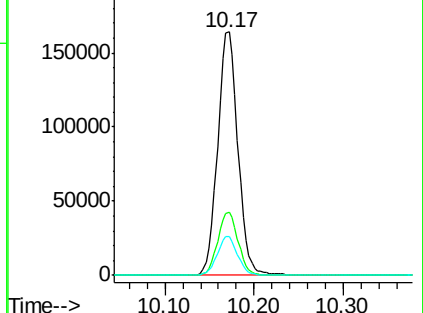
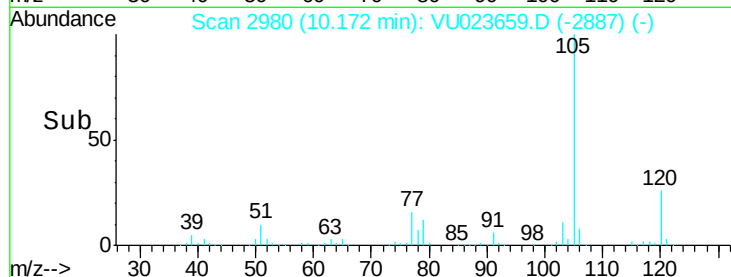
Lab File: VU023659.D

Acq: 05 May 2018 10:34

Tgt Ion:	105	Resp:	258037
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.1	31.7
77	15.9	13.1	19.7



Abundance Ion 105.05 (104.75 to 105.75): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.59 ug/L

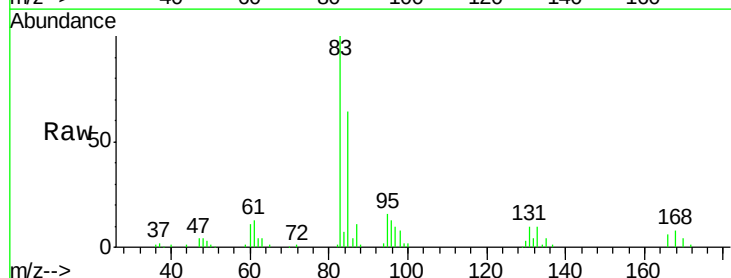
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

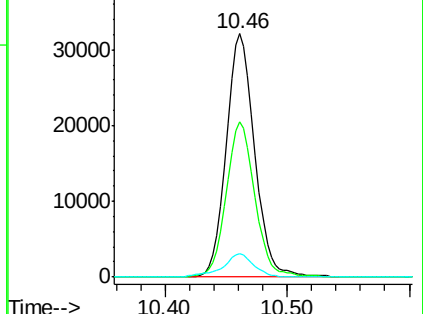
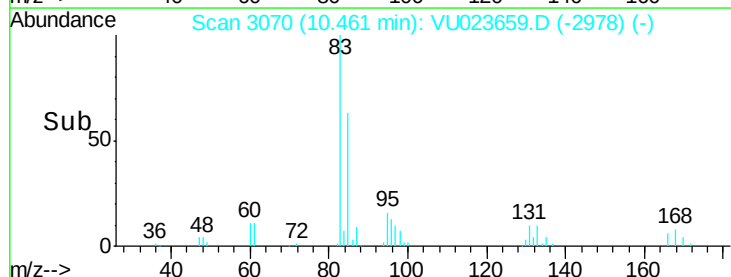
Lab File: VU023659.D

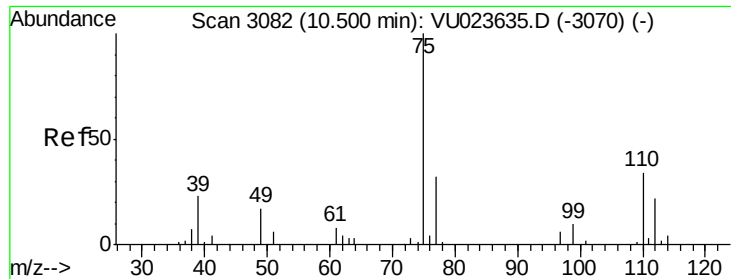
Acq: 05 May 2018 10:34

Tgt Ion:	83	Resp:	52396
Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.2	82.2
131	9.5	7.3	10.9



