

Data File : VU023610.D
Acq On : 03 May 2018 19:00
Operator : MD/SY
Sample : VSTD02044
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 04 01:33:15 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	173103	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	257808	19.98	ug/L	0.00
7) Chloroethane-d5	1.66	69	192988	19.75	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	457177	20.55	ug/L	0.00
20) 2-Butanone-d5	4.20	46	770532	300.32	ug/L	0.00
24) Chloroform-d	4.65	84	463724	21.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	239934	22.53	ug/L	0.00
32) Benzene-d6	5.34	84	955859	20.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	312762	21.42	ug/L	0.00
41) Toluene-d8	7.57	98	904465	20.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	118630	23.68	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	677255	266.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	245094	22.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	346775	19.92	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	324960	21.64	ug/L	99
3) Chloromethane	1.33	50	360842	23.78	ug/L	99
5) Vinyl chloride	1.40	62	325980	20.70	ug/L	93
6) Bromomethane	1.61	94	166606	19.27	ug/L	99
8) Chloroethane	1.69	64	180369	20.08	ug/L	97
9) Trichlorofluoromethane	1.88	101	367686	20.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	214652	20.37	ug/L	100
12) 1,1-Dichloroethene	2.28	96	203224	19.39	ug/L	96
13) Acetone	2.33	43	399808	239.86	ug/L	99
14) Carbon disulfide	2.47	76	726888	21.69	ug/L	99
15) Methyl Acetate	2.62	43	112448	23.24	ug/L	99
16) Methylene chloride	2.70	84	225066	19.11	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	531611	21.48	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	219516	19.48	ug/L	99
19) 1,1-Dichloroethane	3.44	63	427886	20.48	ug/L	100
21) 2-Butanone	4.29	43	783092	269.75	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	273471	21.38	ug/L	98
23) Bromochloromethane	4.55	128	114462	20.56	ug/L	99
25) Chloroform	4.68	83	459264	21.55	ug/L	98
27) 1,2-Dichloroethane	5.41	62	293993	23.15	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	374462	21.25	ug/L	99
30) Cyclohexane	4.99	56	464260	24.06	ug/L	99
31) Carbon tetrachloride	5.13	117	326797	21.05	ug/L	99
33) Benzene	5.39	78	1046662	20.99	ug/L	100
34) Trichloroethene	6.19	95	264182	20.12	ug/L	99
35) Methylcyclohexane	6.42	83	448463	21.97	ug/L	98
37) 1,2-Dichloropropane	6.44	63	289759	22.37	ug/L	99
38) Bromodichloromethane	6.76	83	319966	22.23	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	394654	23.48	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	1902517	268.42	ug/L	98

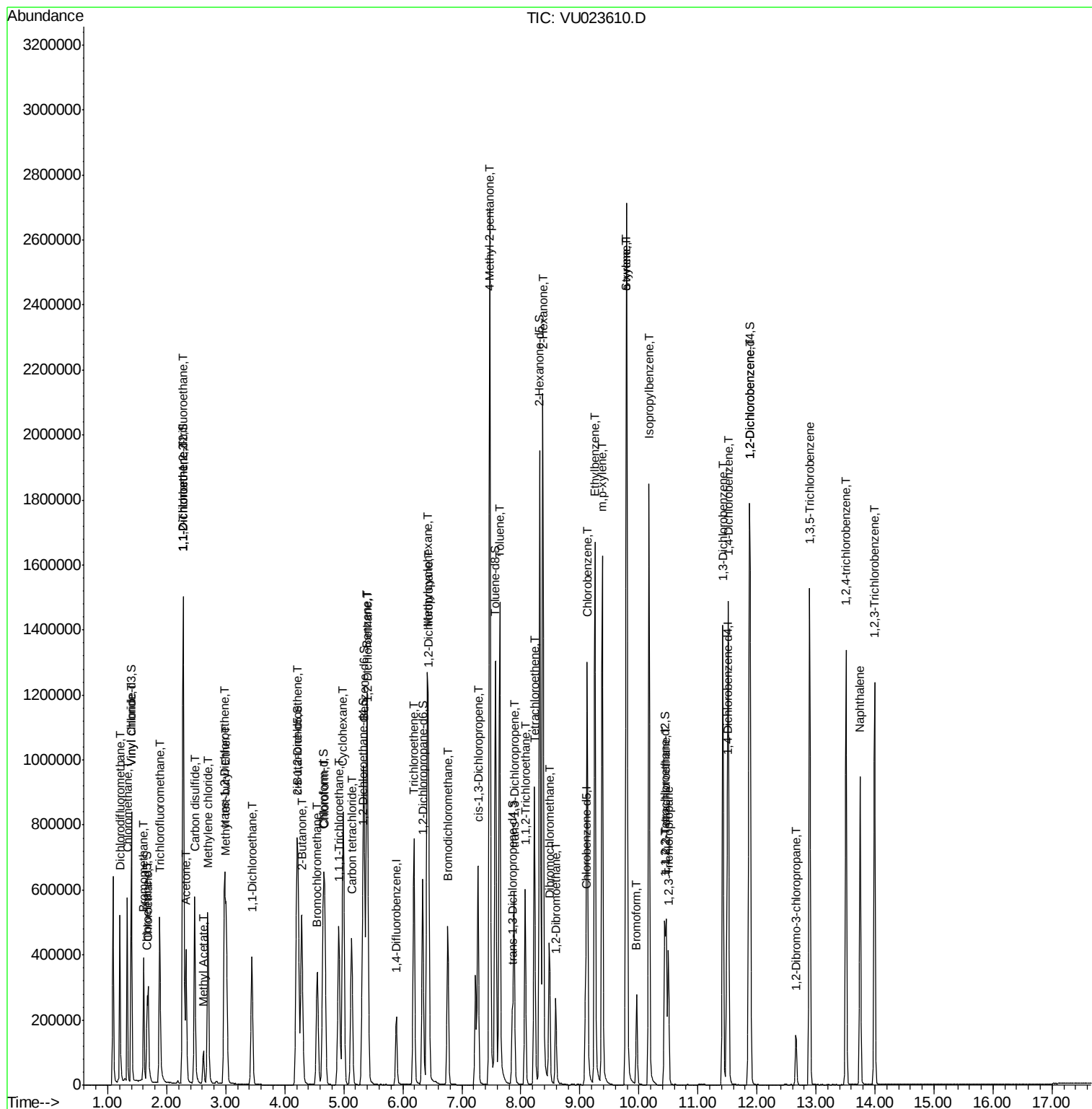
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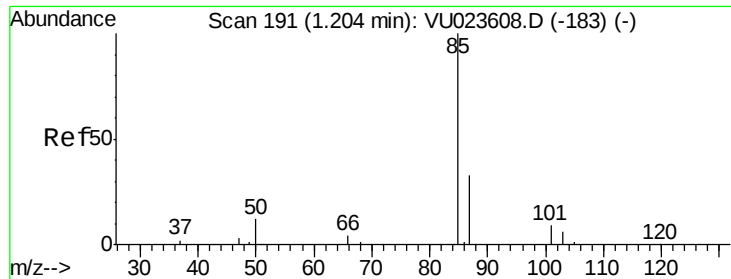
Quant Time: May 04 01:33:15 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1110714	21.11	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	322592	25.14	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	183698	20.86	ug/L	98
47) Tetrachloroethene	8.23	164	217080	19.80	ug/L	99
48) 2-Hexanone	8.37	43	1388254	274.91	ug/L	99
49) Dibromochloromethane	8.48	129	217054	22.49	ug/L	96
50) 1,2-Dibromoethane	8.59	107	172823	21.40	ug/L	97
51) Chlorobenzene	9.12	112	706635	20.76	ug/L	99
52) Ethylbenzene	9.26	91	1233136	22.16	ug/L	99
53) m,p-xylene	9.38	106	470629	22.36	ug/L	99
54) o-xylene	9.78	106	454227	22.28	ug/L	100
55) Styrene	9.80	104	794671	23.11	ug/L	97
56) Isopropylbenzene	10.17	105	1204572	22.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	244741	22.49	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	172373	22.23	ug/L	99
61) Bromoform	9.96	173	125945	21.55	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	572548	20.07	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	586387	20.04	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	551131	20.03	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	37555	23.88	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	474892	20.32	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	413405	21.16	ug/L	99
69) Naphthalene	13.75	128	714604	23.14	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	385039	20.97	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 21.64 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023610.D

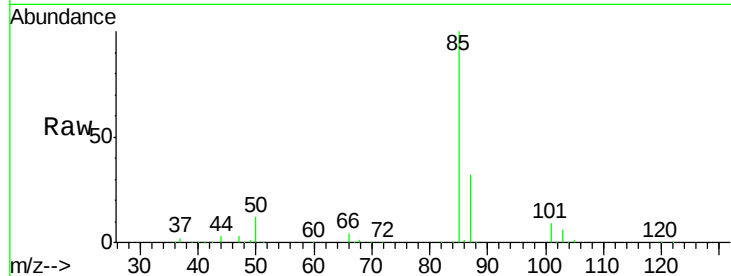
Acq: 03 May 2018 19:00

Tgt Ion: 85 Resp: 324960

Ion Ratio Lower Upper

85 100

87 32.2 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU023610.D (-98) (-)

Ion 87.00 (86.70 to 87.70): VU023610.D (-98) (-)

1.20

300000

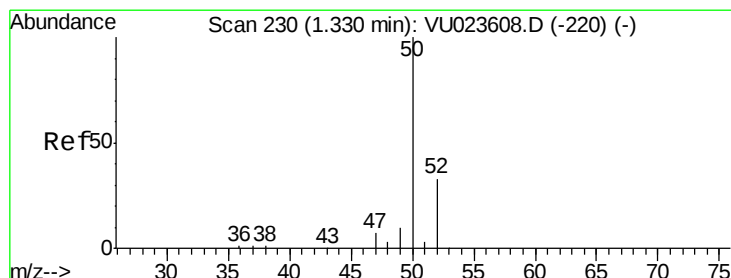
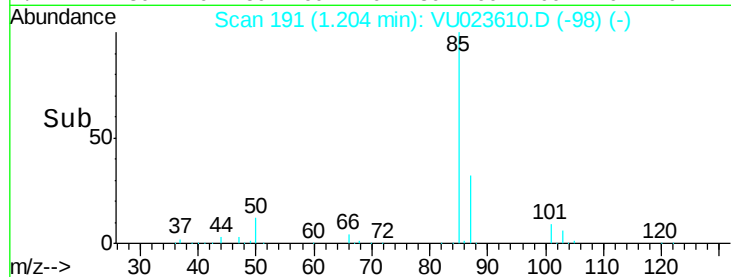
200000

100000

0

1.15 1.20 1.25 1.30

Time-->



#3

Chloromethane

Concen: 23.78 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023610.D

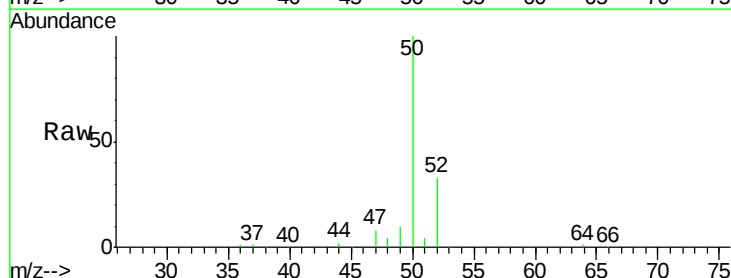
Acq: 03 May 2018 19:00

Tgt Ion: 50 Resp: 360842

Ion Ratio Lower Upper

50 100

52 33.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU023610.D (-137) (-)

Ion 52.05 (51.75 to 52.75): VU023610.D (-137) (-)

1.33

400000

300000

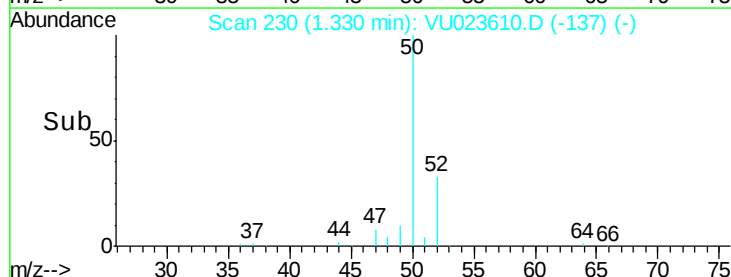
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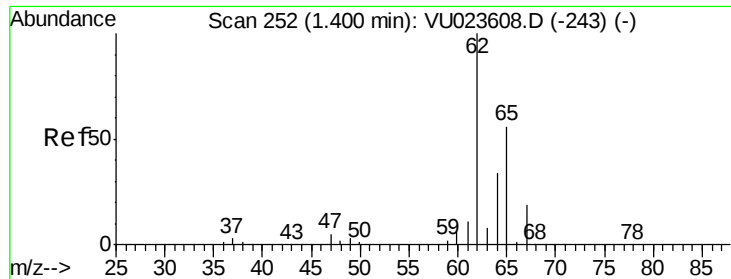
100000

0

1.30 1.35 1.40

Time-->





#5

Vinyl chloride

Concen: 20.70 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU023610.D

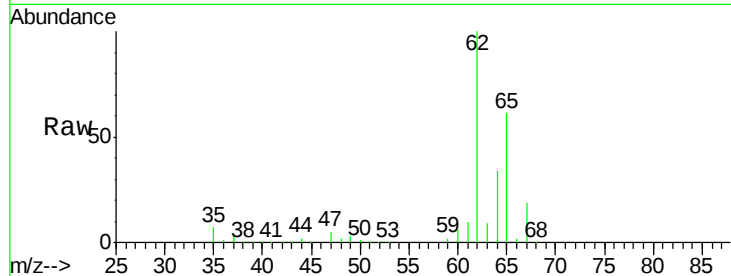
Acq: 03 May 2018 19:00

Tgt Ion: 62 Resp: 325980

Ion Ratio Lower Upper

62 100

64 34.0 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

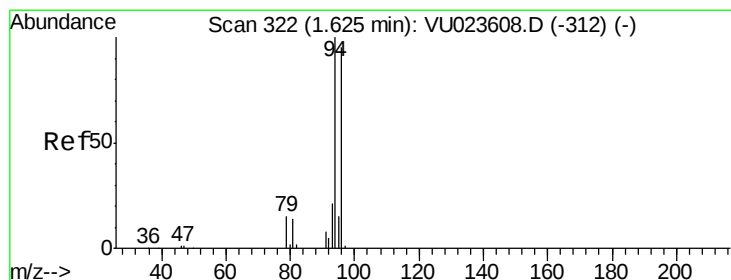
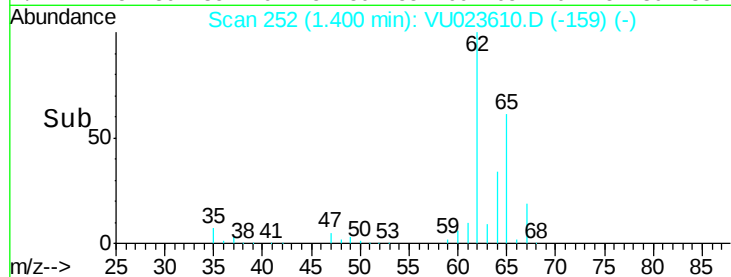
300000

200000

100000

0

Time-->



#6

Bromomethane

Concen: 19.27 ug/L

RT: 1.61 min Scan# 317

Delta R.T. -0.02 min

Lab File: VU023610.D

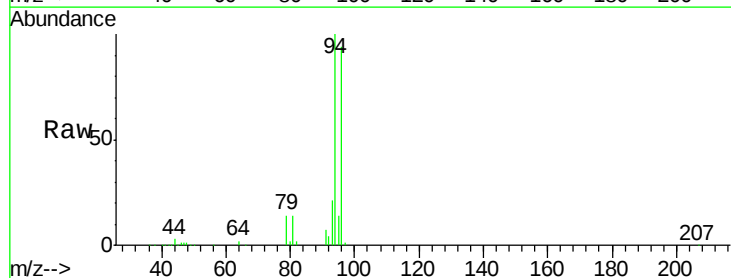
Acq: 03 May 2018 19:00

Tgt Ion: 94 Resp: 166606

Ion Ratio Lower Upper

94 100

96 94.1 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.61

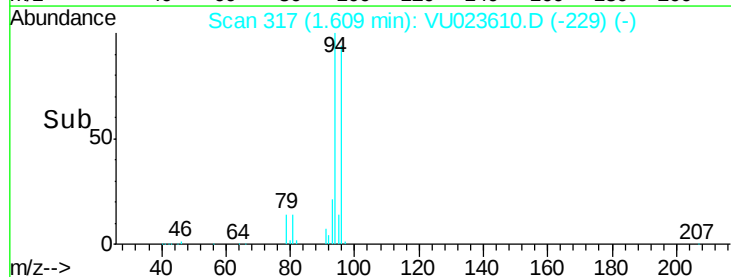
150000

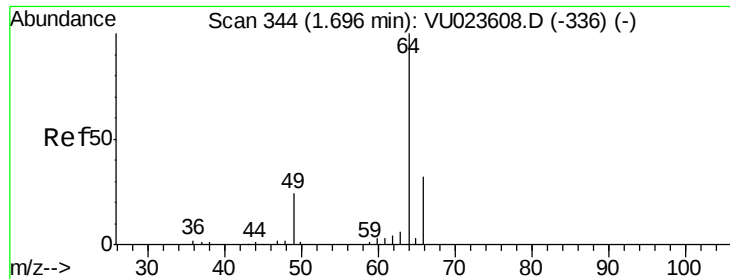
100000

50000

0

Time-->





#8

Chloroethane

Concen: 20.08 ug/L

RT: 1.69 min Scan# 341

Delta R.T. -0.01 min

Lab File: VU023610.D

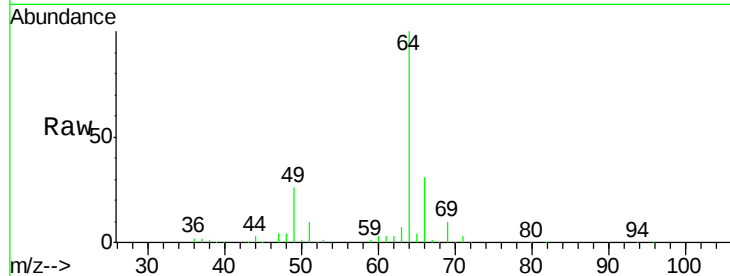
Acq: 03 May 2018 19:00

Tgt Ion: 64 Resp: 180369

Ion Ratio Lower Upper

64 100

66 31.2 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

150000

100000

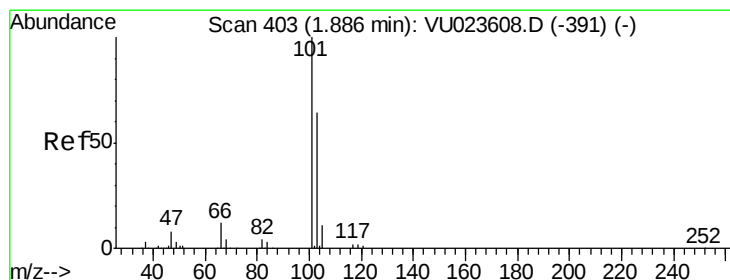
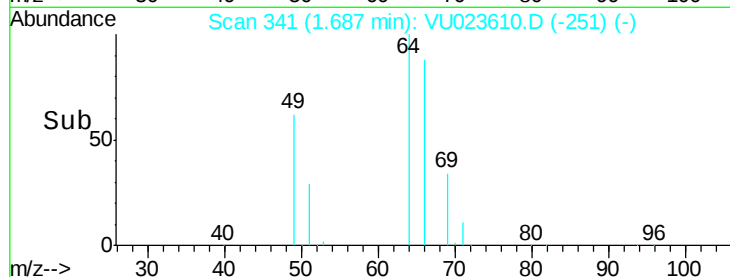
50000

