

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023657.D
 Acq On : 05 May 2018 03:01
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: May 05 04:01:38 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	157997	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	79248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50276	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	41330	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.27	63	95140	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.20	46	157060	47.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.65	84	95646	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.31	65	53289	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.34	84	194078	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.34	67	65626	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.57	98	187564	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	21258	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.32	63	126926	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52380	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	69313	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74116	4.97	ug/L	100
3) Chloromethane	1.33	50	72265	4.46	ug/L	100
5) Vinyl chloride	1.40	62	72826	4.93	ug/L	99
6) Bromomethane	1.63	94	21797	2.76	ug/L	100
8) Chloroethane	1.70	64	42026	4.66	ug/L	96
9) Trichlorofluoromethane	1.89	101	86749	5.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49242	5.01	ug/L	99
12) 1,1-Dichloroethene	2.28	96	45743	4.92	ug/L	93
13) Acetone	2.32	43	92105	48.62	ug/L	99
14) Carbon disulfide	2.47	76	162822	4.85	ug/L	99
15) Methyl Acetate	2.62	43	26626	5.00	ug/L	99
16) Methylene chloride	2.70	84	52814	4.95	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	124572	5.20	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	51553	5.01	ug/L	97
19) 1,1-Dichloroethane	3.45	63	110387	5.66	ug/L	99
21) 2-Butanone	4.28	43	170728	48.73	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	61280	5.02	ug/L	98

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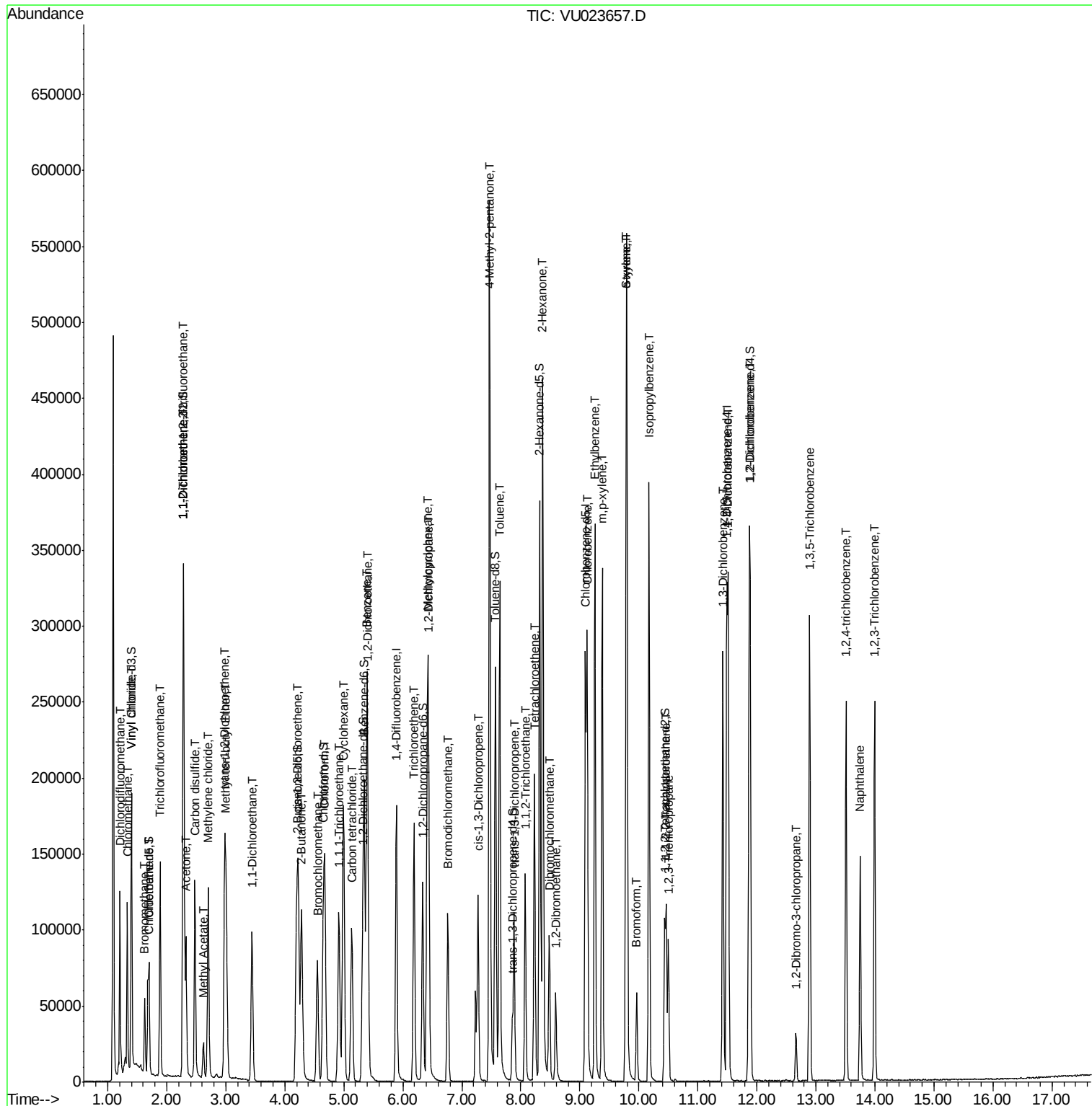
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

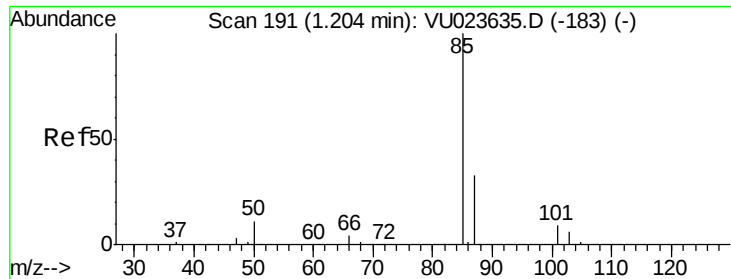
23) Bromochloromethane	4.55	128	26221	4.96	ug/L	98
25) Chloroform	4.68	83	111498	5.28	ug/L	97
27) 1,2-Dichloroethane	5.41	62	69199	5.14	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	85914	4.98	ug/L	99
30) Cyclohexane	4.99	56	89283	4.56	ug/L	100
31) Carbon tetrachloride	5.13	117	74847	5.21	ug/L	99
33) Benzene	5.39	78	234131	4.87	ug/L	100
34) Trichloroethene	6.19	95	58998	4.71	ug/L	99
35) Methylcyclohexane	6.42	83	82768	4.36	ug/L	97
37) 1,2-Dichloropropane	6.44	63	64932	4.85	ug/L	100
38) Bromodichloromethane	6.76	83	72382	4.93	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	73328	4.39	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	398172	48.83	ug/L	99
42) Toluene	7.64	91	249162	5.09	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	61334	4.51	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	43590	5.19	ug/L	99
47) Tetrachloroethene	8.23	164	48679	4.91	ug/L	99
48) 2-Hexanone	8.37	43	300219	50.84	ug/L	99
49) Dibromochloromethane	8.48	129	47351	4.93	ug/L	94
50) 1,2-Dibromoethane	8.59	107	39850	5.08	ug/L	95
51) Chlorobenzene	9.12	112	155505	4.84	ug/L	99
52) Ethylbenzene	9.26	91	252573	4.85	ug/L	99
53) m,p-xylene	9.38	106	98417	5.04	ug/L	98
54) o-xylene	9.78	106	92526	5.01	ug/L	100
55) Styrene	9.80	104	167358	5.17	ug/L	98
56) Isopropylbenzene	10.17	105	245152	5.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	54908	4.92	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	39261	4.98	ug/L	99
61) Bromoform	9.96	173	26736	4.99	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	117129	4.88	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	124650	4.92	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	119669	5.11	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8133	5.14	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	98894	4.84	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	80753	4.80	ug/L	99
69) Naphthalene	13.75	128	119044	4.65	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	78354	4.96	ug/L	98

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

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#2

Dichlorodifluoromethane

Concen: 4.97 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023657.D

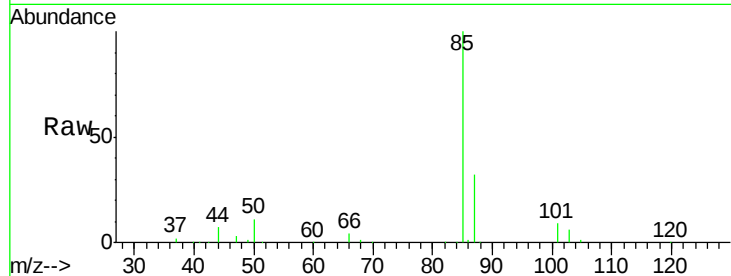
Acq: 05 May 2018 03:01

Tgt Ion: 85 Resp: 74116

Ion Ratio Lower Upper

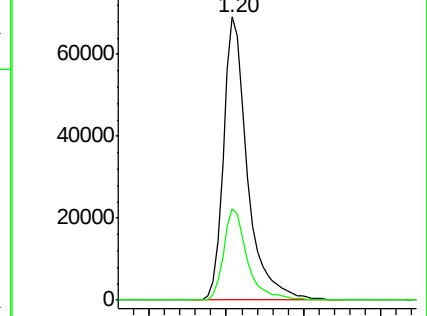
85 100

87 32.4 26.1 39.1

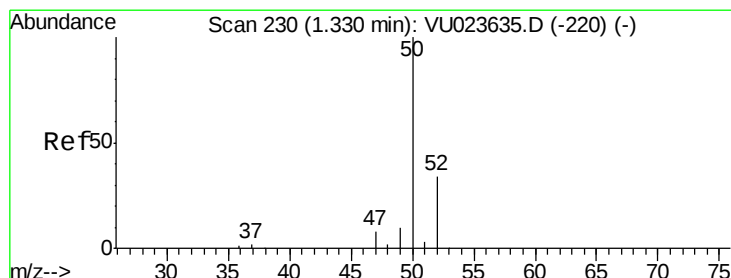
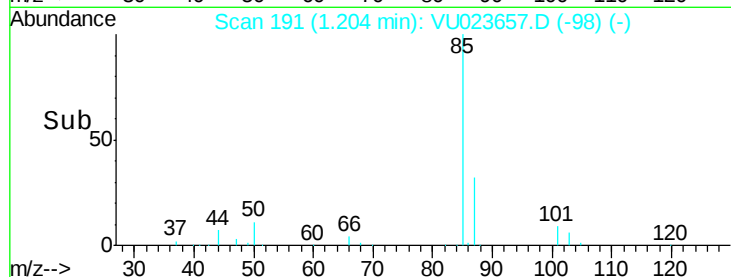


Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



Time-->



#3

Chloromethane

Concen: 4.46 ug/L

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023657.D

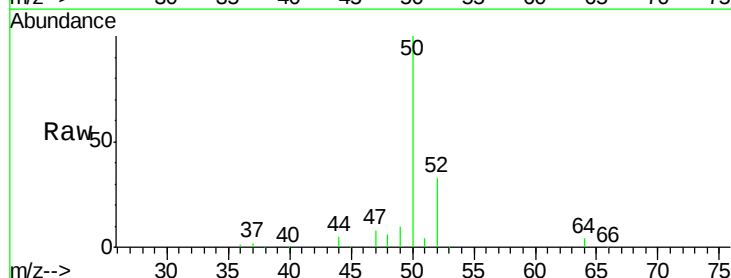
Acq: 05 May 2018 03:01

Tgt Ion: 50 Resp: 72265

Ion Ratio Lower Upper

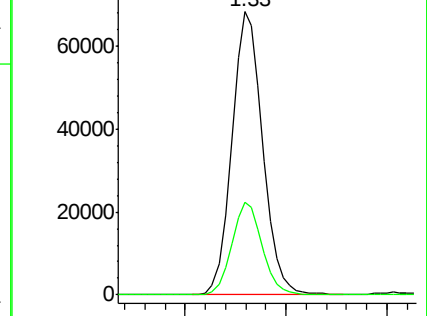
50 100

52 32.6 22.8 42.4

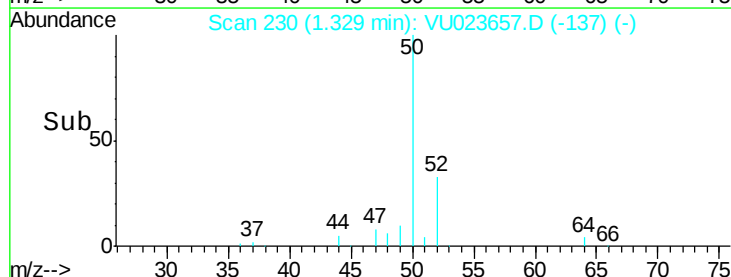


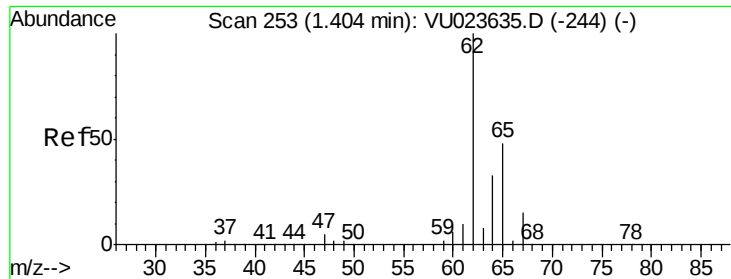
Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->





#5

Vinyl chloride

Concen: 4.93 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023657.D

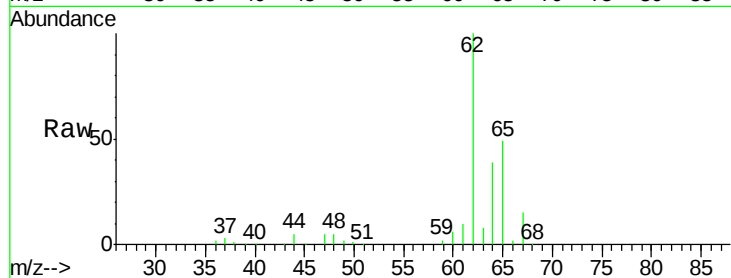
Acq: 05 May 2018 03:01

Tgt Ion: 62 Resp: 72826

Ion Ratio Lower Upper

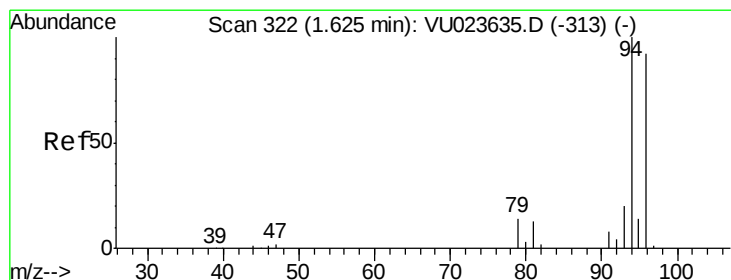
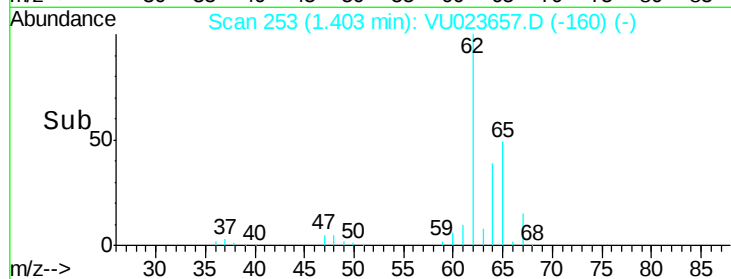
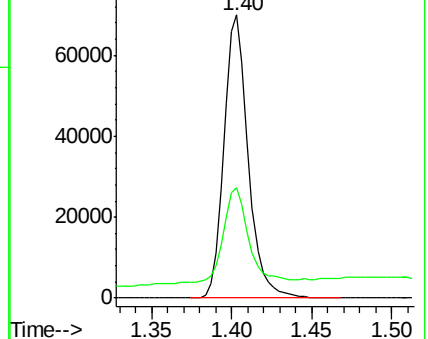
62 100

64 38.9 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: 2.76 ug/L

RT: 1.63 min Scan# 322

Delta R.T. -0.00 min

Lab File: VU023657.D

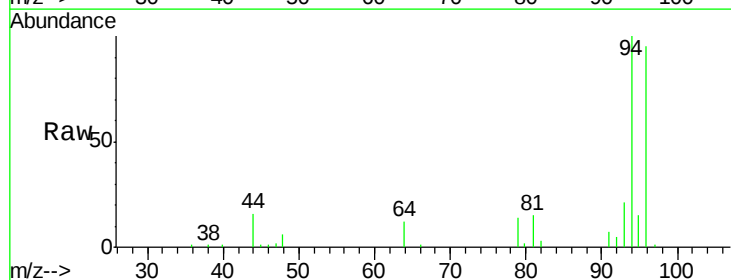
Acq: 05 May 2018 03:01

Tgt Ion: 94 Resp: 21797

Ion Ratio Lower Upper

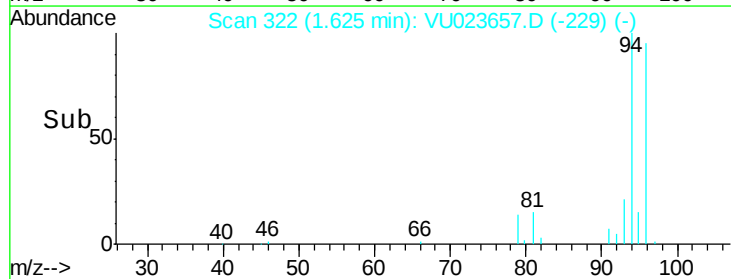
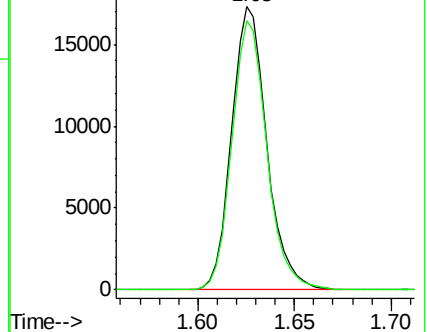
94 100

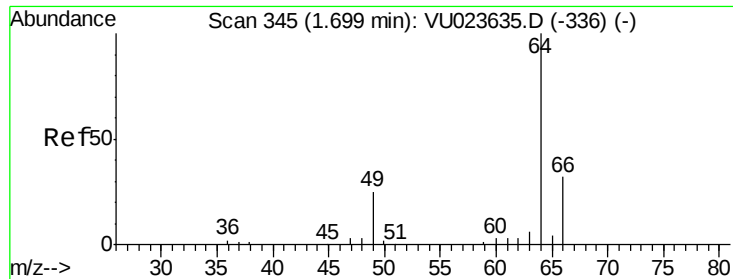
96 95.1 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