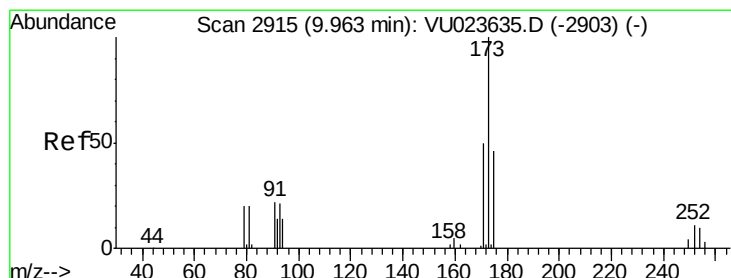
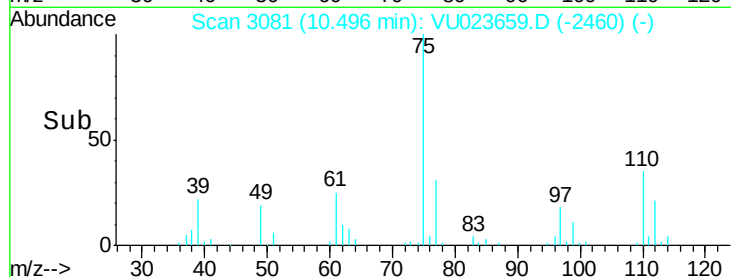
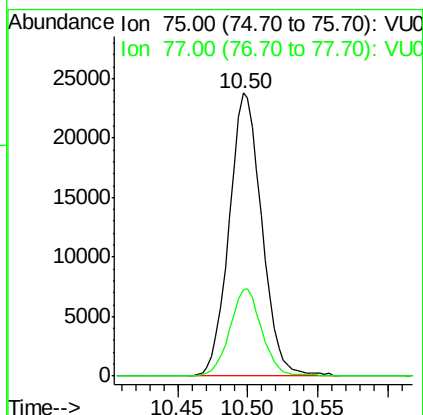
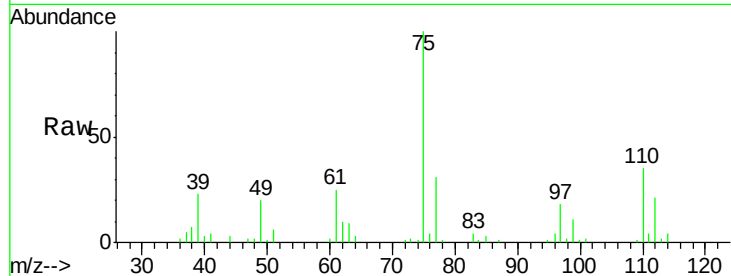
Abundance Ion 82.95 (82.65 to 83.65): VU0





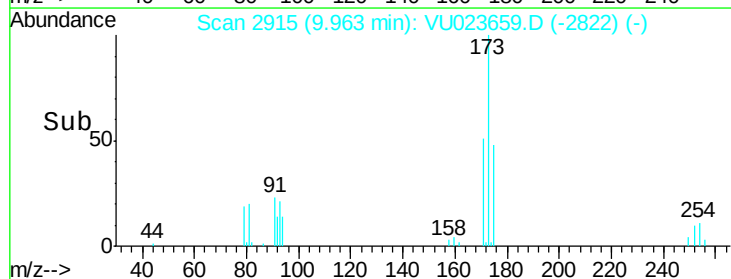
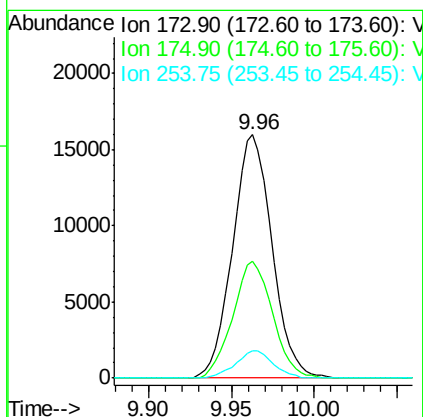
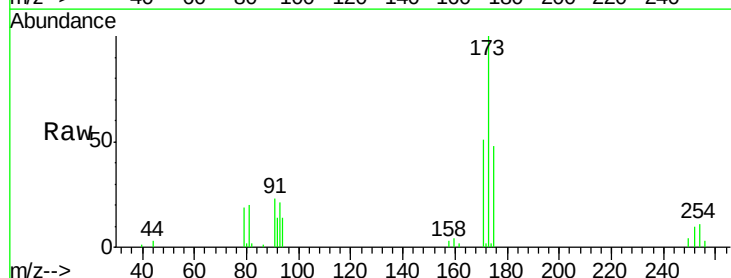
#59
 1,2,3-Trichloropropane
 Concen: 4.79 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

