

Data File : VU023608.D
Acq On : 03 May 2018 18:06
Operator : MD/SY
Sample : VSTD00542
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 01:32:15 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	166602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	83256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60156	4.84	ug/L	0.00
7) Chloroethane-d5	1.68	69	45767	4.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	107201	5.01	ug/L	0.00
20) 2-Butanone-d5	4.20	46	178024	72.09	ug/L	0.00
24) Chloroform-d	4.65	84	111225	5.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	58226	5.68	ug/L	0.00
32) Benzene-d6	5.34	84	218296	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	72193	5.19	ug/L	0.00
41) Toluene-d8	7.57	98	210975	5.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	26385	5.53	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	141482	58.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	56736	5.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	77279	4.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79072	5.47	ug/L	100
3) Chloromethane	1.33	50	84535	5.79	ug/L	100
5) Vinyl chloride	1.40	62	78197	5.16	ug/L	100
6) Bromomethane	1.63	94	42244	5.08	ug/L	100
8) Chloroethane	1.70	64	46007	5.32	ug/L	100
9) Trichlorofluoromethane	1.89	101	89489	5.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	51925	5.12	ug/L	100
12) 1,1-Dichloroethene	2.28	96	48989	4.86	ug/L	100
13) Acetone	2.33	43	97495	60.77	ug/L	100
14) Carbon disulfide	2.47	76	175620	5.44	ug/L	100
15) Methyl Acetate	2.62	43	27334	5.87	ug/L	100
16) Methylene chloride	2.70	84	54912	4.84	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	128606	5.40	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	53755	4.96	ug/L	100
19) 1,1-Dichloroethane	3.44	63	103984	5.17	ug/L	100
21) 2-Butanone	4.29	43	186472	66.74	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	64779	5.26	ug/L	100
23) Bromochloromethane	4.55	128	27664	5.16	ug/L	100
25) Chloroform	4.68	83	111087	5.41	ug/L	100
27) 1,2-Dichloroethane	5.41	62	71948	5.89	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	89820	5.35	ug/L	100
30) Cyclohexane	4.99	56	100171	5.45	ug/L	100
31) Carbon tetrachloride	5.13	117	76461	5.17	ug/L	100
33) Benzene	5.39	78	252098	5.31	ug/L	100
34) Trichloroethene	6.19	95	63821	5.10	ug/L	100
35) Methylcyclohexane	6.42	83	96963	4.99	ug/L	100
37) 1,2-Dichloropropane	6.44	63	70192	5.69	ug/L	100
38) Bromodichloromethane	6.76	83	76847	5.61	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	87794	5.49	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	440402	65.27	ug/L	100

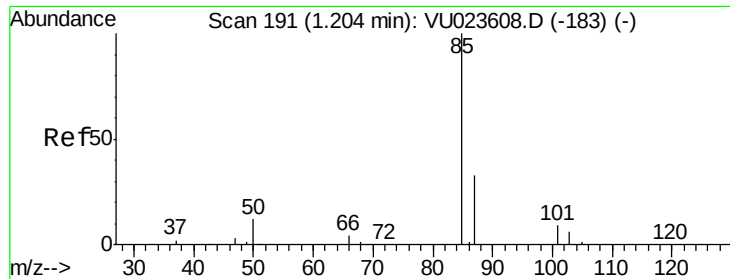
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	264147	5.27	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	70437	5.77	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	44271	5.28	ug/L	100
47) Tetrachloroethene	8.23	164	51265	4.91	ug/L	100
48) 2-Hexanone	8.37	43	321484	66.87	ug/L	100
49) Dibromochloromethane	8.48	129	50093	5.45	ug/L	100
50) 1,2-Dibromoethane	8.59	107	41057	5.34	ug/L	100
51) Chlorobenzene	9.12	112	165307	5.10	ug/L	100
52) Ethylbenzene	9.26	91	272469	5.14	ug/L	100
53) m,p-xylene	9.38	106	105103	5.24	ug/L	100
54) o-xylene	9.78	106	99793	5.14	ug/L	100
55) Styrene	9.80	104	179670	5.49	ug/L	100
56) Isopropylbenzene	10.17	105	263886	5.25	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	58379	5.64	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	41377	5.61	ug/L	100
61) Bromoform	9.96	173	28748	5.51	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	129008	5.06	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	133187	5.10	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	126049	5.13	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	8657	6.16	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	108417	5.20	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	90755	5.20	ug/L	100
69) Naphthalene	13.75	128	139203	5.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	87165	5.32	ug/L	100

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

[illegible]



#2

Dichlorodifluoromethane

Concen: 5.47 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023608.D

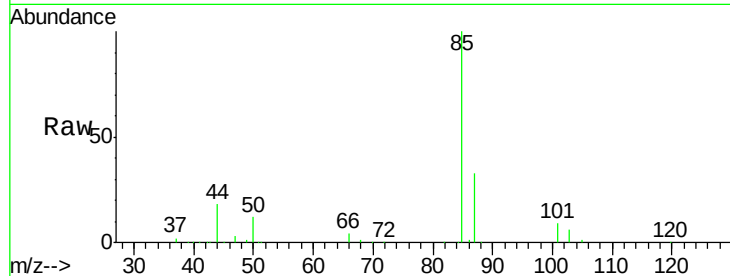
Acq: 03 May 2018 18:06

Tgt Ion: 85 Resp: 79072

Ion Ratio Lower Upper

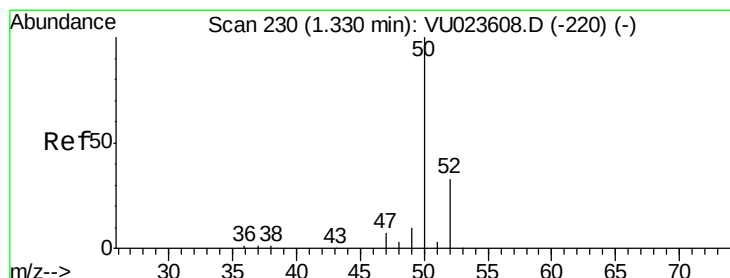
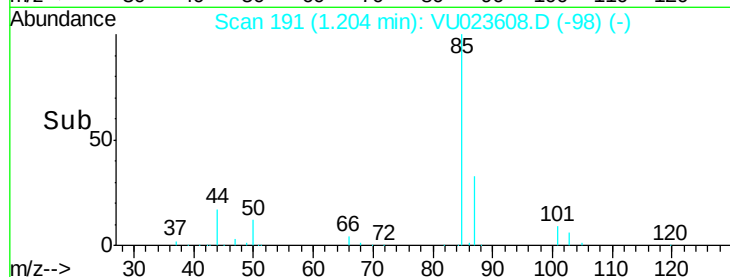
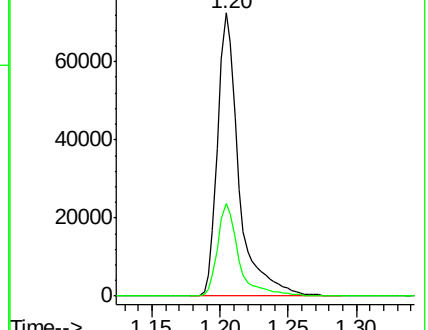
85 100

87 32.6 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU023608.D (-183) (-)

Ion 87.00 (86.70 to 87.70): VU023608.D (-183) (-)



#3

Chloromethane

Concen: 5.79 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023608.D

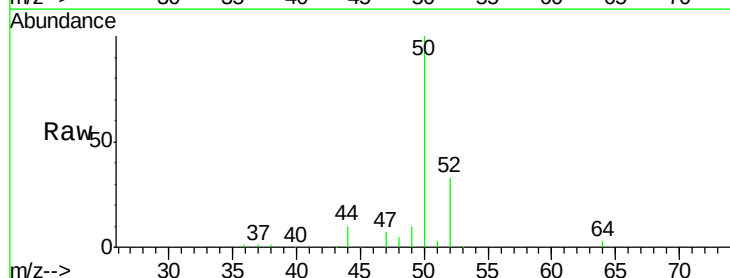
Acq: 03 May 2018 18:06

Tgt Ion: 50 Resp: 84535

Ion Ratio Lower Upper

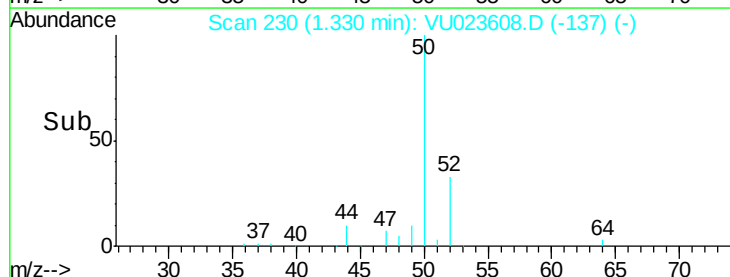
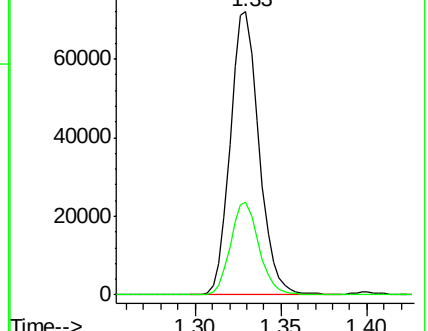
50 100

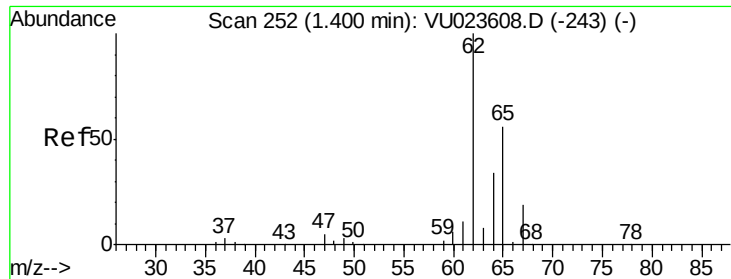
52 32.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU023608.D (-220) (-)

Ion 52.05 (51.75 to 52.75): VU023608.D (-220) (-)





#5

Vinyl chloride

Concen: 5.16 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU023608.D

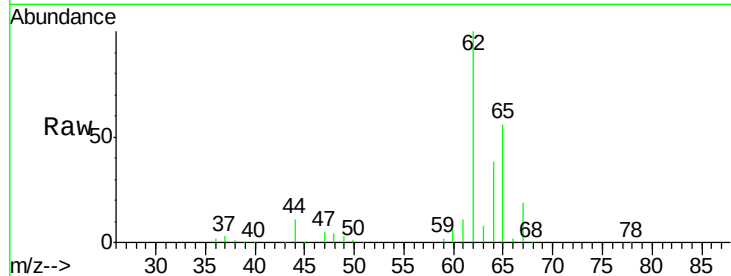
Acq: 03 May 2018 18:06

Tgt Ion: 62 Resp: 78197

Ion Ratio Lower Upper

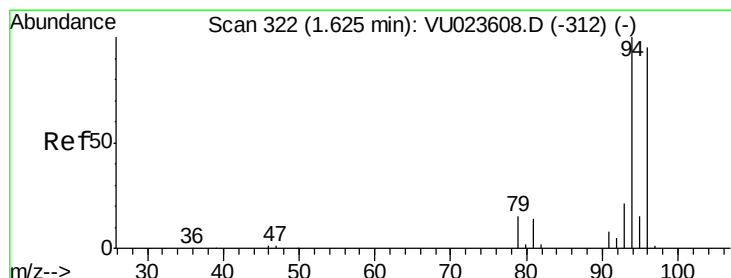
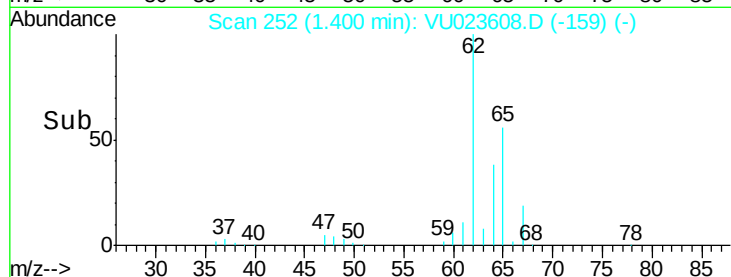
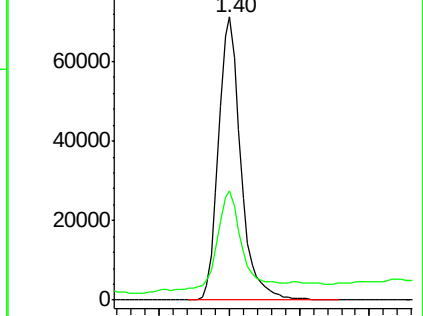
62 100

64 38.4 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: 5.08 ug/L

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU023608.D

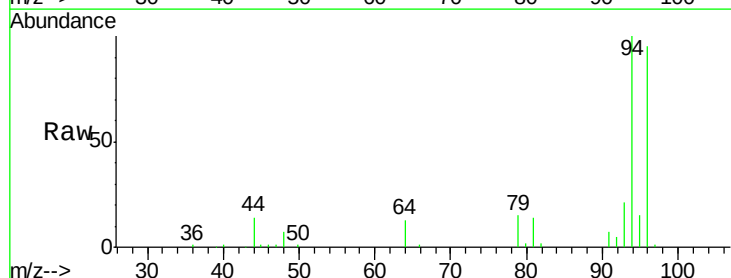
Acq: 03 May 2018 18:06

Tgt Ion: 94 Resp: 42244

Ion Ratio Lower Upper

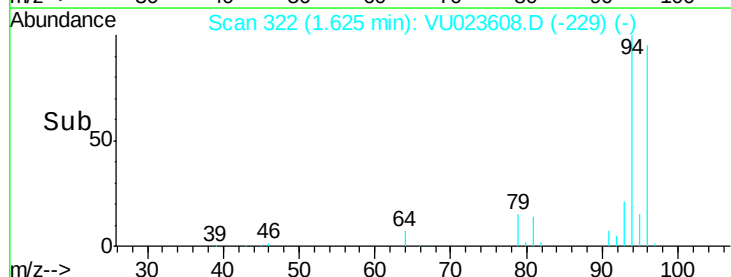
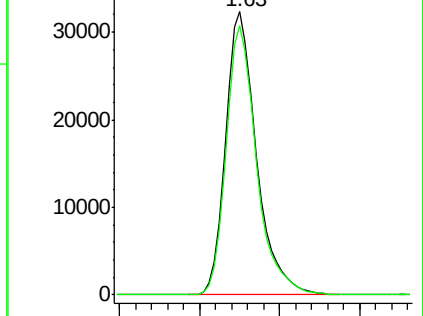
94 100

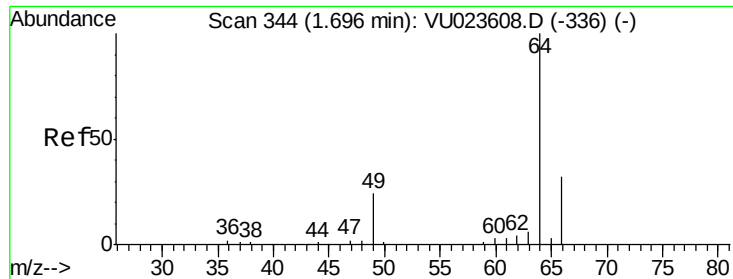
96 95.1 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