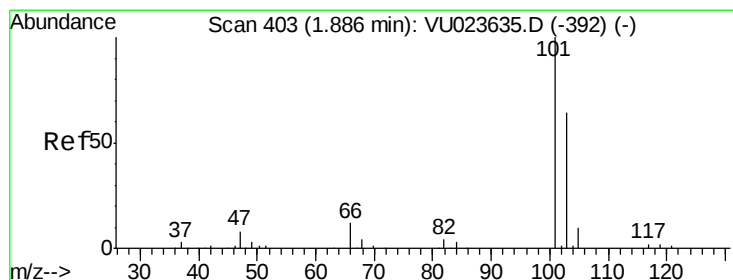
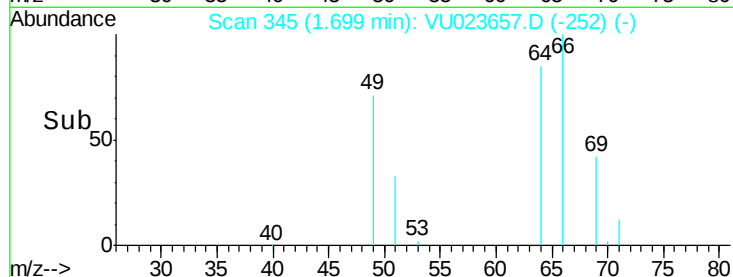
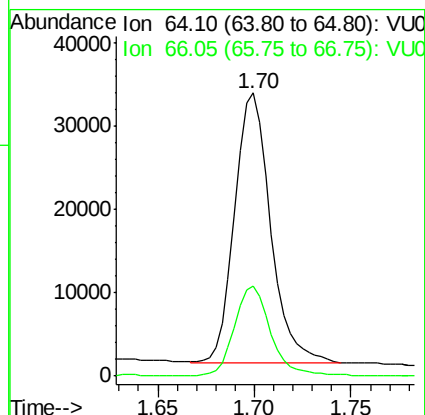
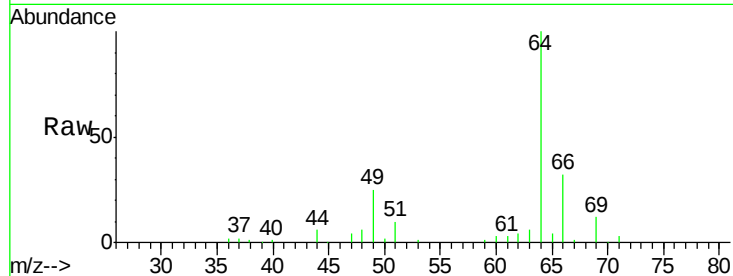
Ion 96.00 (95.70 to 96.70): VU0





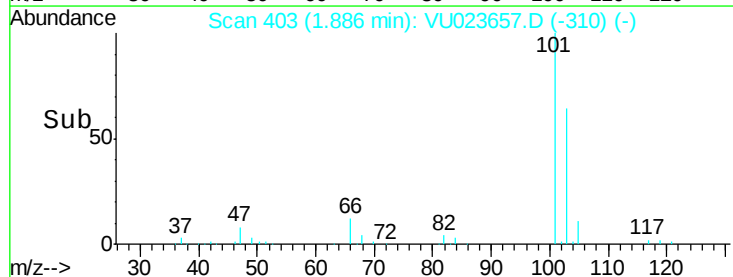
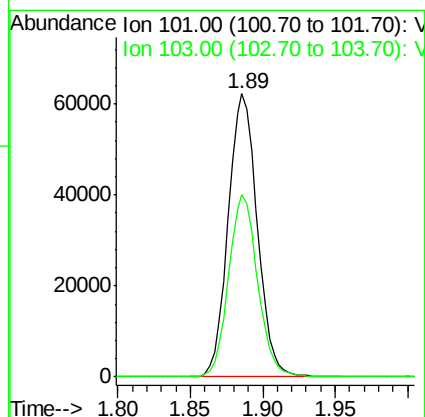
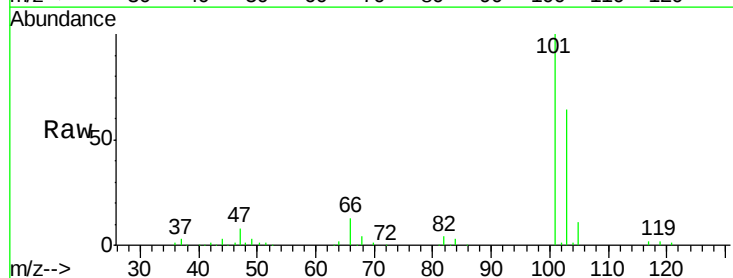
#8
Chloroethane
Concen: 4.66 ug/L
RT: 1.70 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

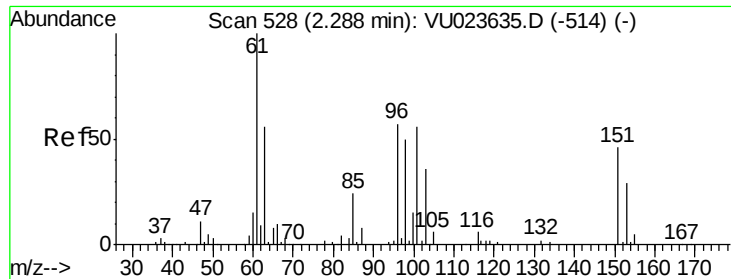
Tgt Ion: 64 Resp: 42026
Ion Ratio Lower Upper
64 100
66 31.7 20.6 38.2



#9
Trichlorofluoromethane
Concen: 5.22 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion: 101 Resp: 86749
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

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

Concen: 5.01 ug/L

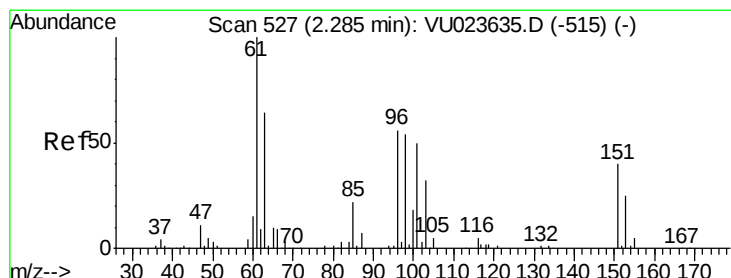
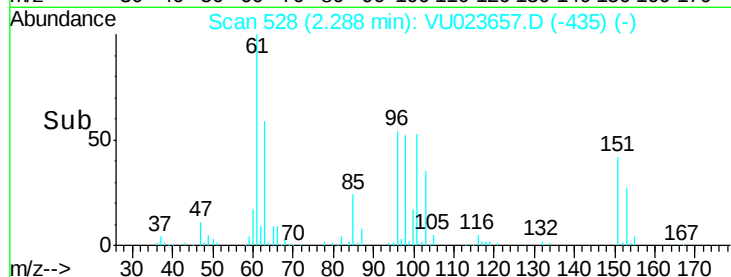
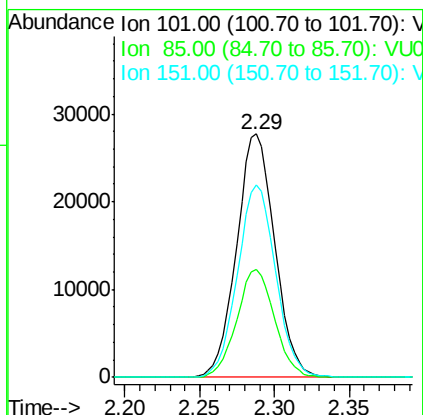
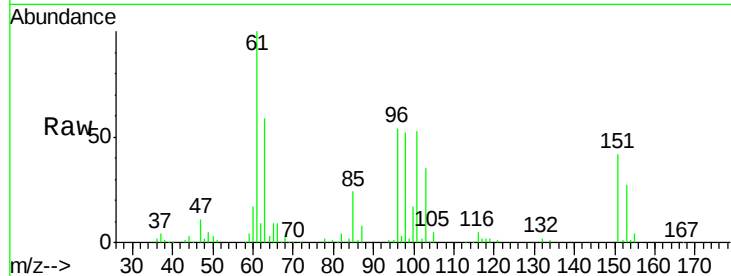
RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

Tgt Ion:	101	Resp:	49242
Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.5	51.7
151	79.1	62.9	94.3



#12

1,1-Dichloroethene

Concen: 4.92 ug/L

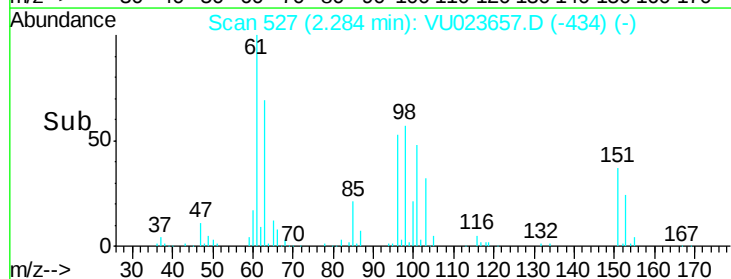
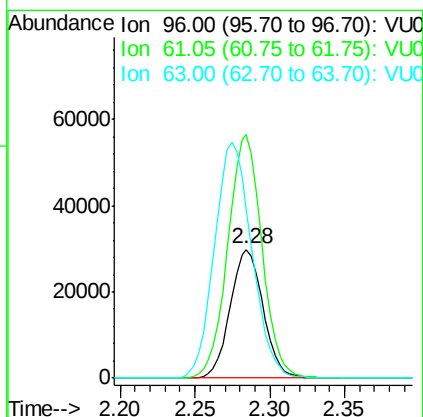
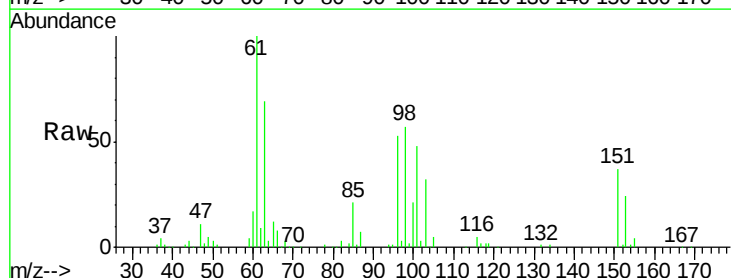
RT: 2.28 min Scan# 527

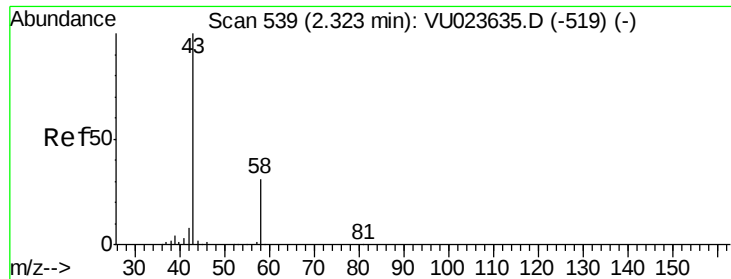
Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

Tgt Ion:	96	Resp:	45743
Ion	Ratio	Lower	Upper
96	100		
61	189.4	127.4	236.6
63	131.4	84.8	157.4





#13

Acetone

Concen: 48.62 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023657.D

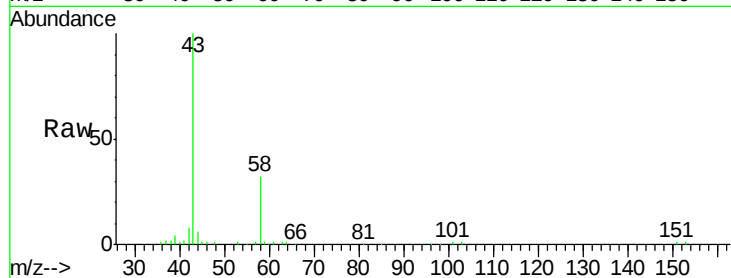
Acq: 05 May 2018 03:01

Tgt Ion: 43 Resp: 92105

Ion Ratio Lower Upper

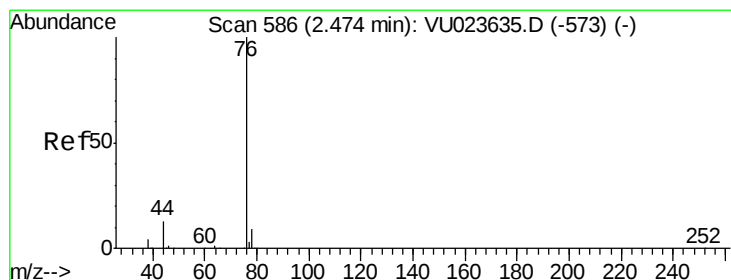
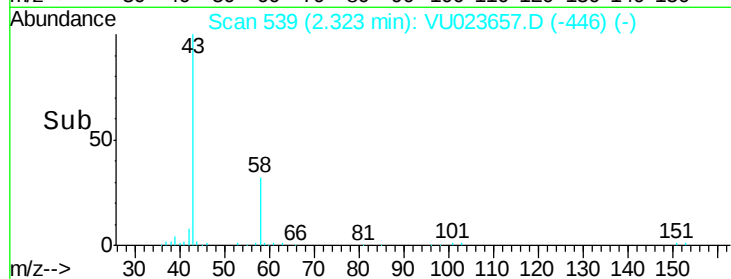
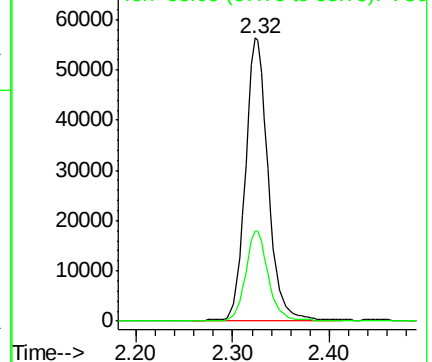
43 100

58 31.6 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 4.85 ug/L

RT: 2.47 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU023657.D

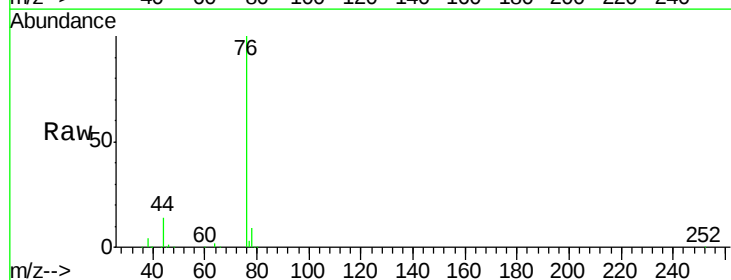
Acq: 05 May 2018 03:01

Tgt Ion: 76 Resp: 162822

Ion Ratio Lower Upper

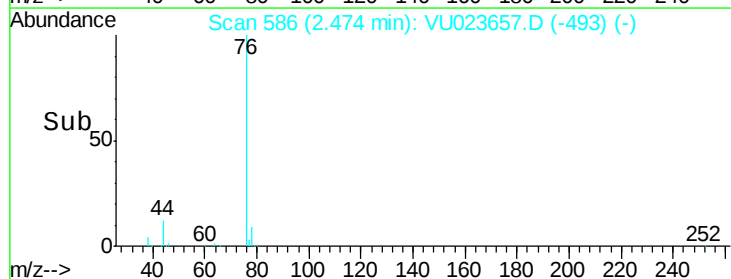
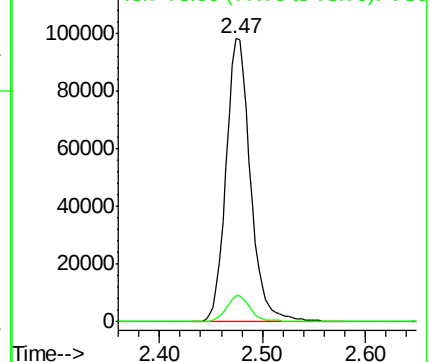
76 100

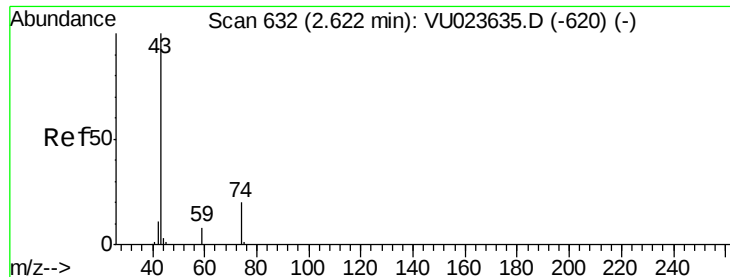
78 9.1 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

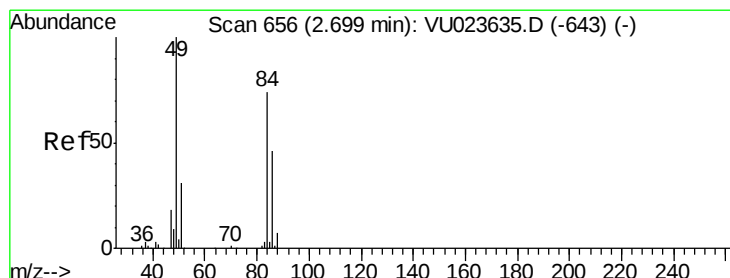
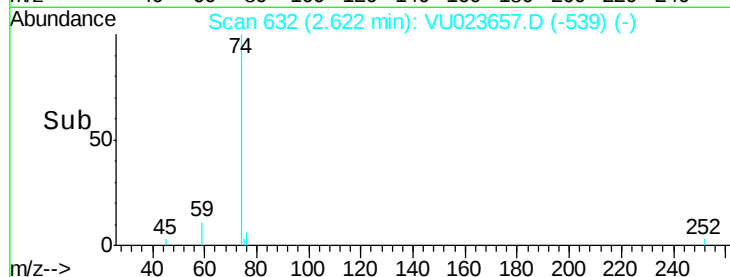
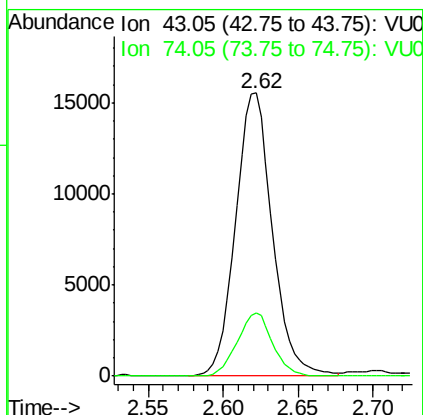
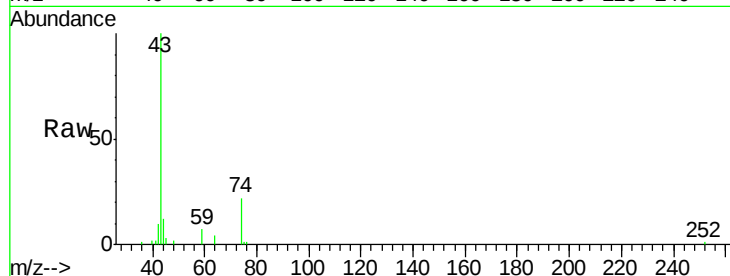
Ion 78.00 (77.70 to 78.70): VU0