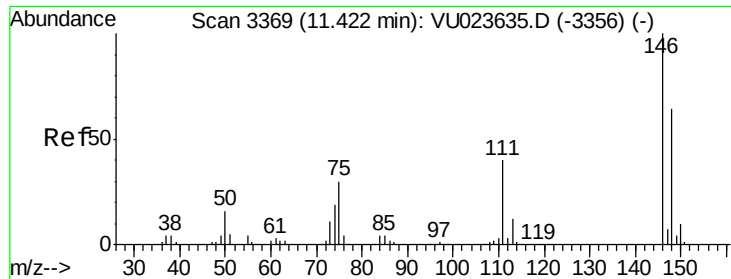
Tgt Ion: 75 Resp: 38558
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.0 39.0



#61
 Bromoform
 Concen: 4.69 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

Tgt Ion: 173 Resp: 26460
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.1 57.1
 254 10.6 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.01 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

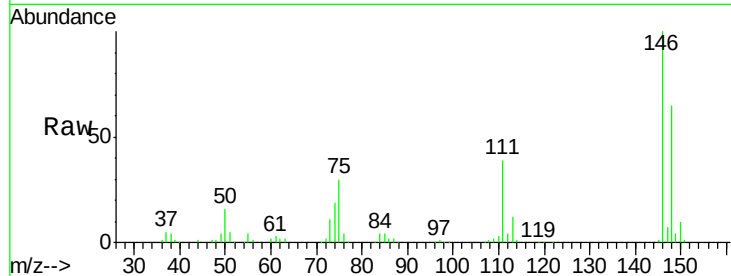
Tgt Ion:146 Resp: 126367

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.9

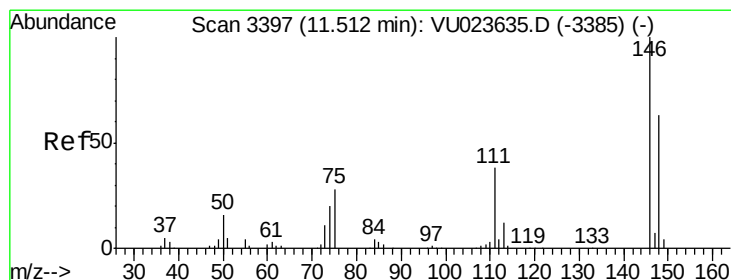
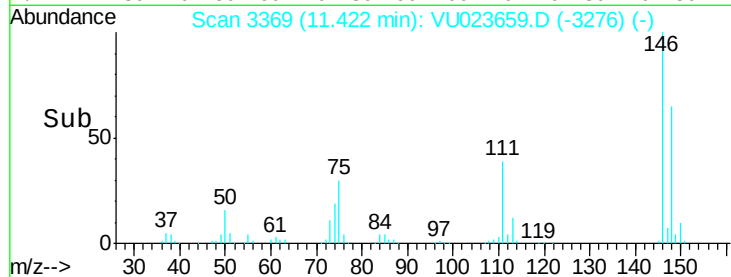
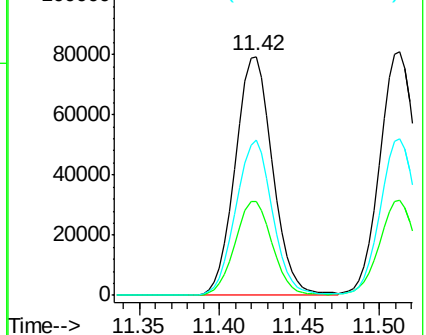
148 65.2 44.7 83.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.00 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