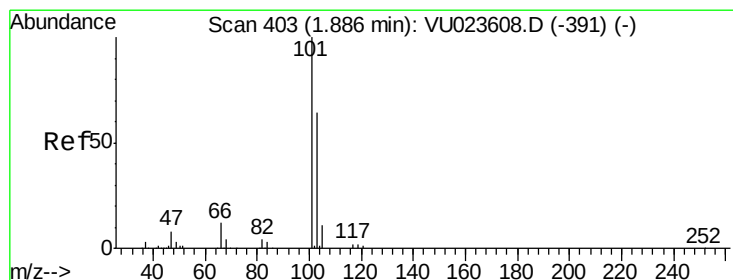
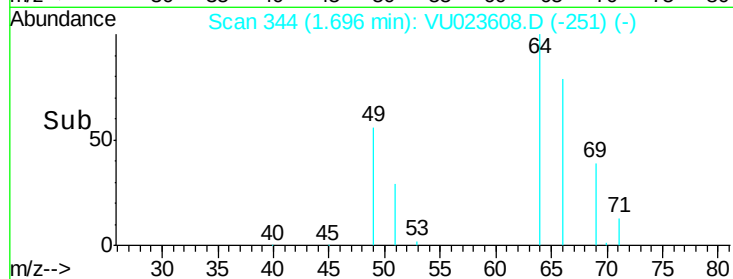
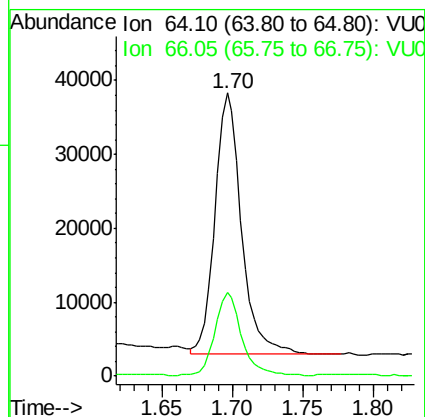
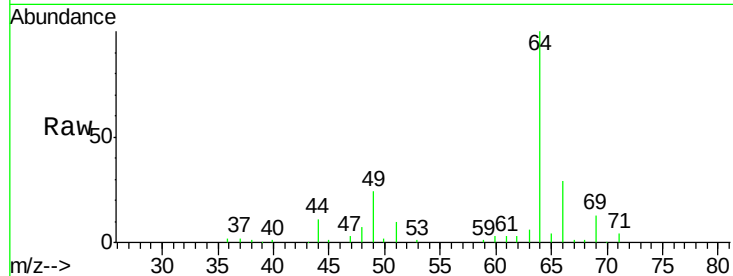
Ion 96.00 (95.70 to 96.70): VU0





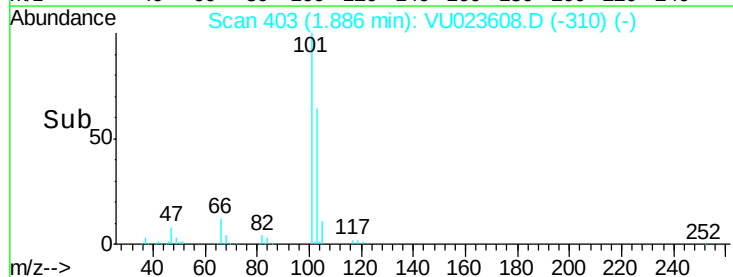
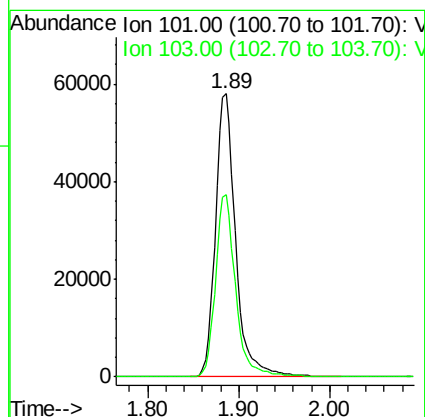
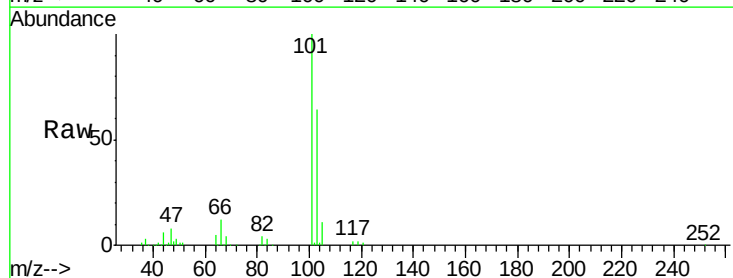
#8
Chloroethane
Concen: 5.32 ug/L
RT: 1.70 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

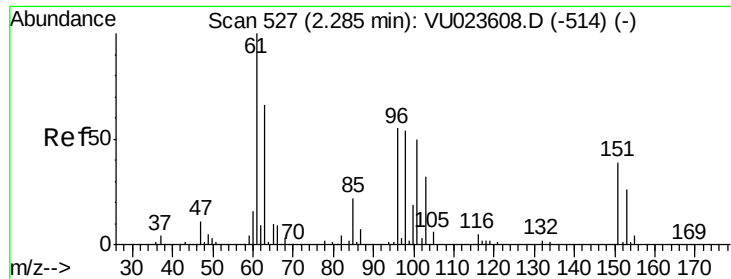
Tgt Ion: 64 Resp: 46007
Ion Ratio Lower Upper
64 100
66 29.4 20.6 38.2



#9
Trichlorofluoromethane
Concen: 5.08 ug/L
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion: 101 Resp: 89489
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

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

Concen: 5.12 ug/L

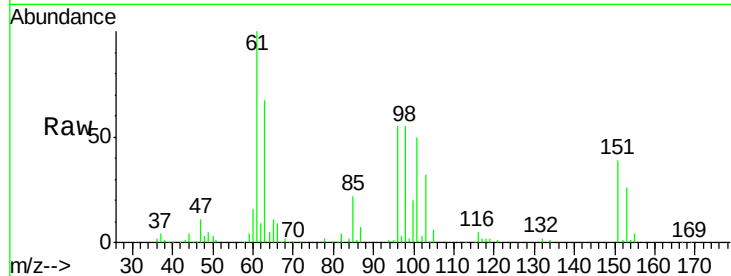
RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023608.D

Acq: 03 May 2018 18:06

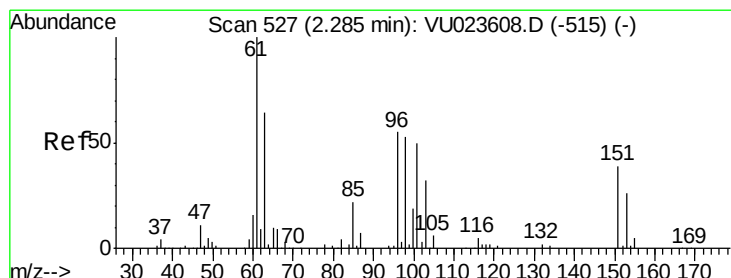
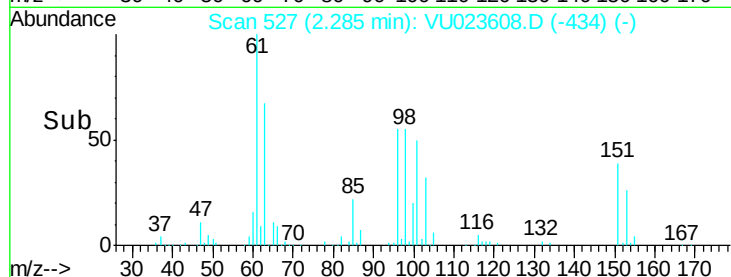
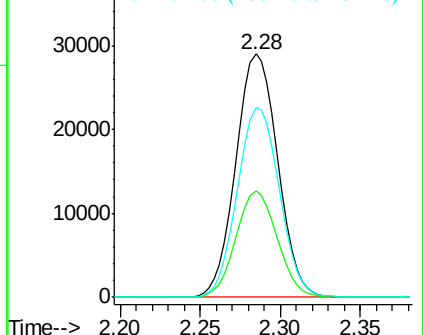
Tgt Ion:	101	Resp:	51925
Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.5	51.7
151	78.6	62.9	94.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.86 ug/L

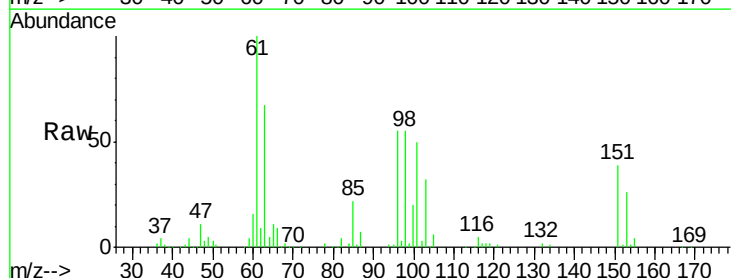
RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023608.D

Acq: 03 May 2018 18:06

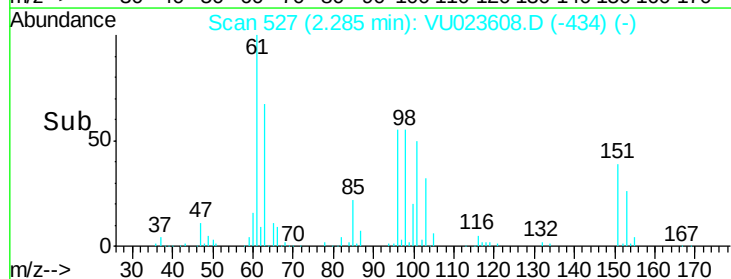
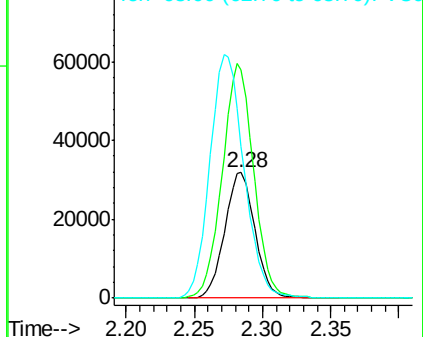
Tgt Ion:	96	Resp:	48989
Ion	Ratio	Lower	Upper
96	100		
61	182.0	127.4	236.6
63	121.1	84.8	157.4

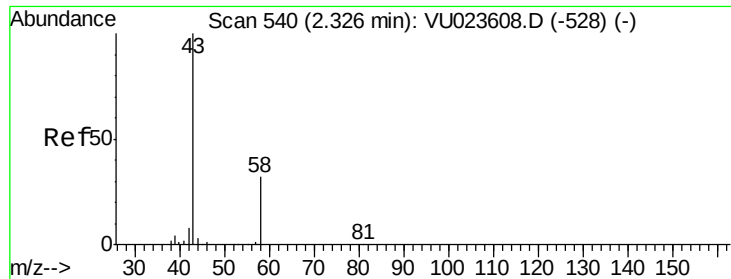


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 60.77 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023608.D

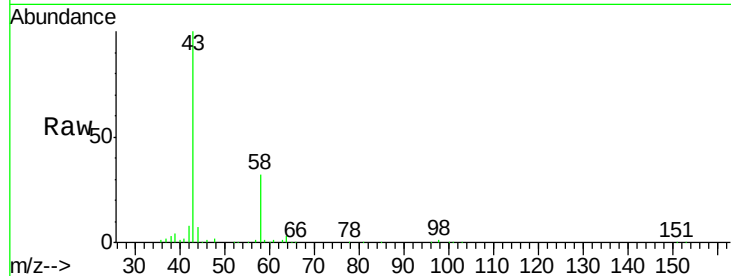
Acq: 03 May 2018 18:06

Tgt Ion: 43 Resp: 97495

Ion Ratio Lower Upper

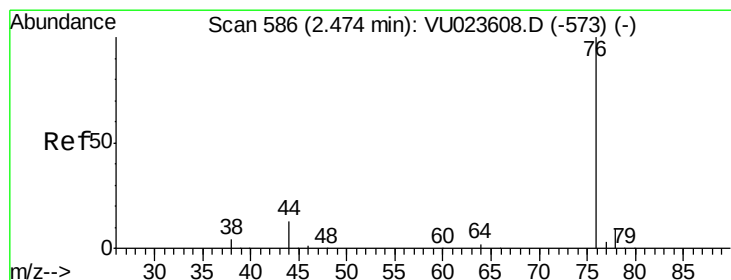
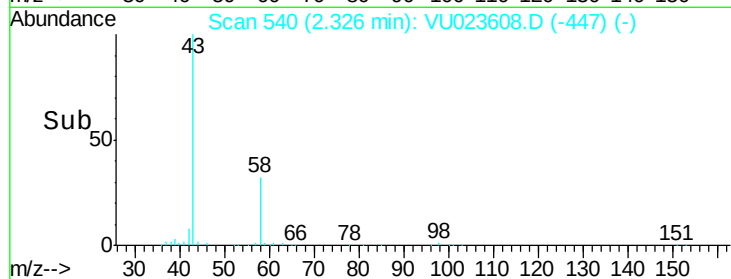
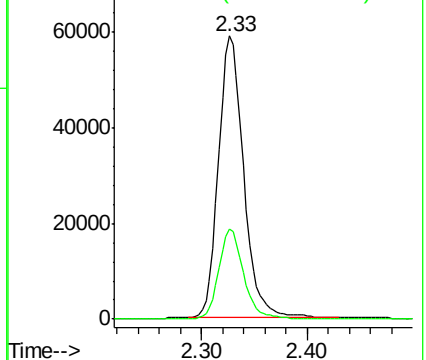
43 100

58 31.9 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: 5.44 ug/L

RT: 2.47 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU023608.D

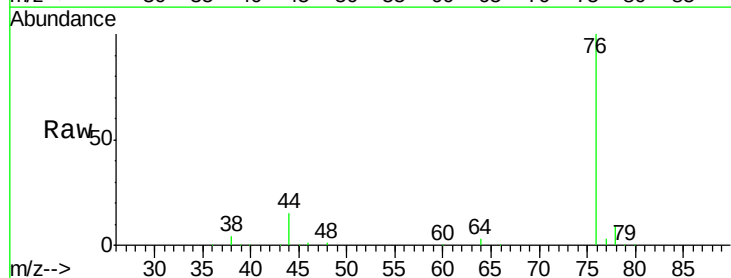
Acq: 03 May 2018 18:06

Tgt Ion: 76 Resp: 175620

Ion Ratio Lower Upper

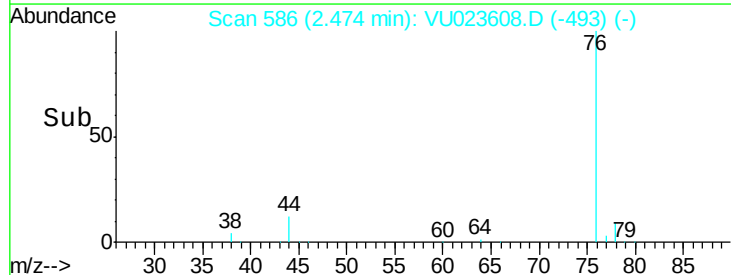
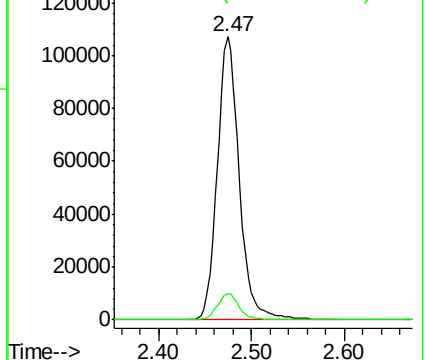
76 100

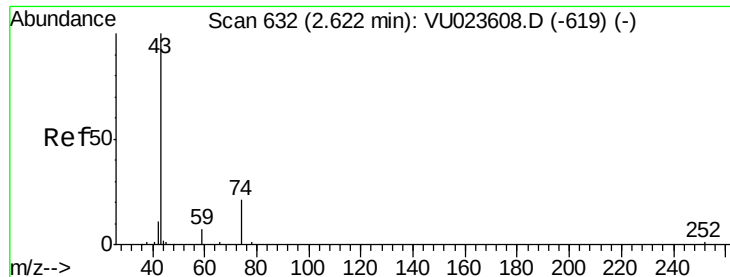
78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