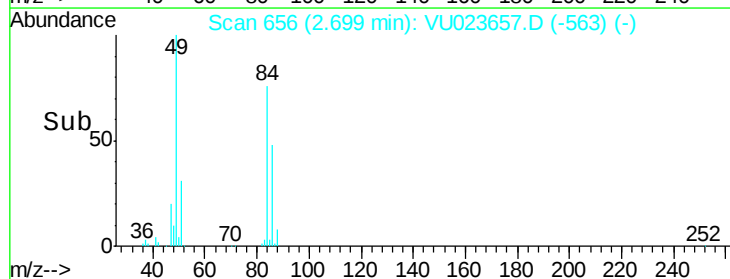
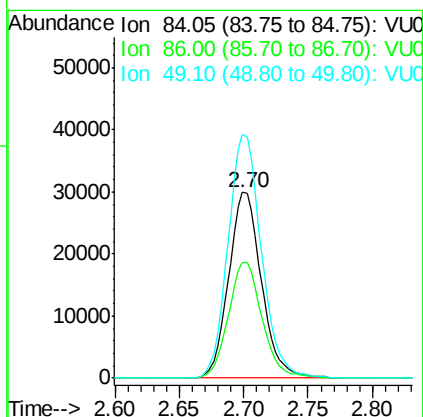
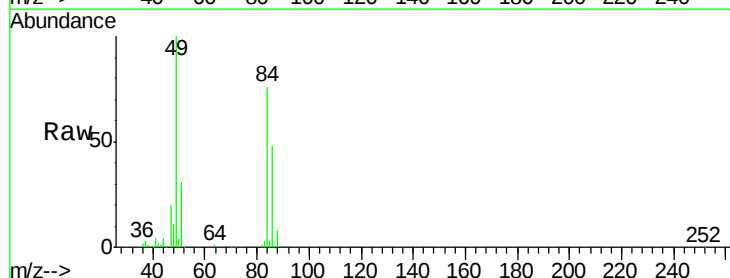
#15
Methyl Acetate
Concen: 5.00 ug/L
RT: 2.62 min Scan# 632
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

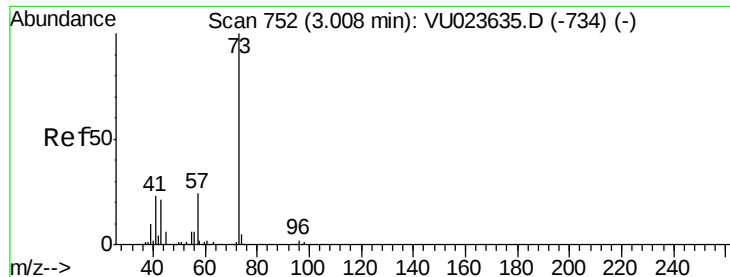
Tgt Ion: 43 Resp: 26626
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8



#16
Methylene chloride
Concen: 4.95 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

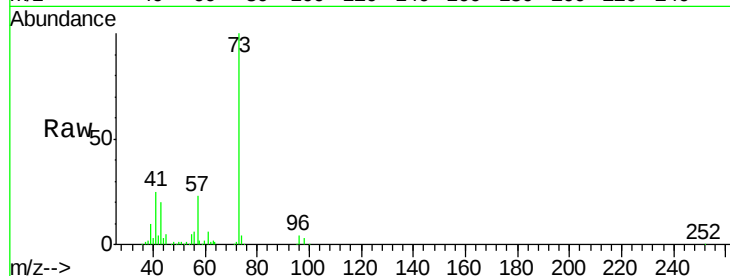
Tgt Ion: 84 Resp: 52814
Ion Ratio Lower Upper
84 100
86 62.5 46.0 85.4
49 131.0 96.0 178.4



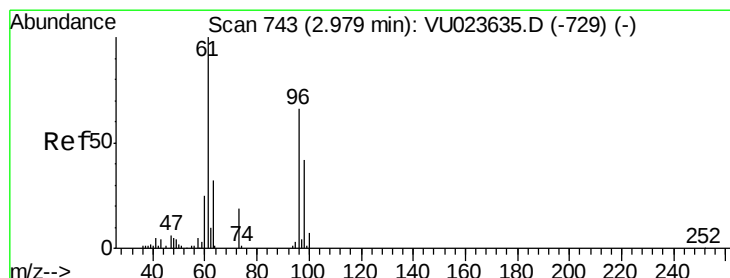
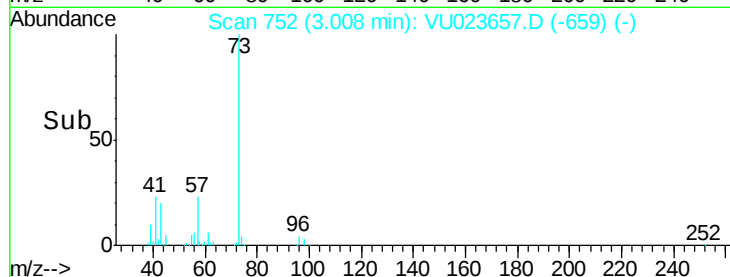
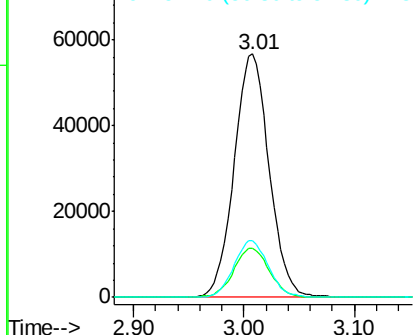


#17
Methyl tert-butyl Ether
Concen: 5.20 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:	73	Resp:	124572
Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.6	25.0
57	23.0	19.4	29.0

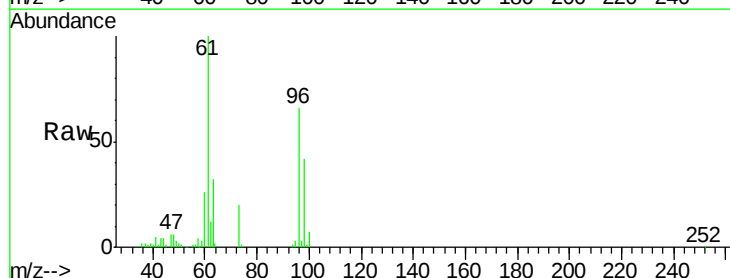


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

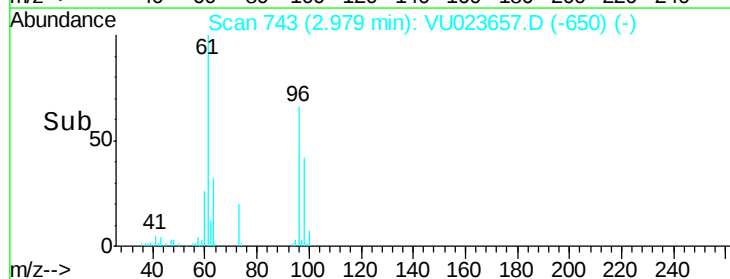
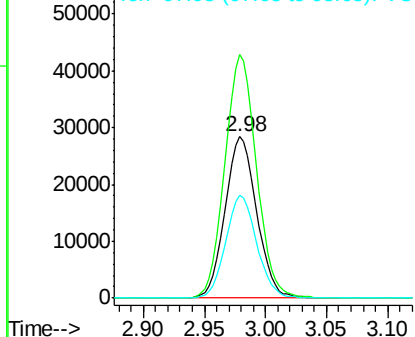


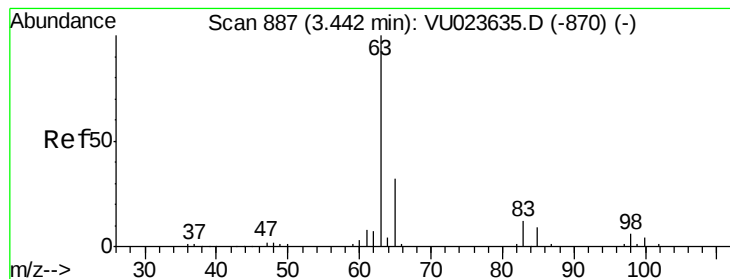
#18
trans-1,2-Dichloroethene
Concen: 5.01 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:	96	Resp:	51553
Ion	Ratio	Lower	Upper
96	100		
61	151.1	109.0	202.4
98	63.6	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: 5.66 ug/L

RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

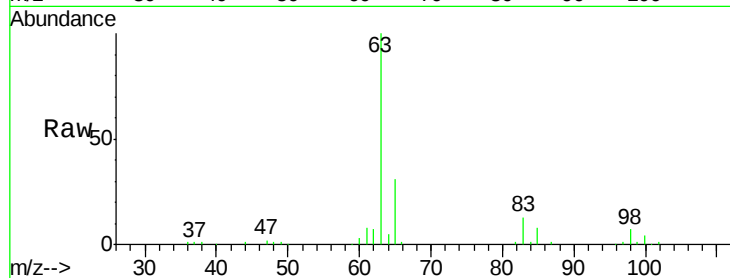
Tgt Ion: 63 Resp: 110387

Ion Ratio Lower Upper

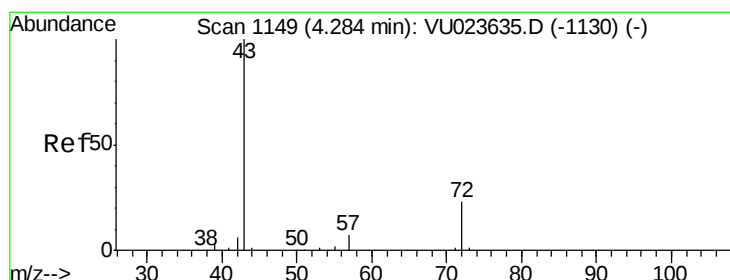
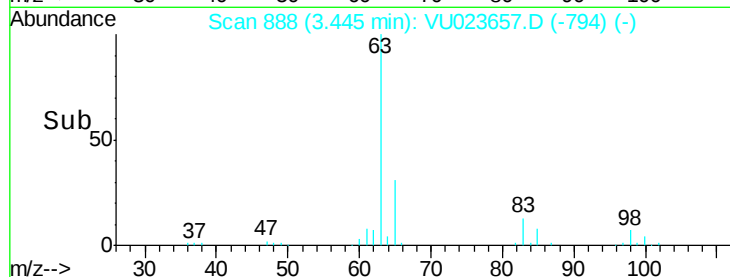
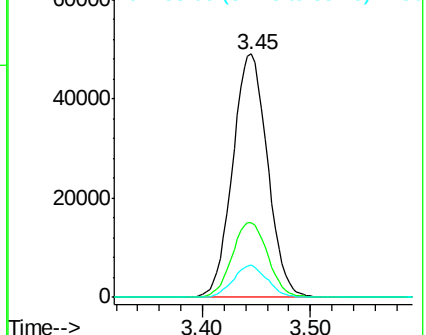
63 100

65 30.7 22.0 41.0

83 13.1 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: 48.73 ug/L

RT: 4.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VU023657.D

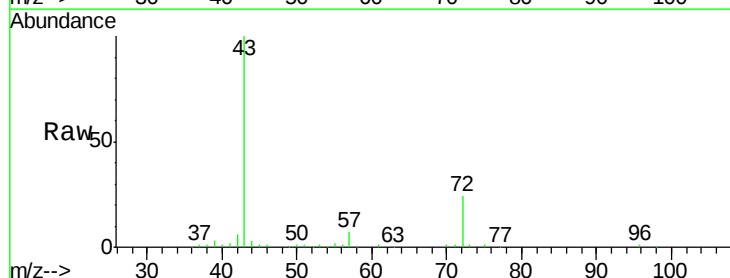
Acq: 05 May 2018 03:01

Tgt Ion: 43 Resp: 170728

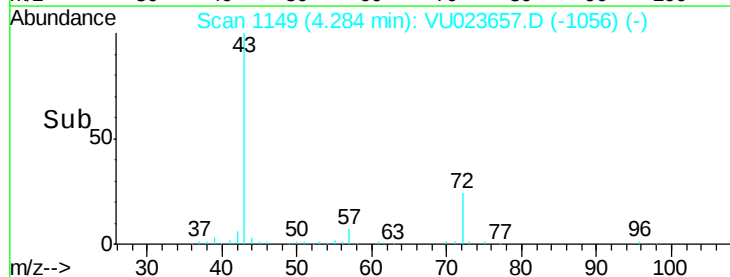
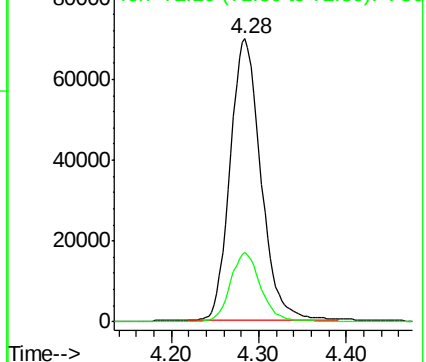
Ion Ratio Lower Upper

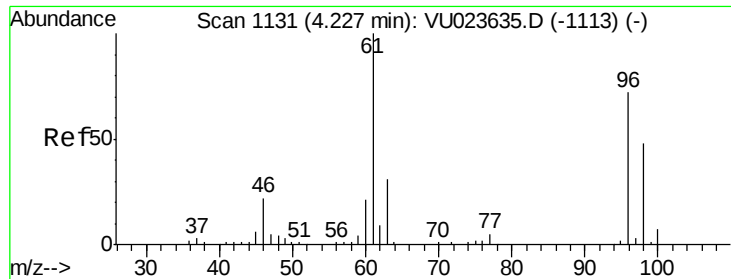
43 100

72 24.4 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: 5.02 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

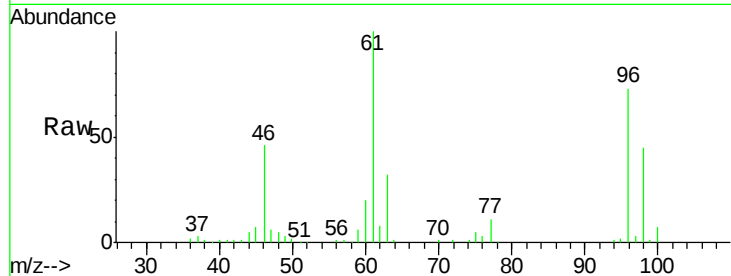
Tgt Ion: 96 Resp: 61280

Ion Ratio Lower Upper

96 100

61 137.1 94.6 175.6

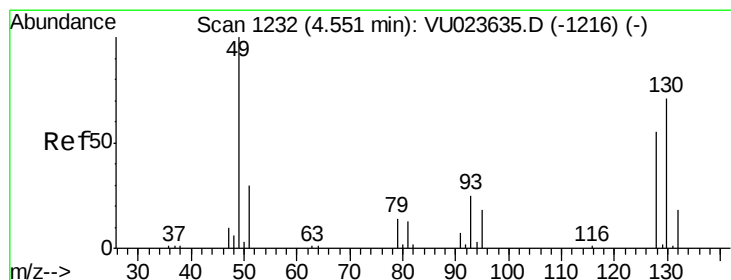
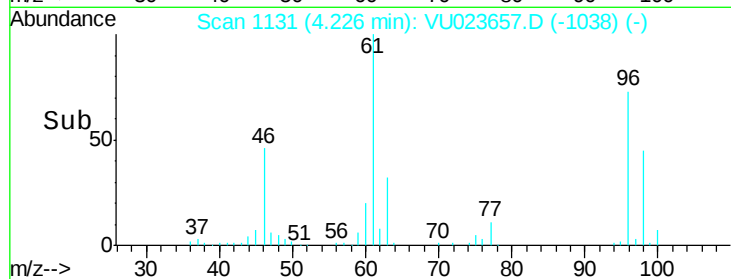
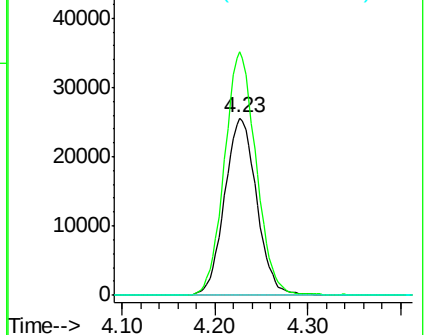
68 0.0 0.0 0.0



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: 4.96 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

Tgt Ion: 128 Resp: 26221

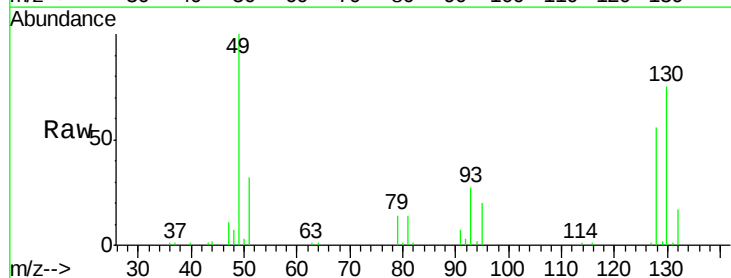
Ion Ratio Lower Upper

128 100

49 177.5 126.5 234.9

130 133.1 90.4 168.0

51 56.2 44.6 66.8

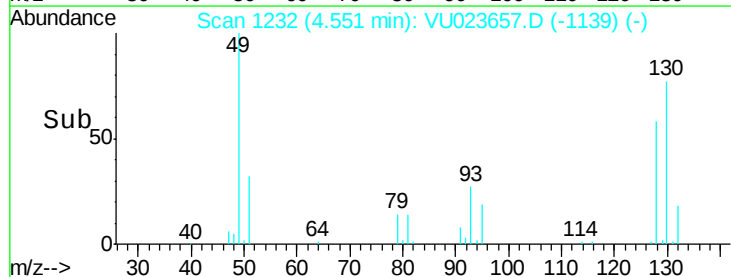
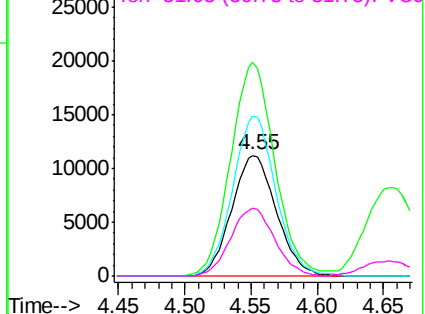


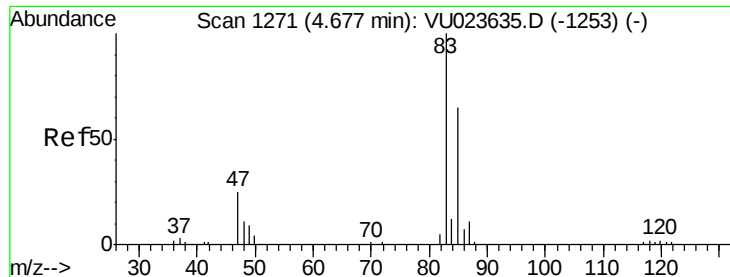
Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