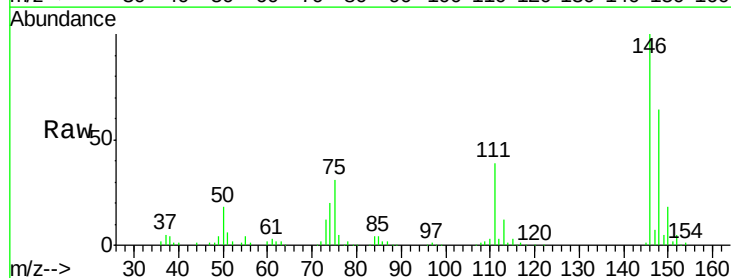
Tgt Ion:146 Resp: 133194

Ion Ratio Lower Upper

146 100

111 39.3 26.7 49.5

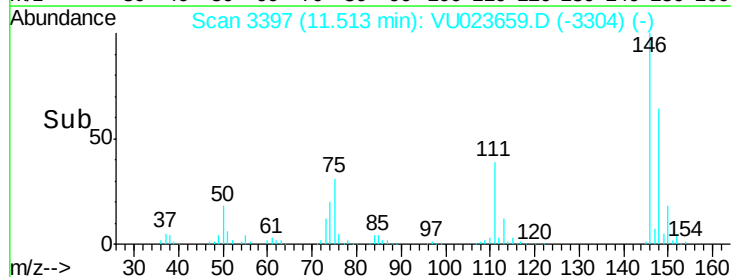
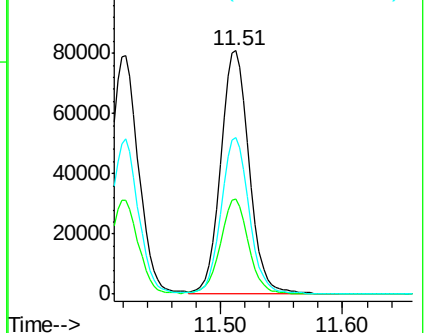
148 64.4 45.4 84.4

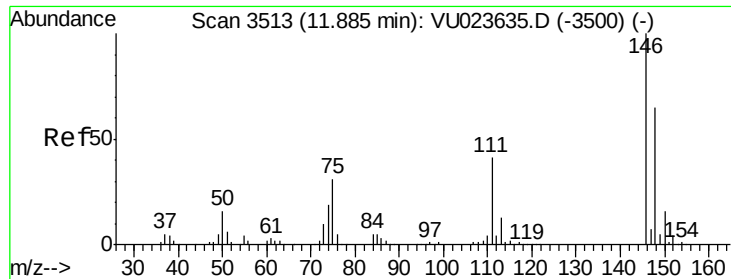


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.08 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

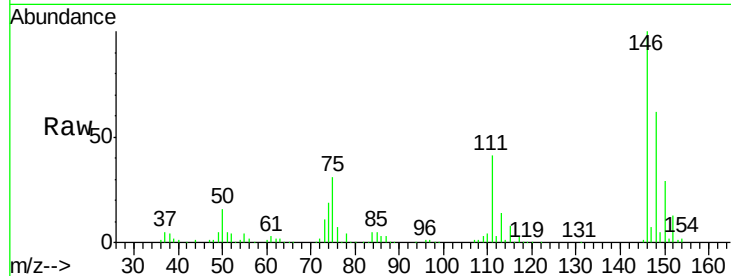
Tgt Ion: 146 Resp: 125093

Ion Ratio Lower Upper

146 100

111 41.0 33.0 49.6

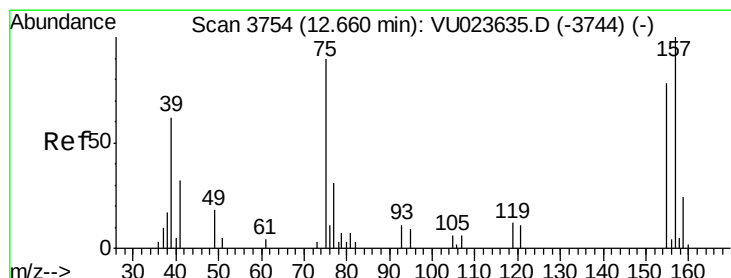
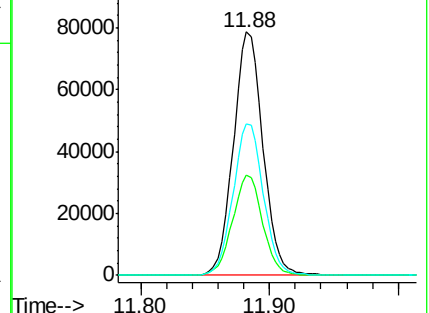
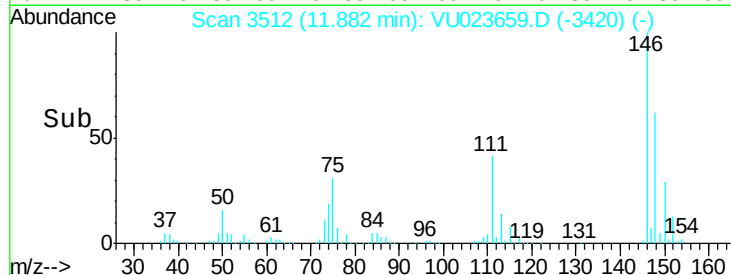
148 62.4 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): 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: 4.87 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU023659.D