0

1.69

1.60 1.65 1.70 1.75 1.80

Time-->



#9

Trichlorofluoromethane

Concen: 20.10 ug/L

RT: 1.88 min Scan# 401

Delta R.T. -0.01 min

Lab File: VU023610.D

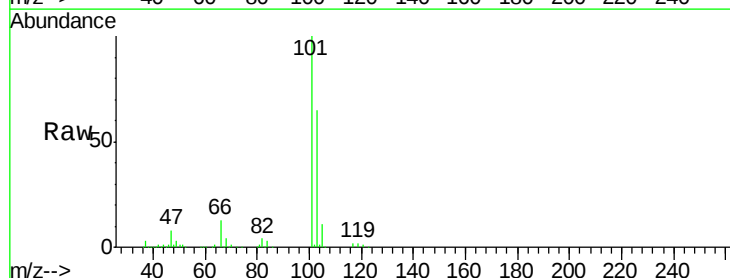
Acq: 03 May 2018 19:00

Tgt Ion: 101 Resp: 367686

Ion Ratio Lower Upper

101 100

103 65.0 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

250000

200000

150000

100000

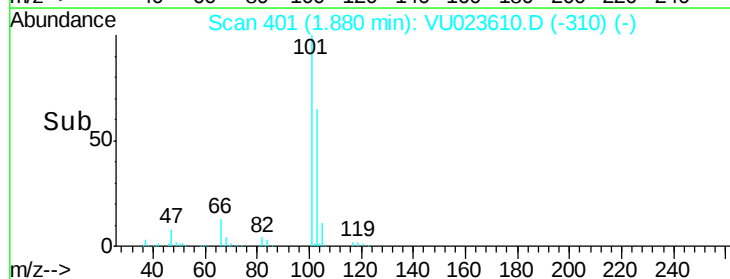
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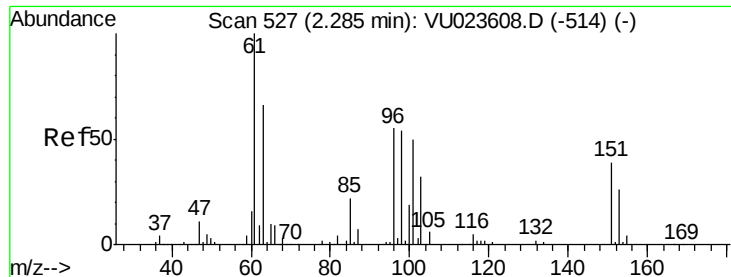
0

1.88

1.80 1.90 2.00

Time-->





#10

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

Concen: 20.37 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

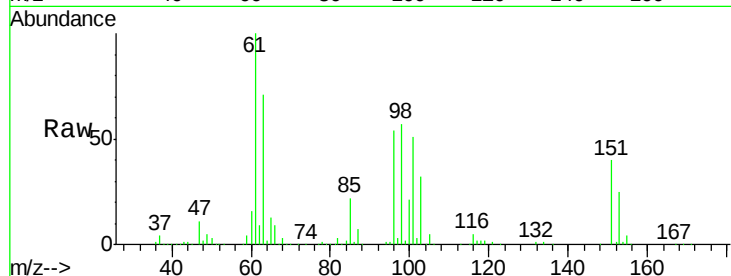
Tgt Ion: 101 Resp: 214652

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

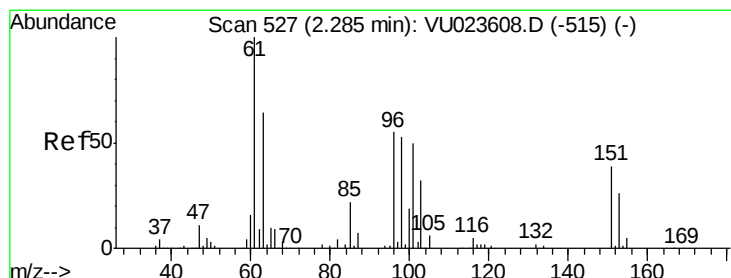
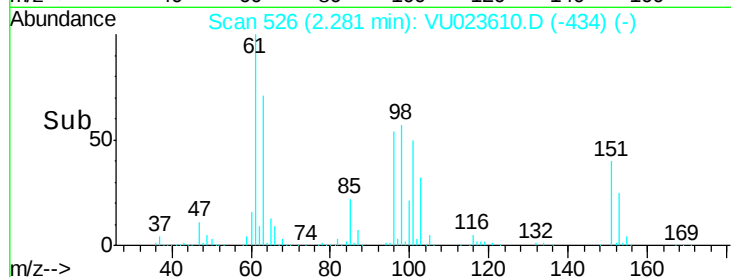
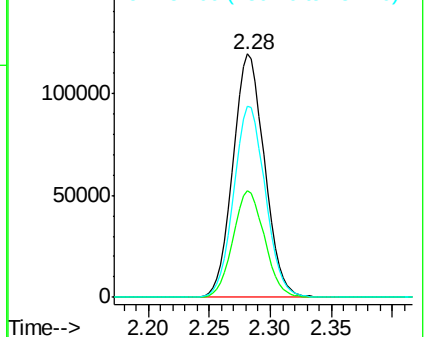
151 78.6 62.9 94.3



Abundance Ion 101.00 (100.70 to 101.70): VU023610.D (-434) (-)

Ion 85.00 (84.70 to 85.70): VU023610.D (-434) (-)

Ion 151.00 (150.70 to 151.70): VU023610.D (-434) (-)



#12

1,1-Dichloroethene

Concen: 19.39 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

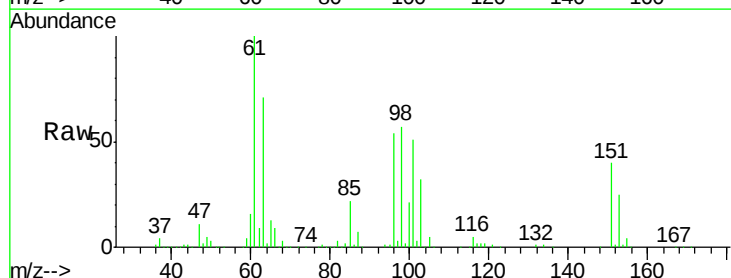
Tgt Ion: 96 Resp: 203224

Ion Ratio Lower Upper

96 100

61 184.2 127.4 236.6

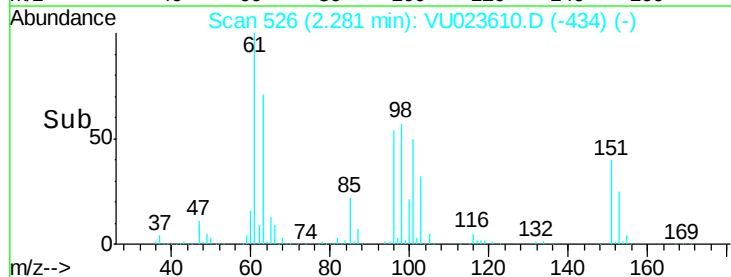
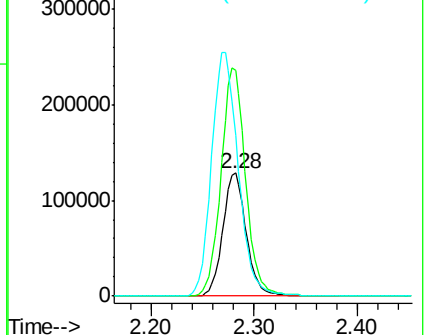
63 130.5 84.8 157.4

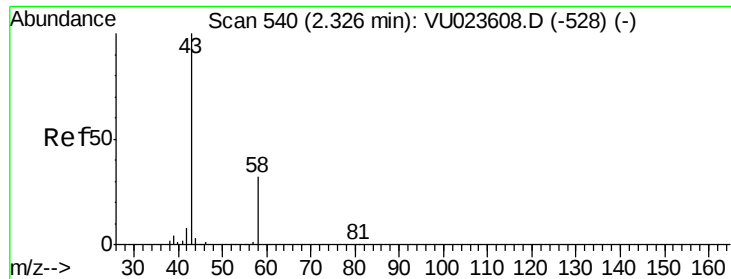


Abundance Ion 96.00 (95.70 to 96.70): VU023610.D (-434) (-)

Ion 61.05 (60.75 to 61.75): VU023610.D (-434) (-)

Ion 63.00 (62.70 to 63.70): VU023610.D (-434) (-)





#13

Acetone

Concen: 239.86 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023610.D

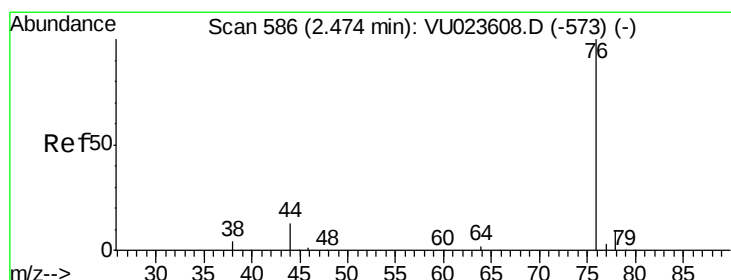
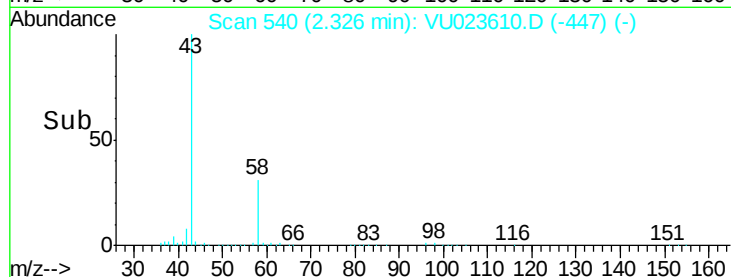
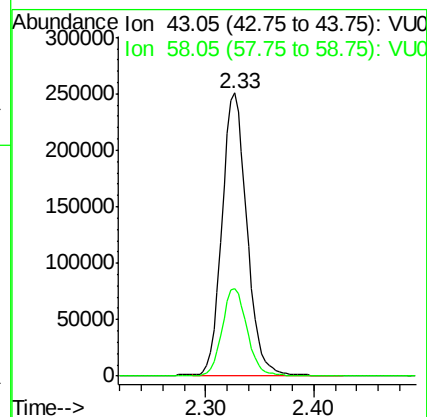
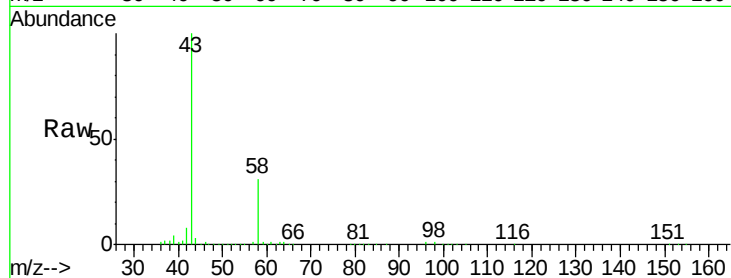
Acq: 03 May 2018 19:00

Tgt Ion: 43 Resp: 399808

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.8



#14

Carbon disulfide

Concen: 21.69 ug/L

RT: 2.47 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU023610.D

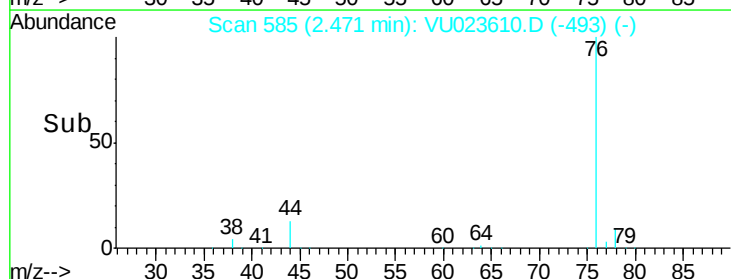
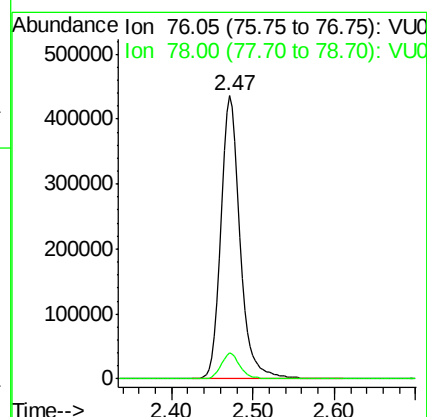
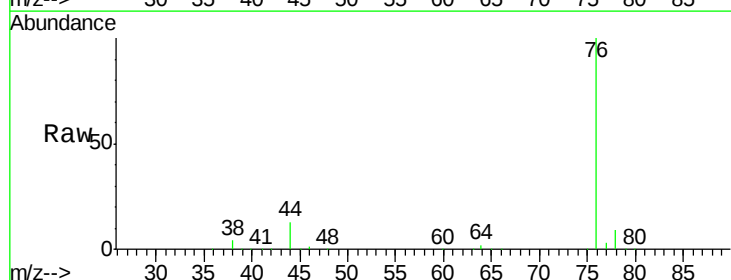
Acq: 03 May 2018 19:00

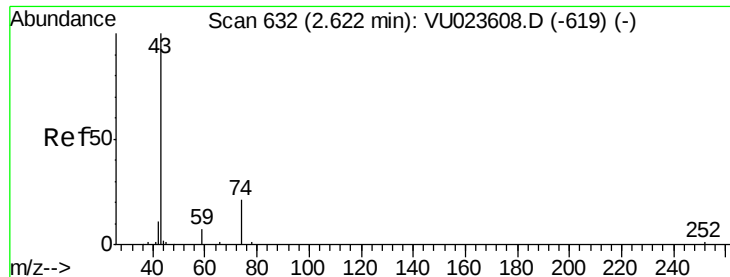
Tgt Ion: 76 Resp: 726888

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 23.24 ug/L

RT: 2.62 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU023610.D

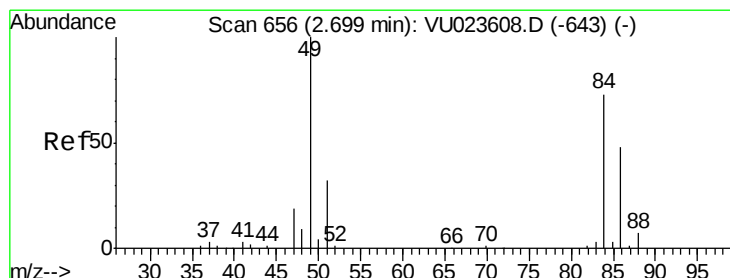
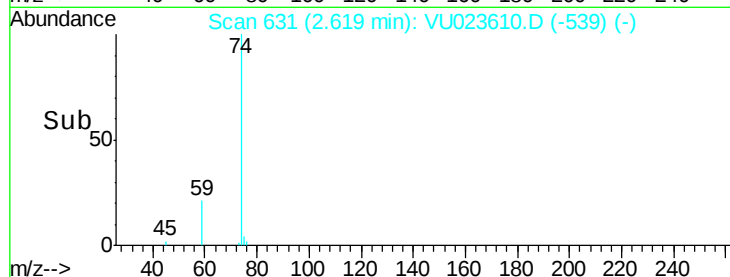
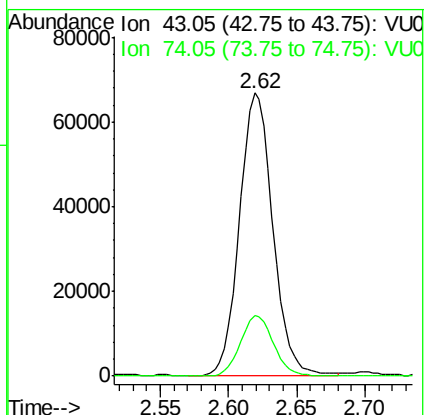
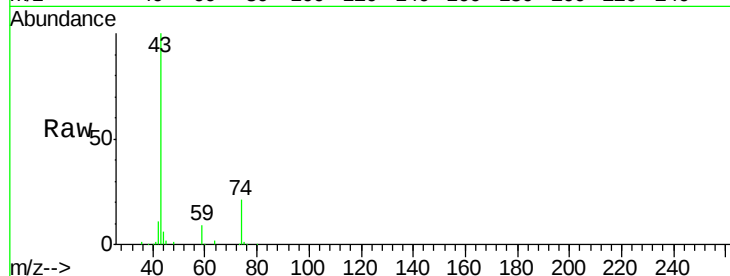
Acq: 03 May 2018 19:00