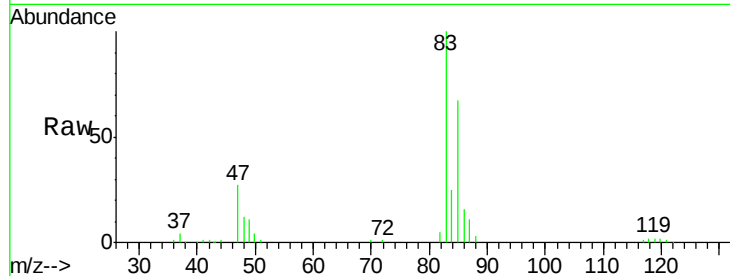
Ion 51.05 (50.75 to 51.75): VU0



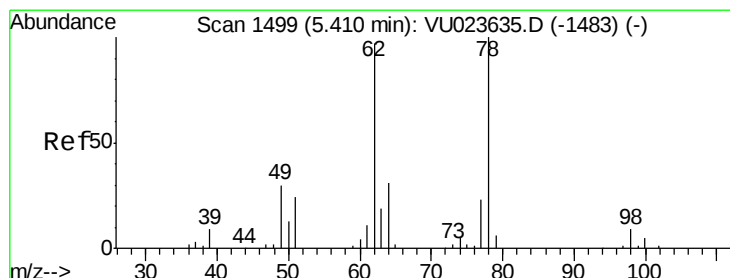
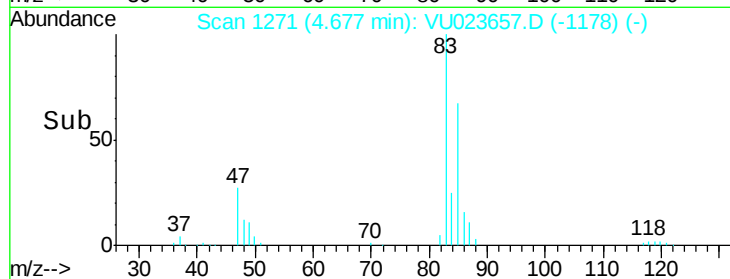
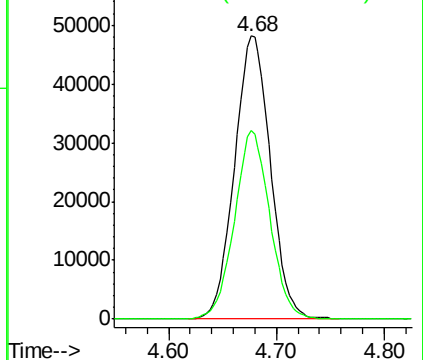


#25
Chloroform
Concen: 5.28 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion: 83 Resp: 111498
Ion Ratio Lower Upper
83 100
85 66.7 45.2 84.0

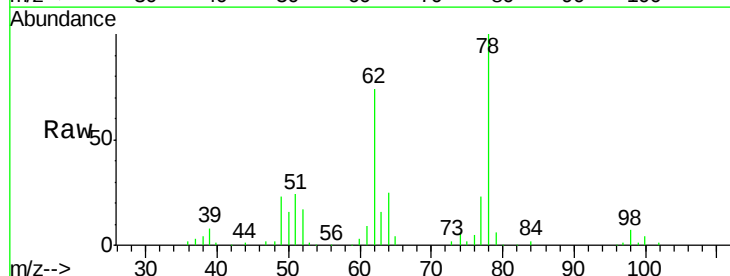


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

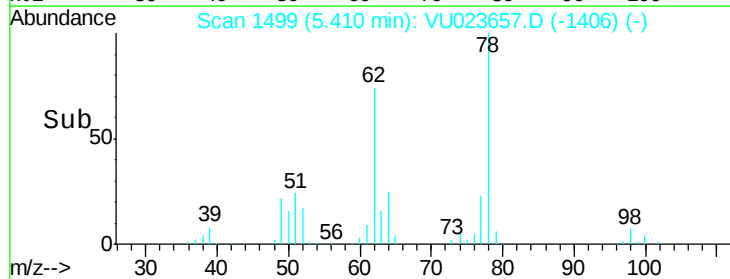
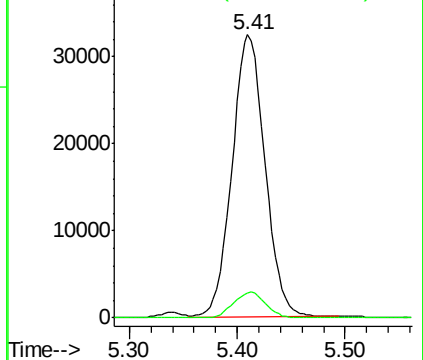


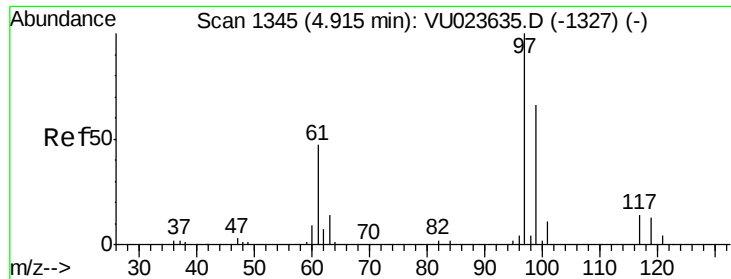
#27
1,2-Dichloroethane
Concen: 5.14 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion: 62 Resp: 69199
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#29

1,1,1-Trichloroethane

Concen: 4.98 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

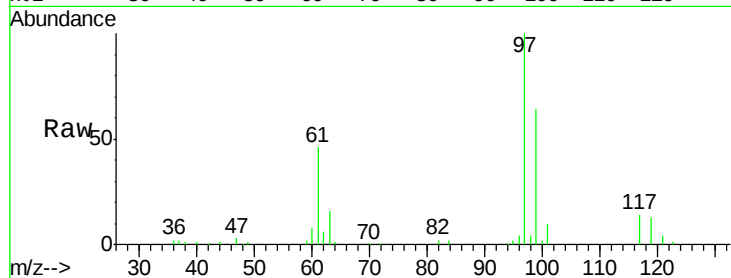
Tgt Ion: 97 Resp: 85914

Ion Ratio Lower Upper

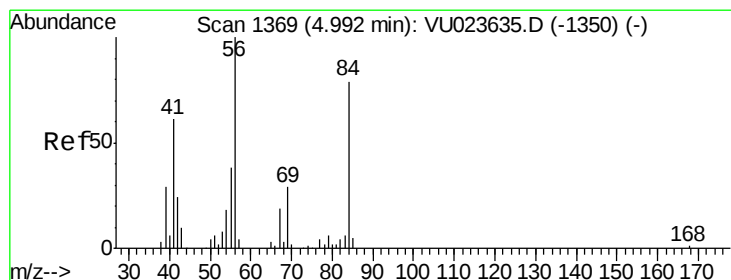
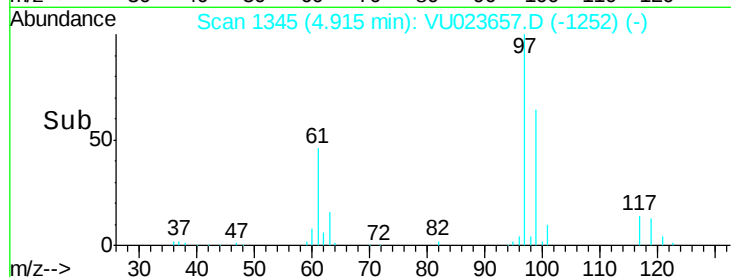
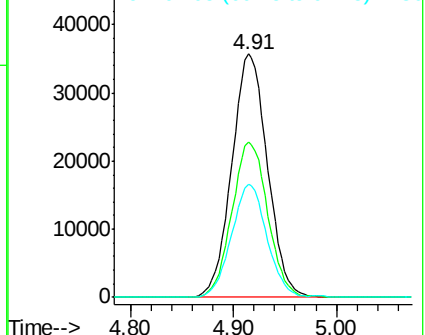
97 100

99 64.1 52.2 78.2

61 46.2 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: 4.56 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

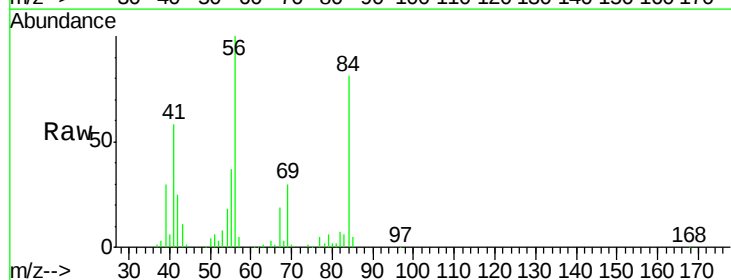
Tgt Ion: 56 Resp: 89283

Ion Ratio Lower Upper

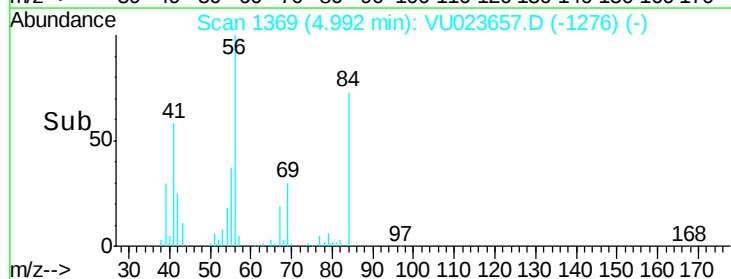
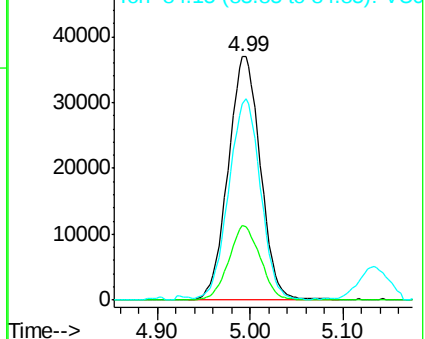
56 100

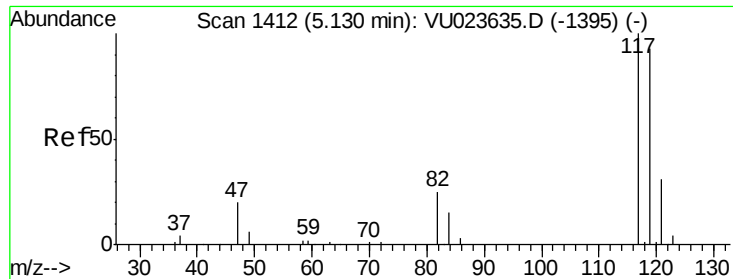
69 29.8 23.6 35.4

84 80.3 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: 5.21 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023657.D

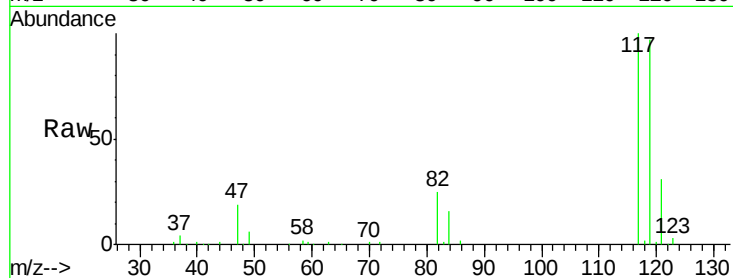
Acq: 05 May 2018 03:01

Tgt Ion:117 Resp: 74847

Ion Ratio Lower Upper

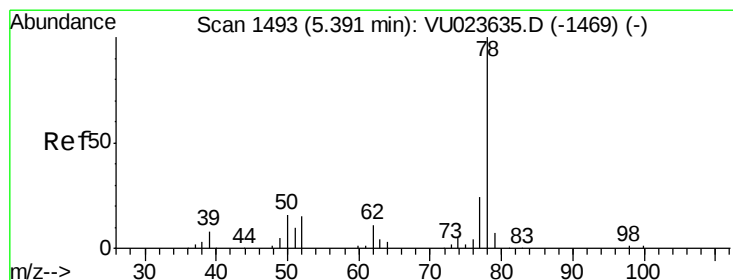
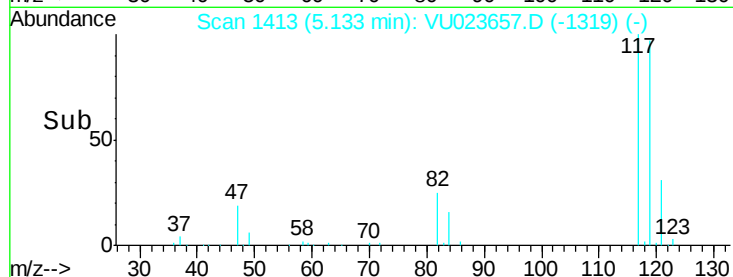
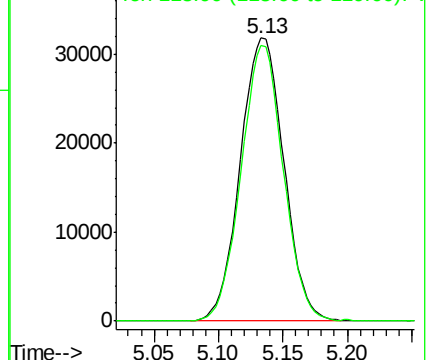
117 100

119 94.5 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: 4.87 ug/L

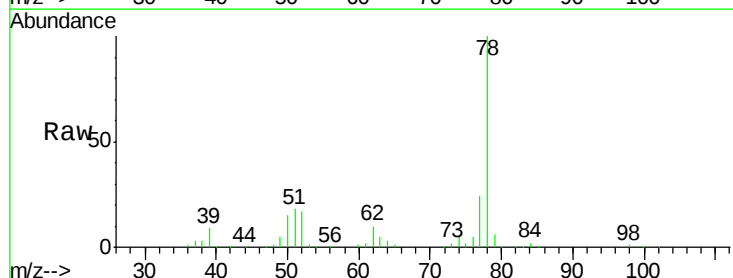
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

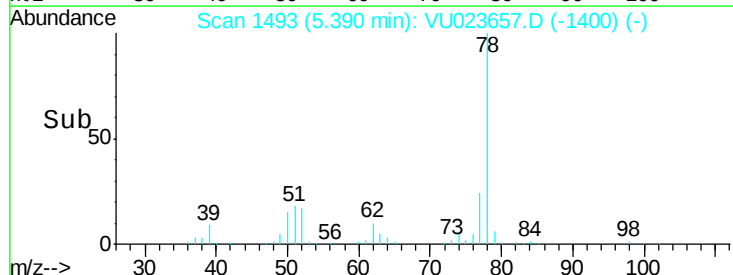
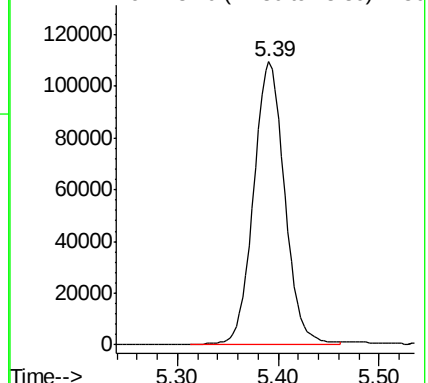
Lab File: VU023657.D

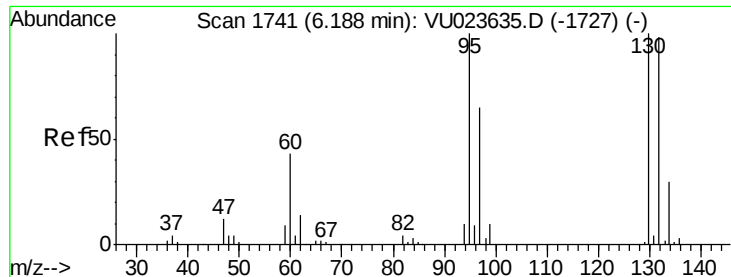
Acq: 05 May 2018 03:01

Tgt Ion: 78 Resp: 234131



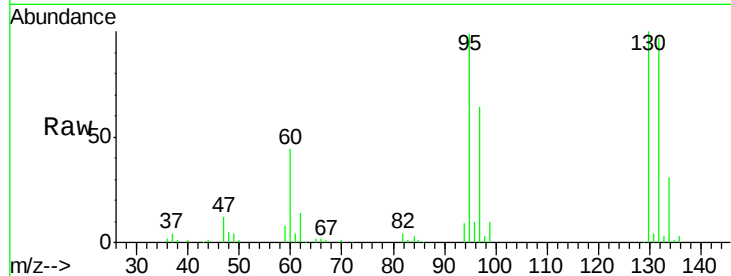
Abundance Ion 78.10 (77.80 to 78.80): VU0



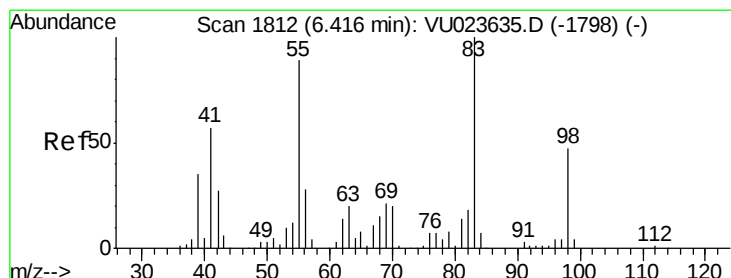
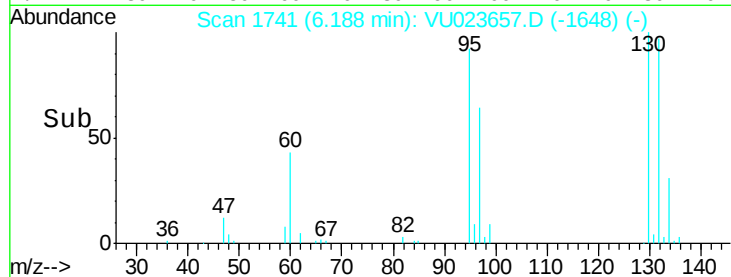
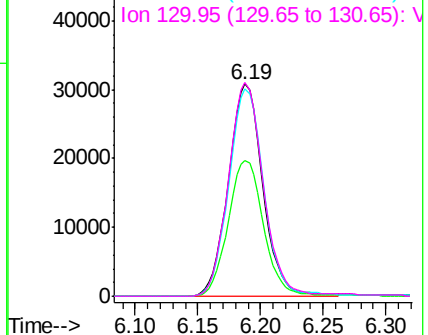


#34
 Trichloroethene
 Concen: 4.71 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

Tgt Ion:	95	Resp:	58998
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.0	85.4
132	97.7	68.1	126.5
130	100.7	70.1	130.1