Acq: 05 May 2018 10:34

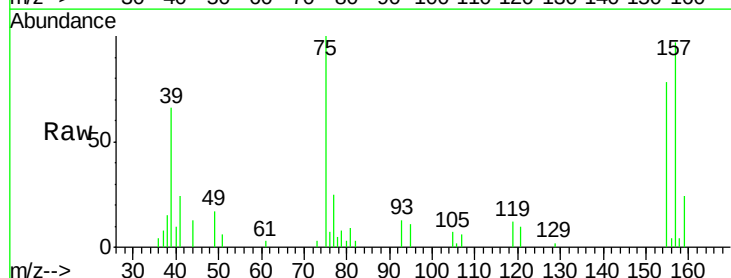
Tgt Ion: 75 Resp: 8099

Ion Ratio Lower Upper

75 100

155 78.4 60.6 90.8

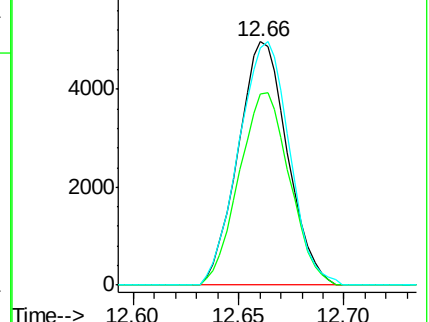
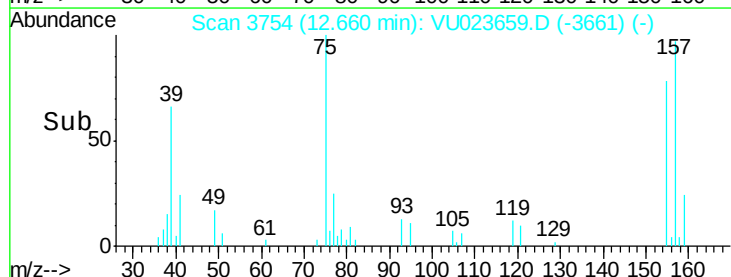
157 97.3 87.7 131.5