Tgt Ion: 43 Resp: 112448

Ion Ratio Lower Upper

43 100

74 21.4 16.6 24.8



#16

Methylene chloride

Concen: 19.11 ug/L

RT: 2.70 min Scan# 656

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

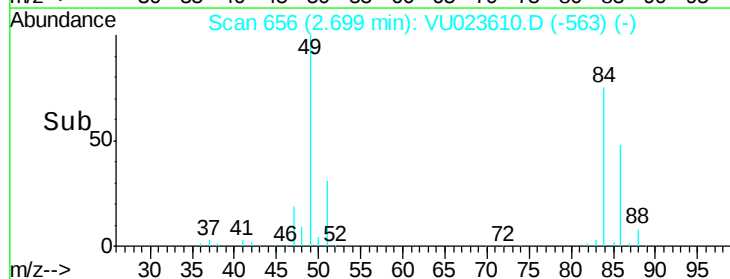
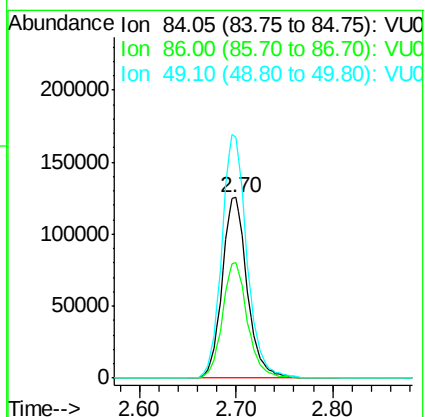
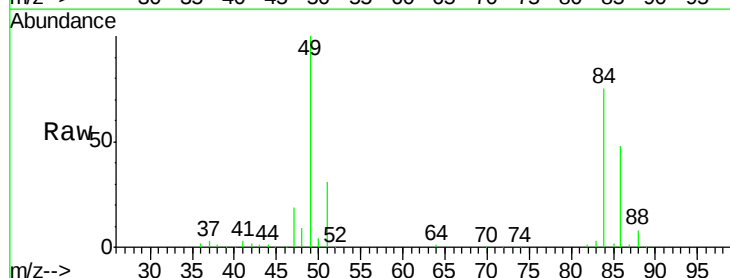
Tgt Ion: 84 Resp: 225066

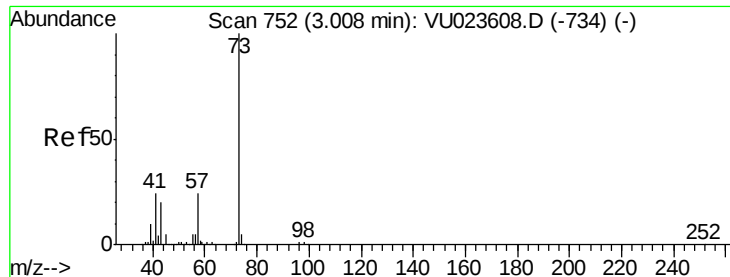
Ion Ratio Lower Upper

84 100

86 64.1 46.0 85.4

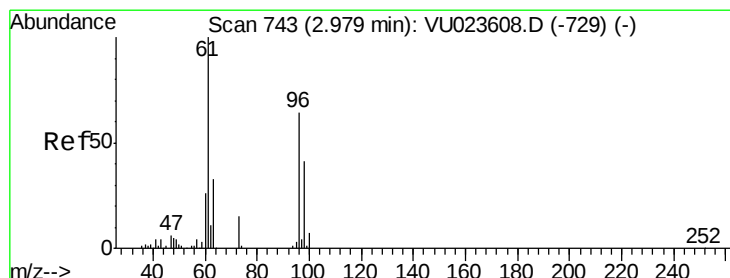
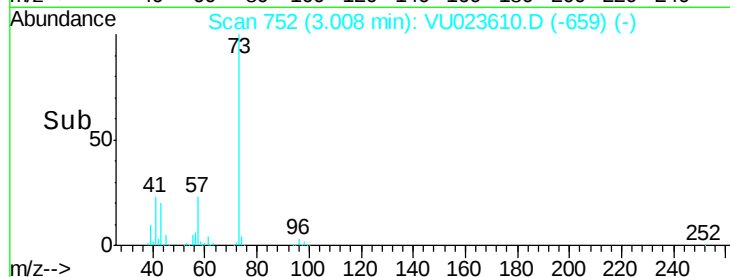
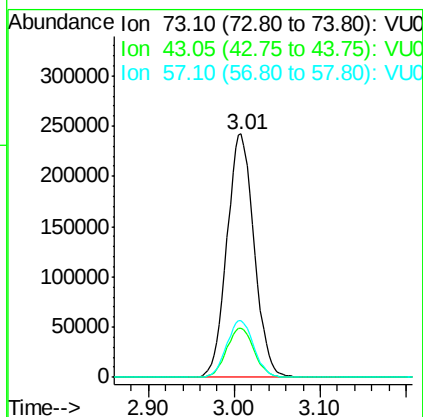
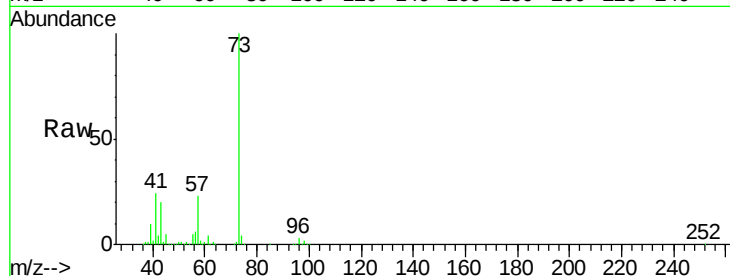
49 134.0 96.0 178.4





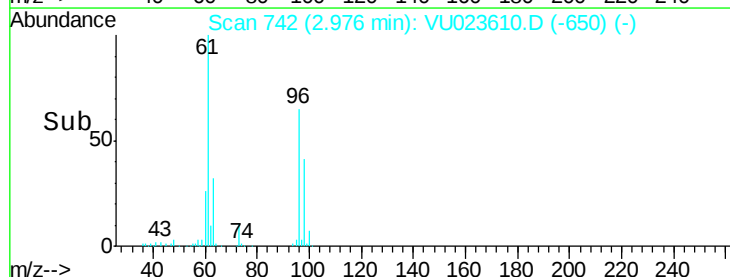
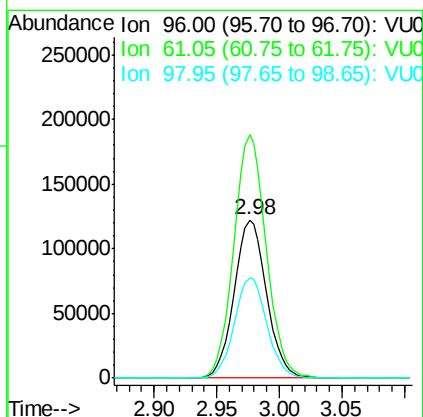
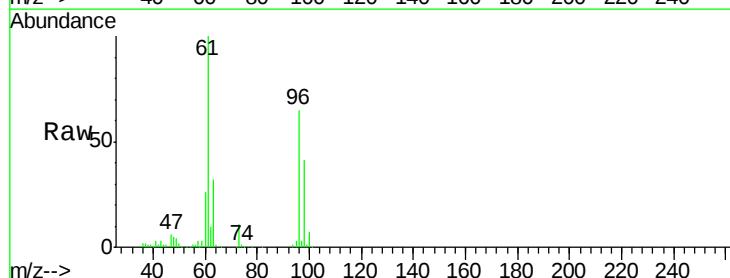
#17
Methyl tert-butyl Ether
Concen: 21.48 ug/L
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

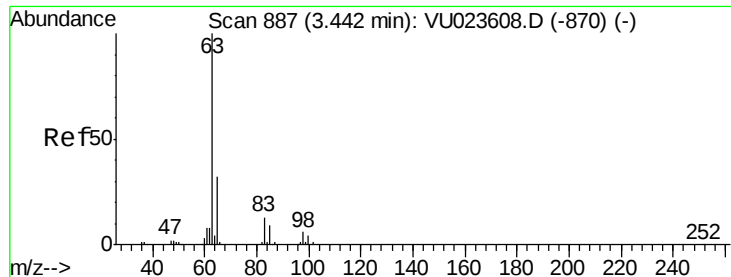
Tgt Ion:	73	Resp:	531611
Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.6	25.0
57	23.3	19.4	29.0



#18
trans-1,2-Dichloroethene
Concen: 19.48 ug/L
RT: 2.98 min Scan# 742
Delta R.T. -0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion:	96	Resp:	219516
Ion	Ratio	Lower	Upper
96	100		
61	153.8	109.0	202.4
98	63.7	44.7	83.1

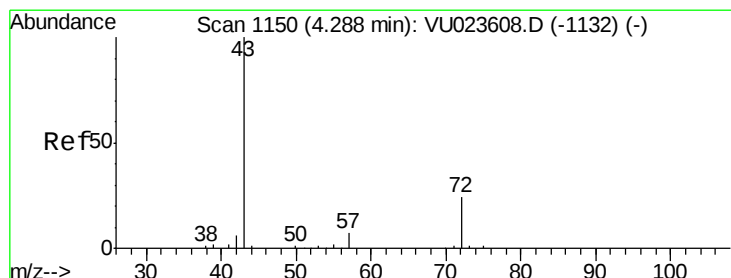
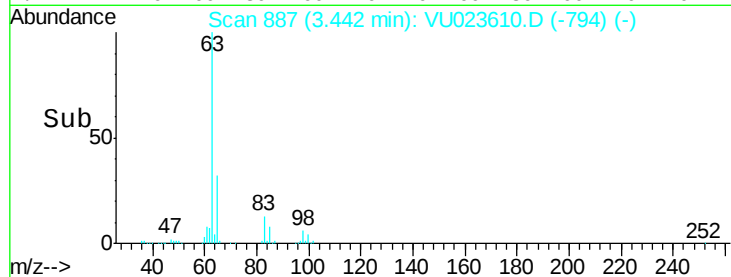
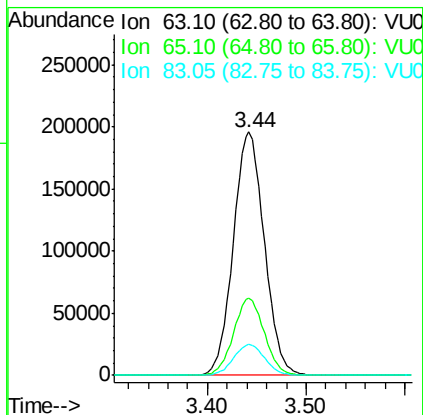
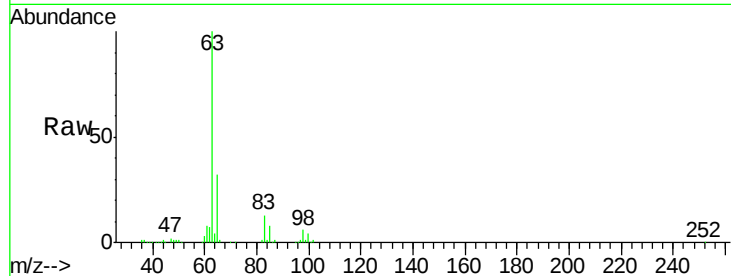




#19
 1,1-Dichloroethane
 Concen: 20.48 ug/L
 RT: 3.44 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion: 63 Resp: 427886

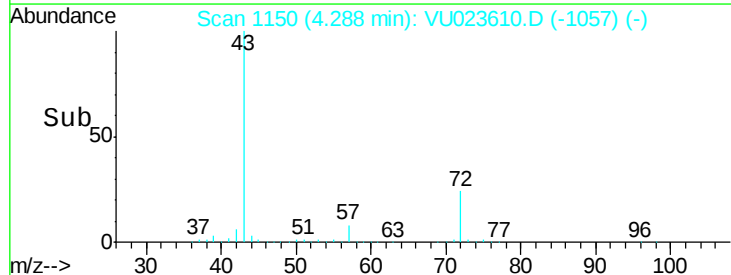
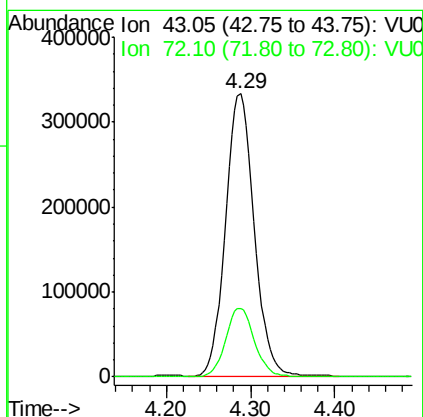
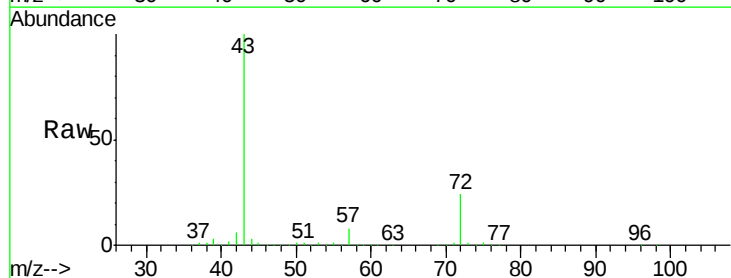
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	41.0
83	12.6	8.8	16.4

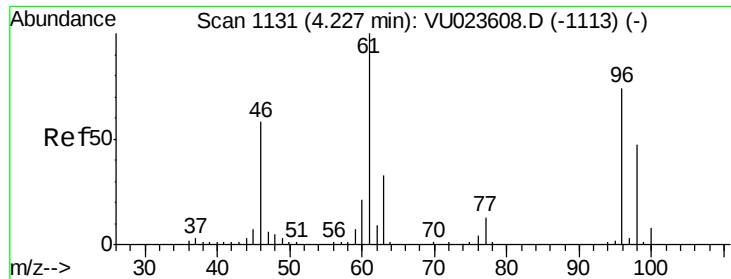


#21
 2-Butanone
 Concen: 269.75 ug/L
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion: 43 Resp: 783092

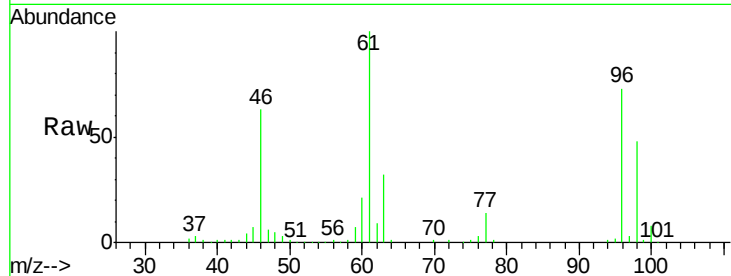
Ion	Ratio	Lower	Upper
43	100		
72	24.3	12.3	36.8



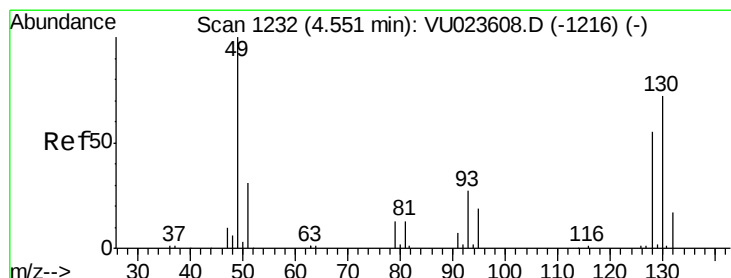
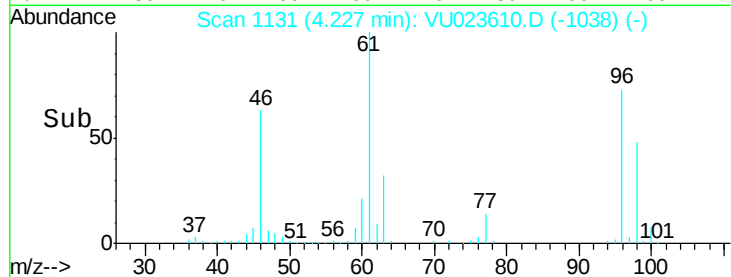
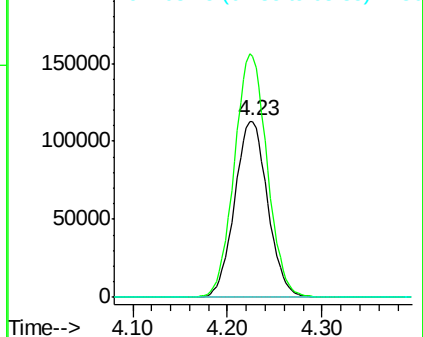


#22
 cis-1,2-Dichloroethene
 Concen: 21.38 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion: 96 Resp: 273471
 Ion Ratio Lower Upper
 96 100
 61 137.0 94.6 175.6
 68 0.0 0.0 0.0

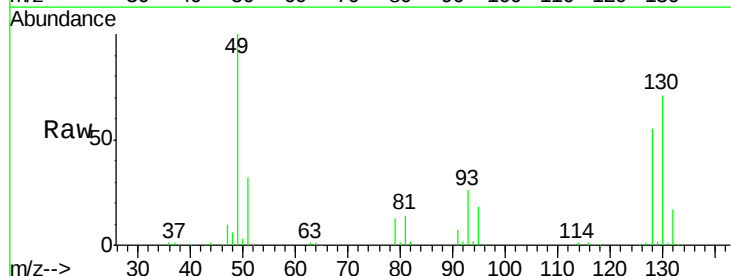


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

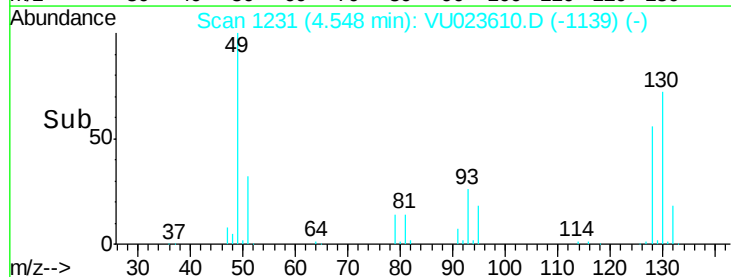
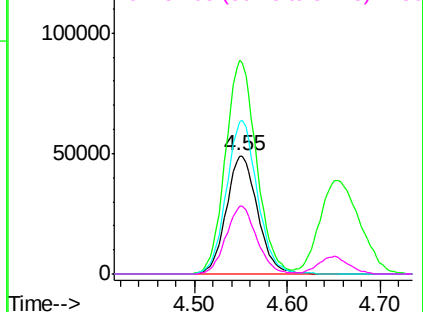


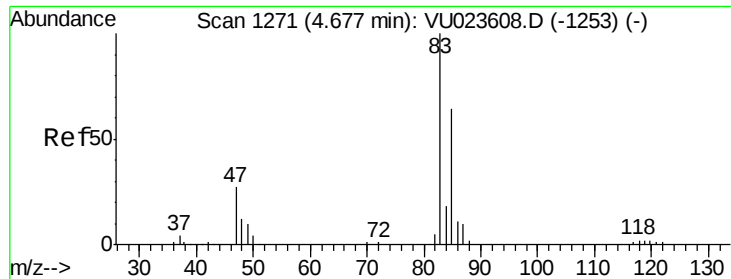
#23
 Bromochloromethane
 Concen: 20.56 ug/L
 RT: 4.55 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion: 128 Resp: 114462
 Ion Ratio Lower Upper
 128 100
 49 181.2 126.5 234.9
 130 129.0 90.4 168.0
 51 57.1 44.6 66.8