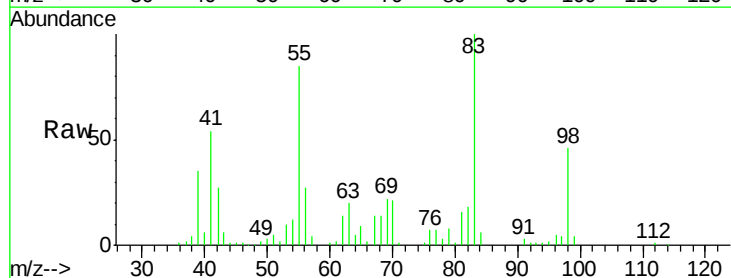


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

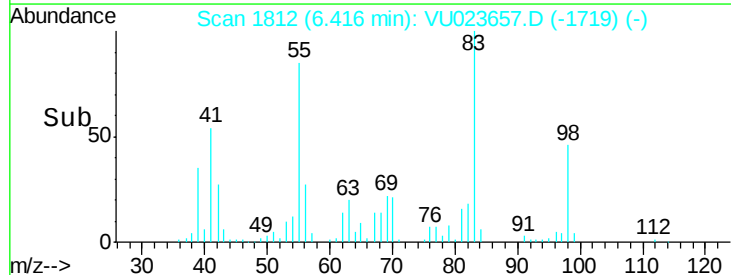
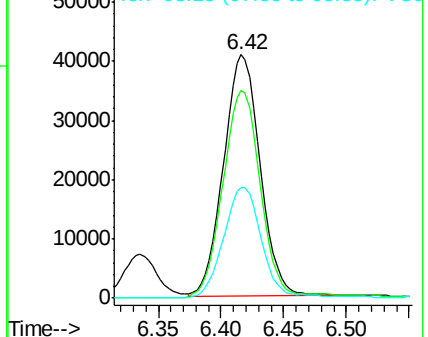


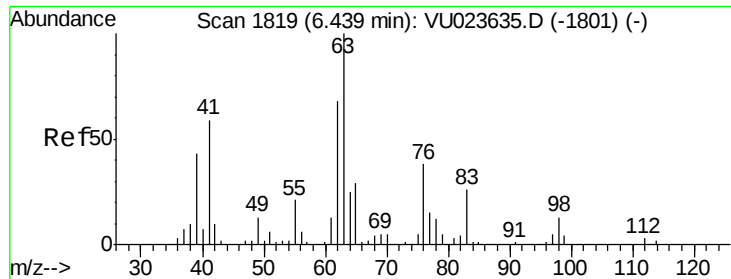
#35
 Methylcyclohexane
 Concen: 4.36 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

Tgt Ion:	83	Resp:	82768
Ion	Ratio	Lower	Upper
83	100		
55	87.8	68.4	102.6
98	47.9	36.7	55.1



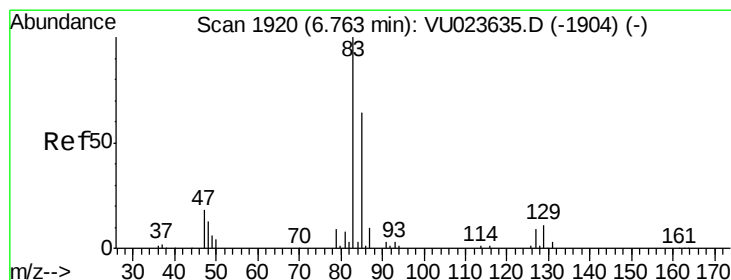
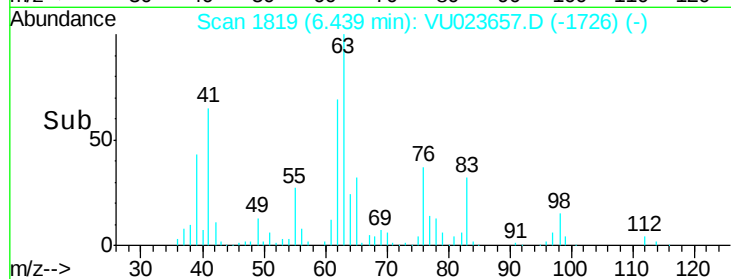
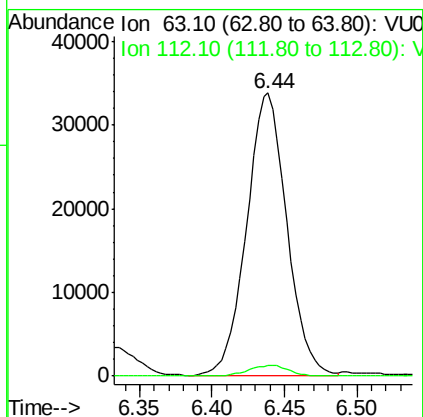
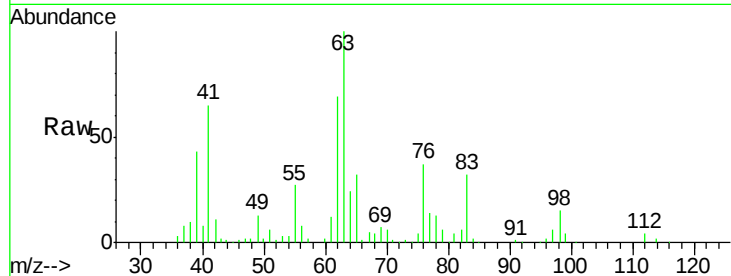
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





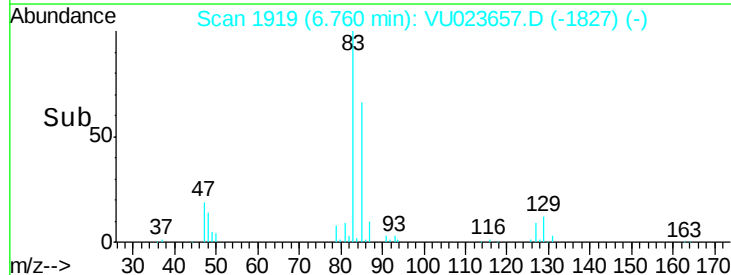
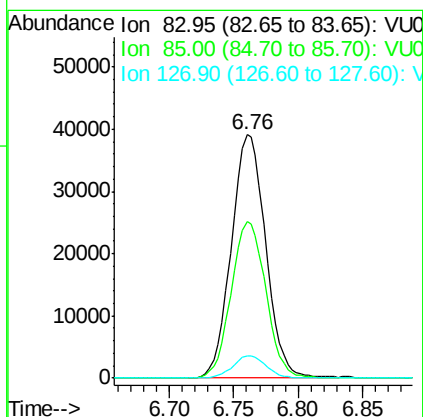
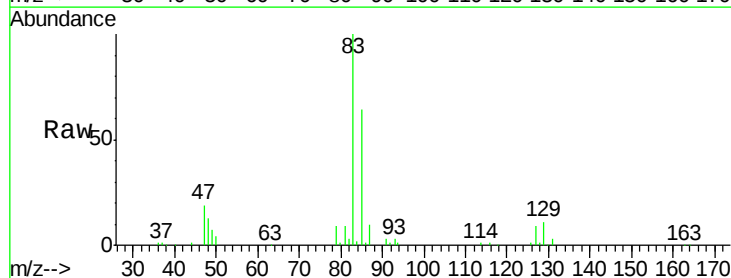
#37
 1,2-Dichloropropane
 Concen: 4.85 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

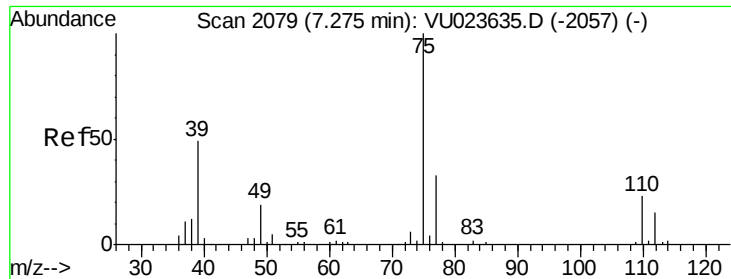
Tgt Ion: 63 Resp: 64932
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.4



#38
 Bromodichloromethane
 Concen: 4.93 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

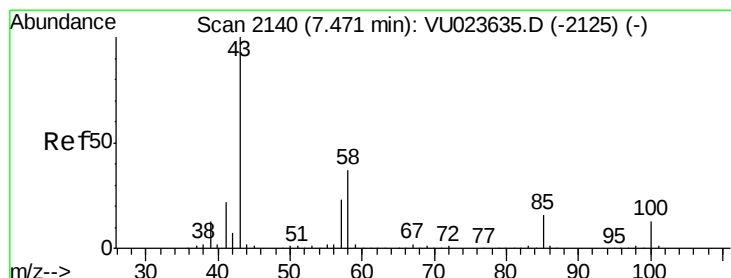
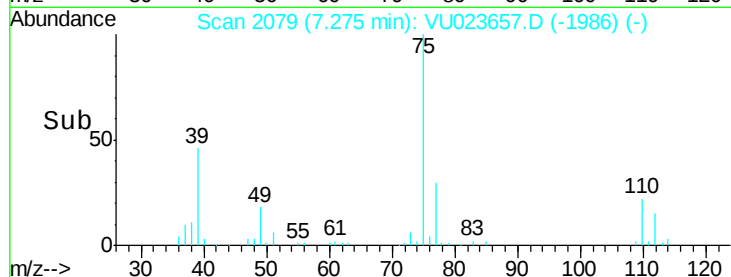
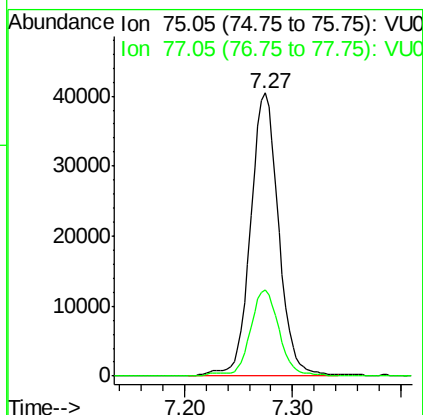
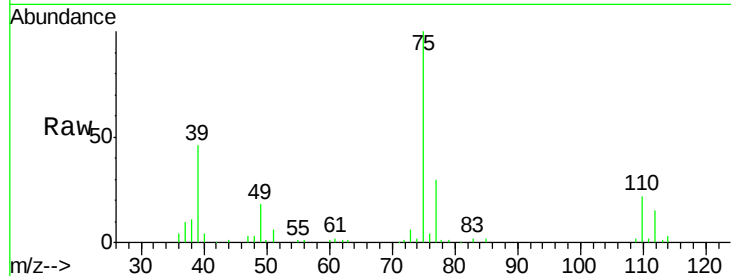
Tgt Ion: 83 Resp: 72382
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.1 83.7
 127 9.2 6.7 10.1





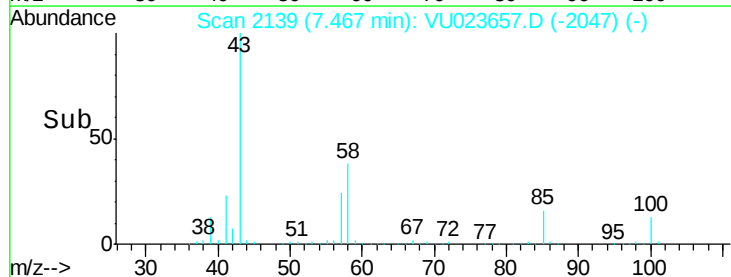
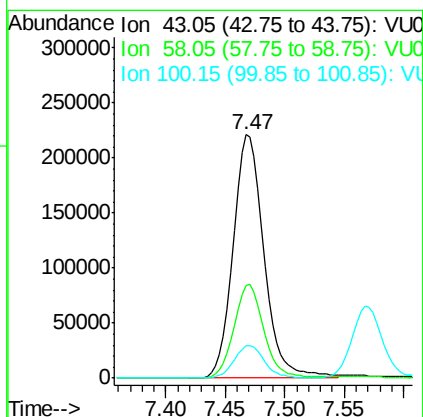
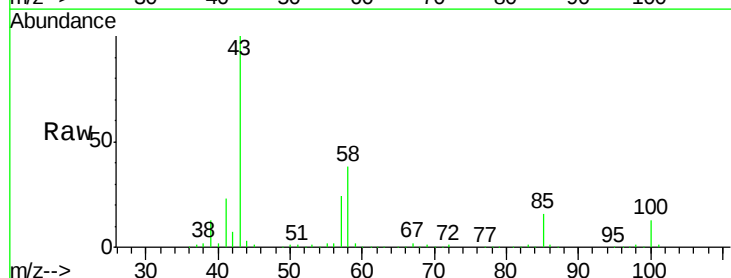
#39
 cis-1,3-Dichloropropene
 Concen: 4.39 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

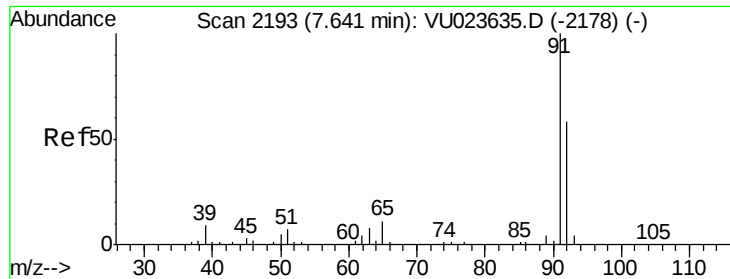
Tgt Ion: 75 Resp: 73328
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 48.83 ug/L
 RT: 7.47 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

Tgt Ion: 43 Resp: 398172
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.7 44.5
 100 13.1 10.1 15.1





#42

Toluene

Concen: 5.09 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023657.D

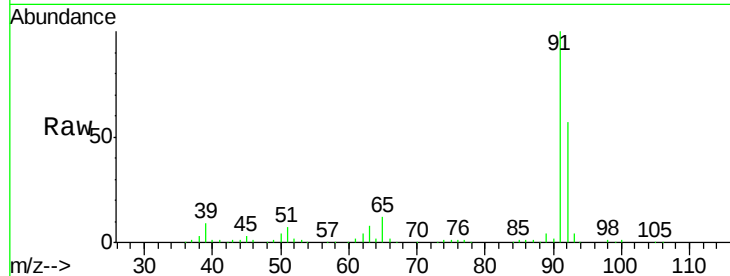
Acq: 05 May 2018 03:01

Tgt Ion: 91 Resp: 249162

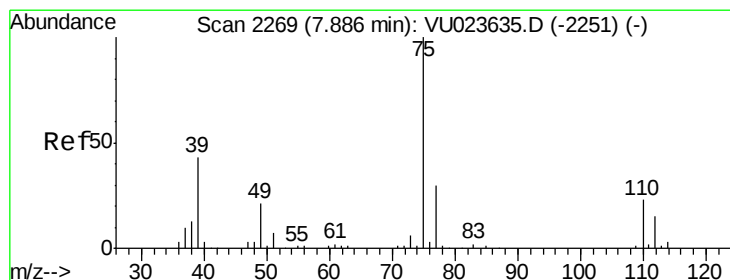
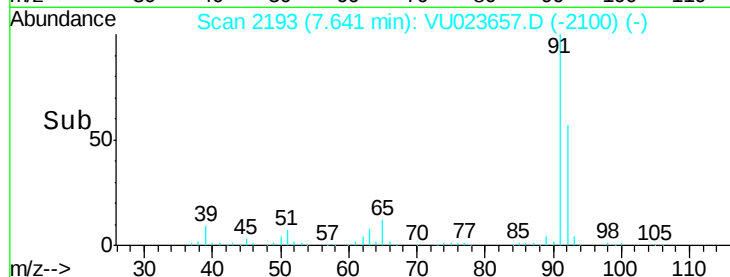
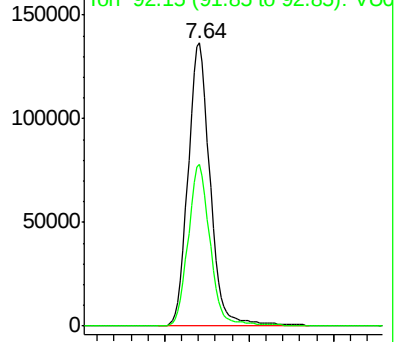
Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU023635.D (-2178) (-)



#44

trans-1,3-Dichloropropene

Concen: 4.51 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023657.D

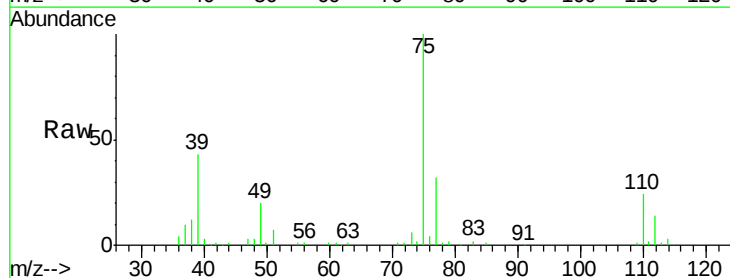
Acq: 05 May 2018 03:01

Tgt Ion: 75 Resp: 61334

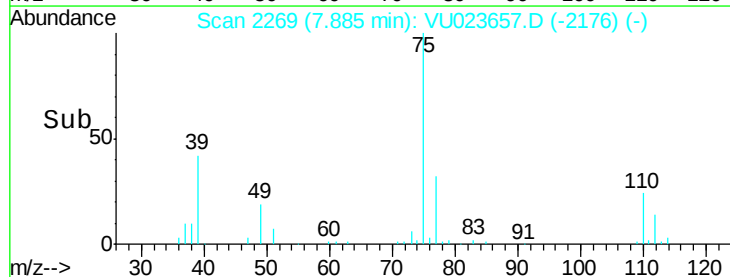
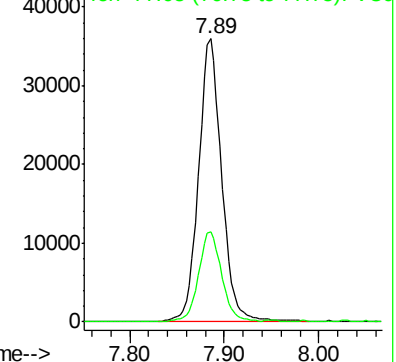
Ion Ratio Lower Upper

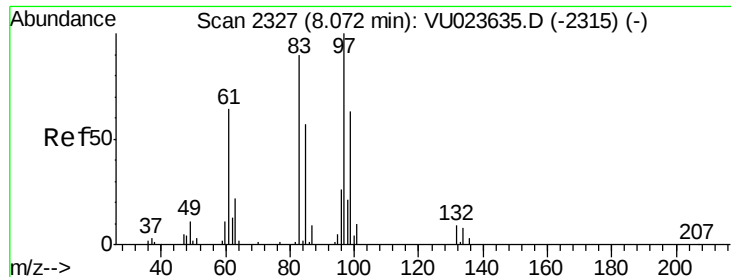
75 100

77 31.7 22.5 41.7



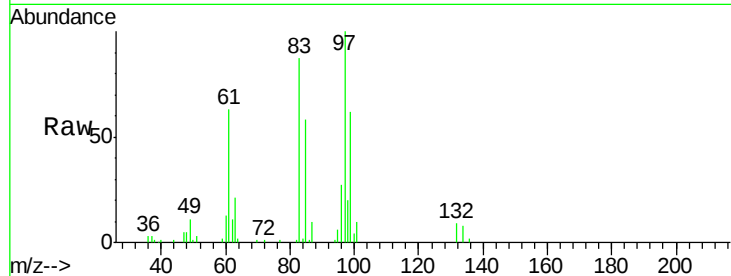
Abundance Ion 75.05 (74.75 to 75.75): VU023635.D (-2251) (-)