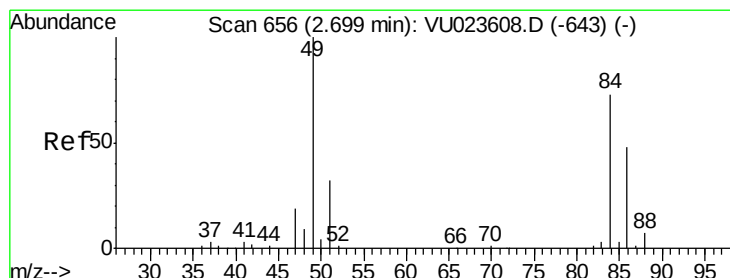
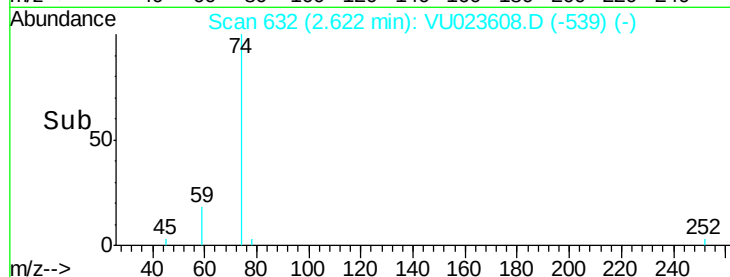
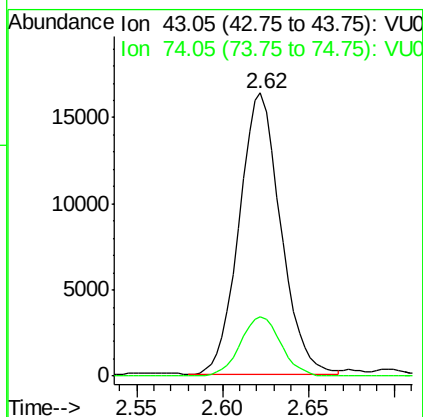
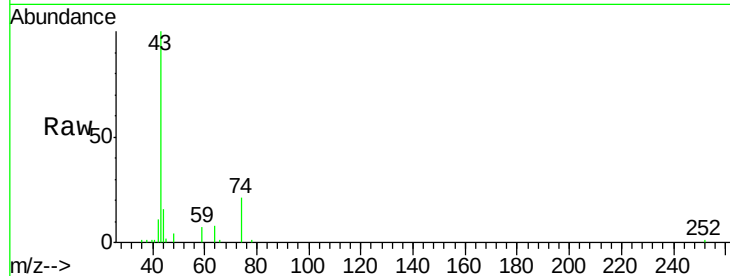
Ion 78.00 (77.70 to 78.70): VU0





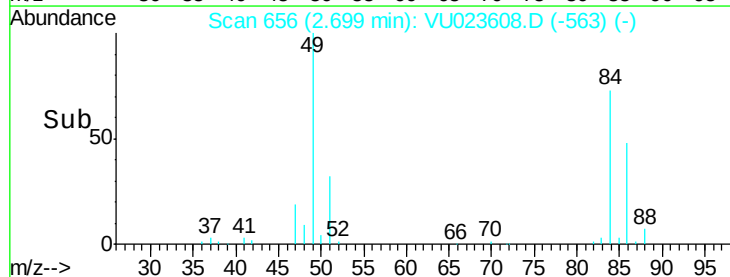
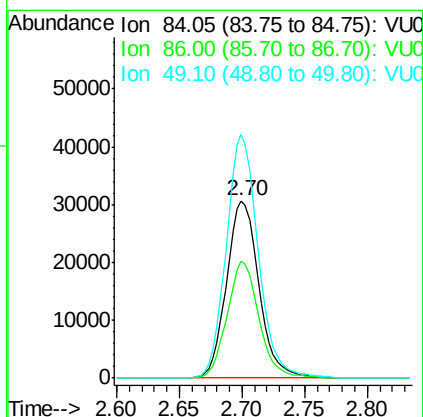
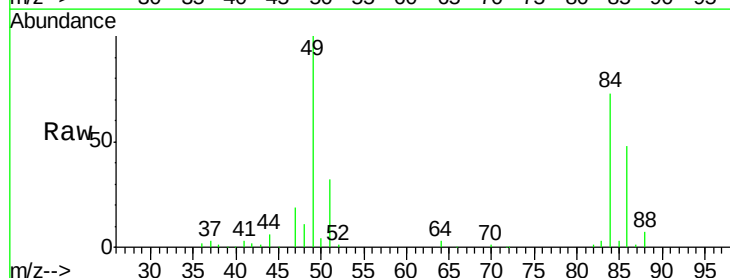
#15
Methyl Acetate
Concen: 5.87 ug/L
RT: 2.62 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

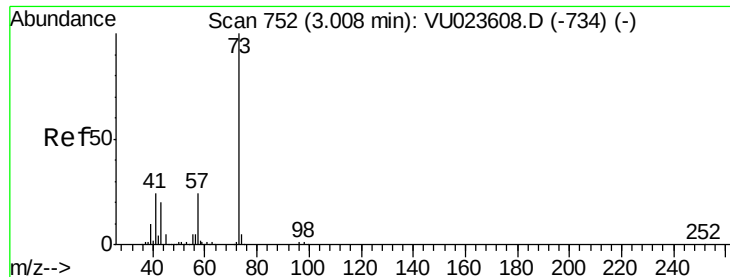
Tgt Ion: 43 Resp: 27334
Ion Ratio Lower Upper
43 100
74 20.7 16.6 24.8



#16
Methylene chloride
Concen: 4.84 ug/L
RT: 2.70 min Scan# 656
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

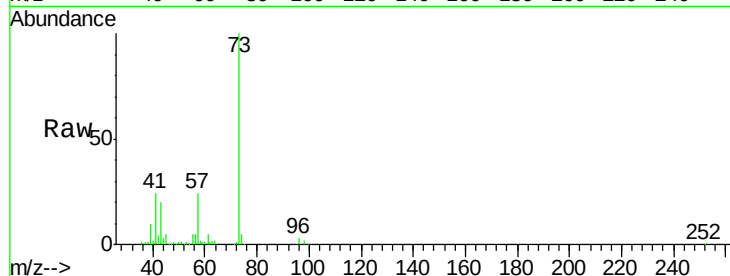
Tgt Ion: 84 Resp: 54912
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 137.2 96.0 178.4



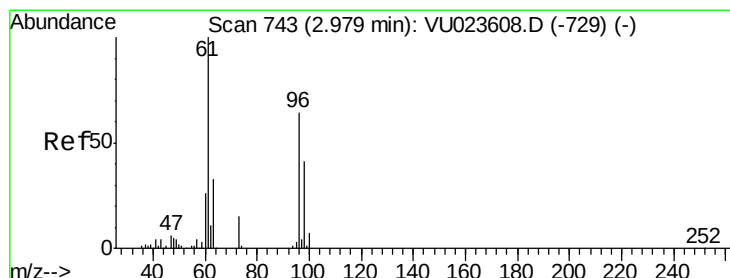
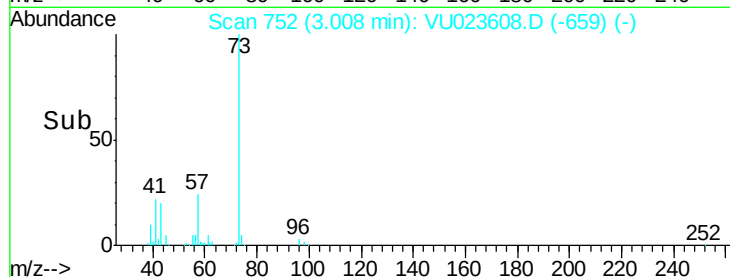
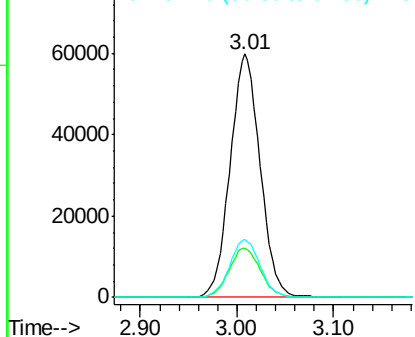


#17
Methyl tert-butyl Ether
Concen: 5.40 ug/L
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:	73	Resp:	128606
Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.6	25.0
57	24.2	19.4	29.0

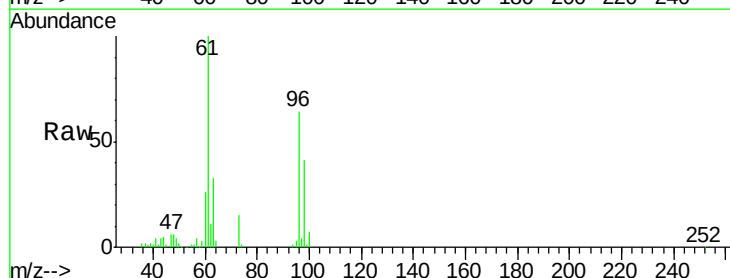


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

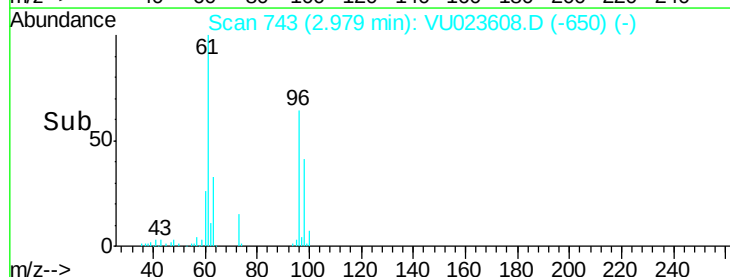
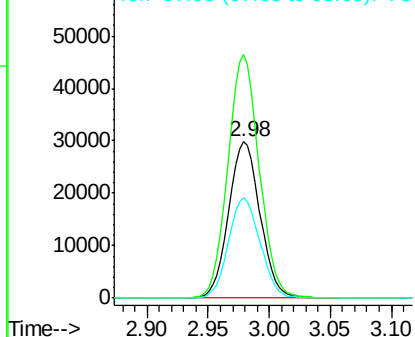


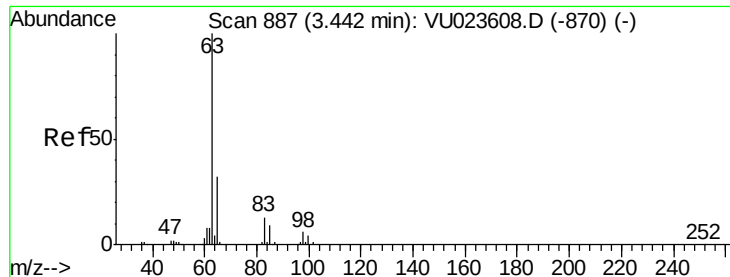
#18
trans-1,2-Dichloroethene
Concen: 4.96 ug/L
RT: 2.98 min Scan# 743
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:	96	Resp:	53755
Ion	Ratio	Lower	Upper
96	100		
61	155.7	109.0	202.4
98	63.9	44.7	83.1



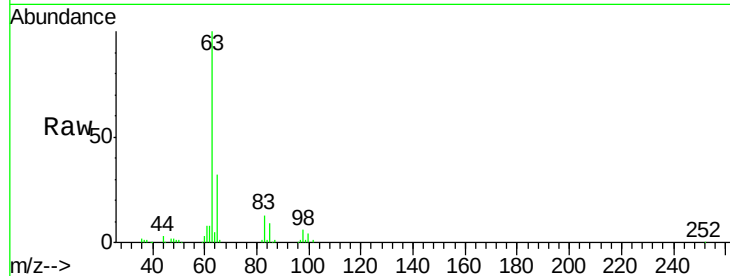
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



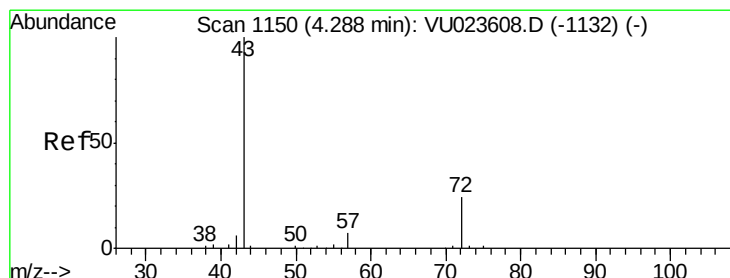
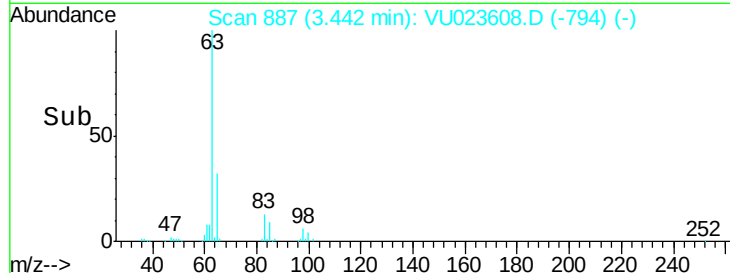
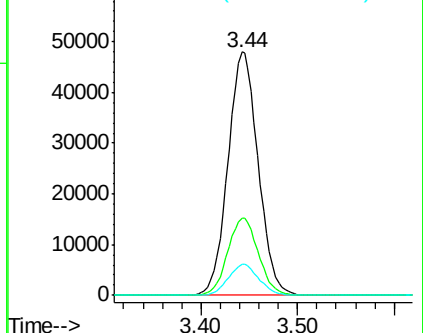


#19
1,1-Dichloroethane
Concen: 5.17 ug/L
RT: 3.44 min Scan# 887
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion: 63 Resp: 103984
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.6 8.8 16.4

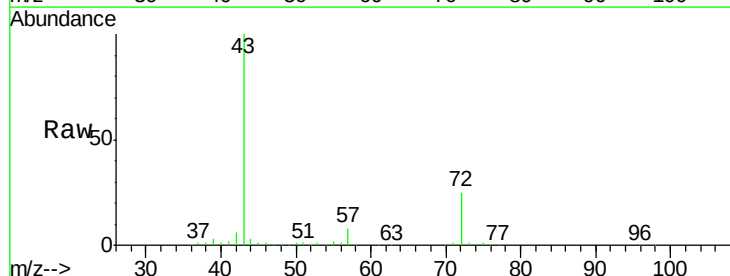


Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

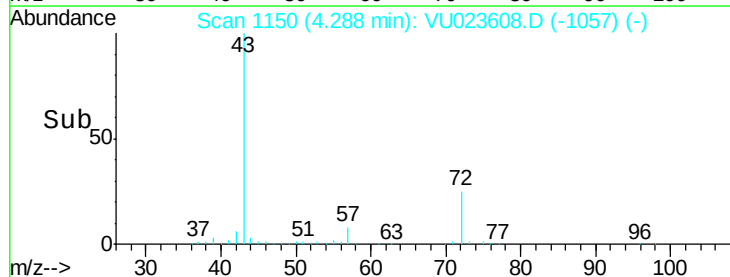
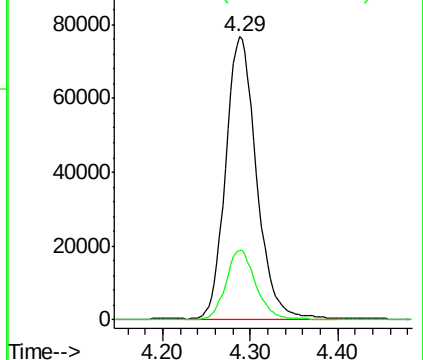


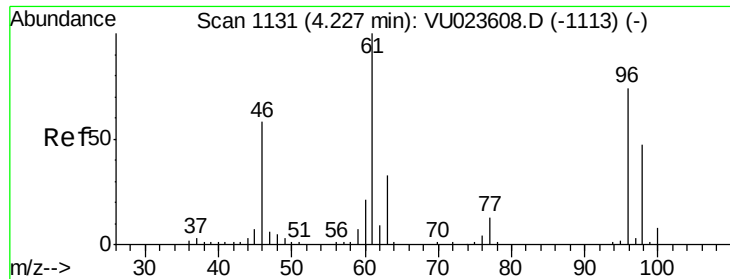
#21
2-Butanone
Concen: 66.74 ug/L
RT: 4.29 min Scan# 1150
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion: 43 Resp: 186472
Ion Ratio Lower Upper
43 100
72 24.5 12.3 36.8



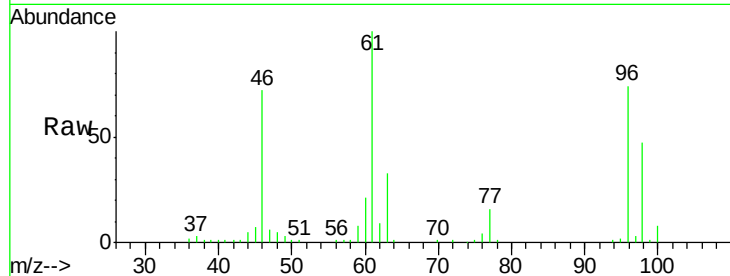
Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0