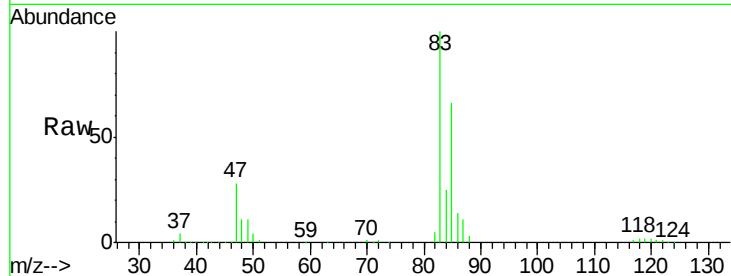
Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0



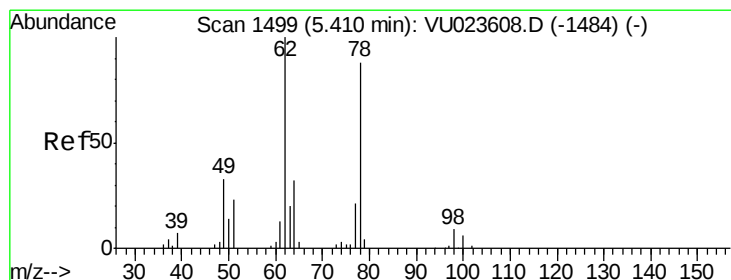
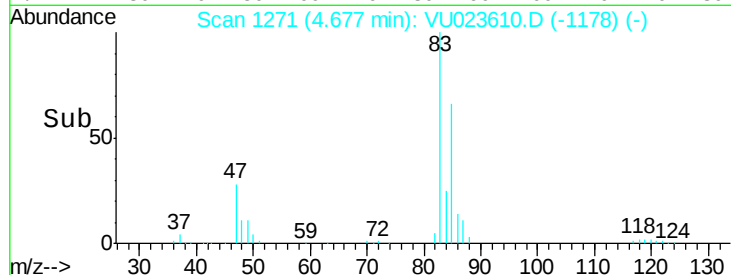
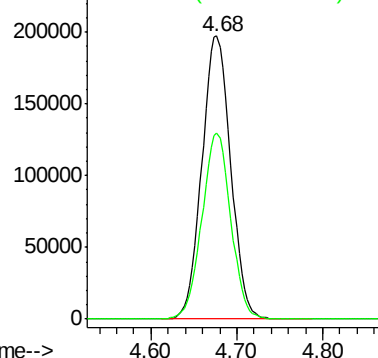


#25
Chloroform
Concen: 21.55 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion: 83 Resp: 459264
Ion Ratio Lower Upper
83 100
85 65.9 45.2 84.0

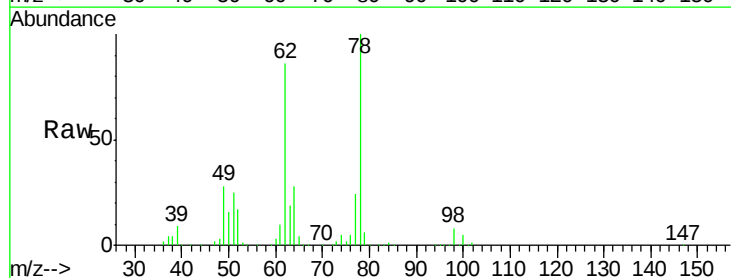


Abundance Ion 83.05 (82.75 to 83.75): VU023610.D (-1178) (-)
Ion 85.00 (84.70 to 85.70): VU023610.D (-1178) (-)

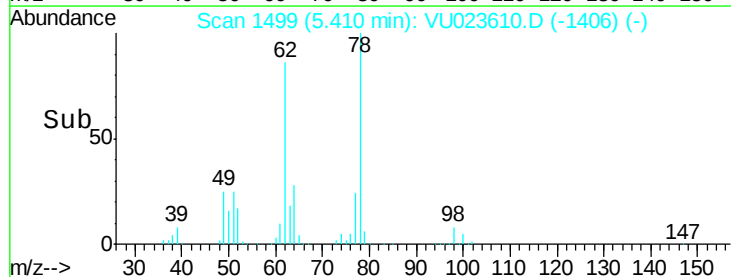
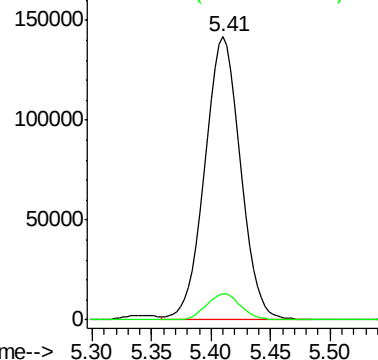


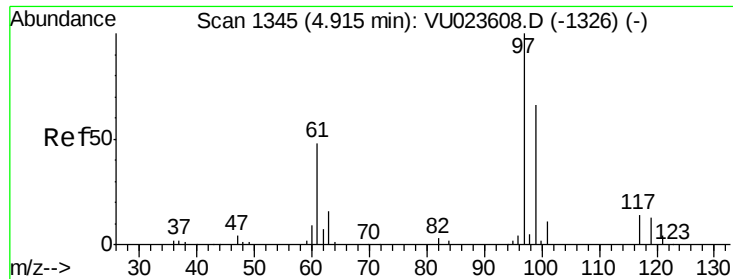
#27
1,2-Dichloroethane
Concen: 23.15 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion: 62 Resp: 293993
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU023610.D (-1406) (-)
Ion 98.05 (97.75 to 98.75): VU023610.D (-1406) (-)





#29

1,1,1-Trichloroethane

Concen: 21.25 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

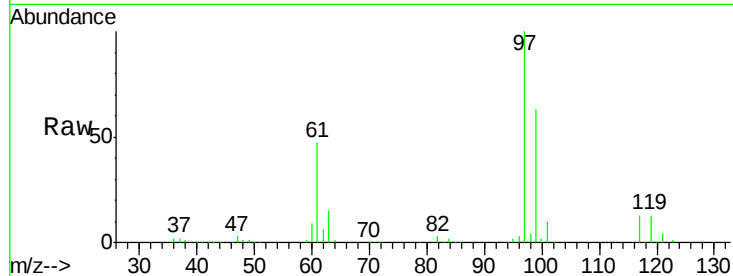
Tgt Ion: 97 Resp: 374462

Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

61 46.9 37.8 56.6

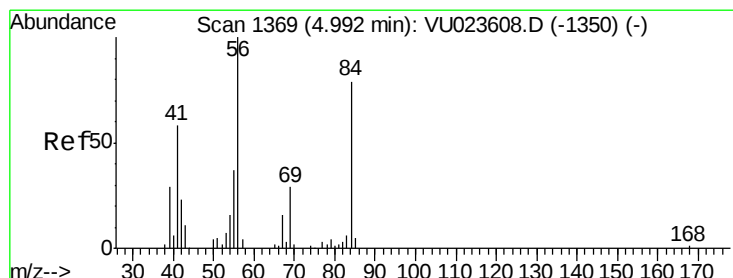
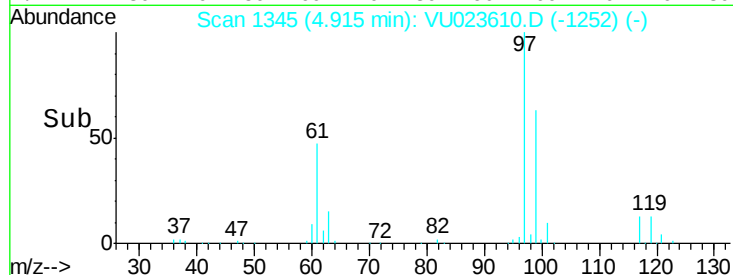
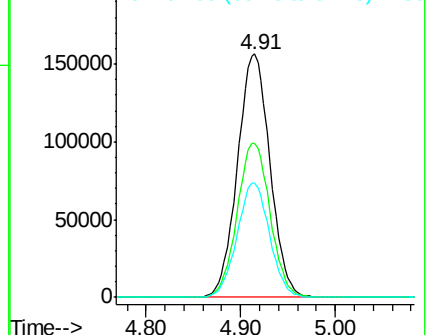


Abundance

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: 24.06 ug/L

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

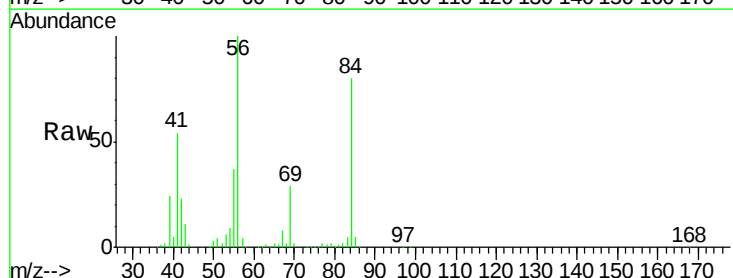
Tgt Ion: 56 Resp: 464260

Ion Ratio Lower Upper

56 100

69 29.1 23.6 35.4

84 80.1 64.4 96.6

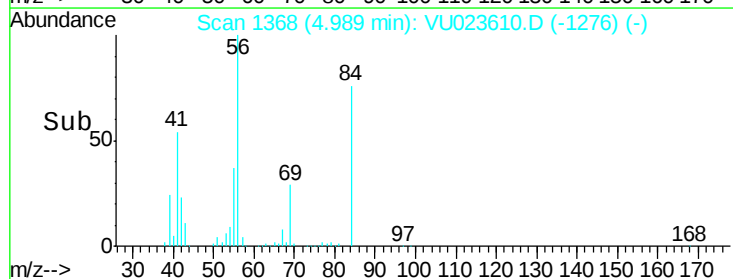
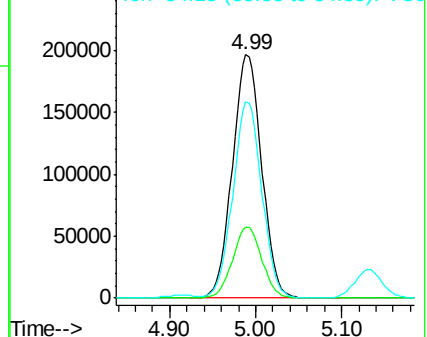


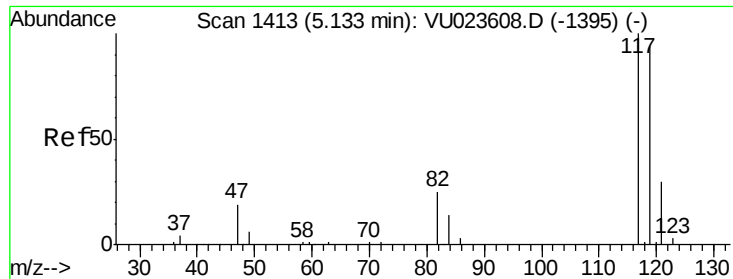
Abundance

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: 21.05 ug/L

RT: 5.13 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VU023610.D

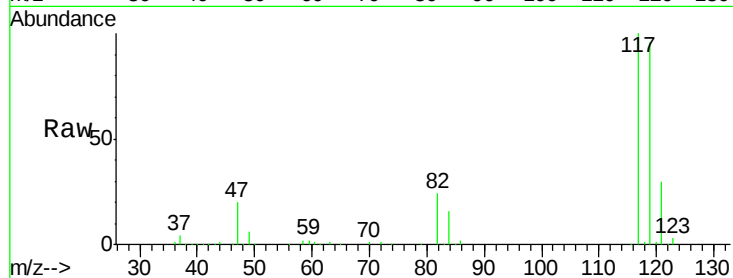
Acq: 03 May 2018 19:00

Tgt Ion: 117 Resp: 326797

Ion Ratio Lower Upper

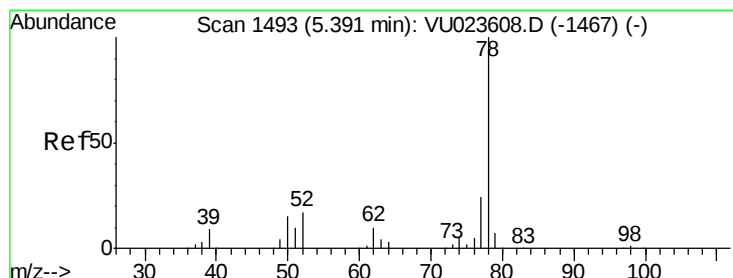
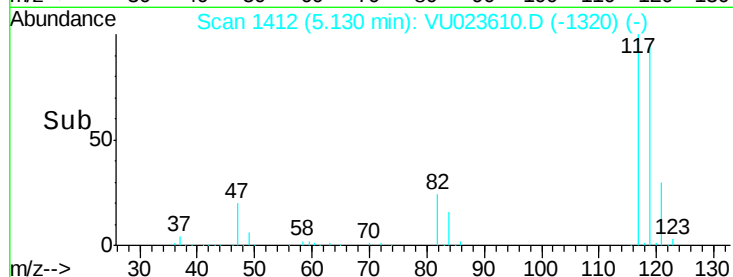
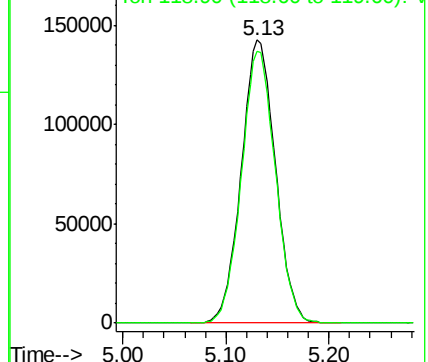
117 100

119 95.9 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 20.99 ug/L

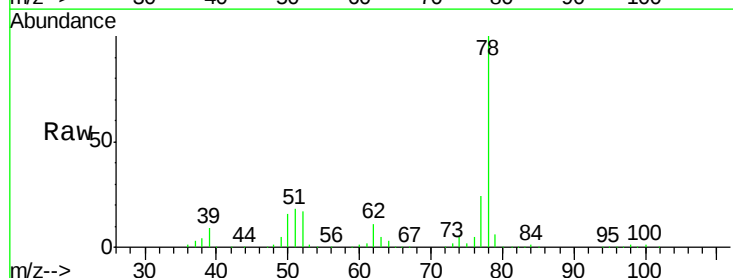
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

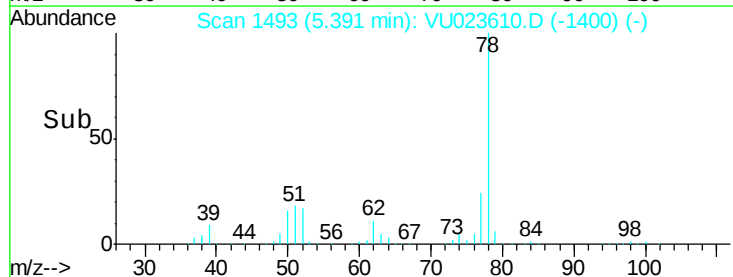
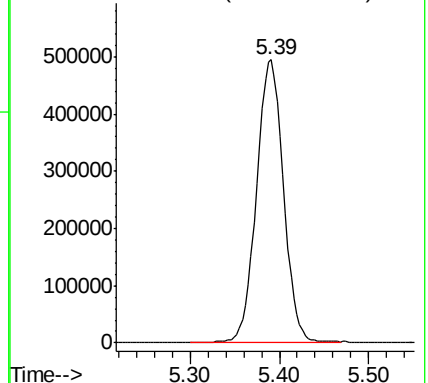
Lab File: VU023610.D

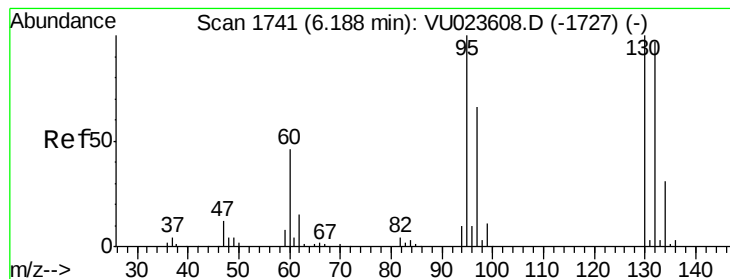
Acq: 03 May 2018 19:00

Tgt Ion: 78 Resp: 1046662



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 20.12 ug/L

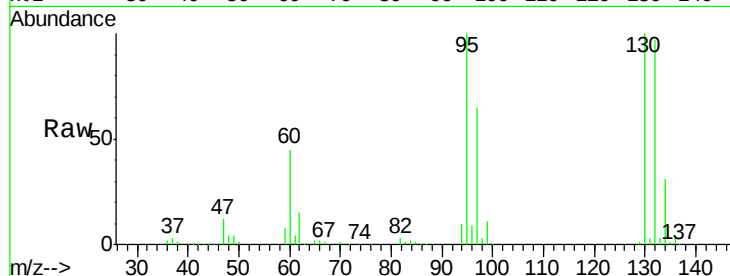
RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

Tgt Ion:	95	Resp:	264182
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.0	85.4
132	97.1	68.1	126.5
130	99.6	70.1	130.1

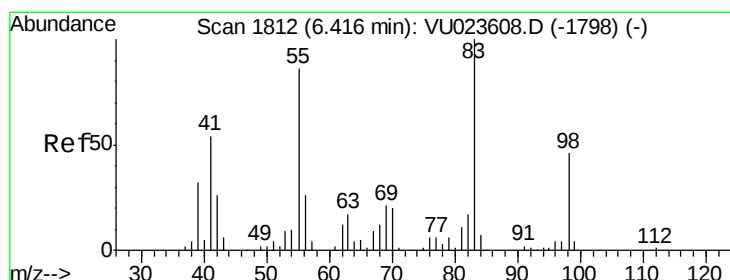
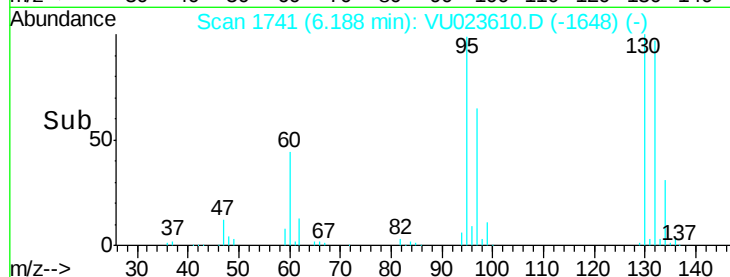
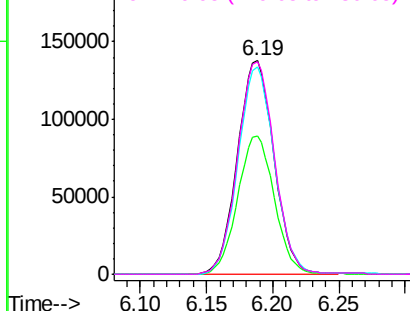