#45
1,1,2-Trichloroethane
Concen: 5.19 ug/L
RT: 8.07 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:	97	Resp:	43590
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.0	81.8
83	87.4	61.6	114.4
85	57.8	41.8	77.6

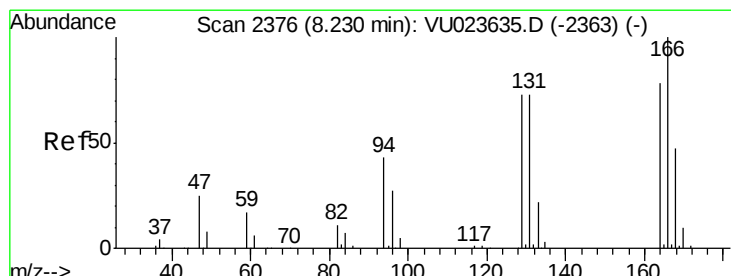
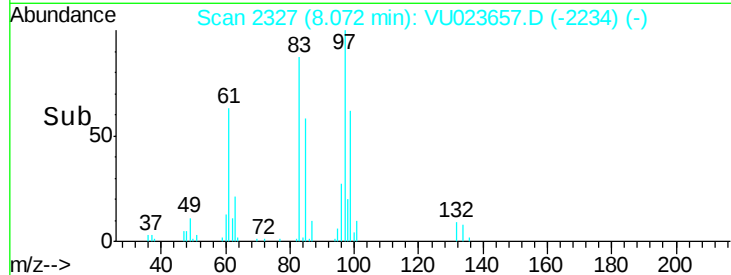
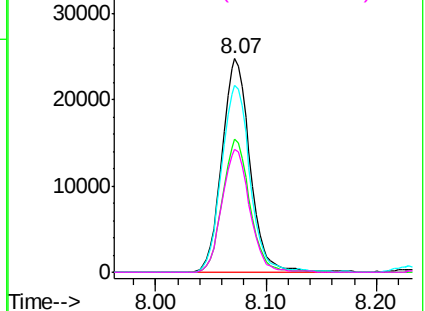


Abundance Ion 96.95 (96.65 to 97.65): VU023657.D (-2234) (-)

Ion 99.05 (98.75 to 99.75): VU023657.D (-2234) (-)

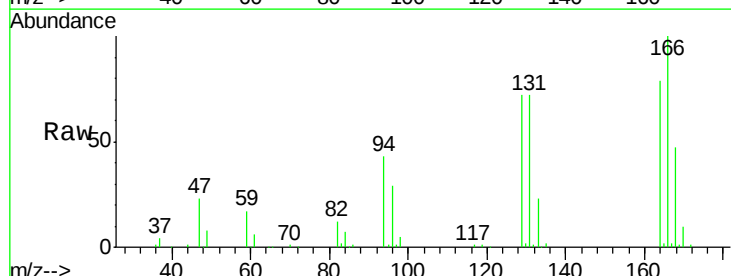
Ion 82.95 (82.65 to 83.65): VU023657.D (-2234) (-)

Ion 85.00 (84.70 to 85.70): VU023657.D (-2234) (-)



#47
Tetrachloroethene
Concen: 4.91 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:	164	Resp:	48679
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.4	119.6
131	90.7	63.9	118.7
166	126.6	90.0	167.2

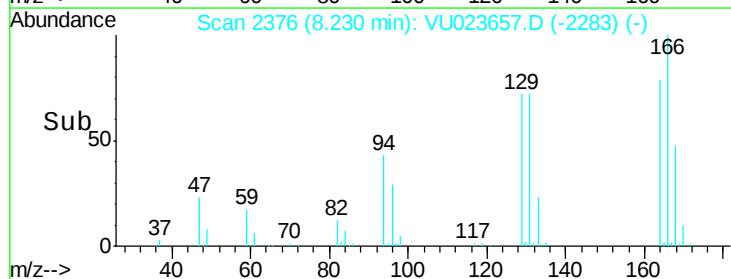
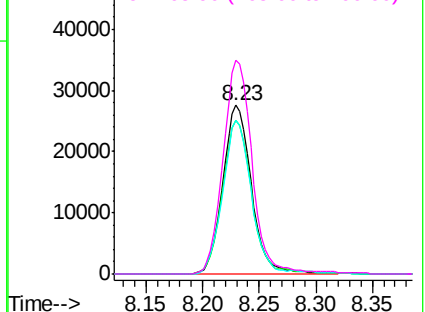


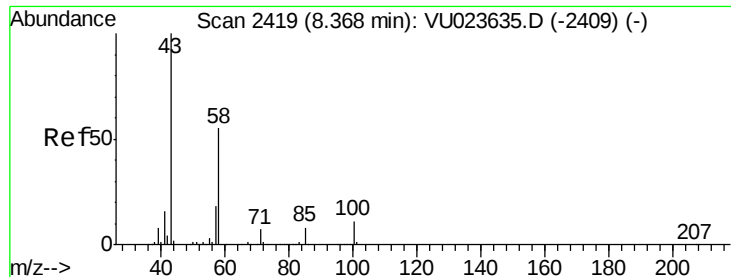
Abundance Ion 163.90 (163.60 to 164.60): VU023657.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023657.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023657.D (-2283) (-)

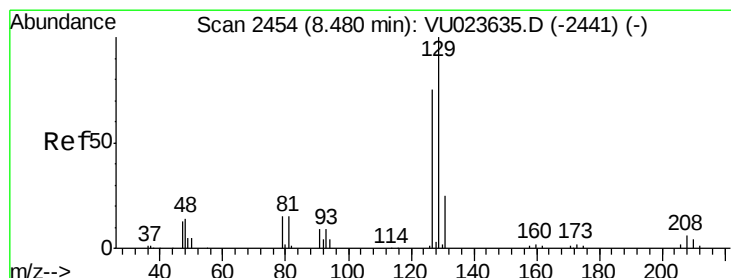
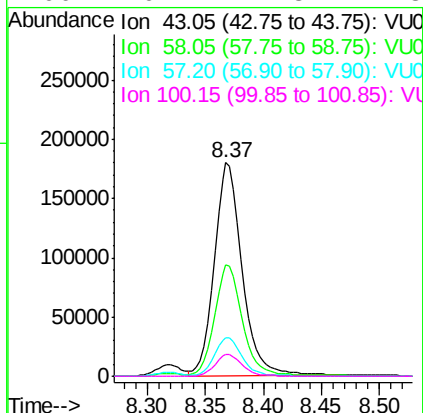
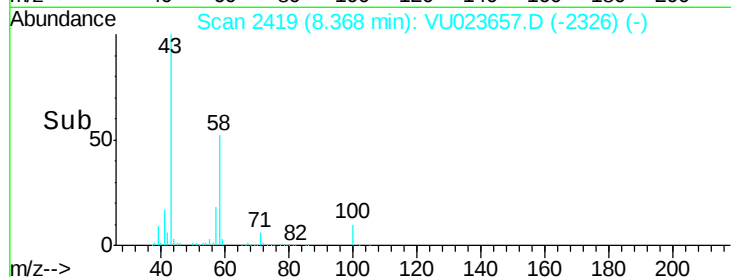
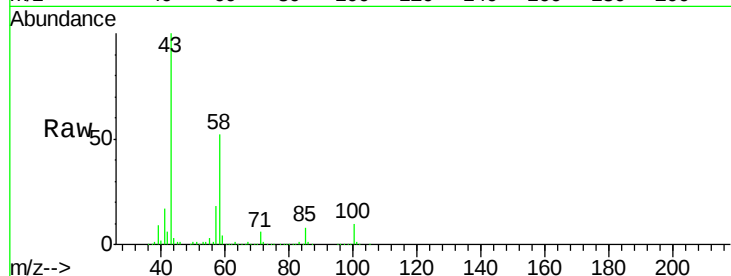
Ion 165.90 (165.60 to 166.60): VU023657.D (-2283) (-)





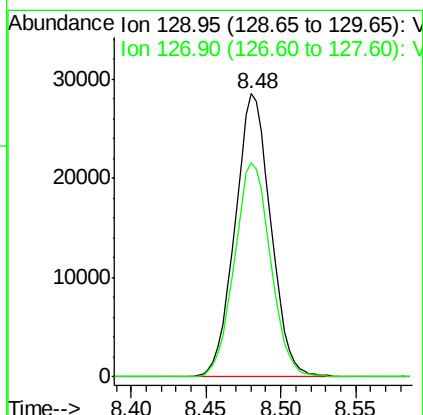
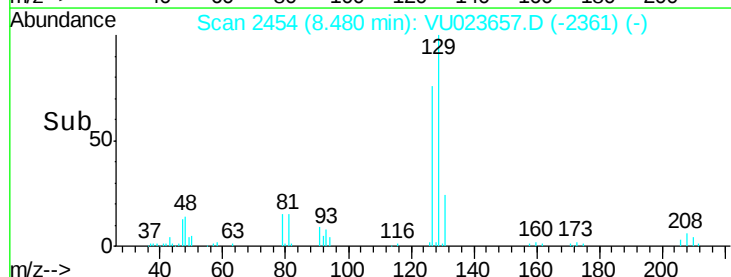
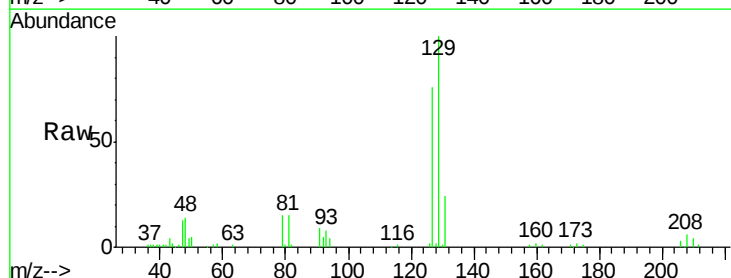
#48
2-Hexanone
Concen: 50.84 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

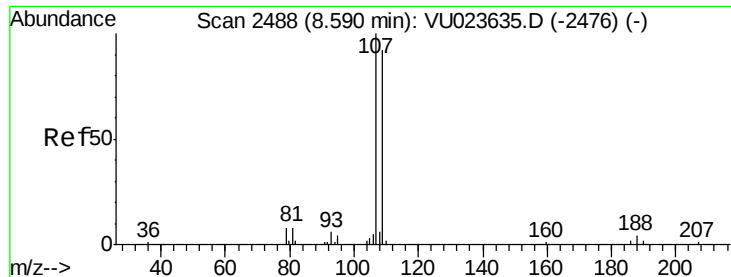
Tgt Ion: 43 Resp: 300219
Ion Ratio Lower Upper
43 100
58 53.1 42.1 63.1
57 18.3 14.3 21.5
100 10.4 7.8 11.8



#49
Dibromochloromethane
Concen: 4.93 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion: 129 Resp: 47351
Ion Ratio Lower Upper
129 100
127 75.9 56.9 105.7





#50

1,2-Dibromoethane

Concen: 5.08 ug/L

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

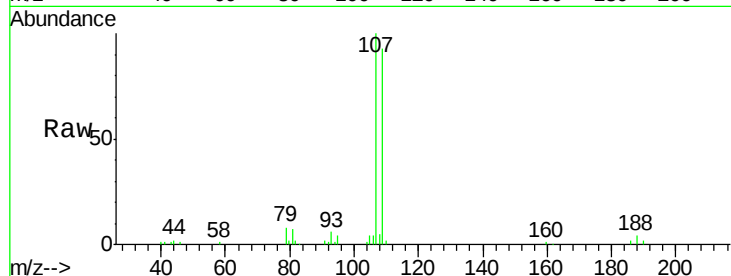
Tgt Ion:107 Resp: 39850

Ion Ratio Lower Upper

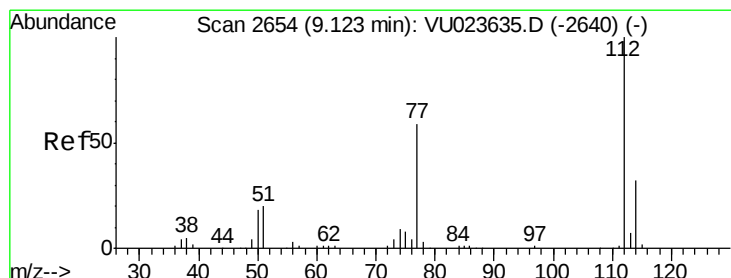
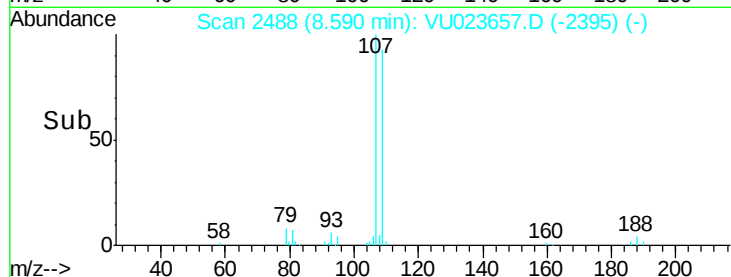
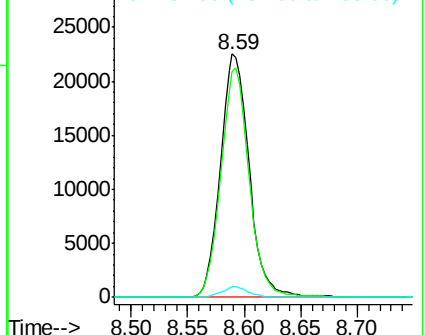
107 100

109 92.9 68.4 127.0

188 4.2 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: 4.84 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

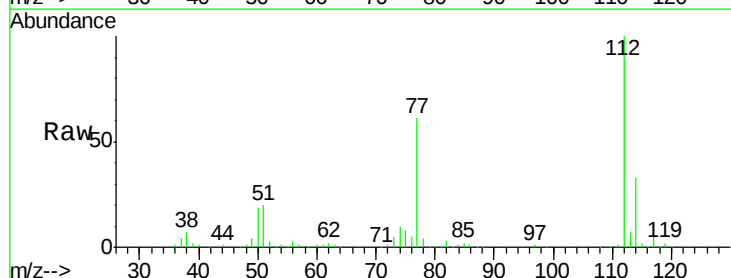
Tgt Ion:112 Resp: 155505

Ion Ratio Lower Upper

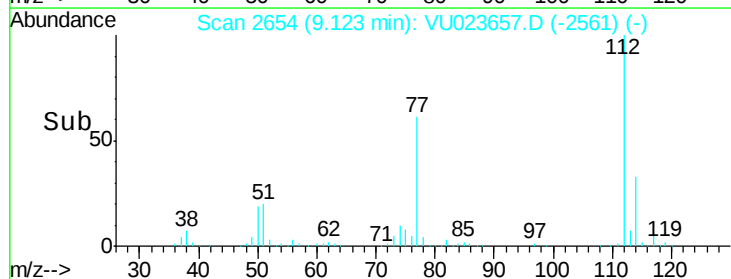
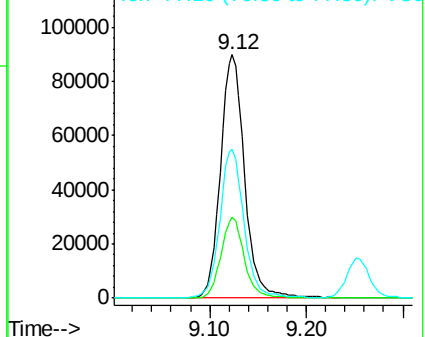
112 100

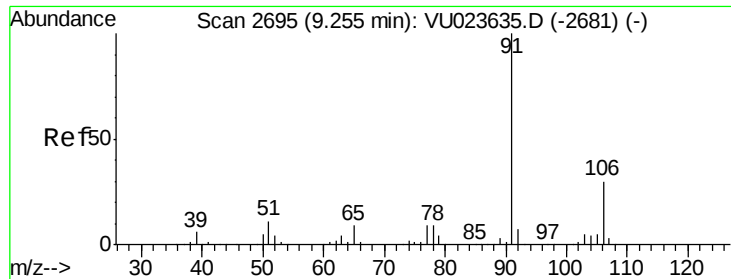
114 33.1 22.3 41.3

77 61.0 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: 4.85 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. -0.00 min

Lab File: VU023657.D

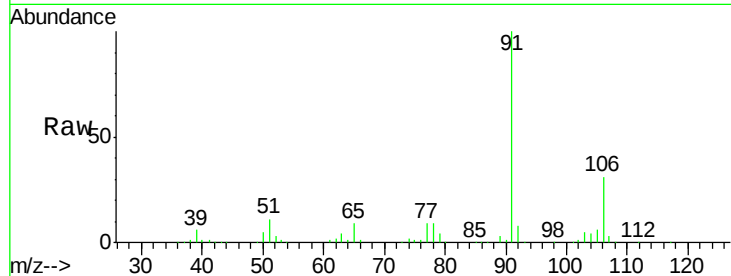
Acq: 05 May 2018 03:01

Tgt Ion: 91 Resp: 252573

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

150000

9.26

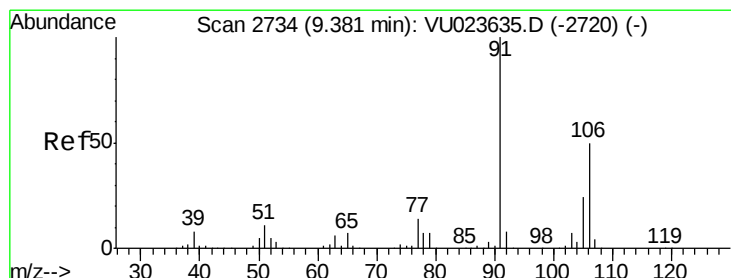
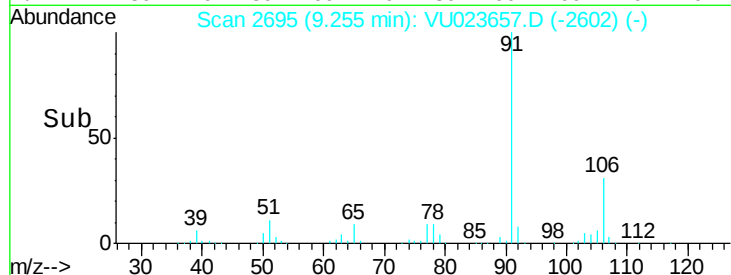
100000