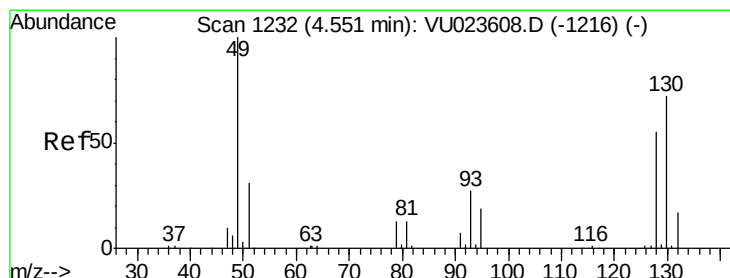
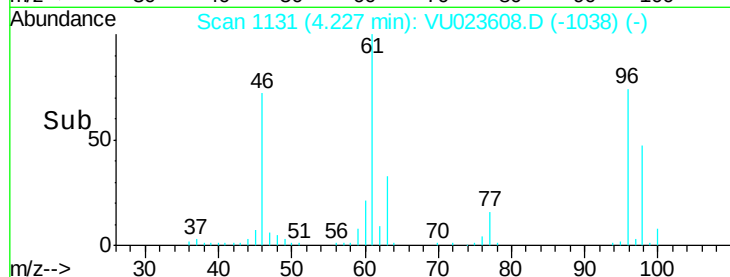
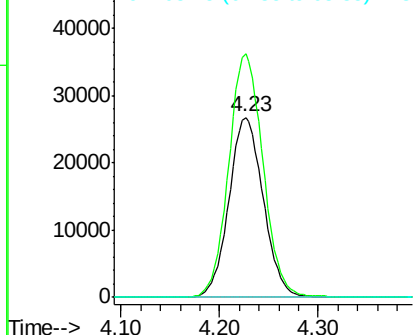


#22
 cis-1,2-Dichloroethene
 Concen: 5.26 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 96 Resp: 64779
 Ion Ratio Lower Upper
 96 100
 61 135.1 94.6 175.6
 68 0.0 0.0 0.0

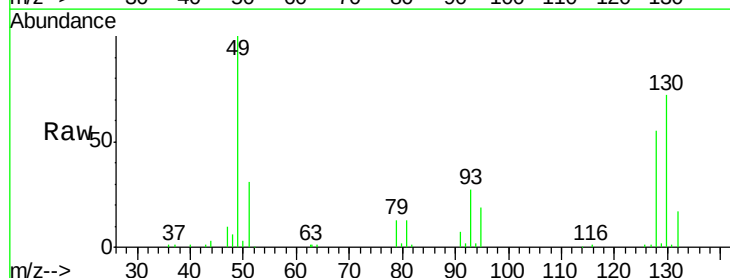


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

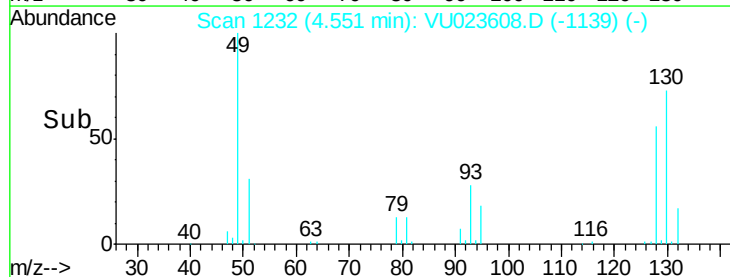
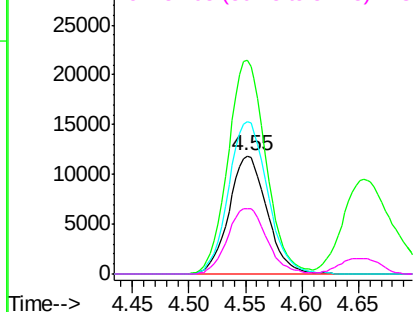


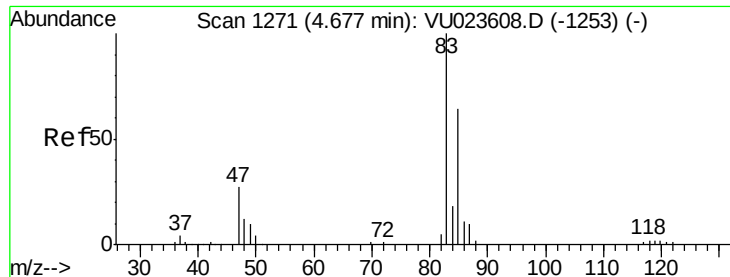
#23
 Bromochloromethane
 Concen: 5.16 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 128 Resp: 27664
 Ion Ratio Lower Upper
 128 100
 49 180.7 126.5 234.9
 130 129.2 90.4 168.0
 51 55.7 44.6 66.8



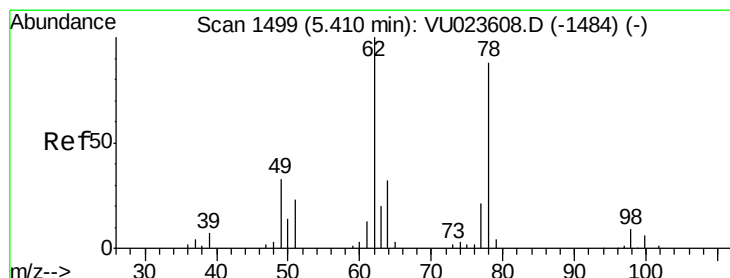
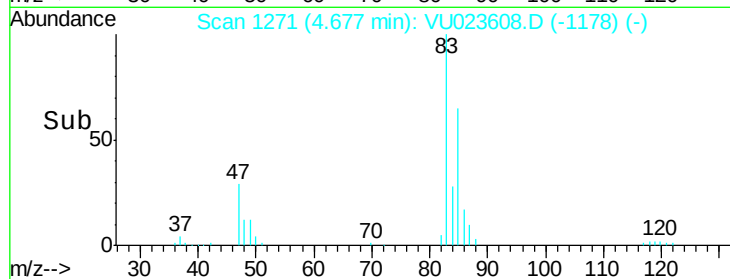
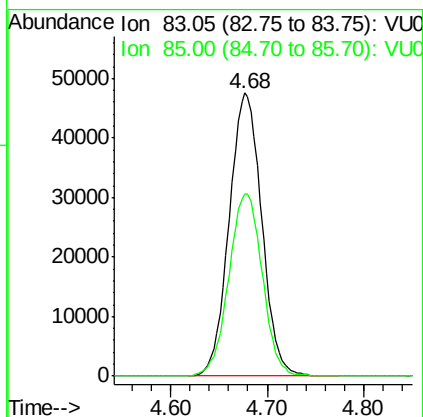
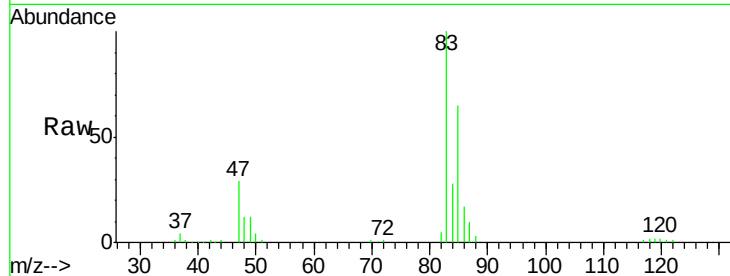
Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0





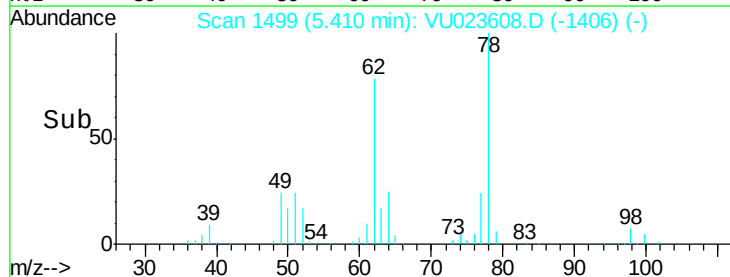
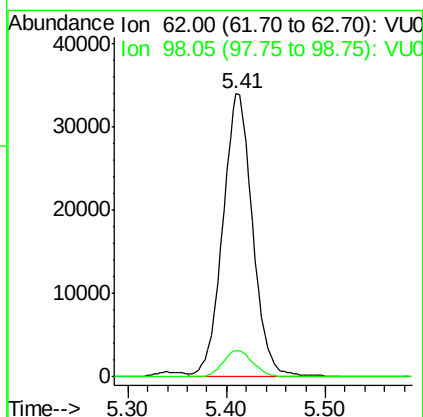
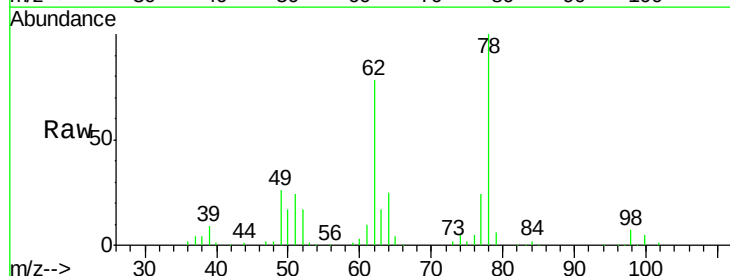
#25
Chloroform
Concen: 5.41 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

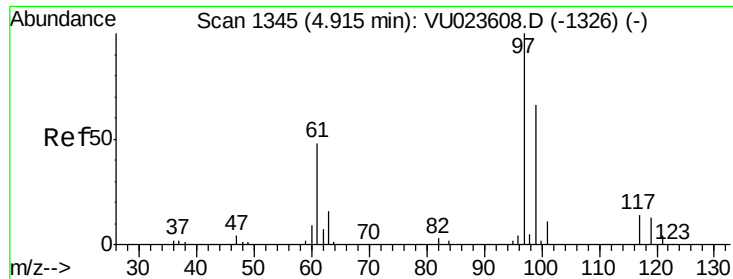
Tgt Ion: 83 Resp: 111087
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.89 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

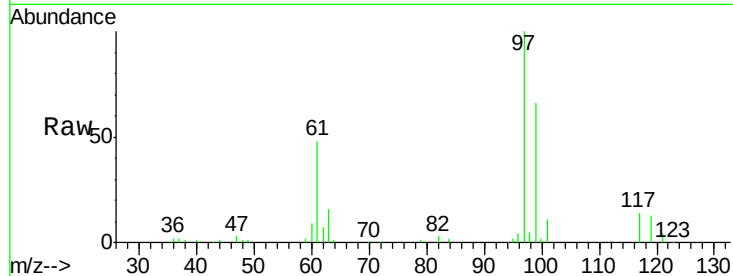
Tgt Ion: 62 Resp: 71948
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0



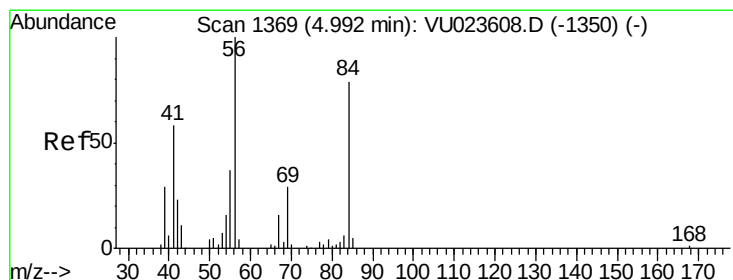
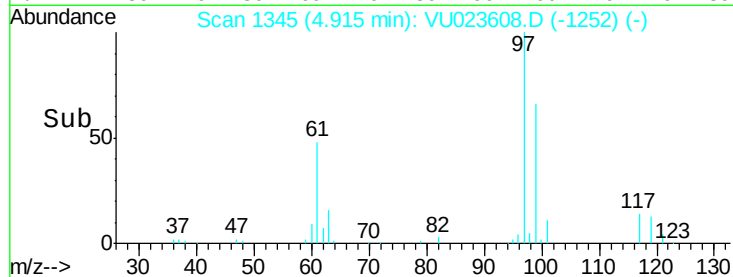
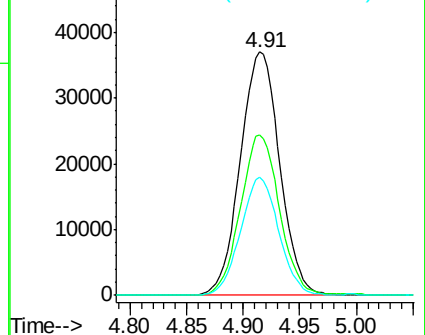


#29
 1,1,1-Trichloroethane
 Concen: 5.35 ug/L
 RT: 4.91 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 97 Resp: 89820
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.2 78.2
 61 47.2 37.8 56.6

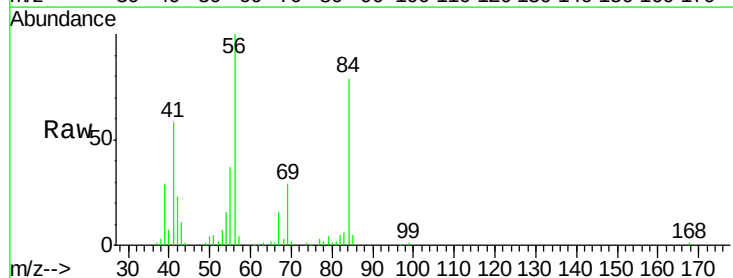


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

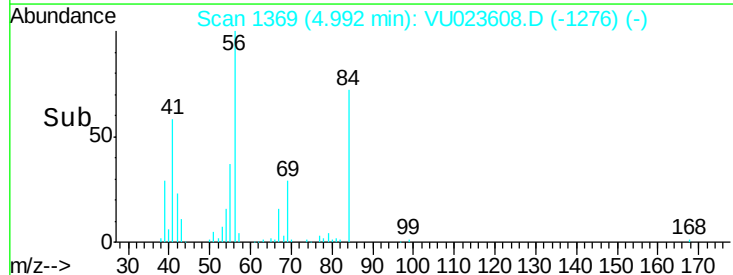
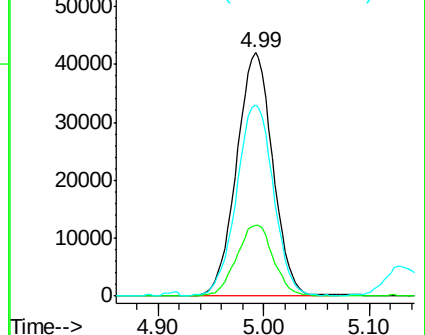


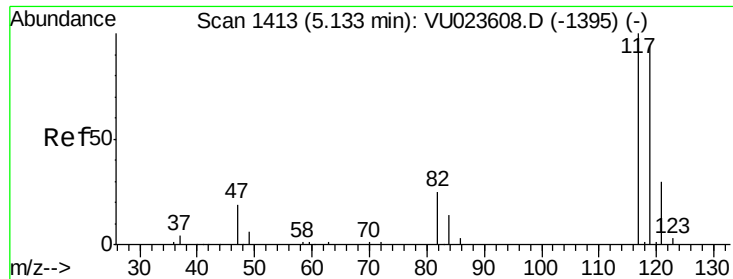
#30
 Cyclohexane
 Concen: 5.45 ug/L
 RT: 4.99 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 56 Resp: 100171
 Ion Ratio Lower Upper
 56 100
 69 29.5 23.6 35.4
 84 80.5 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: 5.17 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023608.D

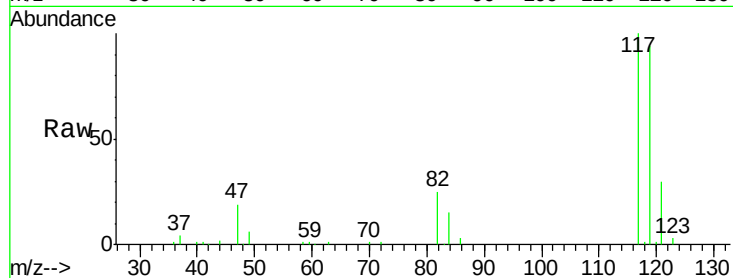
Acq: 03 May 2018 18:06

Tgt Ion: 117 Resp: 76461

Ion Ratio Lower Upper

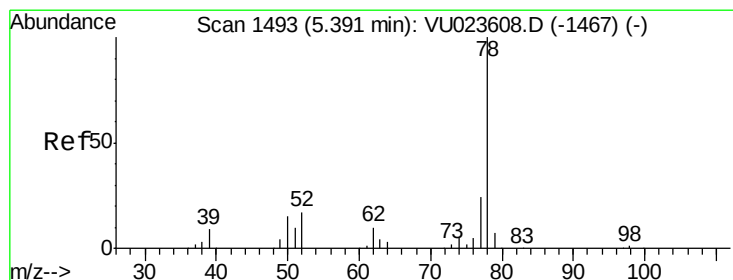
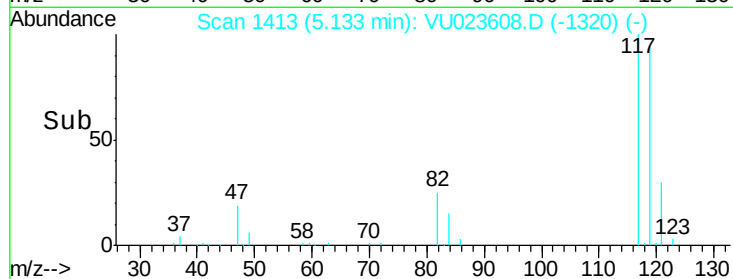
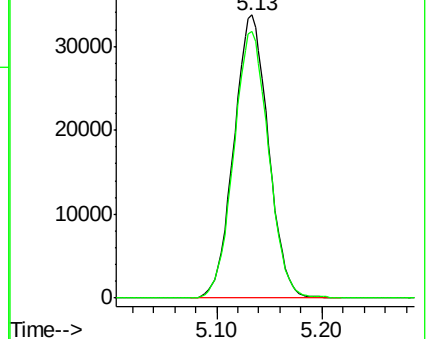
117 100