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 21.97 ug/L

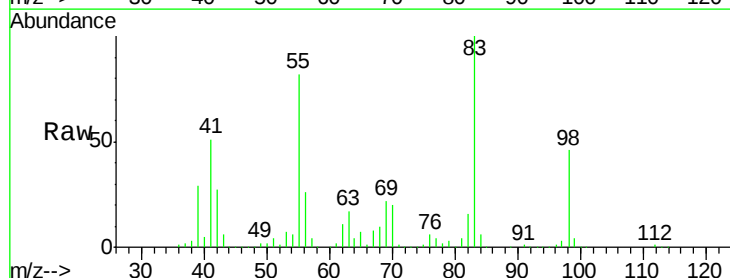
RT: 6.42 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

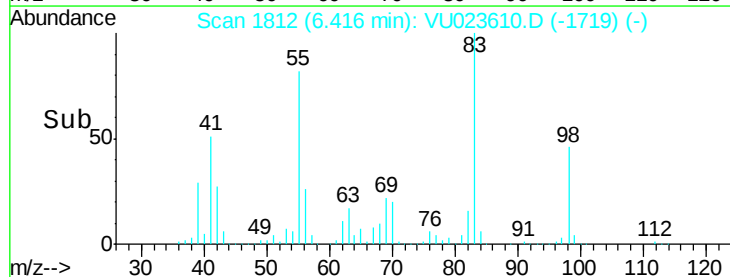
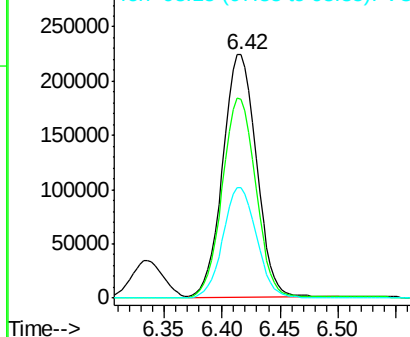
Tgt Ion:	83	Resp:	448463
Ion	Ratio	Lower	Upper
83	100		
55	82.7	68.4	102.6
98	45.7	36.7	55.1

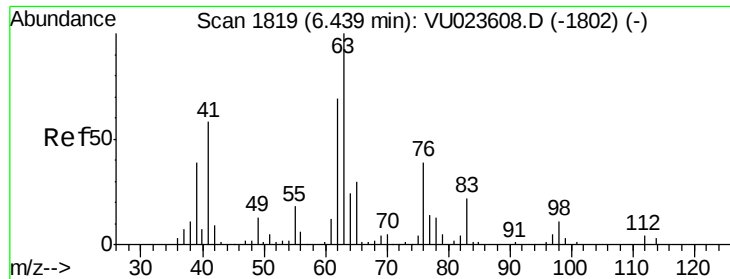


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

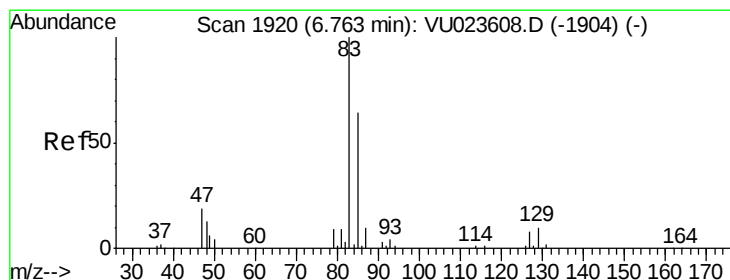
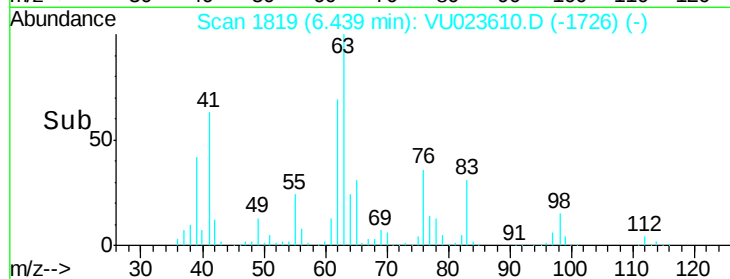
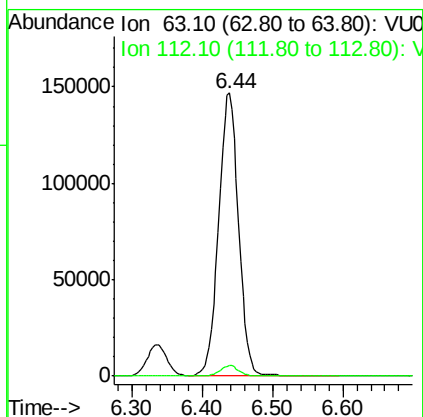
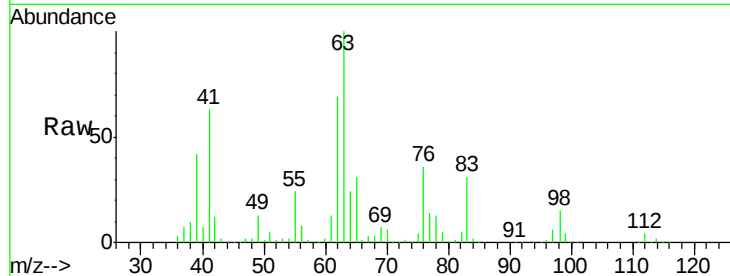
Ion 98.15 (97.85 to 98.85): VU0





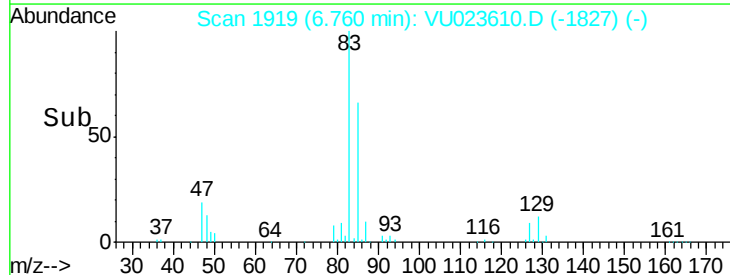
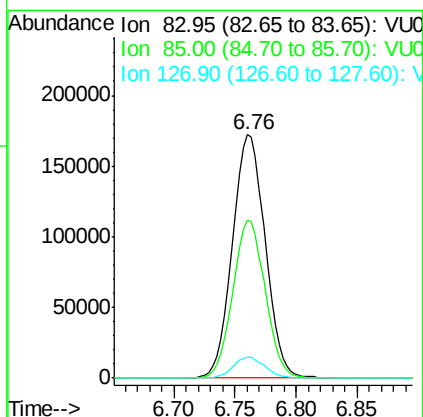
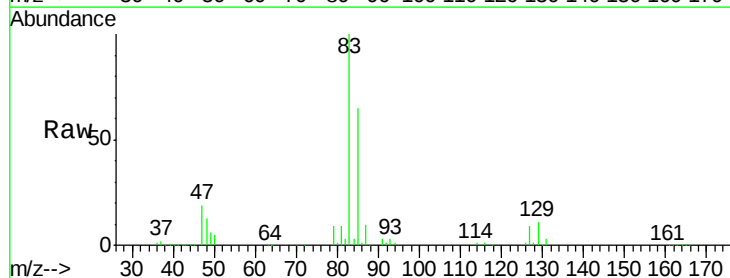
#37
 1,2-Dichloropropane
 Concen: 22.37 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

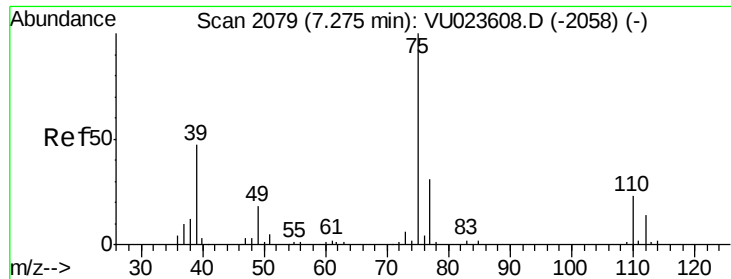
Tgt Ion: 63 Resp: 289759
 Ion Ratio Lower Upper
 63 100
 112 3.5 3.0 4.4



#38
 Bromodichloromethane
 Concen: 22.23 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

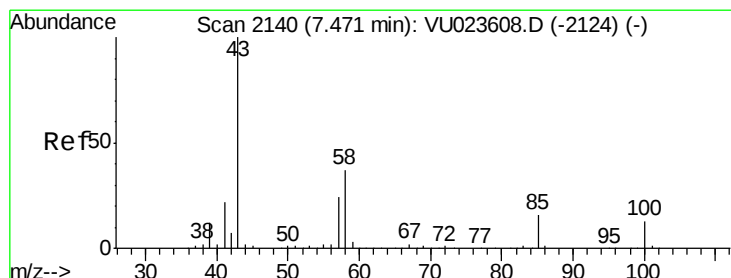
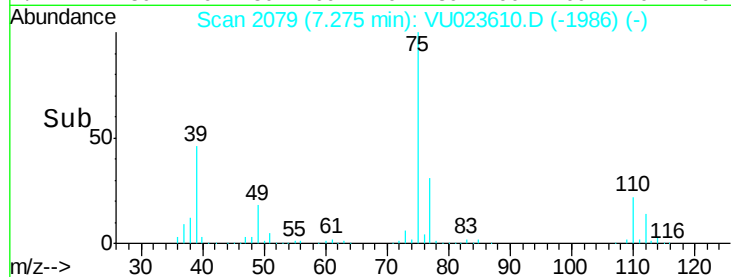
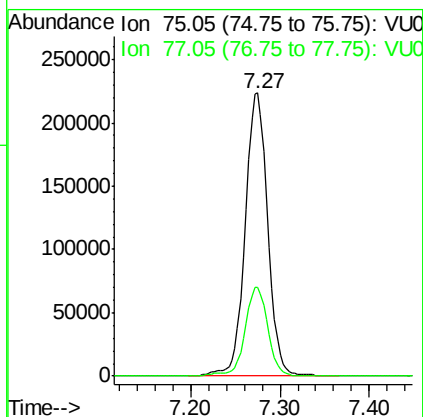
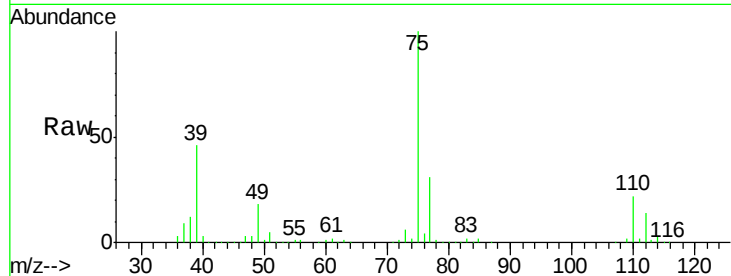
Tgt Ion: 83 Resp: 319966
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.1 83.7
 127 8.6 6.7 10.1





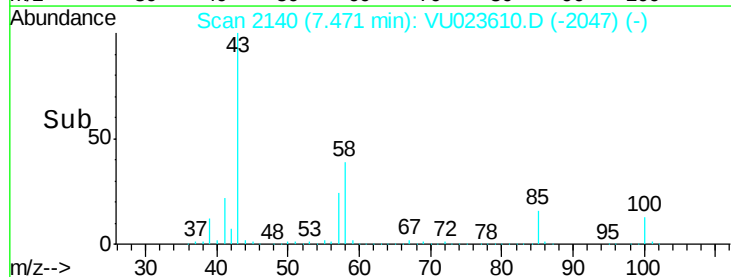
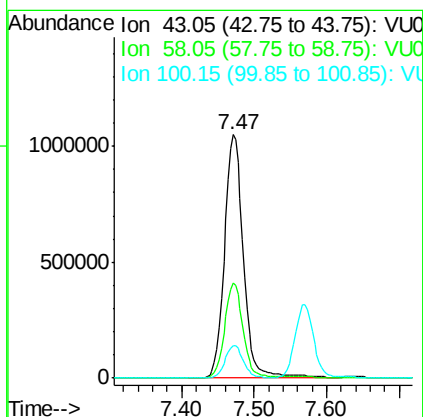
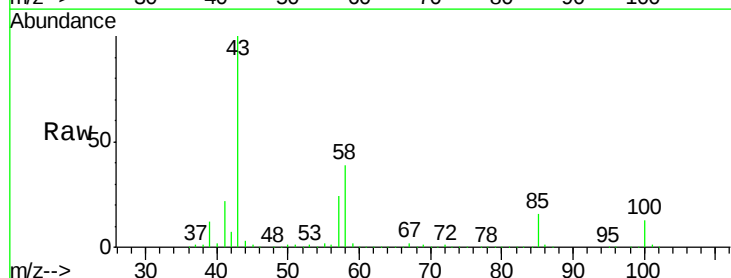
#39
 cis-1,3-Dichloropropene
 Concen: 23.48 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

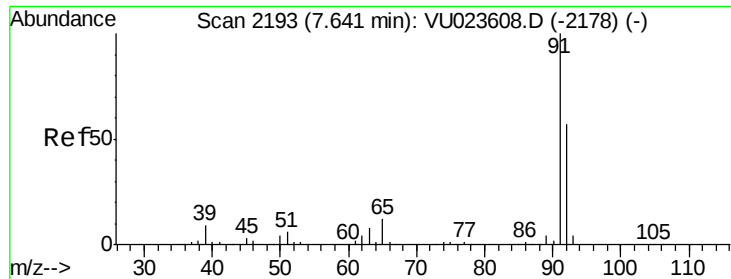
Tgt Ion: 75 Resp: 394654
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 268.42 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion: 43 Resp: 1902517
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.7 44.5
 100 13.1 10.1 15.1





#42

Toluene

Concen: 21.11 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023610.D

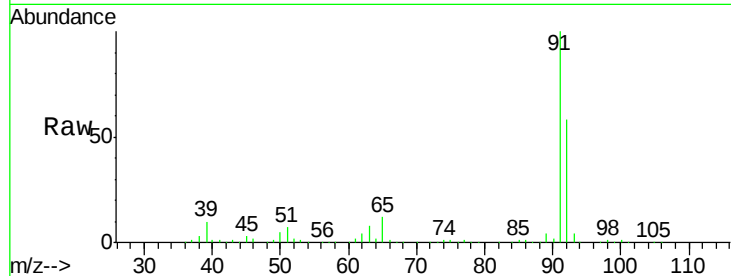
Acq: 03 May 2018 19:00

Tgt Ion: 91 Resp: 1110714

Ion Ratio Lower Upper

91 100

92 57.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

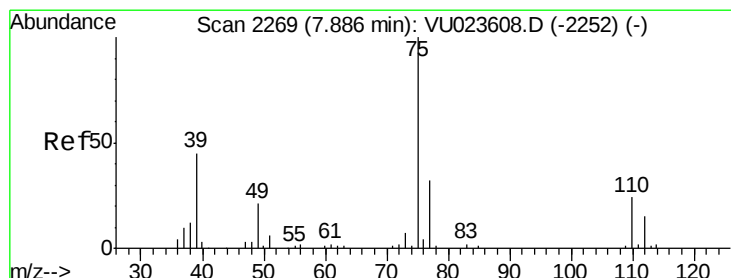
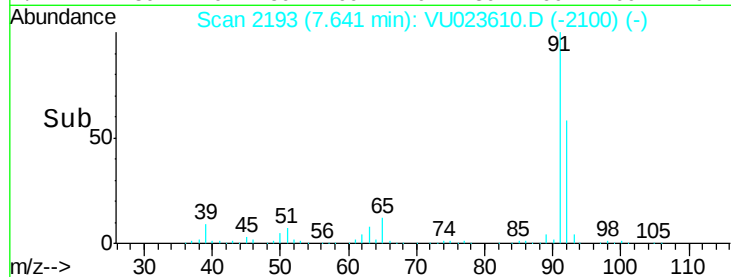
600000

400000

200000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 25.14 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023610.D

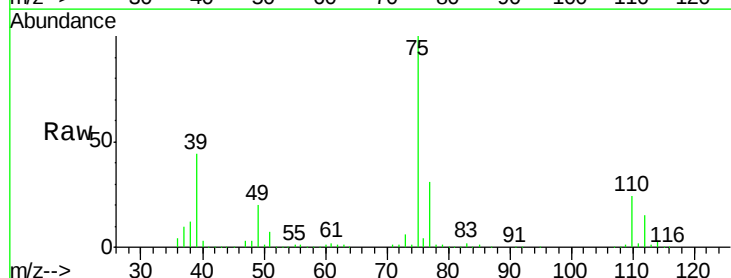
Acq: 03 May 2018 19:00

Tgt Ion: 75 Resp: 322592

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

200000

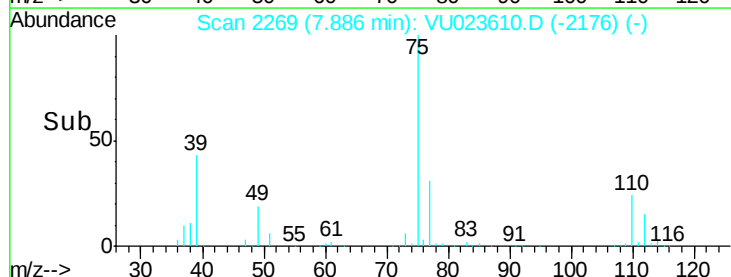
150000

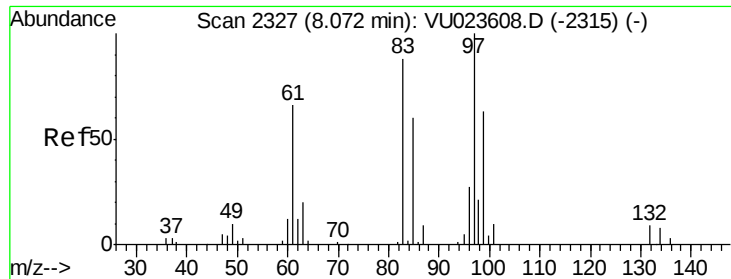
100000

50000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 20.86 ug/L

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

Tgt Ion: 97 Resp: 183698

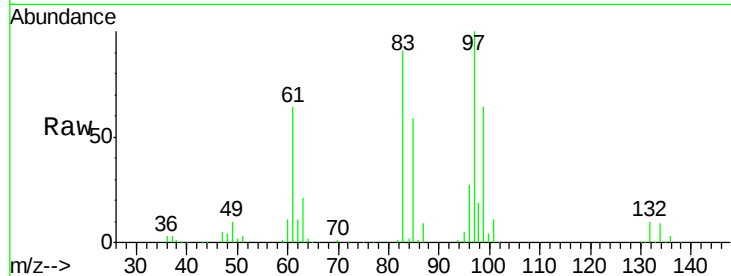
Ion Ratio Lower Upper

97 100

99 64.1 44.0 81.8

83 90.8 61.6 114.4

85 58.7 41.8 77.6

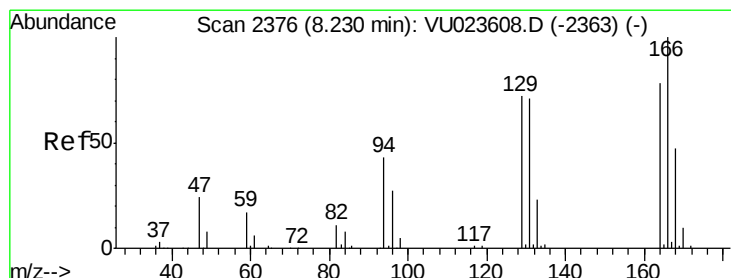
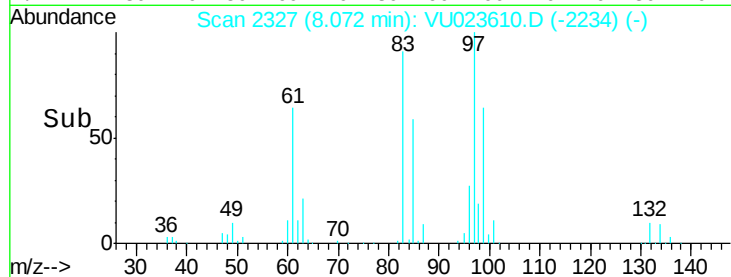
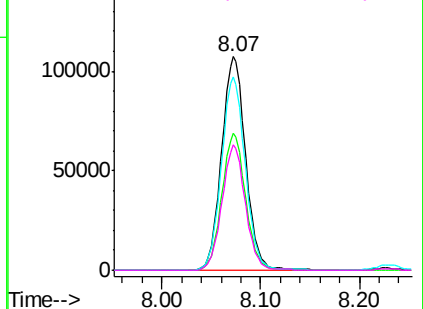