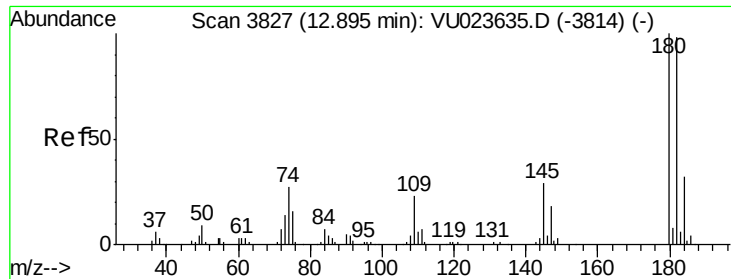


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

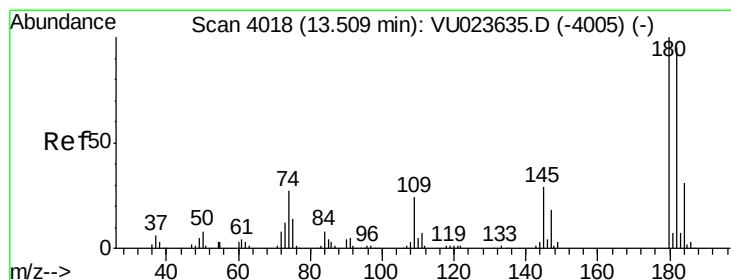
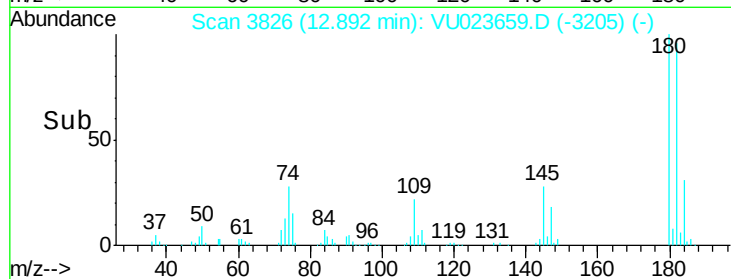
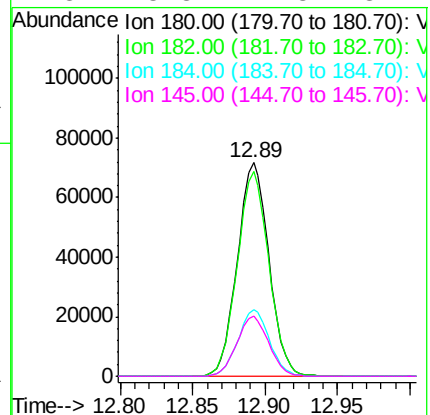
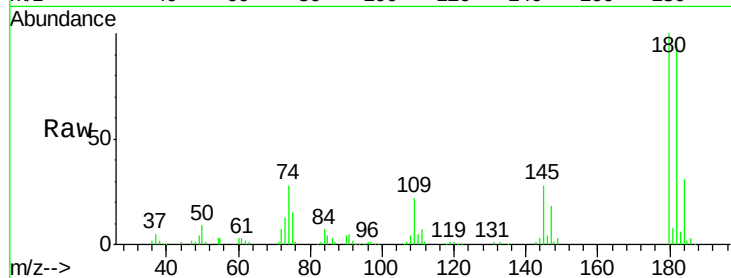
Ion 156.90 (156.60 to 157.60): V





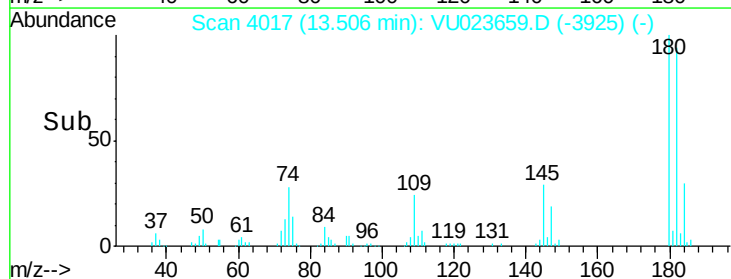
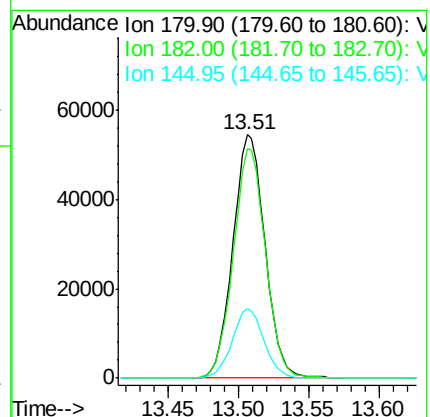
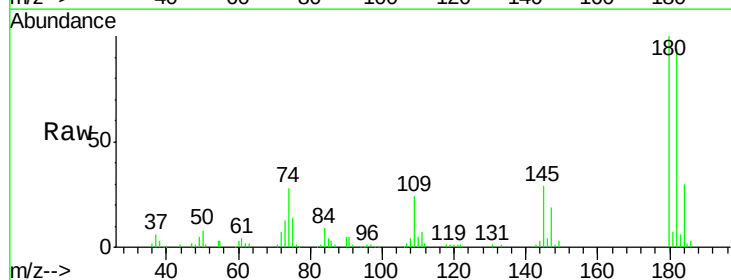
#67
 1,3,5-Trichlorobenzene
 Concen: 5.04 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