119 95.0 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: 5.31 ug/L

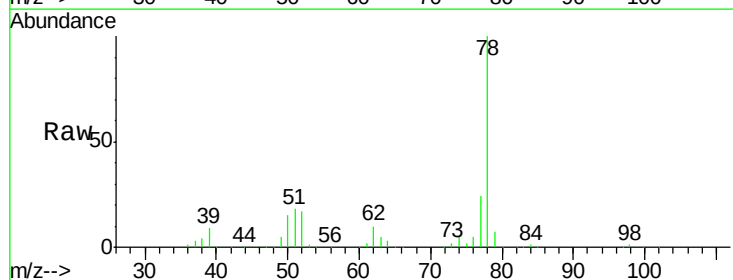
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

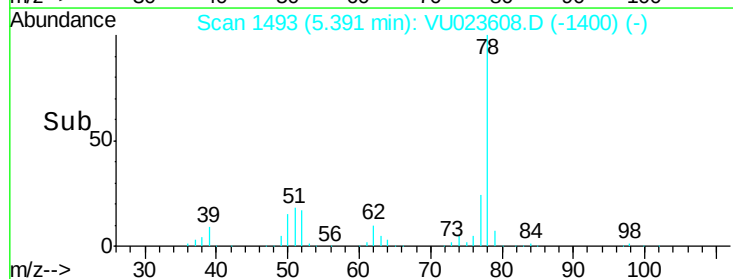
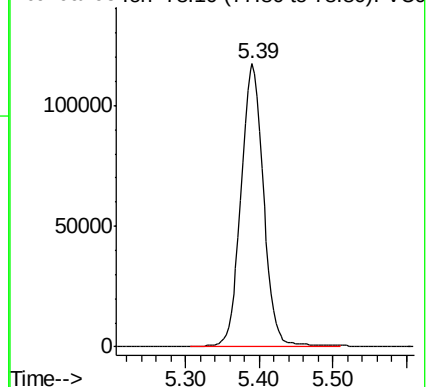
Lab File: VU023608.D

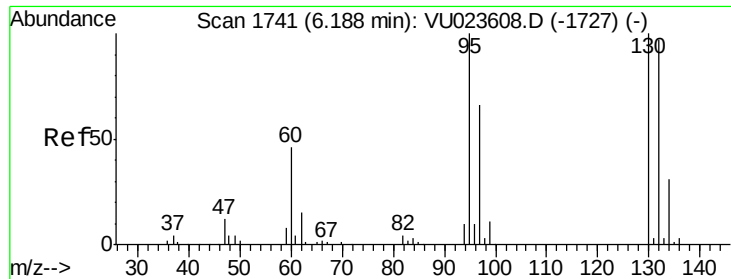
Acq: 03 May 2018 18:06

Tgt Ion: 78 Resp: 252098



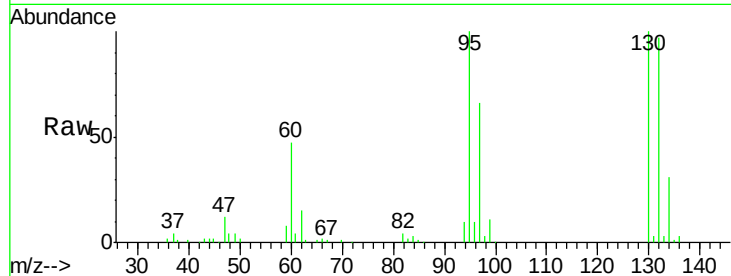
Abundance Ion 78.10 (77.80 to 78.80): VU0



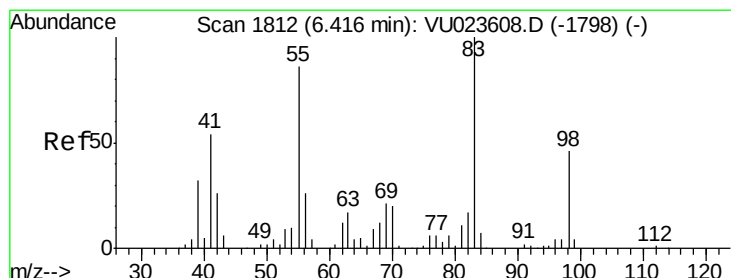
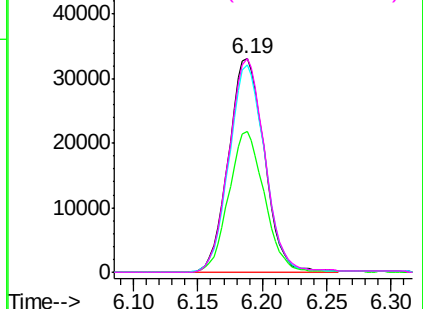
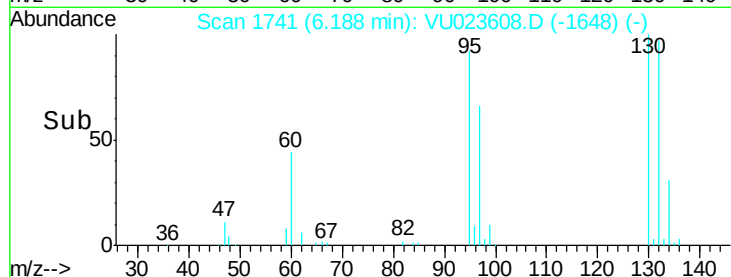


#34
 Trichloroethene
 Concen: 5.10 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 95 Resp: 63821
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.0 85.4
 132 97.3 68.1 126.5
 130 100.1 70.1 130.1

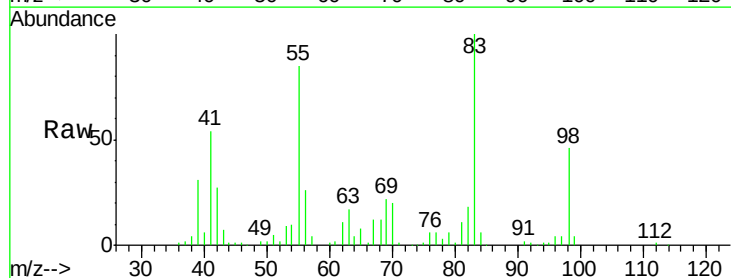


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

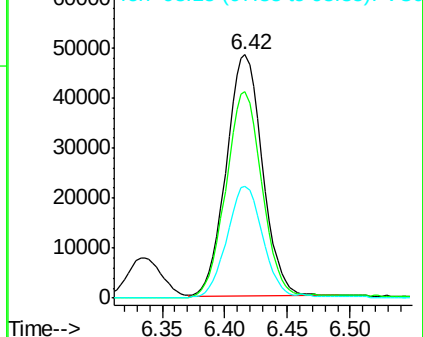
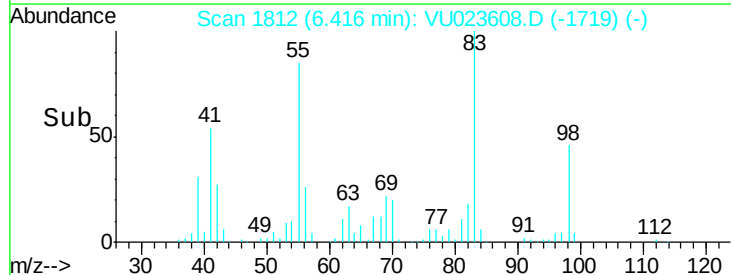


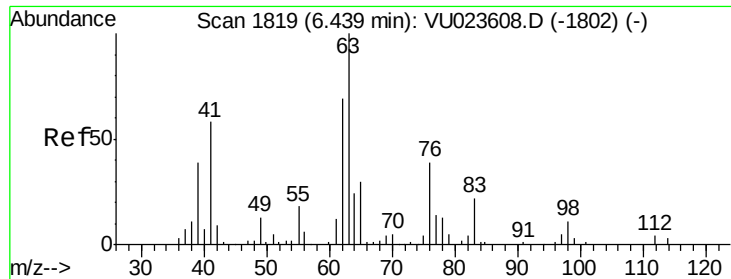
#35
 Methylcyclohexane
 Concen: 4.99 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 83 Resp: 96963
 Ion Ratio Lower Upper
 83 100
 55 85.5 68.4 102.6
 98 45.9 36.7 55.1



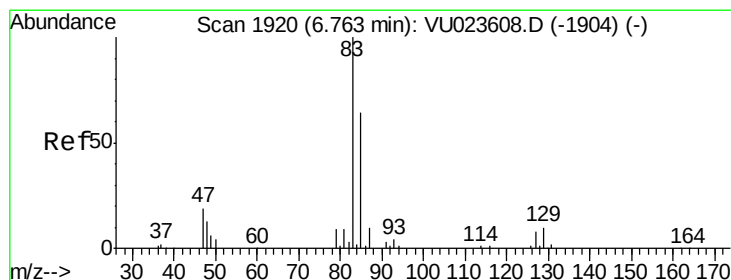
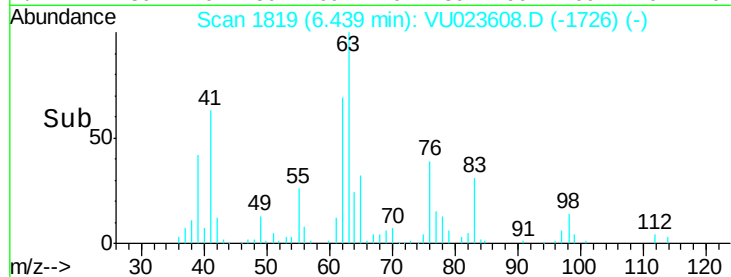
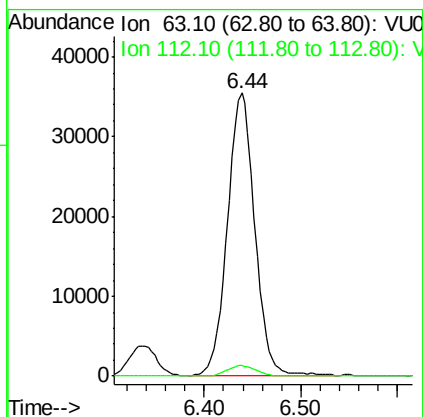
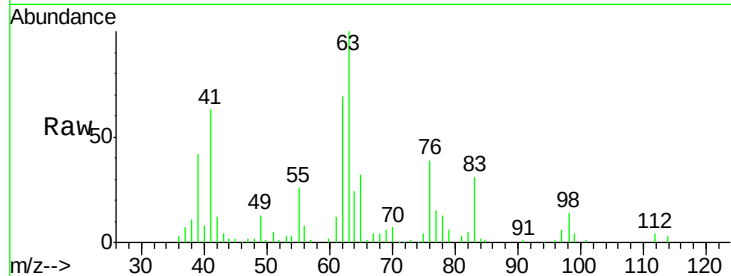
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





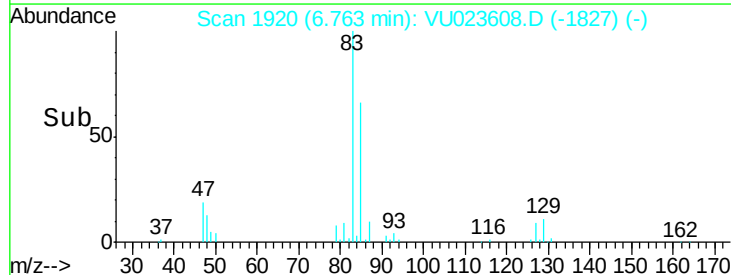
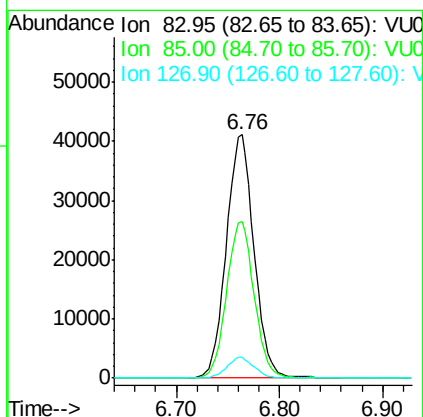
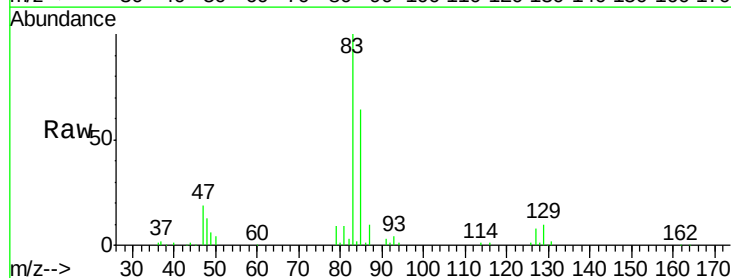
#37
 1,2-Dichloropropane
 Concen: 5.69 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

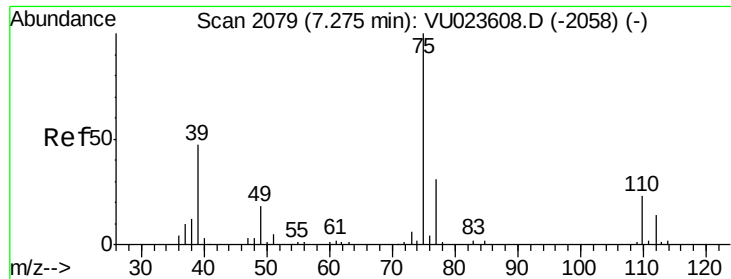
Tgt Ion: 63 Resp: 70192
 Ion Ratio Lower Upper
 63 100
 112 3.7 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.61 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

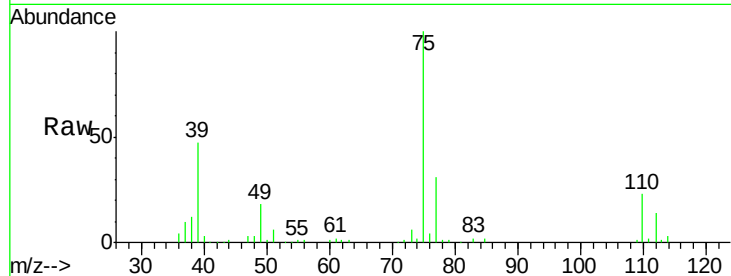
Tgt Ion: 83 Resp: 76847
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.7
 127 8.4 6.7 10.1



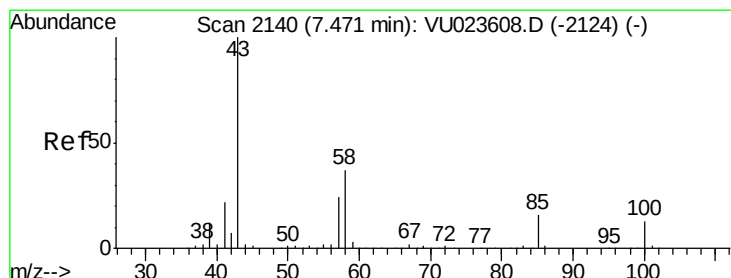
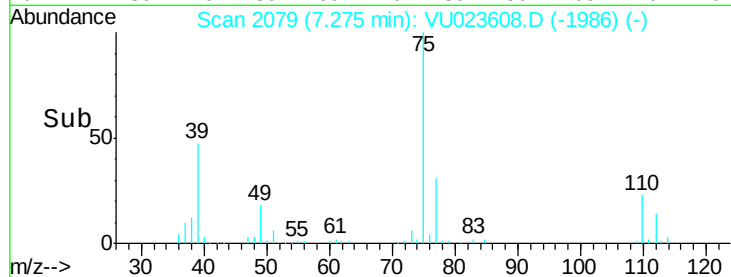
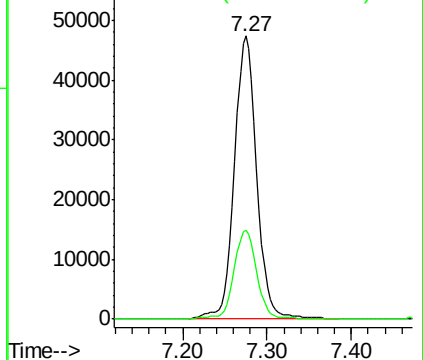