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 19.80 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

Tgt Ion: 164 Resp: 217080

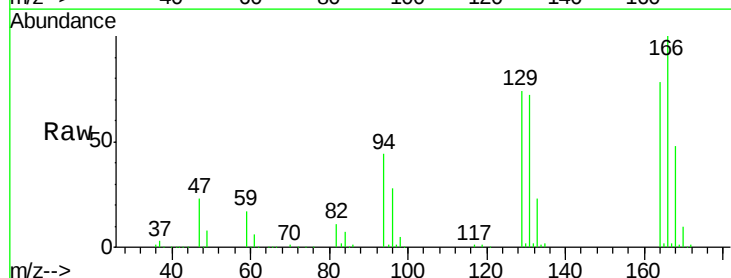
Ion Ratio Lower Upper

164 100

129 94.1 64.4 119.6

131 91.4 63.9 118.7

166 127.5 90.0 167.2

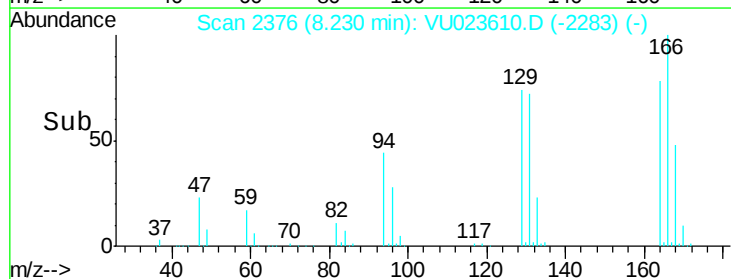
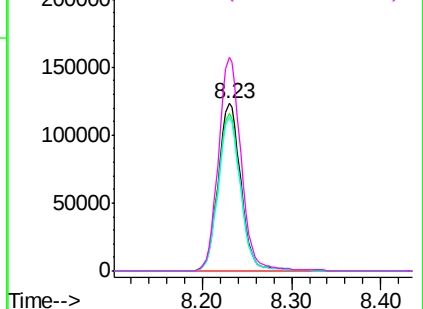


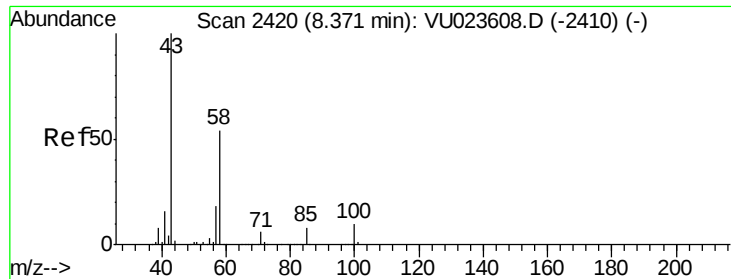
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

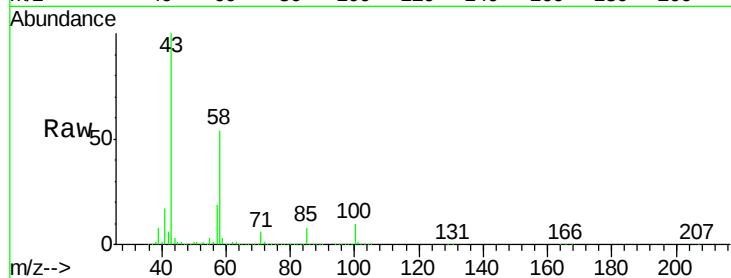




#48
2-Hexanone
Concen: 274.91 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion: 43 Resp: 1388254

Ion	Ratio	Lower	Upper
43	100		
58	53.5	42.1	63.1
57	18.5	14.3	21.5
100	10.3	7.8	11.8

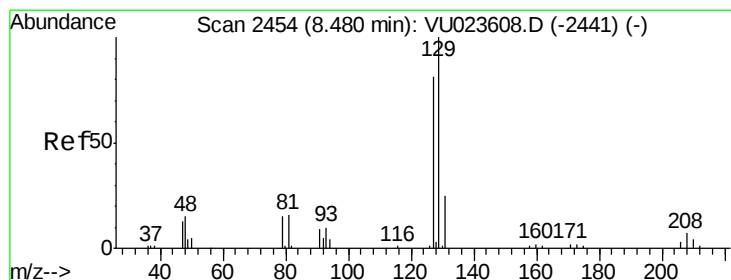
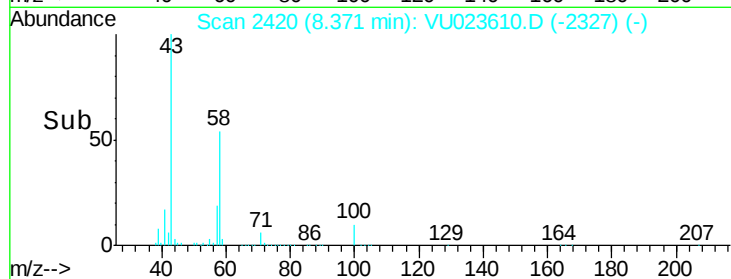
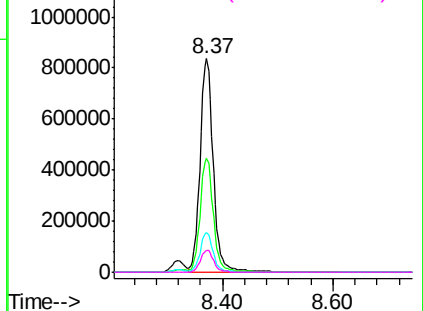


Abundance Ion 43.05 (42.75 to 43.75): VU023610.D (-2327) (-)

Ion 58.05 (57.75 to 58.75): VU023610.D (-2327) (-)

Ion 57.20 (56.90 to 57.90): VU023610.D (-2327) (-)

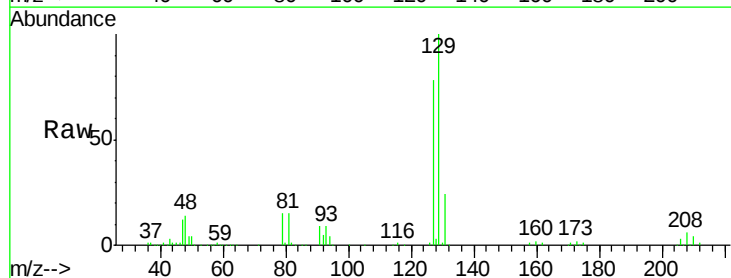
Ion 100.15 (99.85 to 100.85): VU023610.D (-2327) (-)



#49
Dibromochloromethane
Concen: 22.49 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

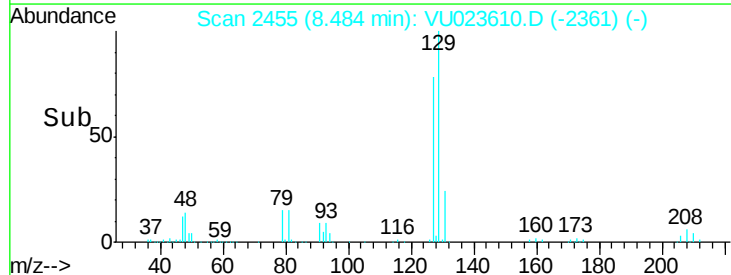
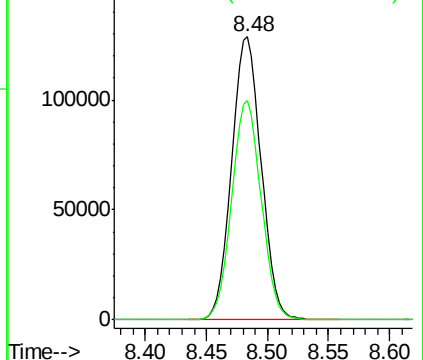
Tgt Ion: 129 Resp: 217054

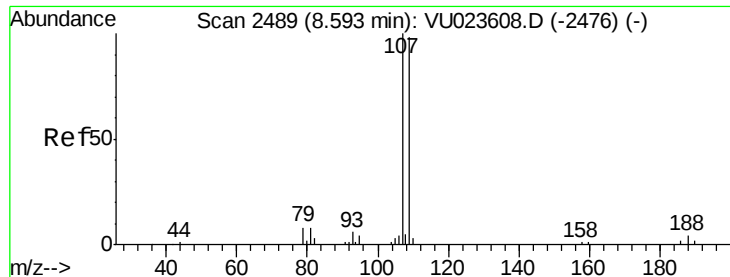
Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.9	105.7



Abundance Ion 128.95 (128.65 to 129.65): VU023610.D (-2361) (-)

Ion 126.90 (126.60 to 127.60): VU023610.D (-2361) (-)





#50

1,2-Dibromoethane

Concen: 21.40 ug/L

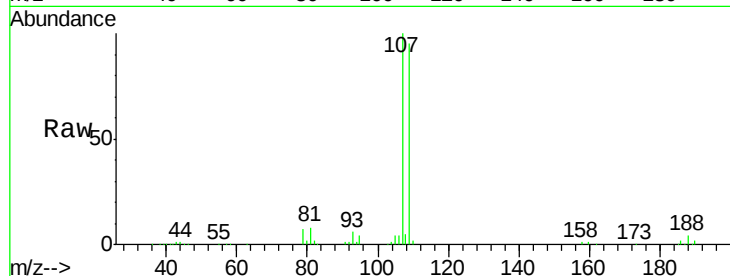
RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

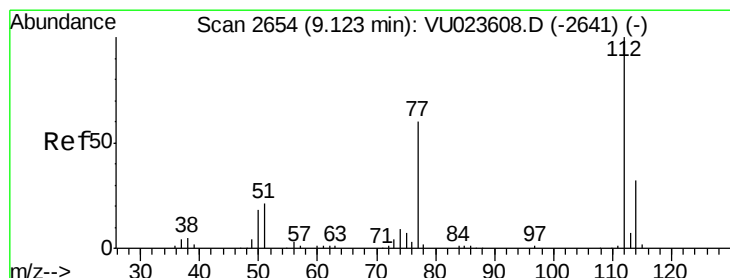
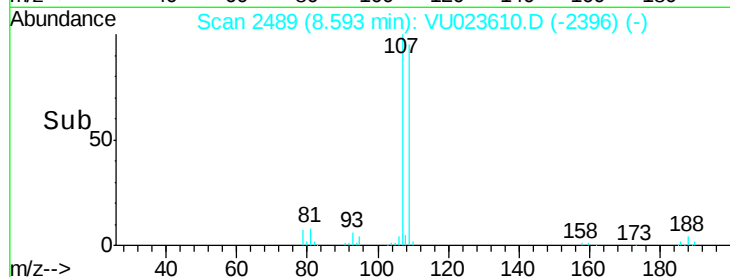
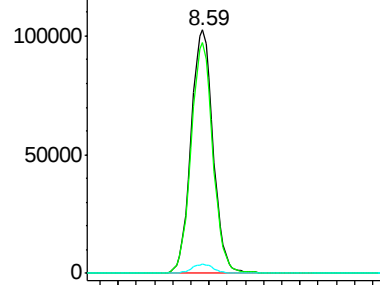
Lab File: VU023610.D

Acq: 03 May 2018 19:00

Tgt Ion:	107	Resp:	172823
Ion	Ratio	Lower	Upper
107	100		
109	94.6	68.4	127.0
188	3.7	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: 20.76 ug/L

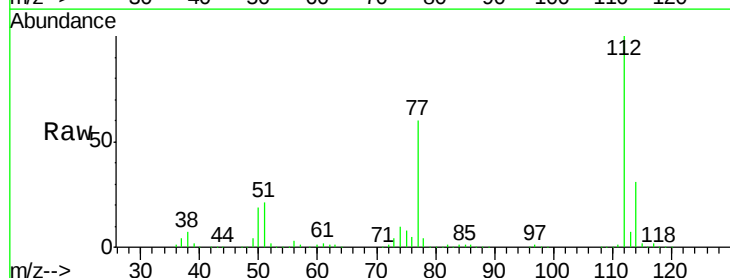
RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

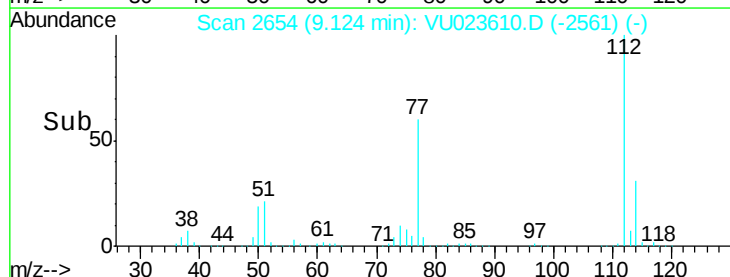
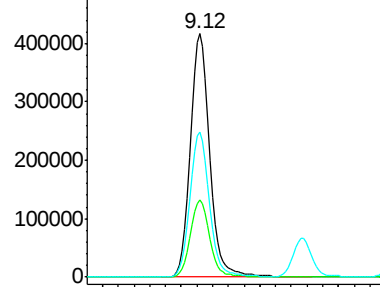
Lab File: VU023610.D

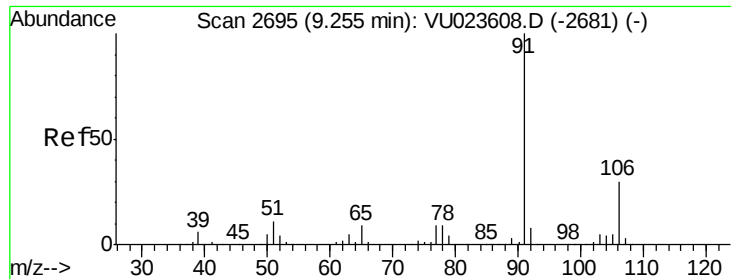
Acq: 03 May 2018 19:00

Tgt Ion:	112	Resp:	706635
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.3	41.3
77	59.5	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: 22.16 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023610.D

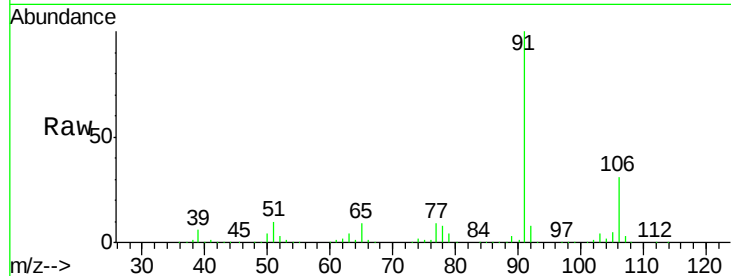
Acq: 03 May 2018 19:00

Tgt Ion: 91 Resp: 1233136

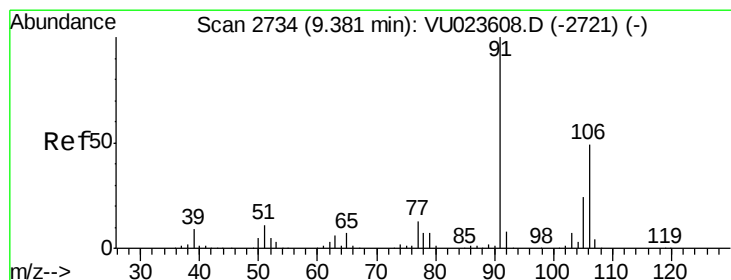
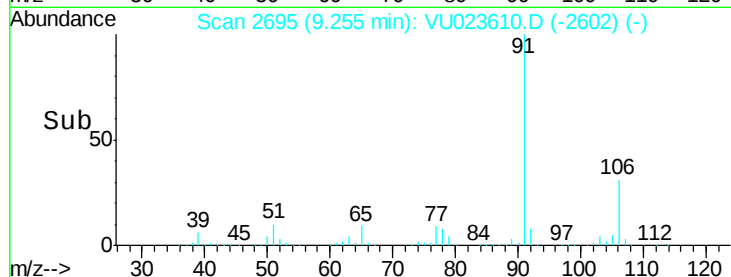
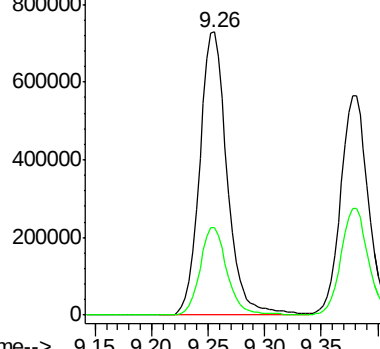
Ion Ratio Lower Upper

91 100

106 30.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023610.D (-2681) (-)