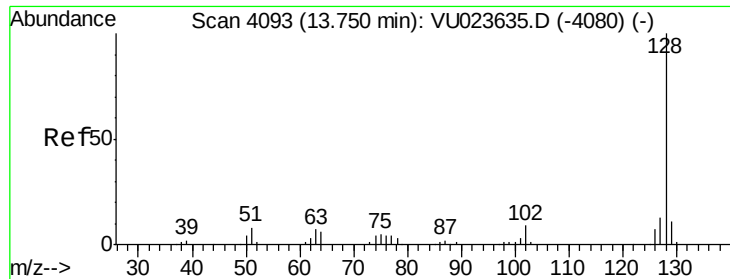
Tgt Ion:	180	Resp:	108271
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.2
184	31.1	24.4	36.6
145	28.3	22.8	34.2



#68
 1,2,4-trichlorobenzene
 Concen: 4.90 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023659.D
 Acq: 05 May 2018 10:34

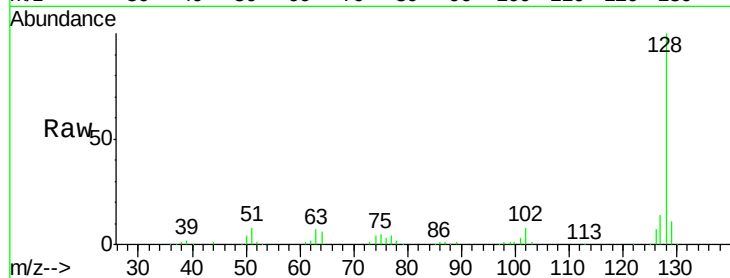
Tgt Ion:	180	Resp:	86835
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.7	113.5
145	28.2	22.5	33.7



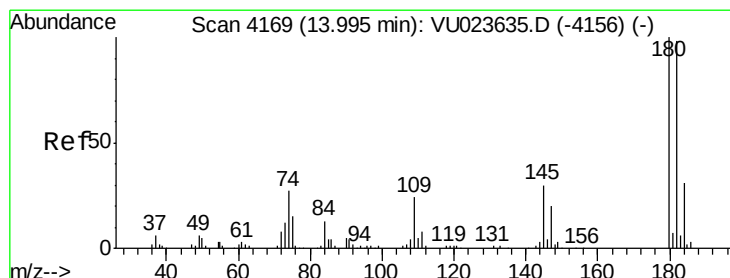
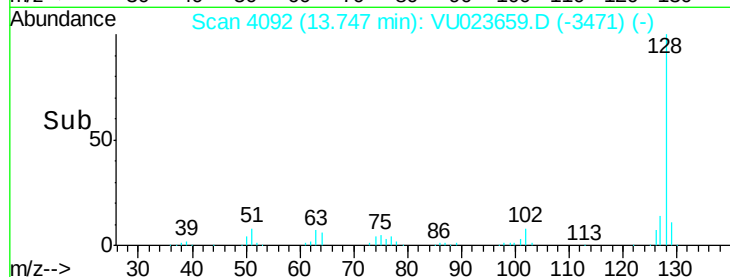
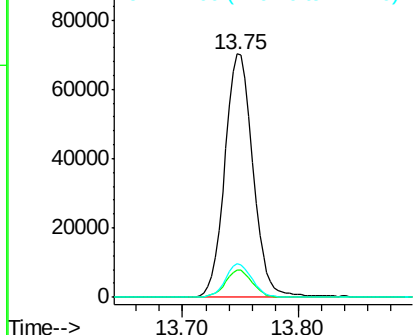


#69
Naphthalene
Concen: 4.40 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:128 Resp: 118454
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.5 15.7

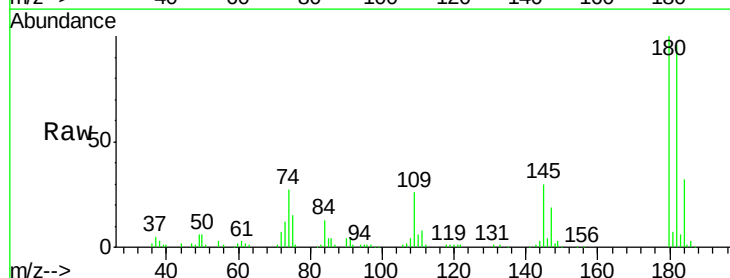


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 4.94 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023659.D
Acq: 05 May 2018 10:34

Tgt Ion:180 Resp: 81971
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 30.7 24.3 36.5



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