#39
 cis-1,3-Dichloropropene
 Concen: 5.49 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 75 Resp: 87794
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0

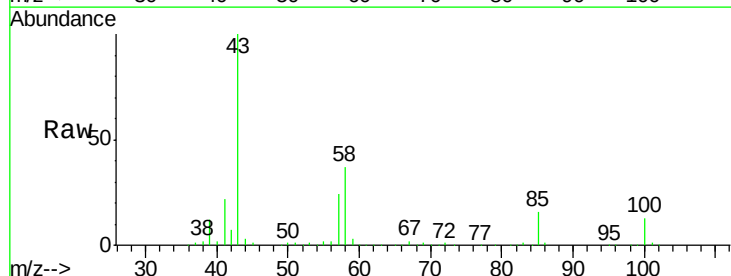


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

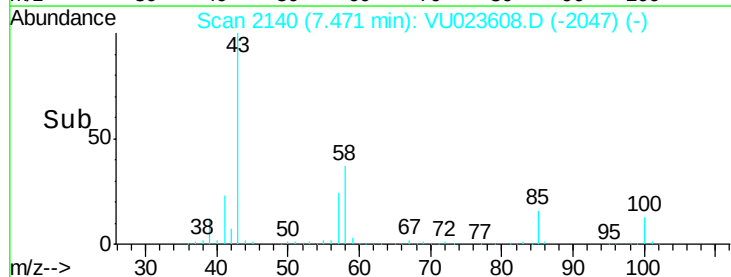
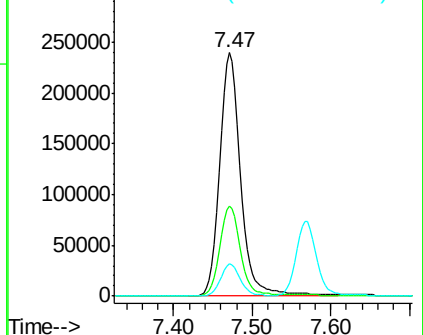


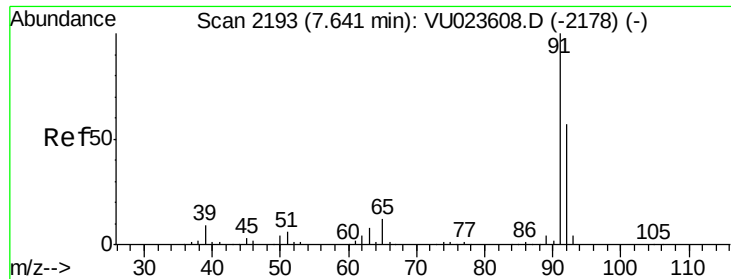
#40
 4-Methyl-2-pentanone
 Concen: 65.27 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 43 Resp: 440402
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5
 100 12.6 10.1 15.1



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.27 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023608.D

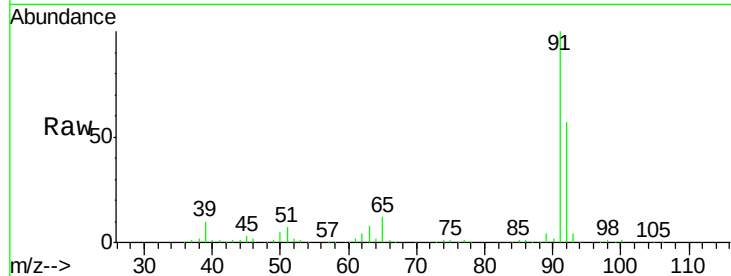
Acq: 03 May 2018 18:06

Tgt Ion: 91 Resp: 264147

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

150000

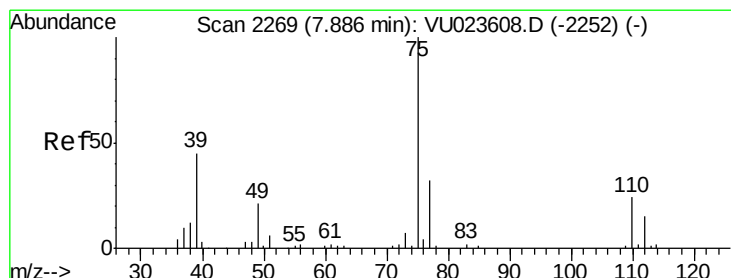
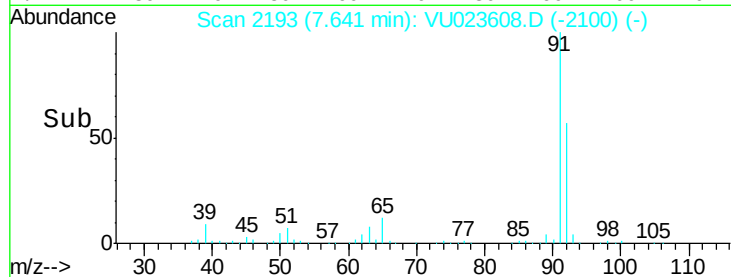
100000

50000

0

Time-->

7.50 7.60 7.70 7.80



#44

trans-1,3-Dichloropropene

Concen: 5.77 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023608.D

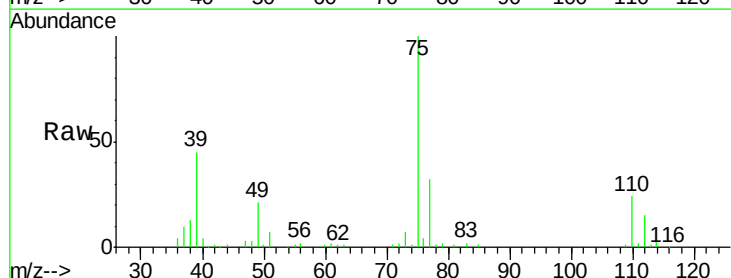
Acq: 03 May 2018 18:06

Tgt Ion: 75 Resp: 70437

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.89

40000

30000

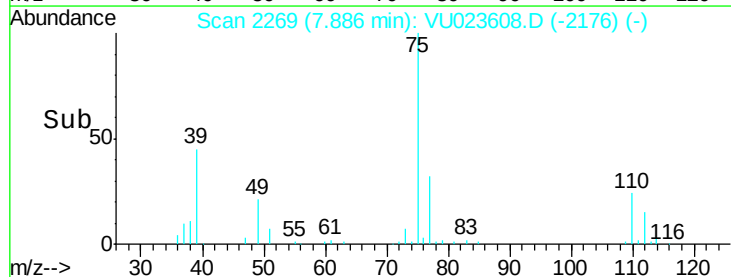
20000

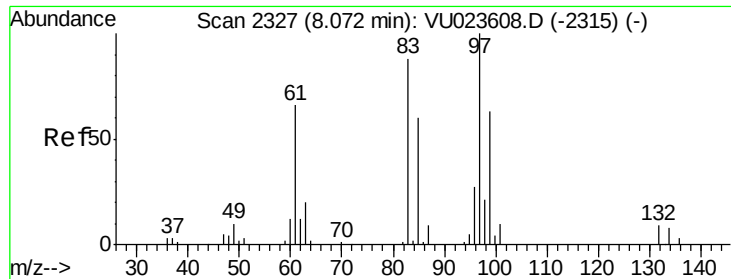
10000

0

Time-->

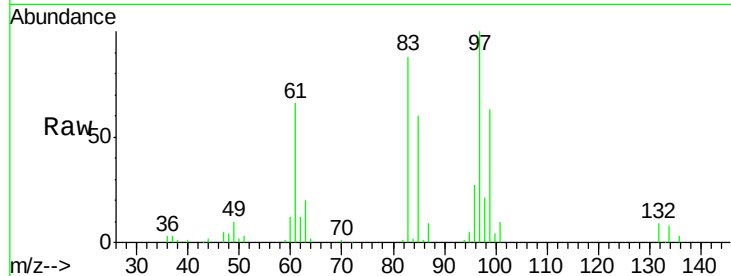
7.80 7.85 7.90 7.95



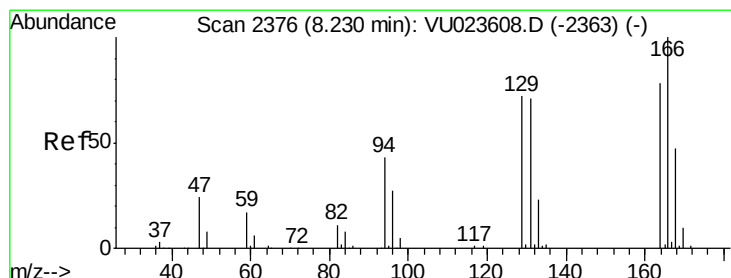
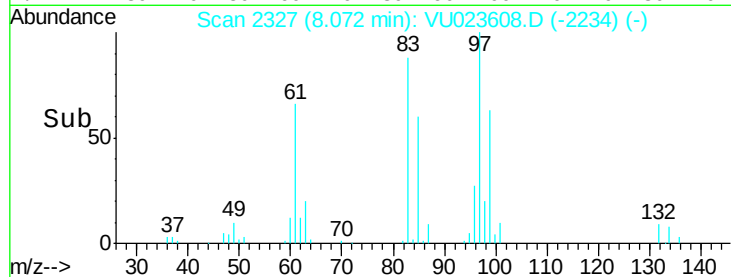
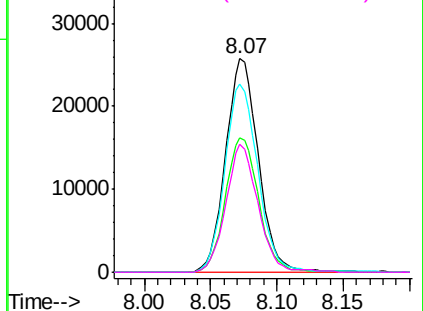


#45
 1,1,2-Trichloroethane
 Concen: 5.28 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion:	97	Resp:	44271
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.0	81.8
83	88.0	61.6	114.4
85	59.7	41.8	77.6

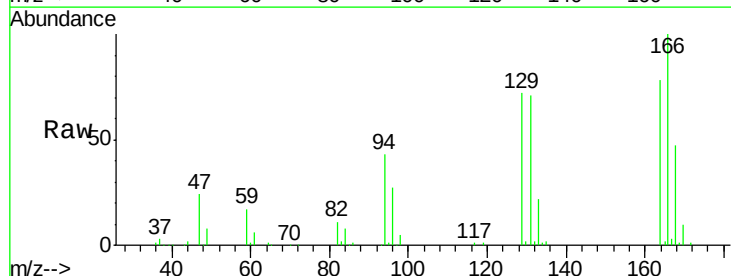


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

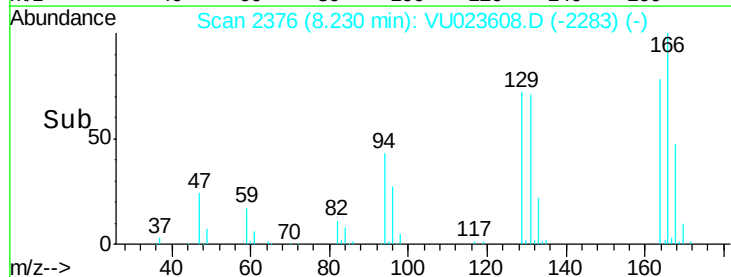
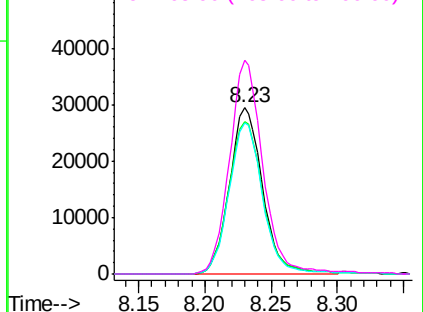


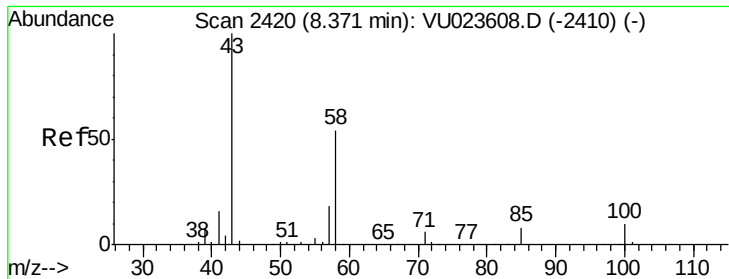
#47
 Tetrachloroethene
 Concen: 4.91 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion:	164	Resp:	51265
Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.4	119.6
131	91.3	63.9	118.7
166	128.6	90.0	167.2



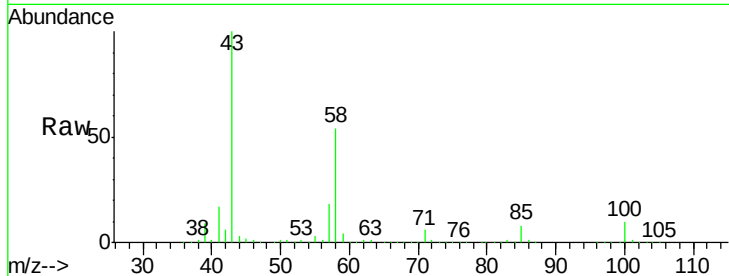
Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V



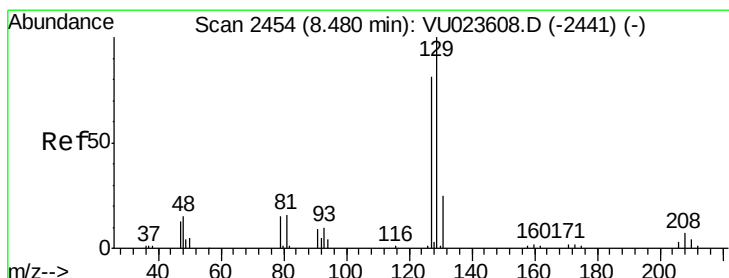
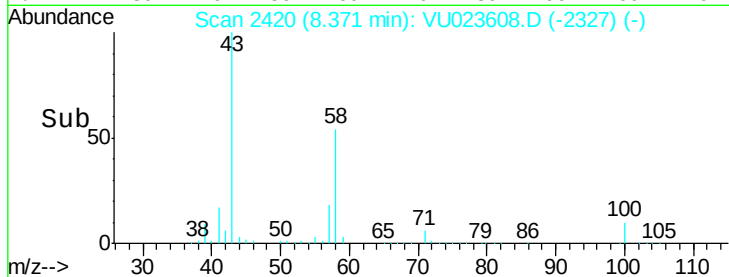
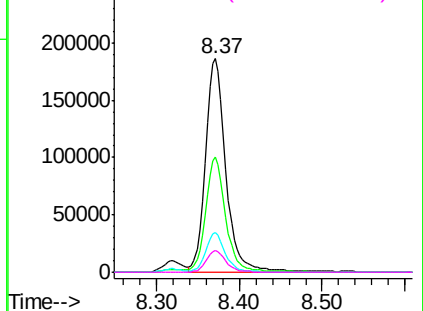


#48
2-Hexanone
Concen: 66.87 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:	43	Resp:	321484
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.1	63.1
57	17.9	14.3	21.5
100	9.8	7.8	11.8

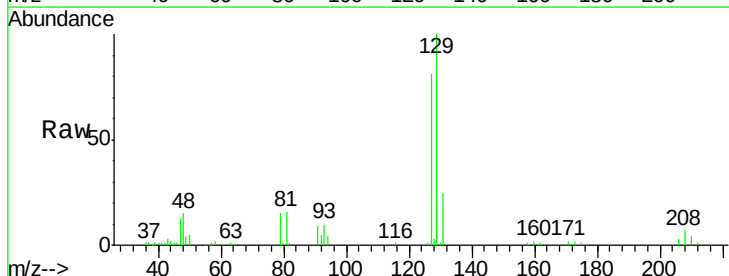


Abundance Ion 43.05 (42.75 to 43.75): VU023608.D (-2410) (-)
Ion 58.05 (57.75 to 58.75): VU023608.D (-2410) (-)
Ion 57.20 (56.90 to 57.90): VU023608.D (-2410) (-)
Ion 100.15 (99.85 to 100.85): VU023608.D (-2410) (-)