#53

m,p-xylene

Concen: 22.36 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023610.D

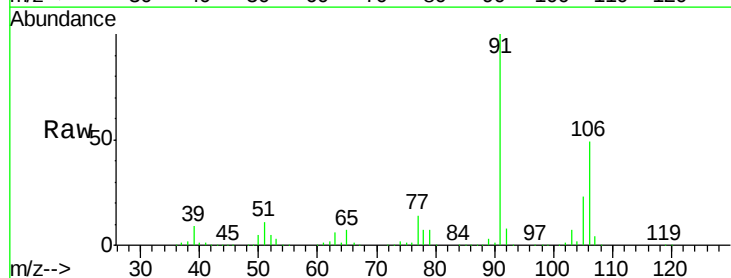
Acq: 03 May 2018 19:00

Tgt Ion: 106 Resp: 470629

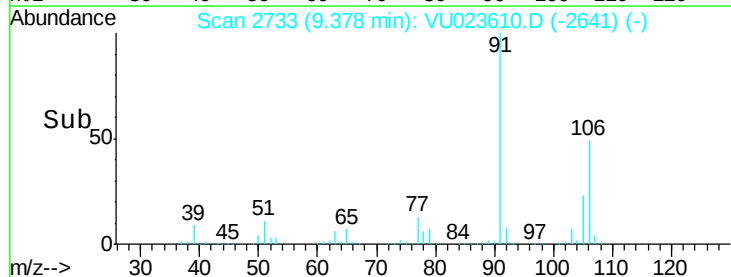
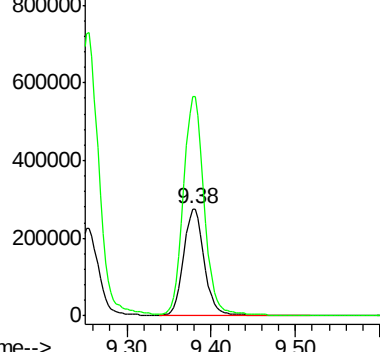
Ion Ratio Lower Upper

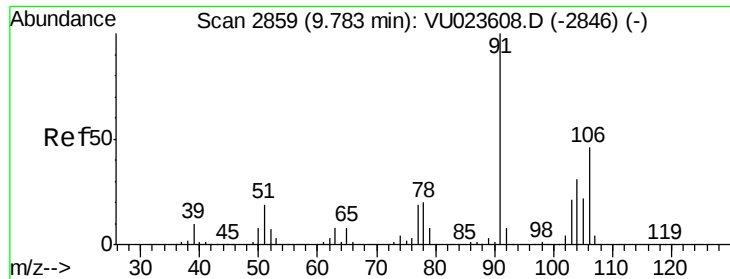
106 100

91 205.1 142.4 264.4



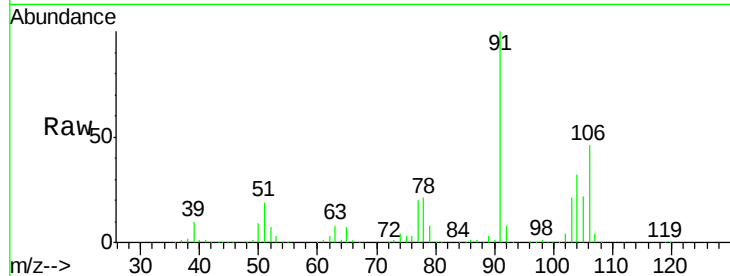
Abundance Ion 106.15 (105.85 to 106.85): VU023610.D (-2721) (-)



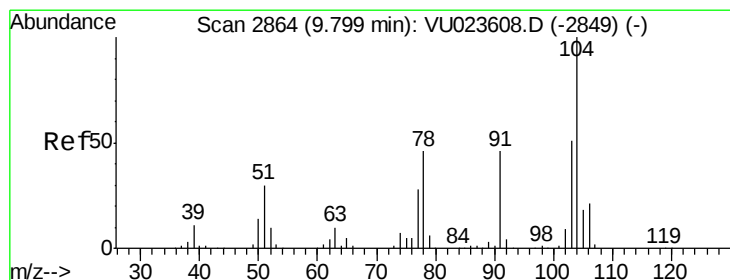
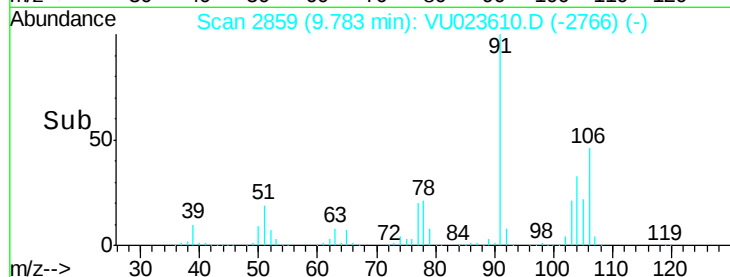
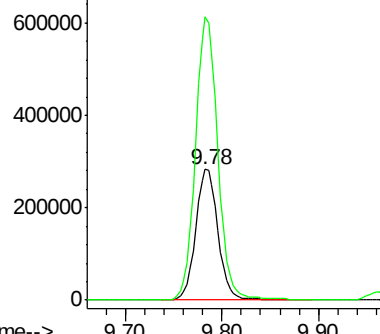


#54
o-xylene
Concen: 22.28 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion:106 Resp: 454227
Ion Ratio Lower Upper
106 100
91 216.2 151.5 281.5

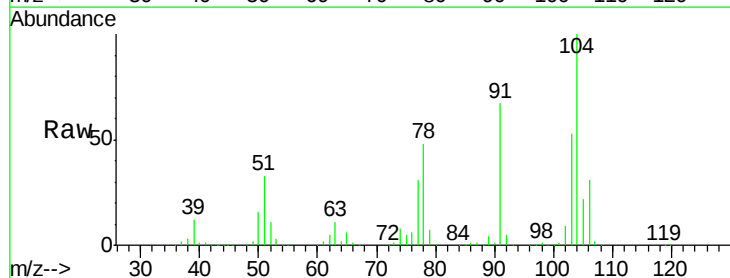


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

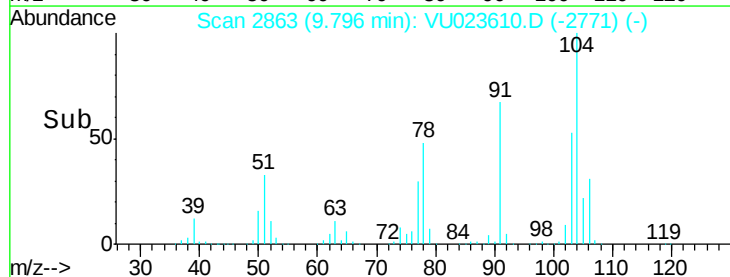
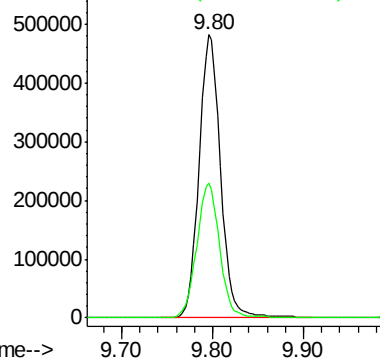


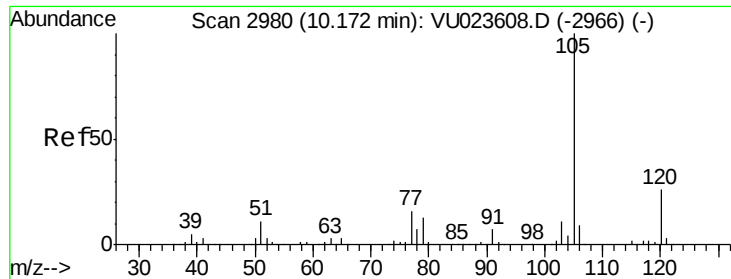
#55
Styrene
Concen: 23.11 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion:104 Resp: 794671
Ion Ratio Lower Upper
104 100
78 47.8 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: 22.83 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

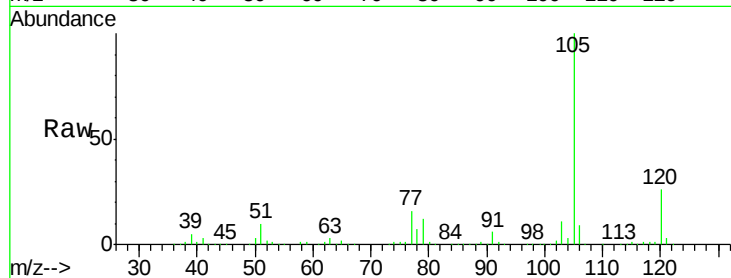
Tgt Ion: 105 Resp: 1204572

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7

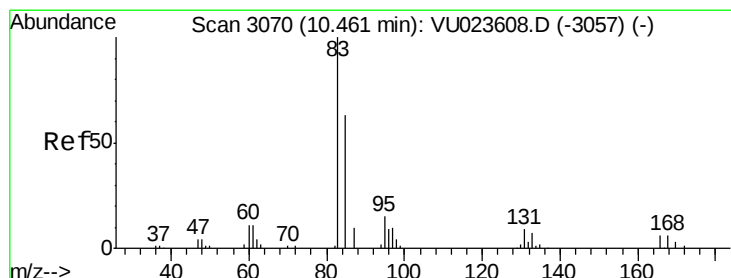
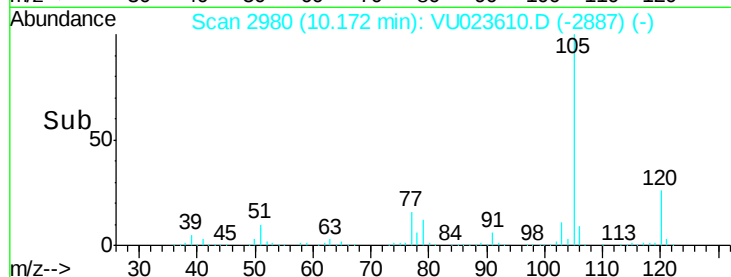
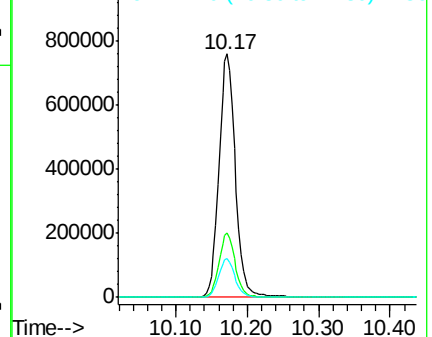
77 16.0 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 22.49 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

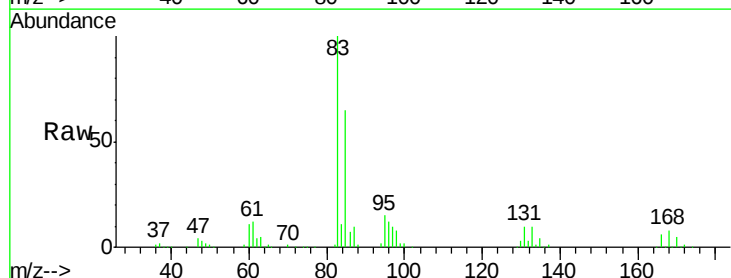
Tgt Ion: 83 Resp: 244741

Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.2

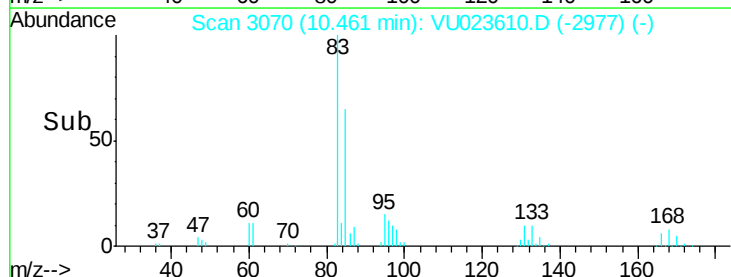
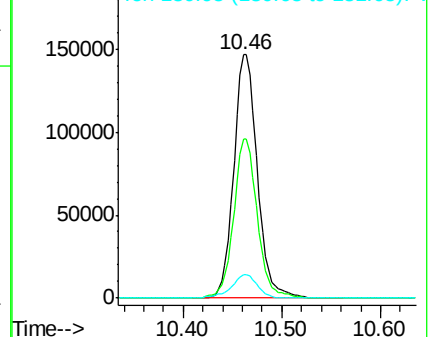
131 9.6 7.3 10.9

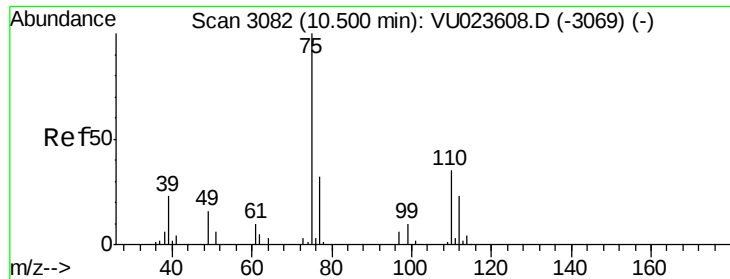


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 22.23 ug/L

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU023610.D

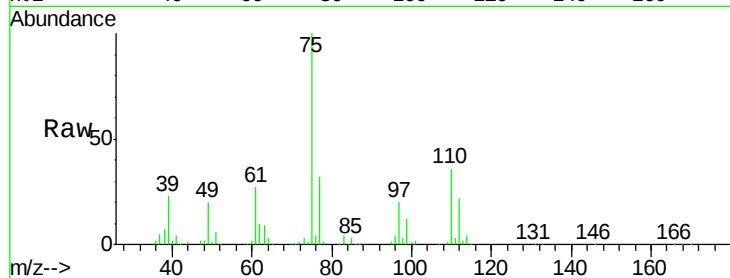
Acq: 03 May 2018 19:00

Tgt Ion: 75 Resp: 172373

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU023610.D (-2460) (-)

Ion 77.00 (76.70 to 77.70): VU023610.D (-2460) (-)

10.50

120000

100000

80000

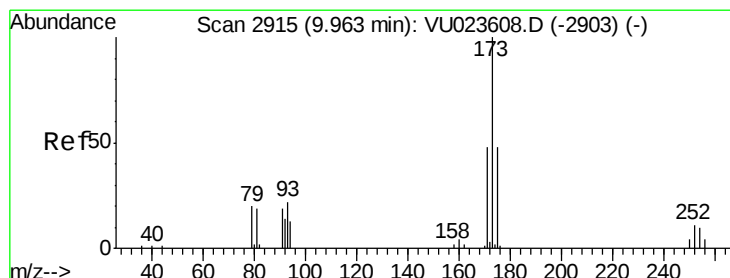
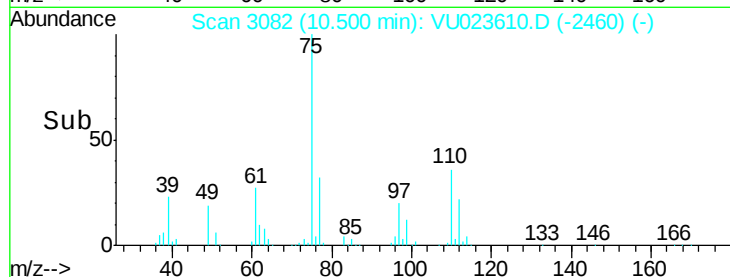
60000

40000

20000

0

Time--> 10.40 10.50 10.60



#61

Bromoform

Concen: 21.55 ug/L

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

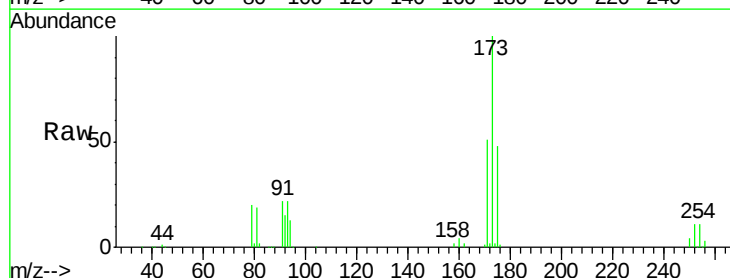
Tgt Ion: 173 Resp: 125945

Ion Ratio Lower Upper

173 100

175 48.5 38.1 57.1

254 11.0 8.6 13.0



Abundance Ion 172.90 (172.60 to 173.60): VU023610.D (-2822) (-)

Ion 174.90 (174.60 to 175.60): VU023610.D (-2822) (-)

Ion 253.75 (253.45 to 254.45): VU023610.D (-2822) (-)

9.96

100000

80000

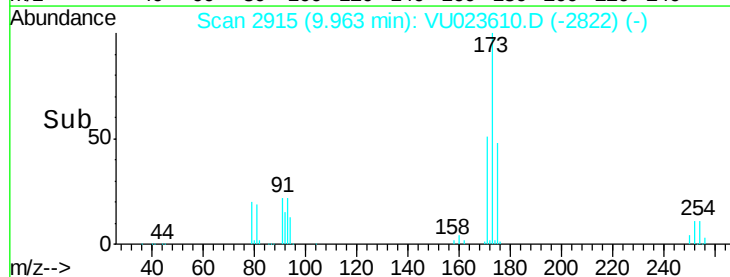
60000

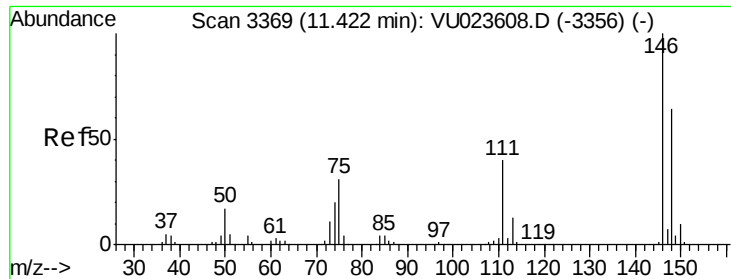
40000

20000

0

Time--> 9.90 10.00





#62

1,3-Dichlorobenzene

Concen: 20.07 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

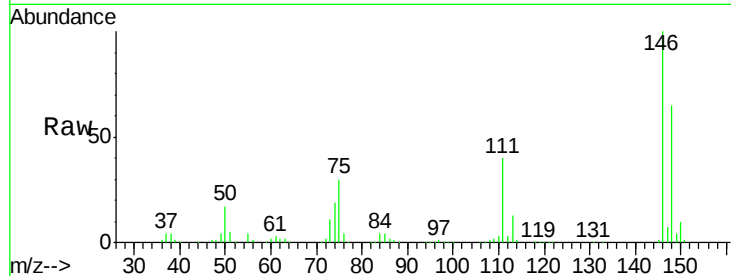
Tgt Ion:146 Resp: 572548

Ion Ratio Lower Upper

146 100

111 40.1 27.9 51.9

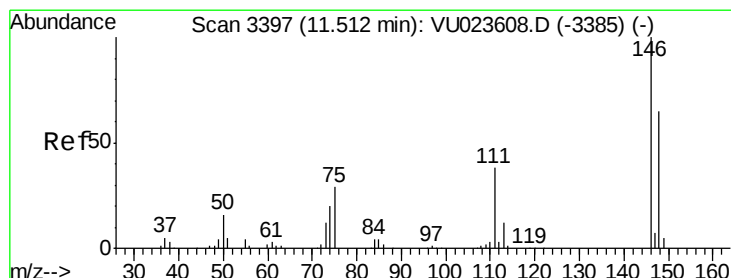
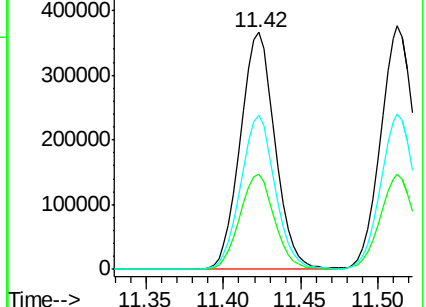
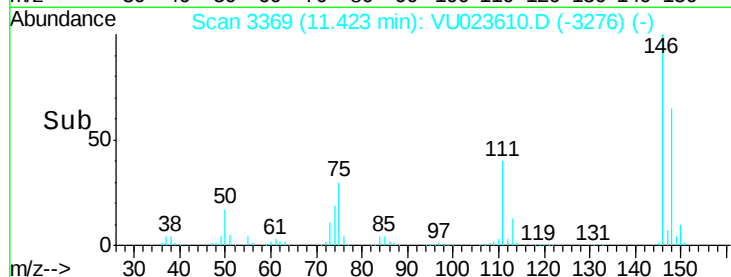
148 65.0 44.7 83.1