50000

0

9.20 9.25 9.30 9.35

Time-->



#53

m,p-xylene

Concen: 5.04 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023657.D

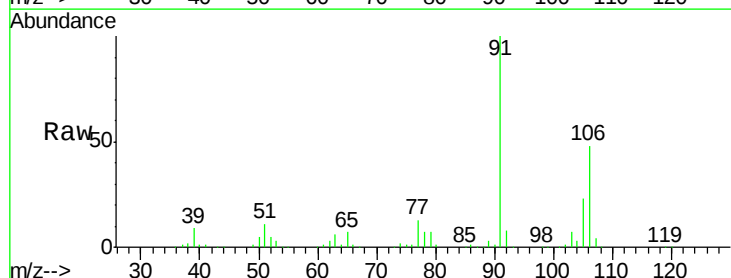
Acq: 05 May 2018 03:01

Tgt Ion: 106 Resp: 98417

Ion Ratio Lower Upper

106 100

91 206.8 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

100000

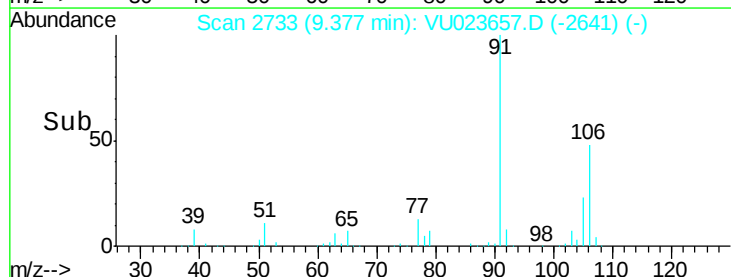
9.38

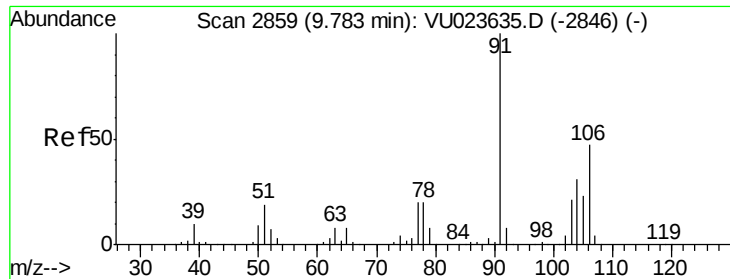
50000

0

9.30 9.40 9.50

Time-->





#54

o-xylene

Concen: 5.01 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU023657.D

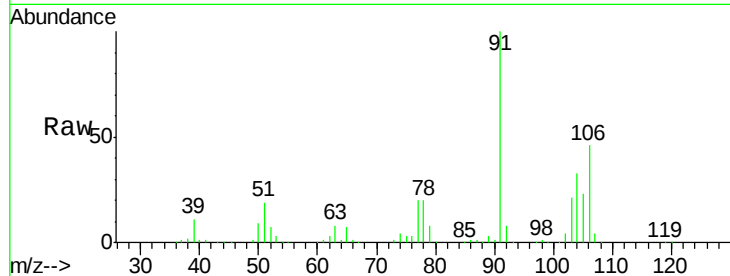
Acq: 05 May 2018 03:01

Tgt Ion:106 Resp: 92526

Ion Ratio Lower Upper

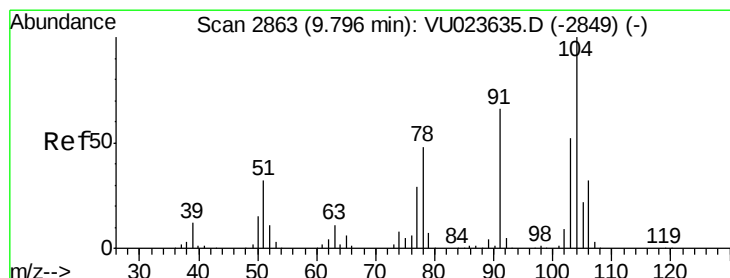
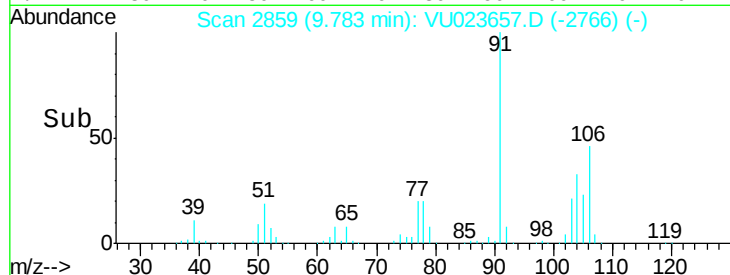
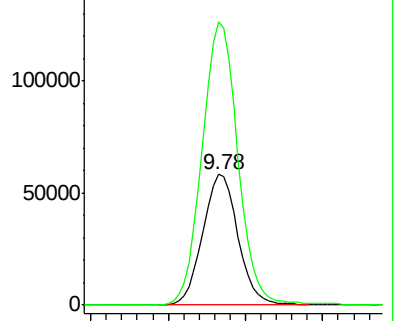
106 100

91 216.4 151.5 281.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 5.17 ug/L

RT: 9.80 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VU023657.D

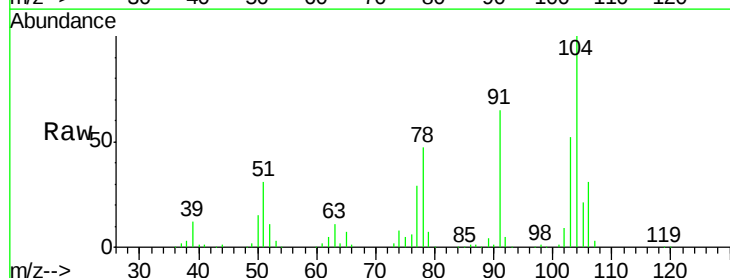
Acq: 05 May 2018 03:01

Tgt Ion:104 Resp: 167358

Ion Ratio Lower Upper

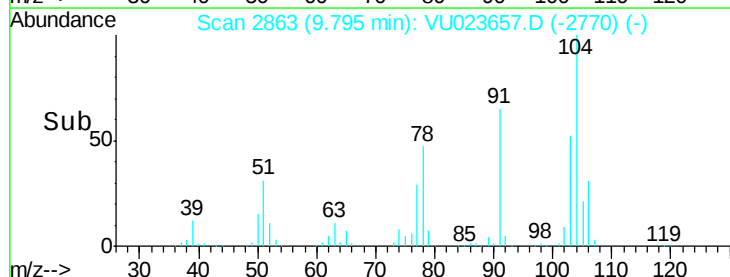
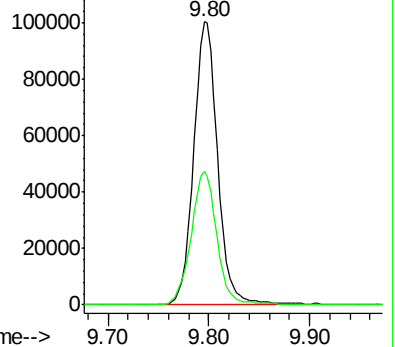
104 100

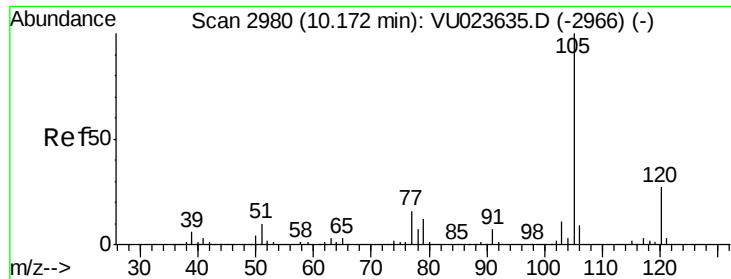
78 47.2 32.0 59.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.01 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

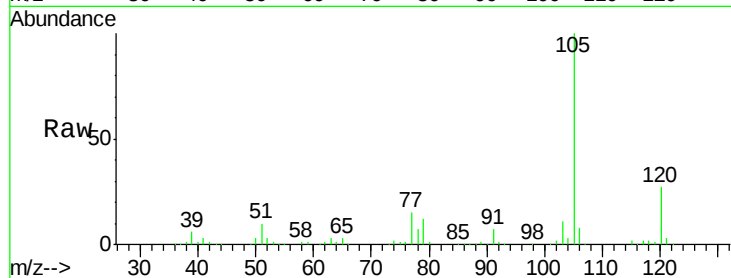
Tgt Ion: 105 Resp: 245152

Ion Ratio Lower Upper

105 100

120 26.6 21.1 31.7

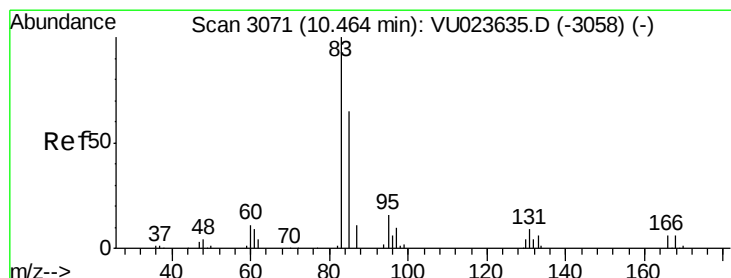
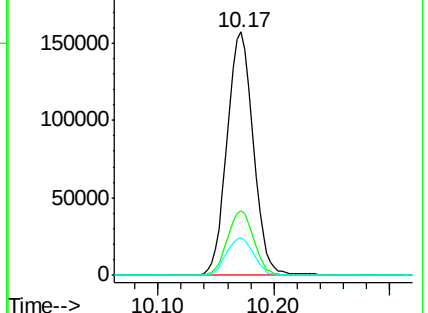
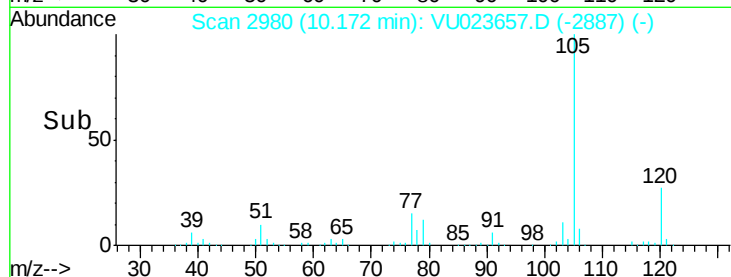
77 16.1 13.1 19.7



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: 4.92 ug/L

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

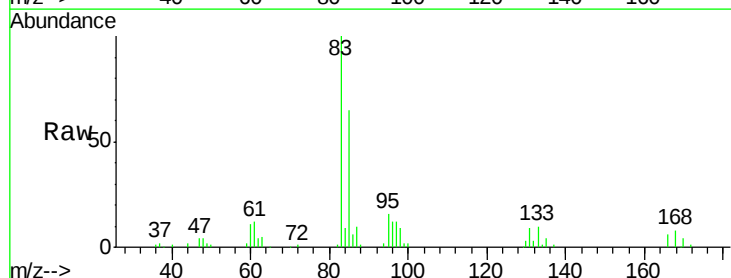
Tgt Ion: 83 Resp: 54908

Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.2

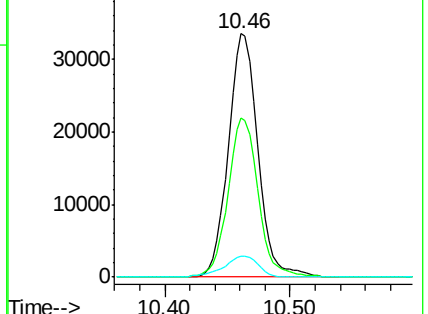
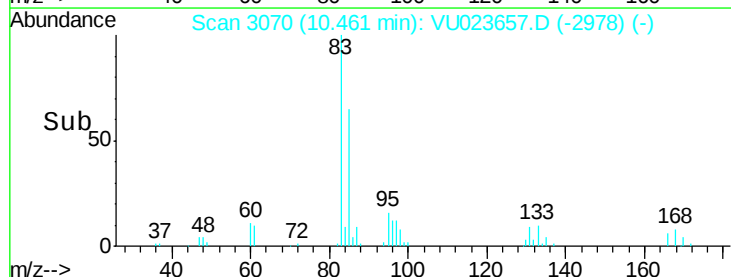
131 8.6 7.3 10.9

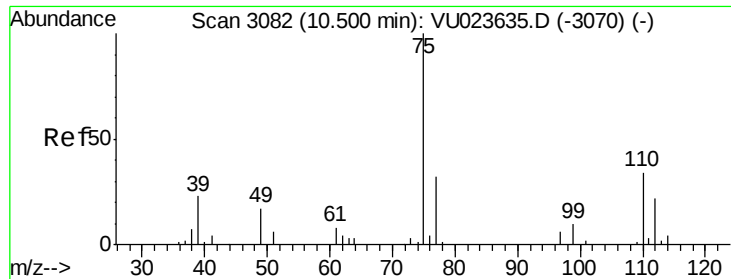


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

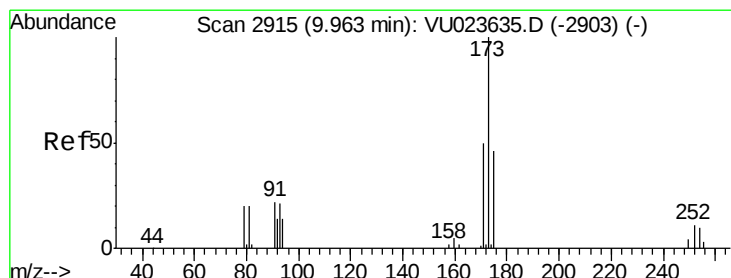
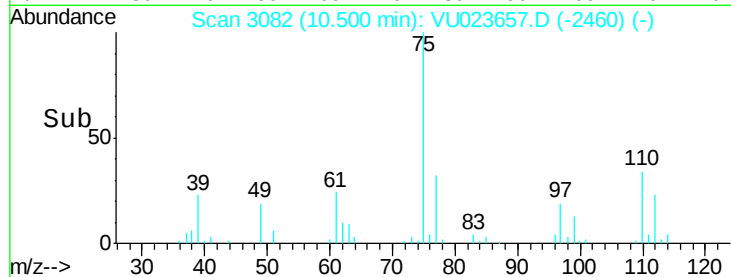
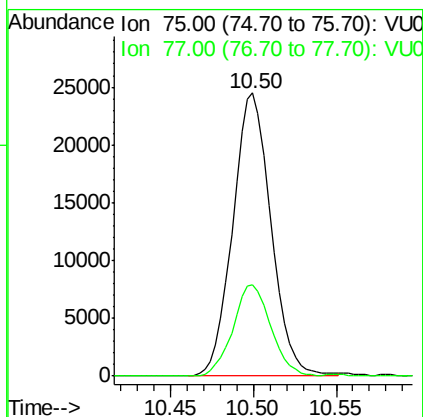
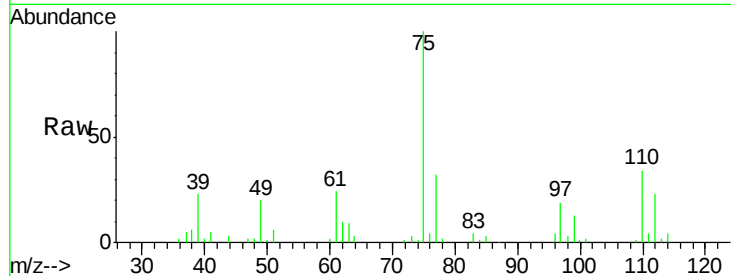
Ion 130.95 (130.65 to 131.65): V





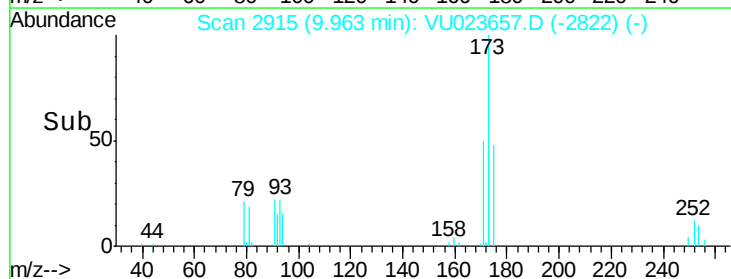
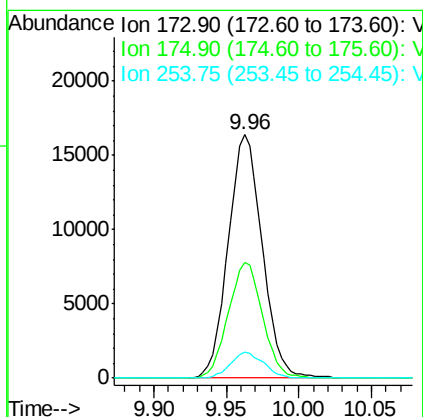
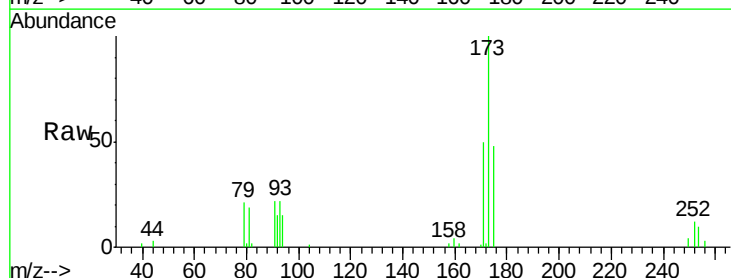
#59
 1,2,3-Trichloropropane
 Concen: 4.98 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

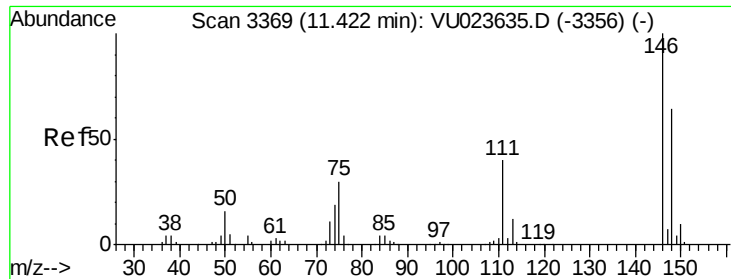
Tgt Ion: 75 Resp: 39261
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0



#61
 Bromoform
 Concen: 4.99 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