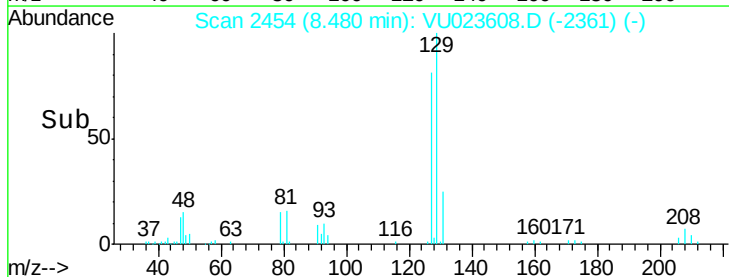
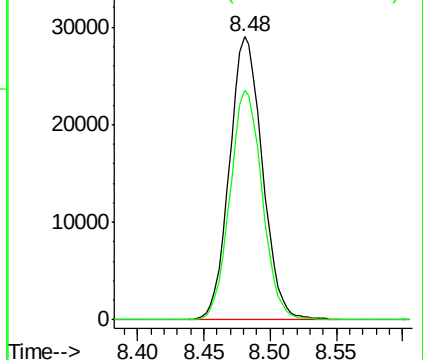


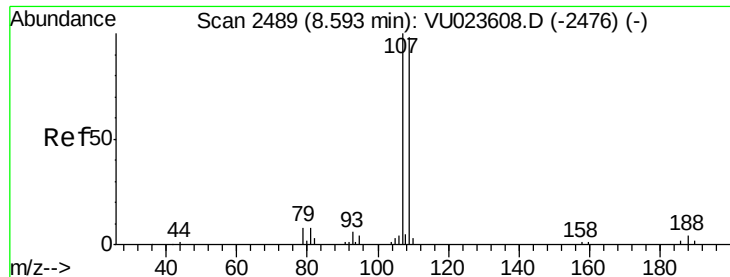
#49
Dibromochloromethane
Concen: 5.45 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:	129	Resp:	50093
Ion	Ratio	Lower	Upper
129	100		
127	81.3	56.9	105.7



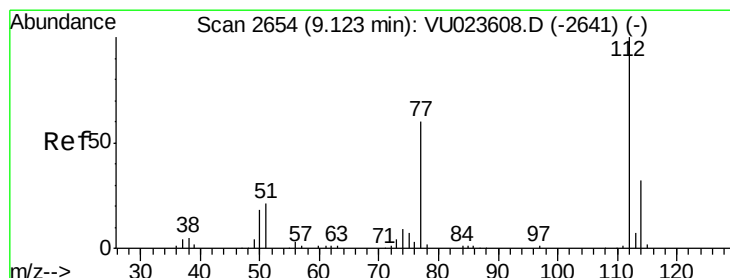
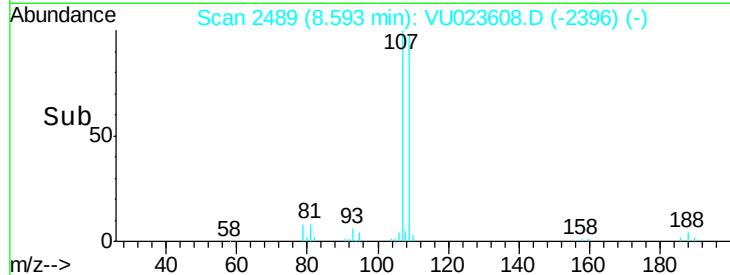
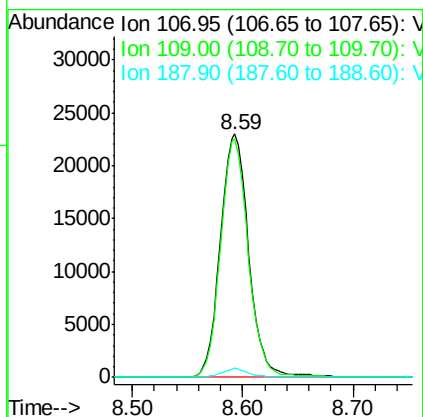
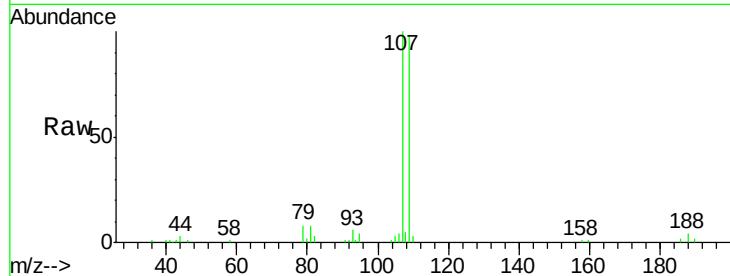
Abundance Ion 128.95 (128.65 to 129.65): VU023608.D (-2441) (-)
Ion 126.90 (126.60 to 127.60): VU023608.D (-2441) (-)





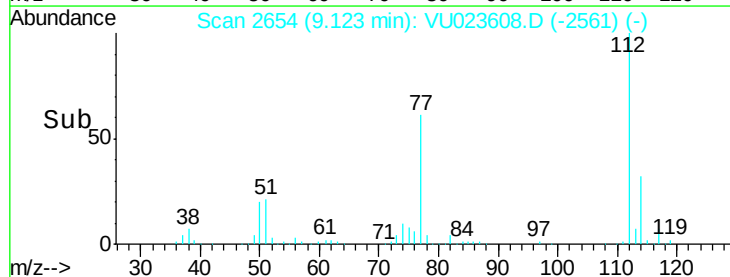
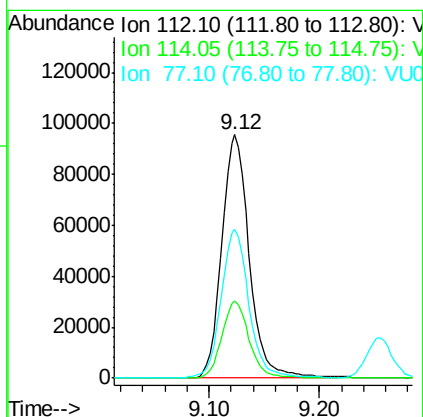
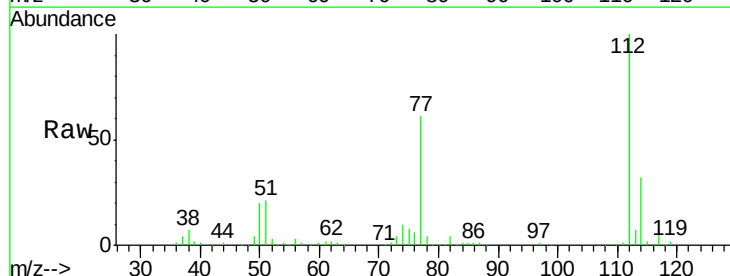
#50
1,2-Dibromoethane
Concen: 5.34 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

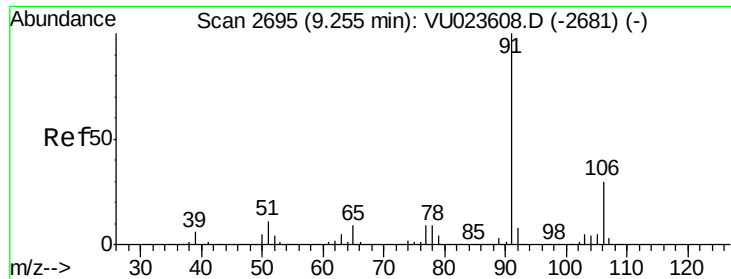
Tgt Ion:107 Resp: 41057
Ion Ratio Lower Upper
107 100
109 97.7 68.4 127.0
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 5.10 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:112 Resp: 165307
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 61.0 48.8 73.2





#52

Ethylbenzene

Concen: 5.14 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023608.D

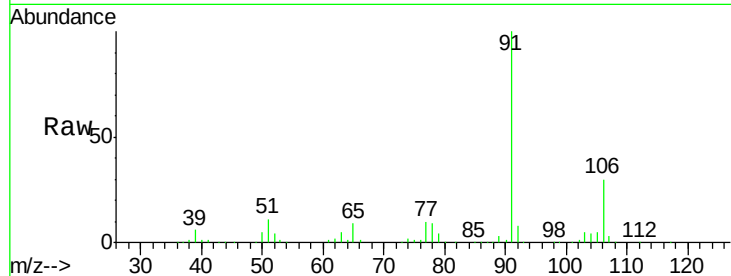
Acq: 03 May 2018 18:06

Tgt Ion: 91 Resp: 272469

Ion Ratio Lower Upper

91 100

106 30.1 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.26

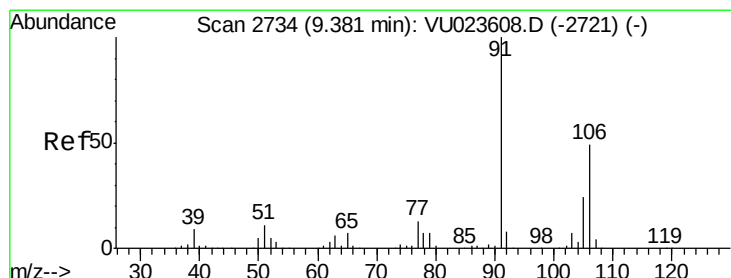
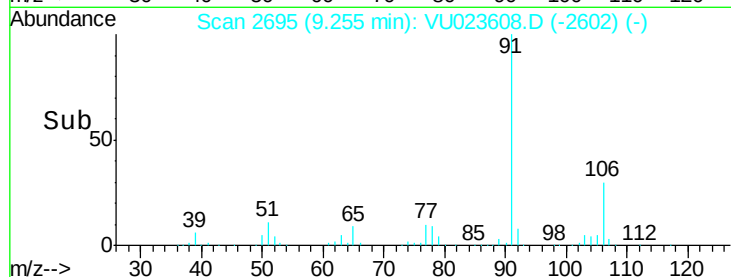
150000

100000

50000

0

Time--> 9.15 9.20 9.25 9.30 9.35



#53

m,p-xylene

Concen: 5.24 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023608.D

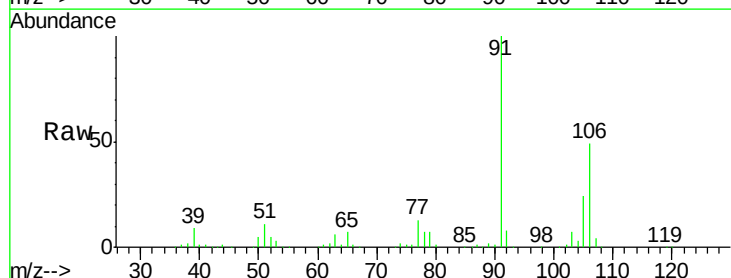
Acq: 03 May 2018 18:06

Tgt Ion: 106 Resp: 105103

Ion Ratio Lower Upper

106 100

91 203.4 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

9.38

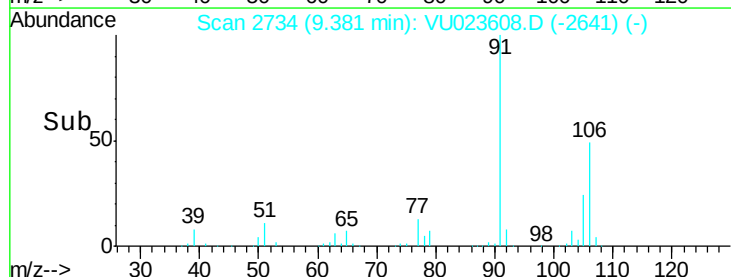
150000

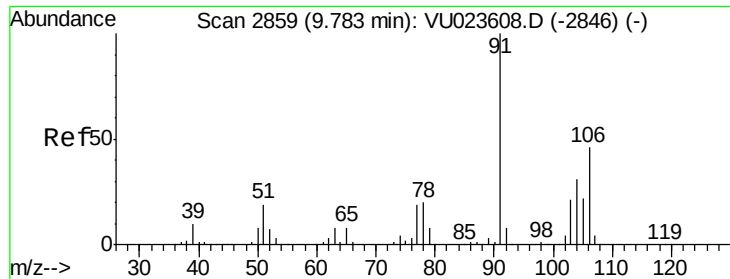
100000

50000

0

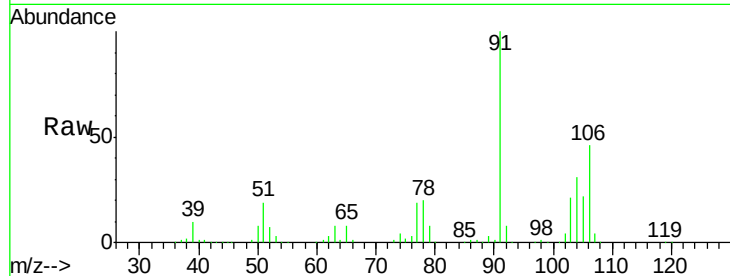
Time--> 9.30 9.40 9.50



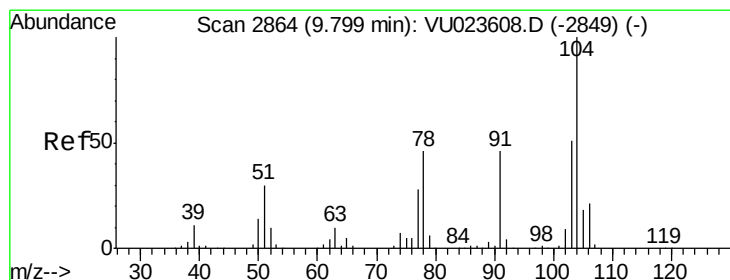
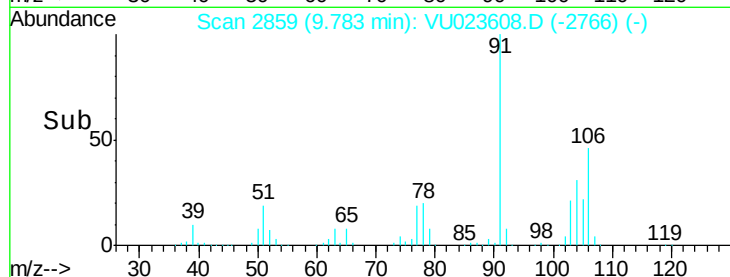
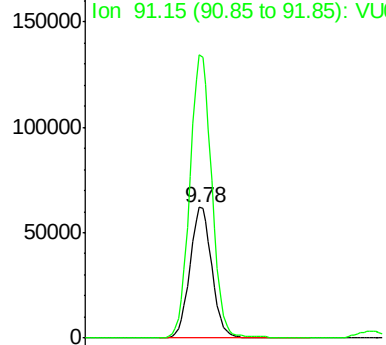


#54
o-xylene
Concen: 5.14 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:106 Resp: 99793
Ion Ratio Lower Upper
106 100
91 216.5 151.5 281.5

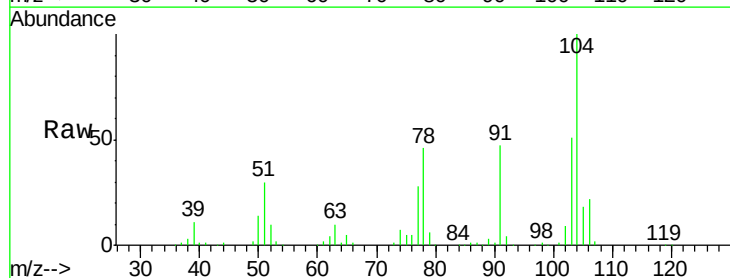


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

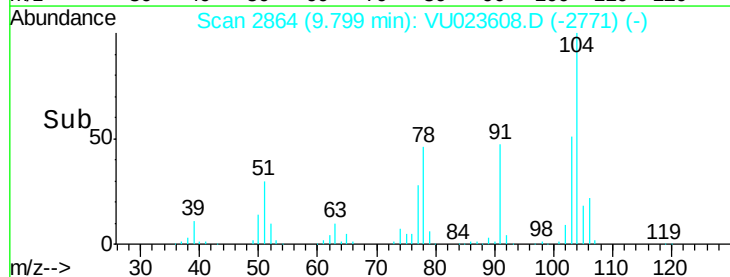
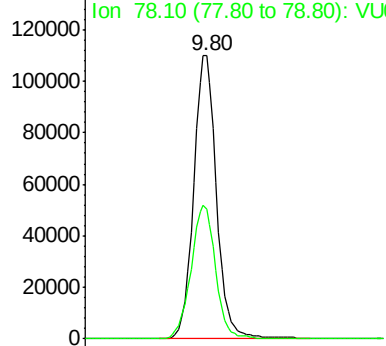