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: 20.04 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

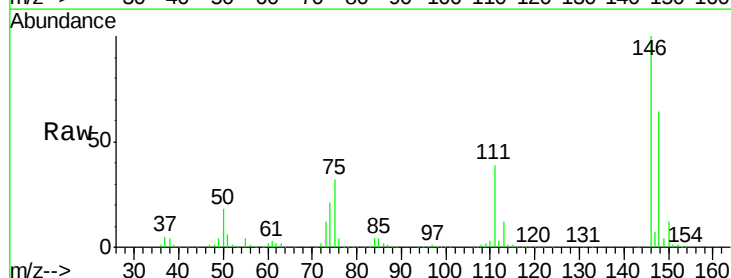
Tgt Ion:146 Resp: 586387

Ion Ratio Lower Upper

146 100

111 38.9 26.7 49.5

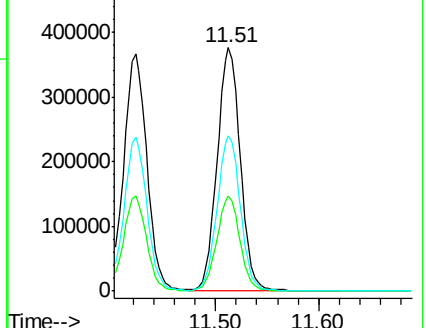
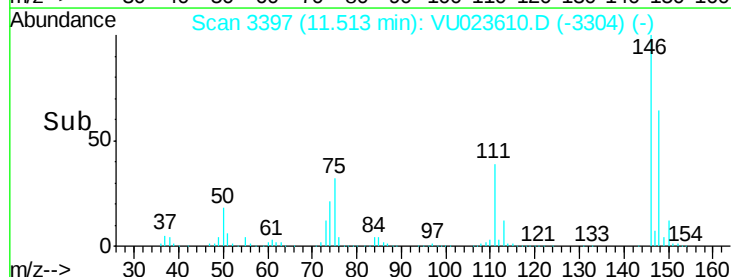
148 63.8 45.4 84.4

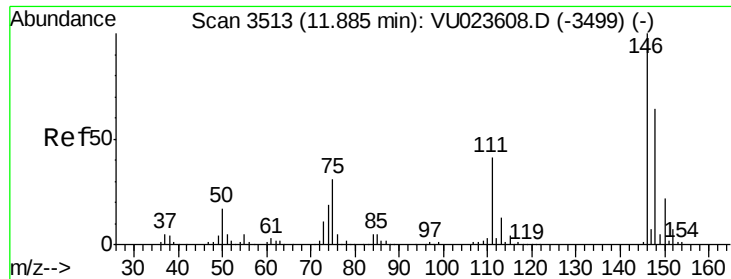


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 20.03 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

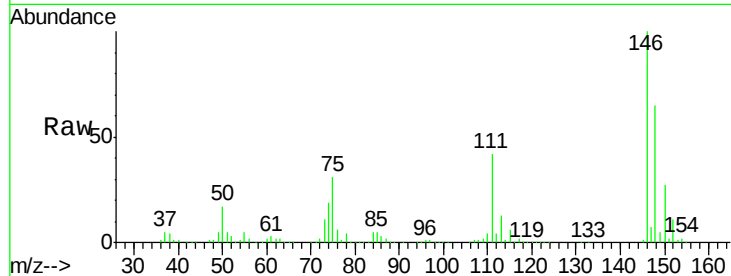
Tgt Ion: 146 Resp: 551131

Ion Ratio Lower Upper

146 100

111 41.6 33.0 49.6

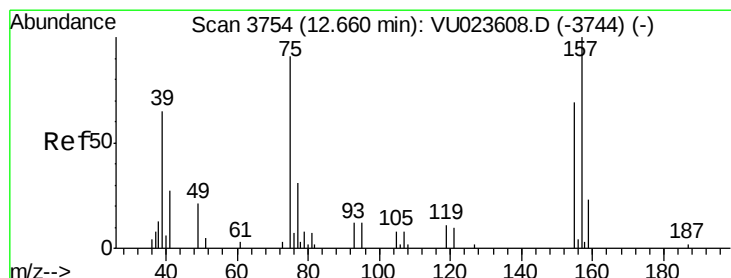
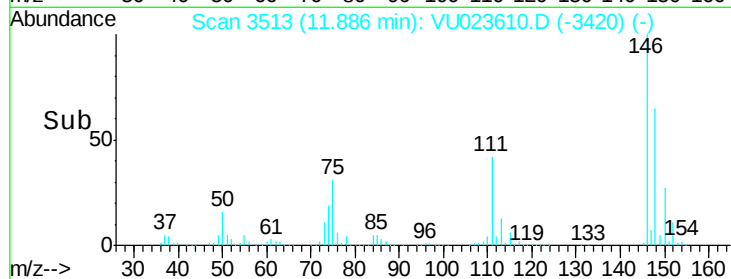
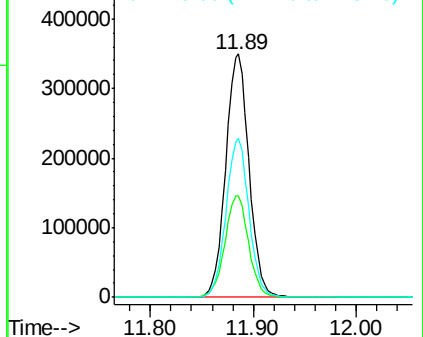
148 65.3 50.8 76.2



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: 23.88 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU023610.D

Acq: 03 May 2018 19:00

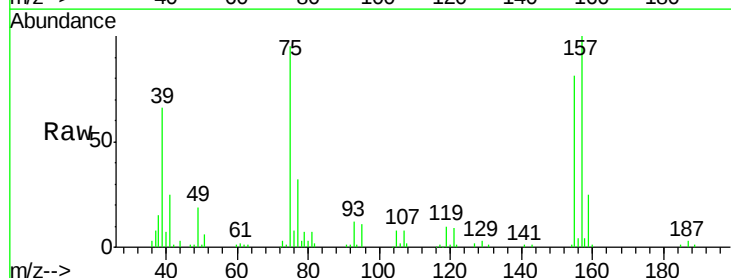
Tgt Ion: 75 Resp: 37555

Ion Ratio Lower Upper

75 100

155 85.9 60.6 90.8

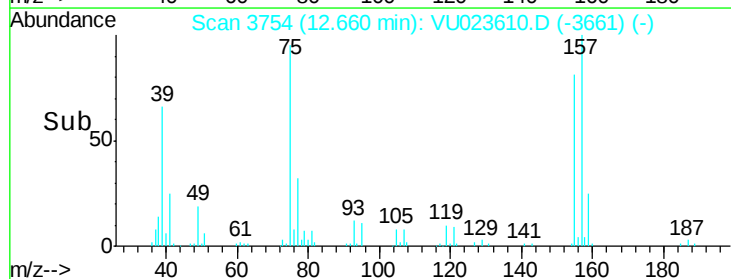
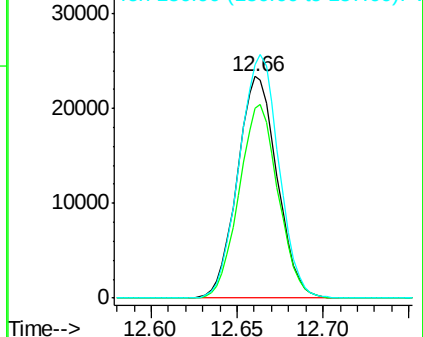
157 105.7 87.7 131.5

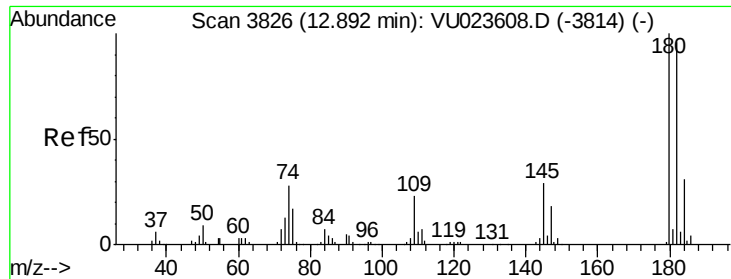


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

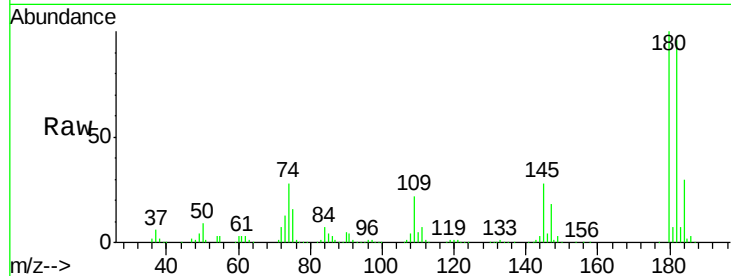
Ion 156.90 (156.60 to 157.60): V



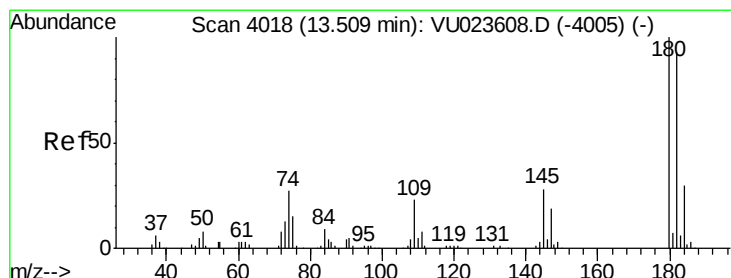
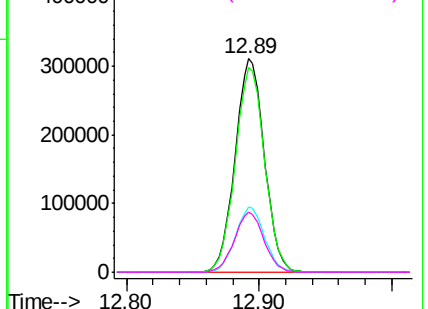
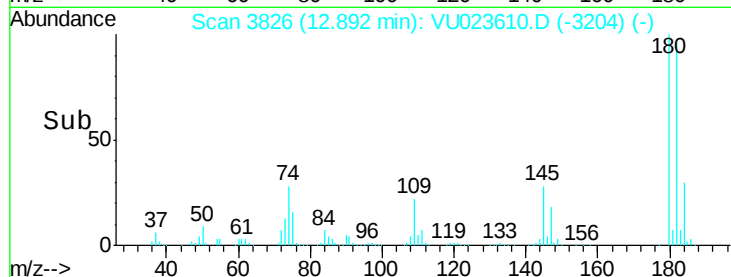


#67
 1,3,5-Trichlorobenzene
 Concen: 20.32 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion:	180	Resp:	474892
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
184	30.4	24.4	36.6
145	28.2	22.8	34.2

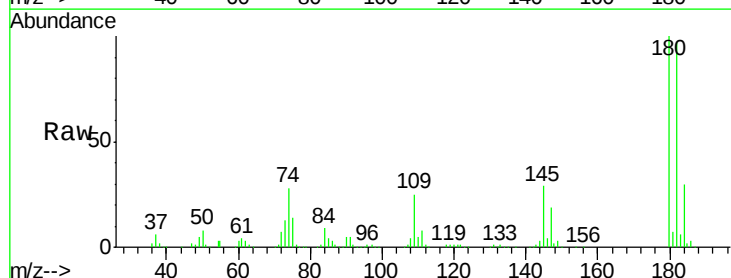


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

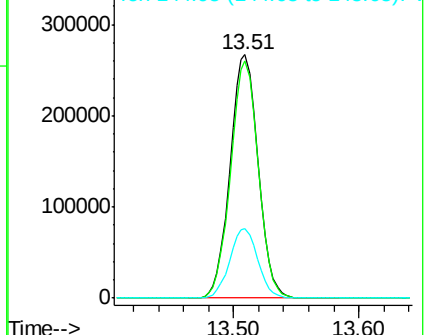
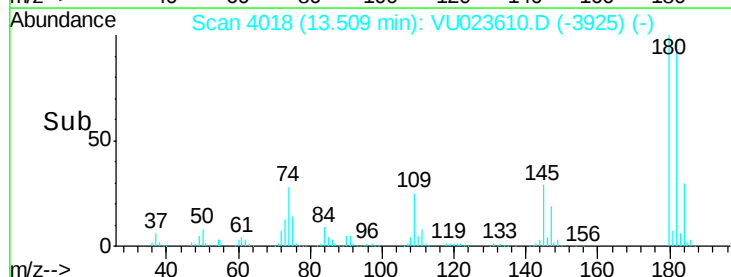


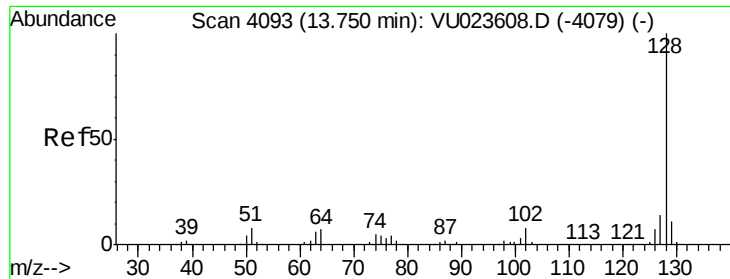
#68
 1,2,4-trichlorobenzene
 Concen: 21.16 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023610.D
 Acq: 03 May 2018 19:00

Tgt Ion:	180	Resp:	413405
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	28.5	22.5	33.7



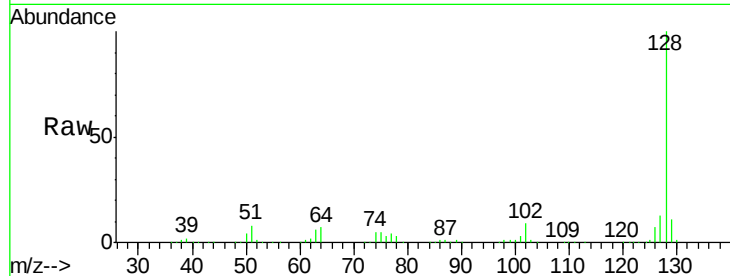
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



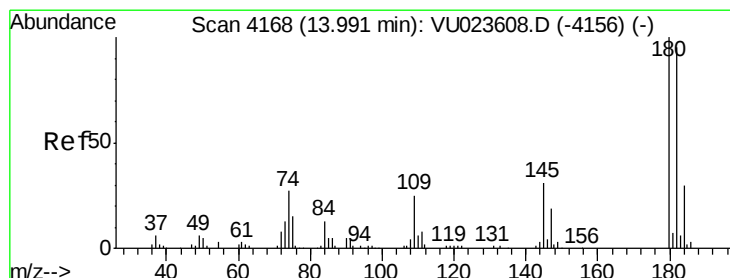
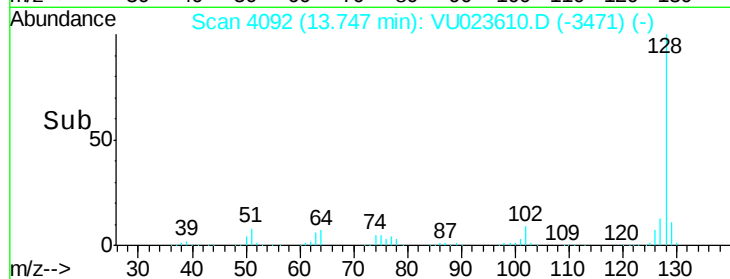
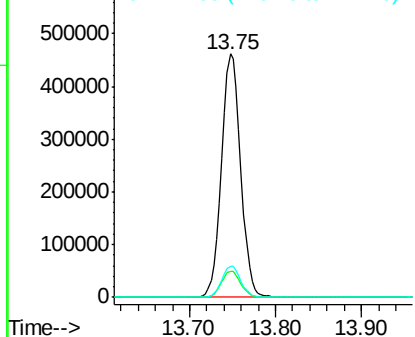


#69
Naphthalene
Concen: 23.14 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion:128 Resp: 714604
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.5 15.7

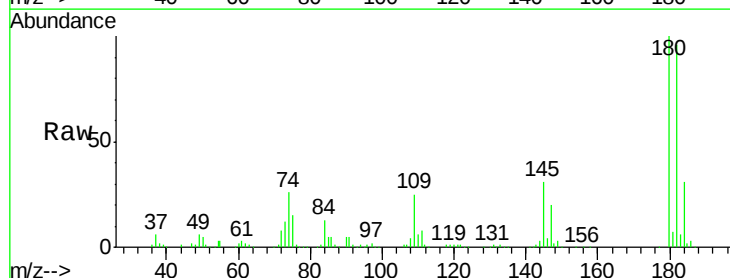


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 20.97 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023610.D
Acq: 03 May 2018 19:00

Tgt Ion:180 Resp: 385039
Ion Ratio Lower Upper
180 100
182 95.6 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