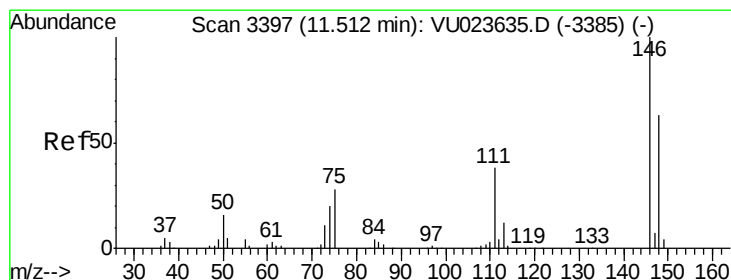
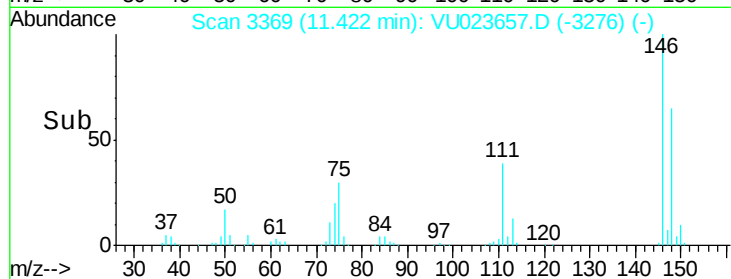
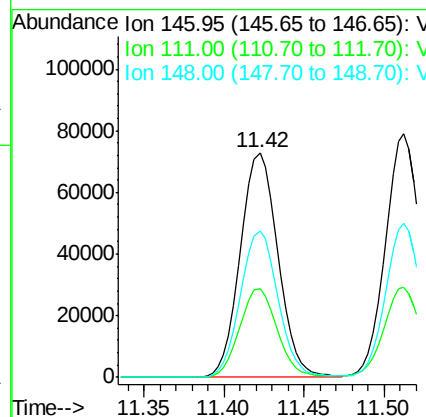
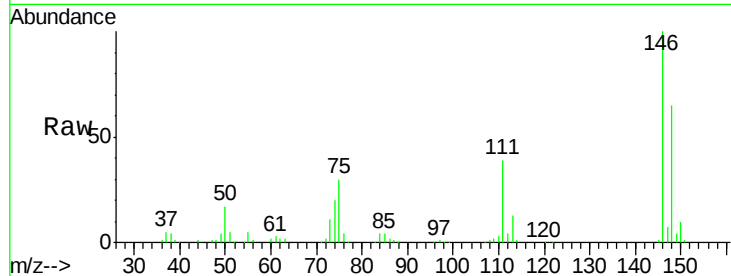
Tgt Ion: 173 Resp: 26736
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.1 57.1
 254 10.3 8.6 13.0





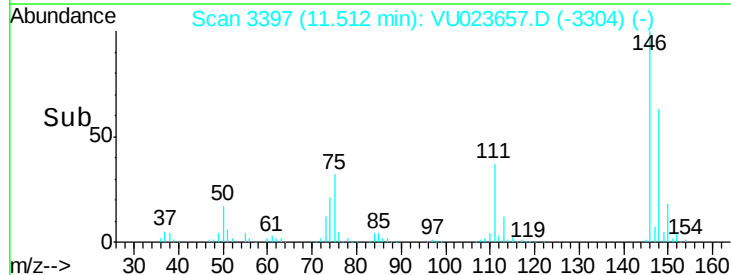
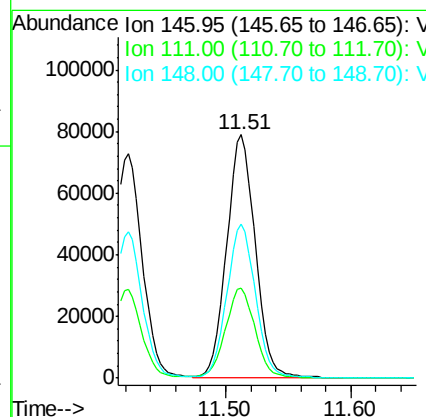
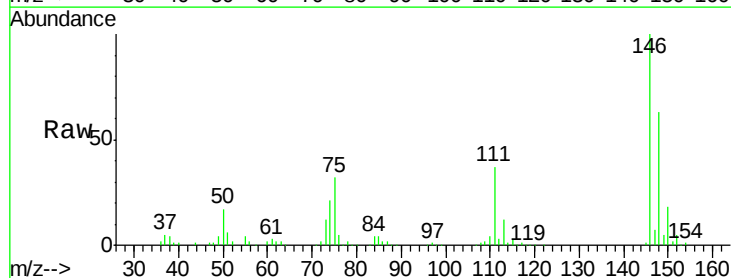
#62
 1,3-Dichlorobenzene
 Concen: 4.88 ug/L
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

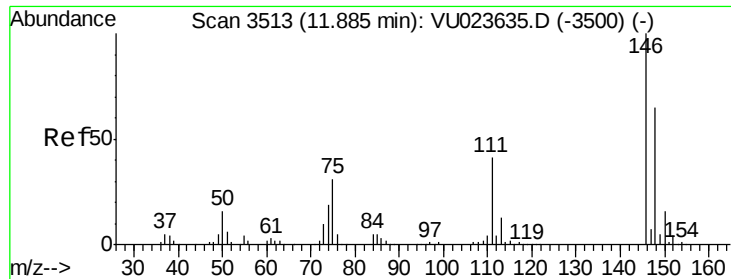
Tgt Ion:146 Resp: 117129
 Ion Ratio Lower Upper
 146 100
 111 39.5 27.9 51.9
 148 65.4 44.7 83.1



#63
 1,4-Dichlorobenzene
 Concen: 4.92 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

Tgt Ion:146 Resp: 124650
 Ion Ratio Lower Upper
 146 100
 111 37.1 26.7 49.5
 148 63.3 45.4 84.4





#65

1,2-Dichlorobenzene

Concen: 5.11 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

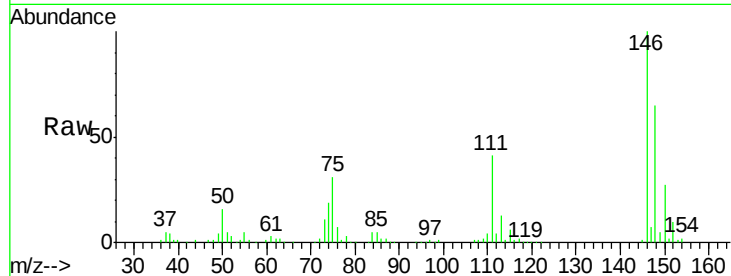
Tgt Ion: 146 Resp: 119669

Ion Ratio Lower Upper

146 100

111 41.2 33.0 49.6

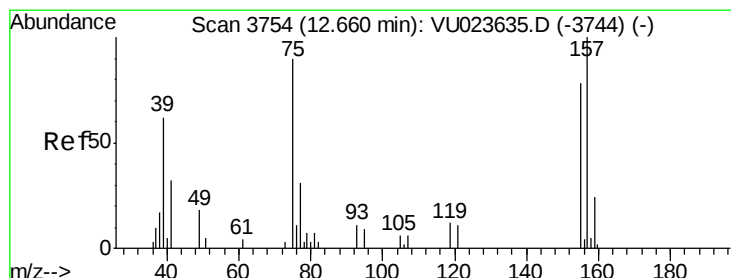
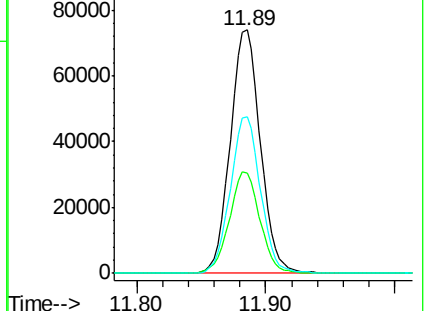
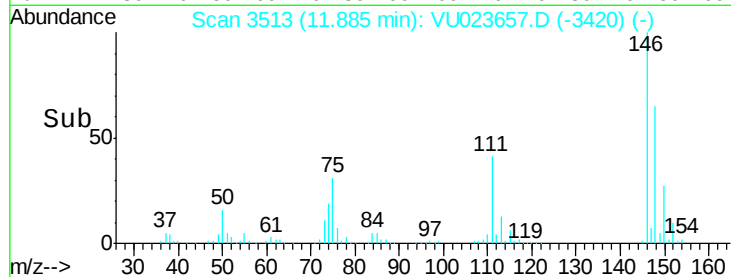
148 64.5 50.8 76.2



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: 5.14 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023657.D

Acq: 05 May 2018 03:01

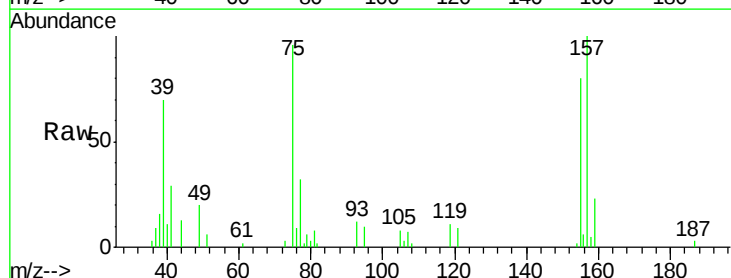
Tgt Ion: 75 Resp: 8133

Ion Ratio Lower Upper

75 100

155 83.1 60.6 90.8

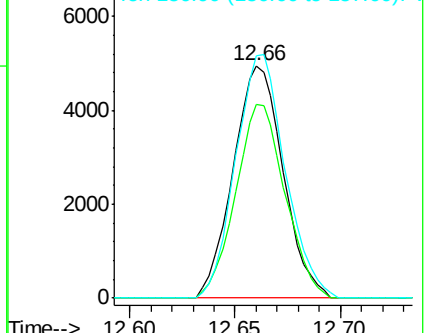
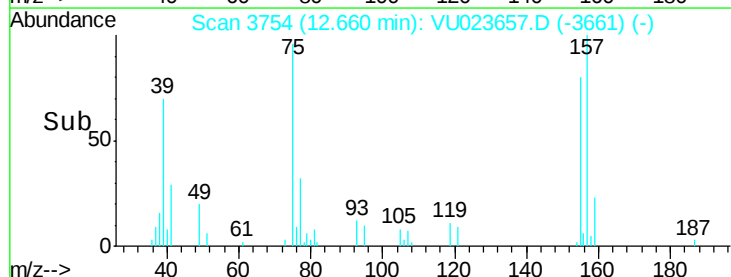
157 104.1 87.7 131.5

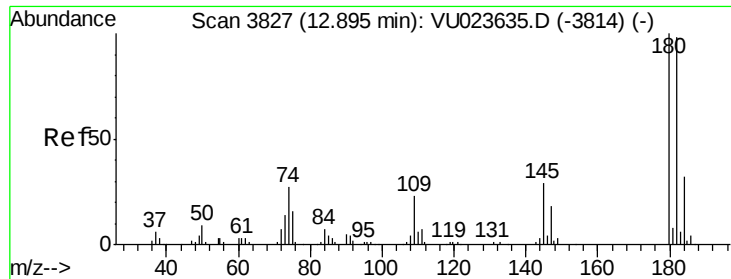


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

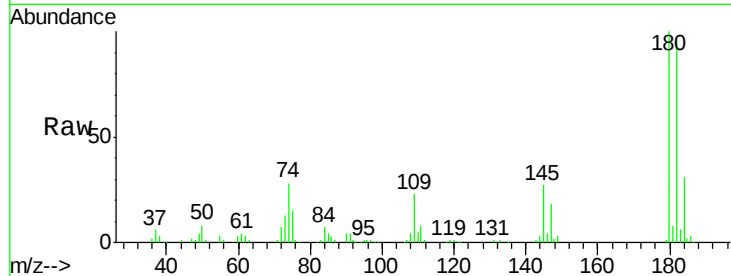
Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 4.84 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.2
184	30.7	24.4	36.6
145	27.7	22.8	34.2

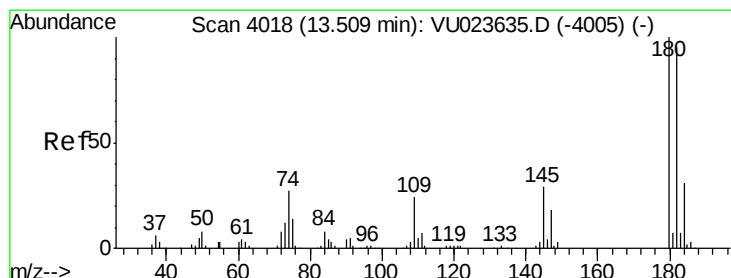
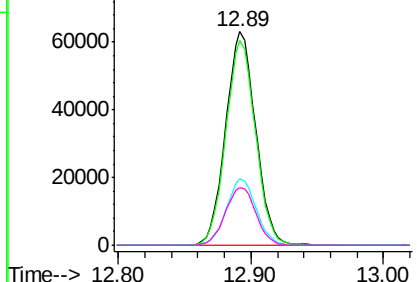
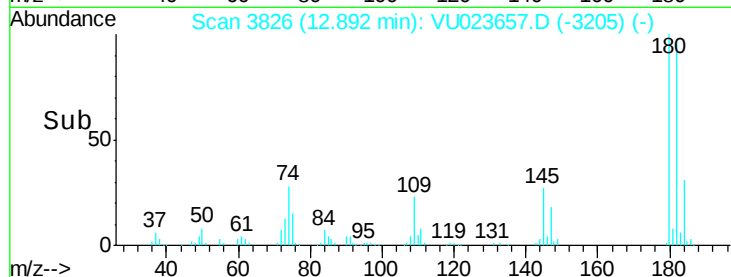


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

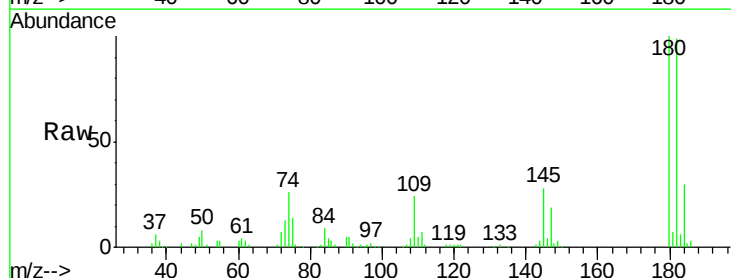
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.80 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. -0.00 min
 Lab File: VU023657.D
 Acq: 05 May 2018 03:01

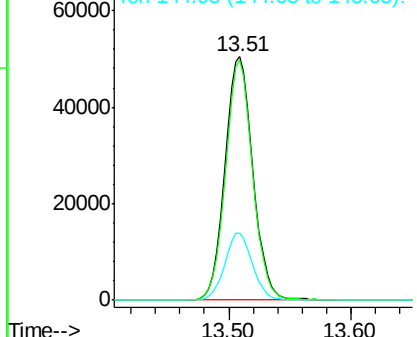
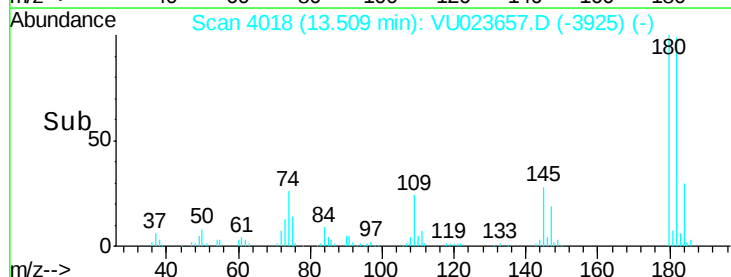
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.7	113.5
145	27.3	22.5	33.7

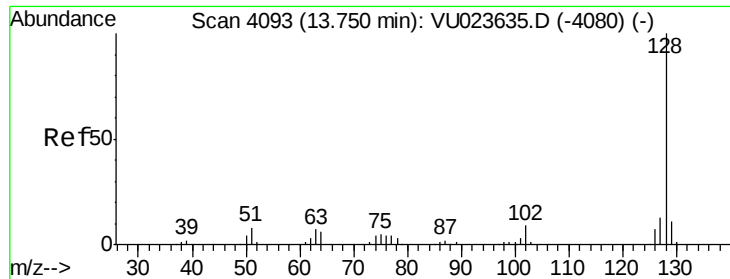


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

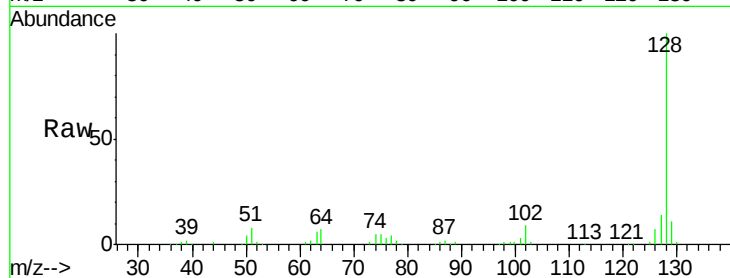
Ion 144.95 (144.65 to 145.65): V



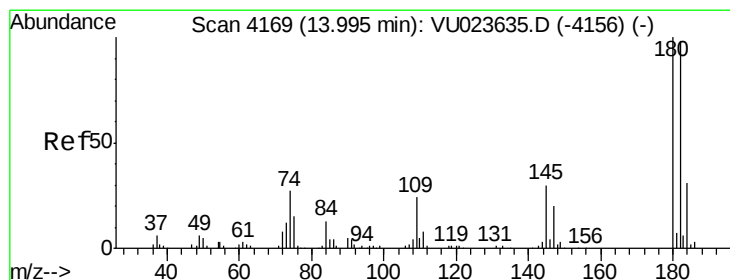
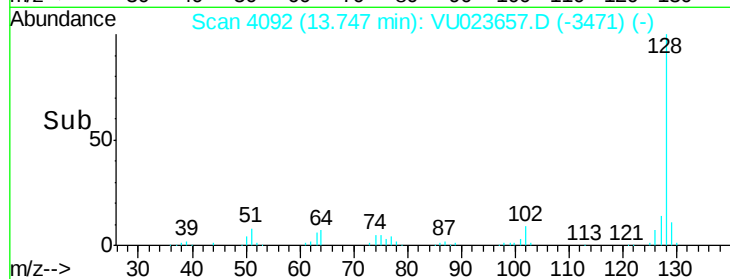
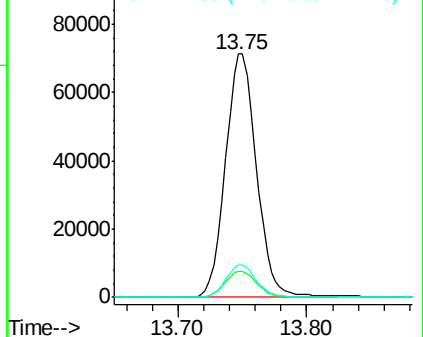


#69
Naphthalene
Concen: 4.65 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:128 Resp: 119044
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.5 15.7

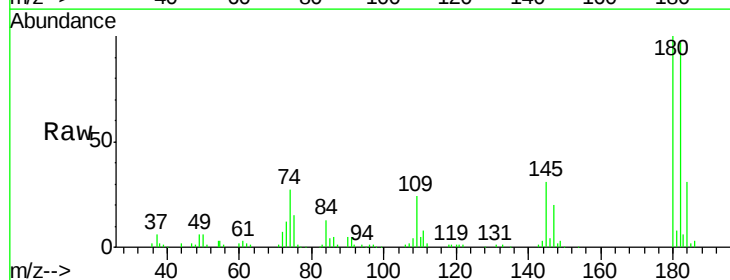


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 4.96 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023657.D
Acq: 05 May 2018 03:01

Tgt Ion:180 Resp: 78354
Ion Ratio Lower Upper
180 100
182 97.7 75.9 113.9
145 31.1 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