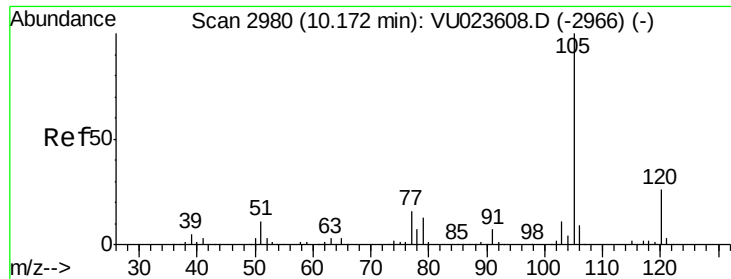
#55
Styrene
Concen: 5.49 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:104 Resp: 179670
Ion Ratio Lower Upper
104 100
78 45.7 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: 5.25 ug/L

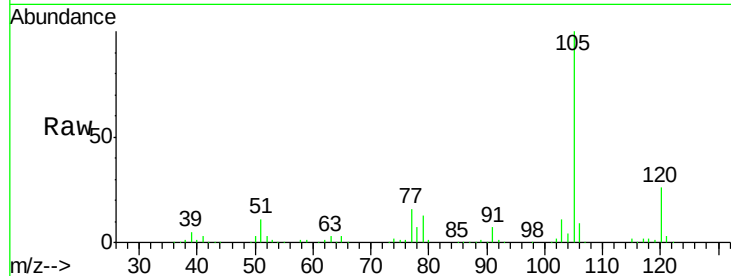
RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023608.D

Acq: 03 May 2018 18:06

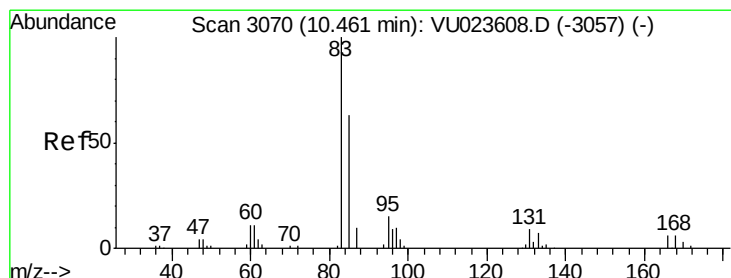
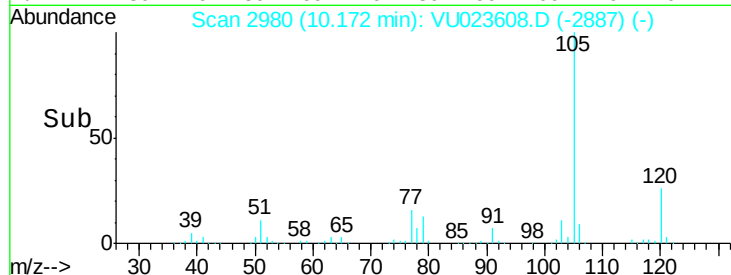
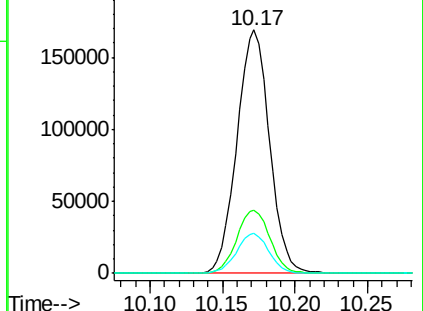
Tgt Ion:	105	Resp:	263886
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.1	31.7
77	16.4	13.1	19.7



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: 5.64 ug/L

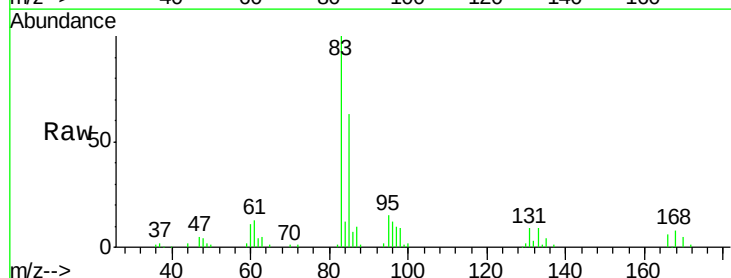
RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023608.D

Acq: 03 May 2018 18:06

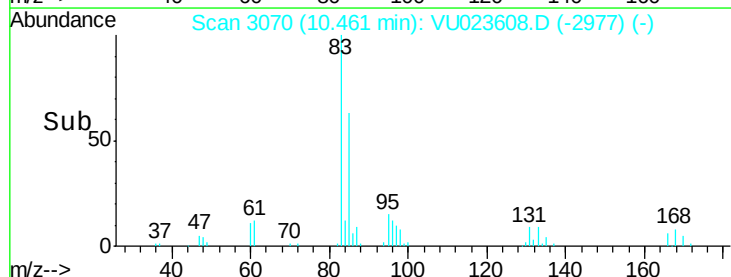
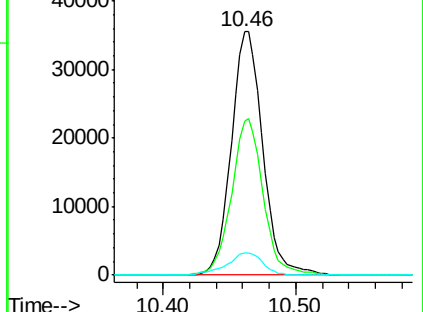
Tgt Ion:	83	Resp:	58379
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.2	82.2
131	9.1	7.3	10.9

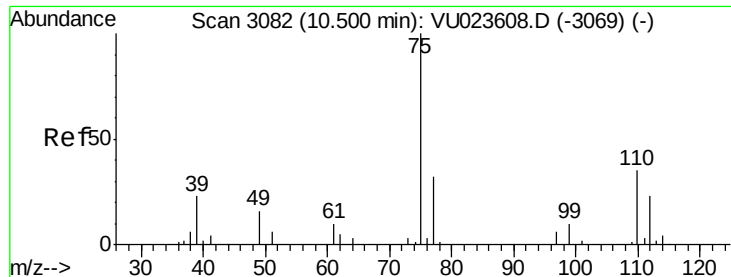


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

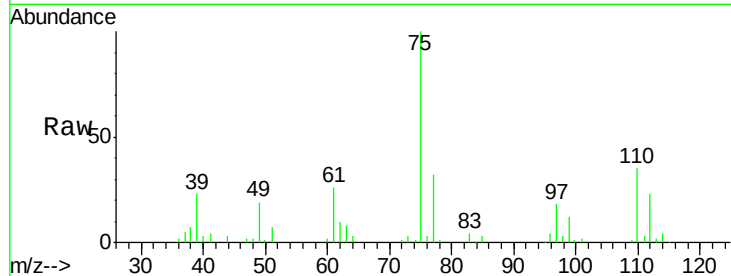
Ion 130.95 (130.65 to 131.65): V



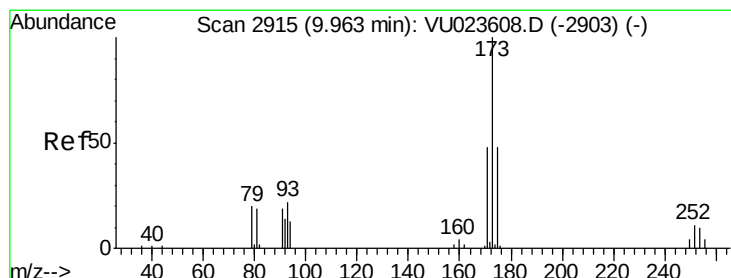
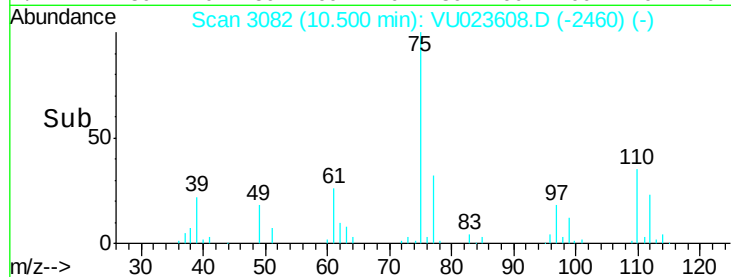
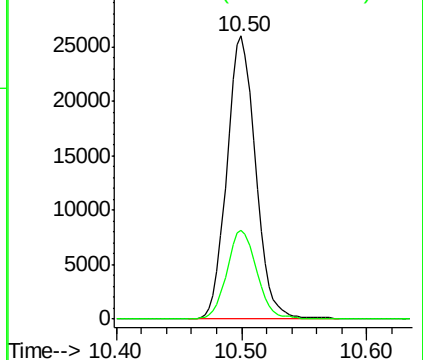


#59
 1,2,3-Trichloropropane
 Concen: 5.61 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 75 Resp: 41377
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0

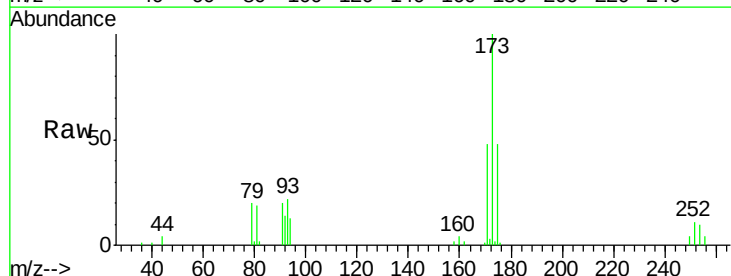


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

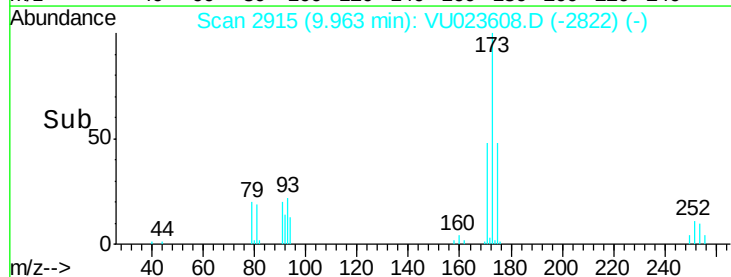
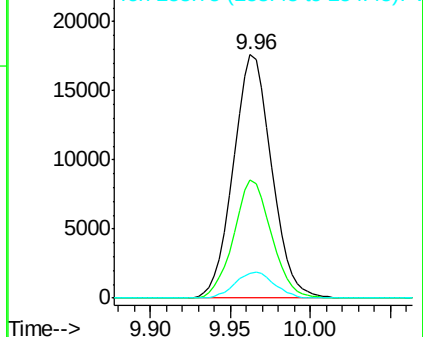


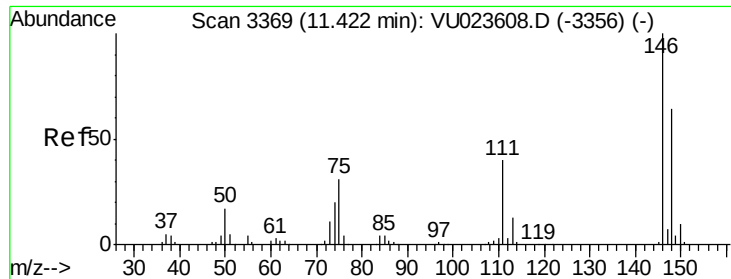
#61
 Bromoform
 Concen: 5.51 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion: 173 Resp: 28748
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.1 57.1
 254 10.8 8.6 13.0



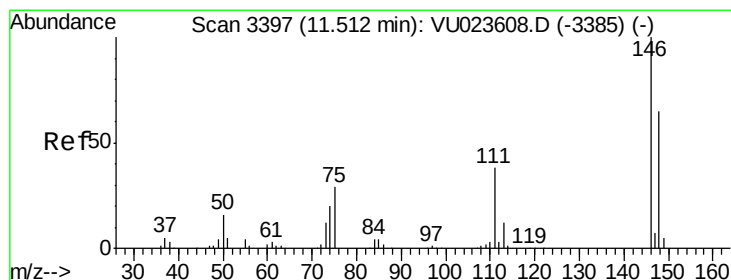
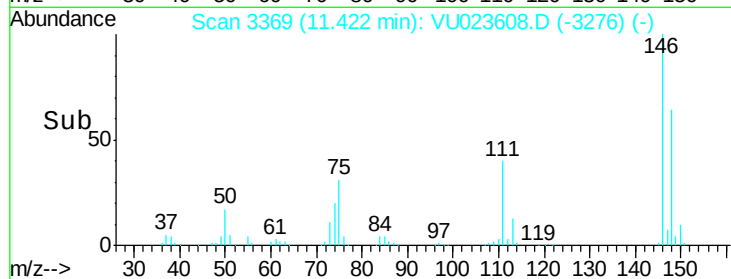
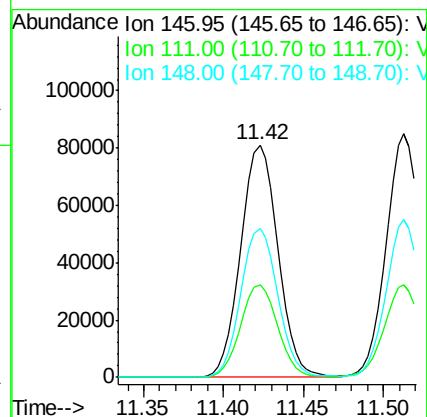
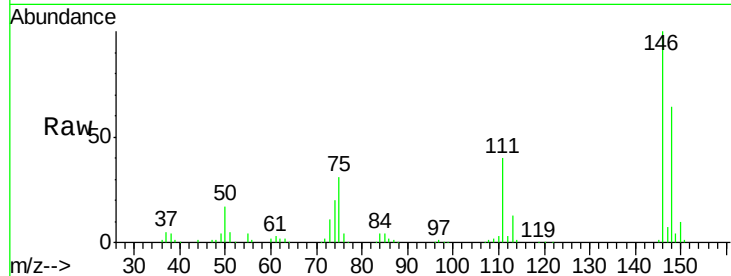
Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V





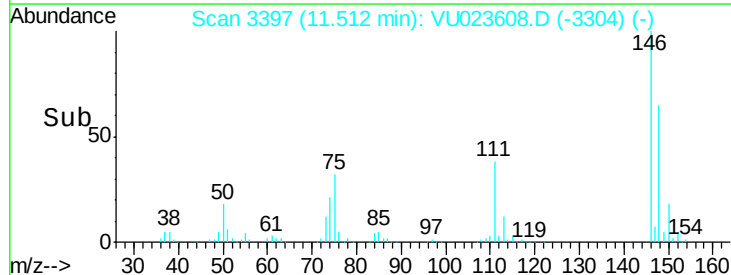
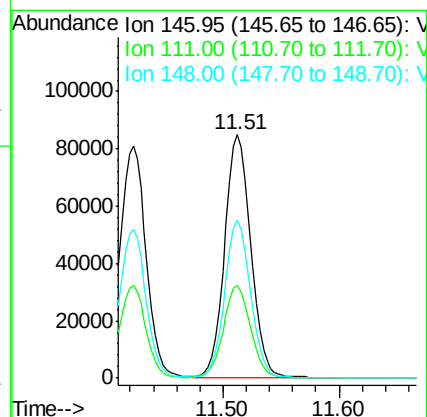
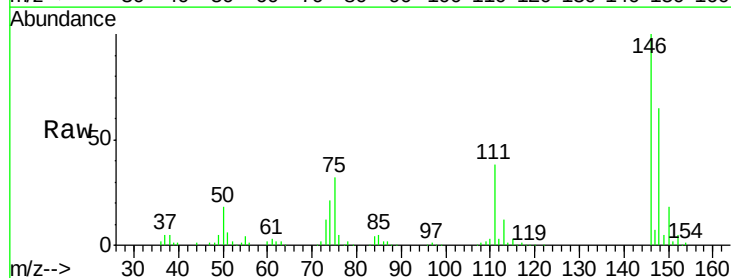
#62
 1,3-Dichlorobenzene
 Concen: 5.06 ug/L
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

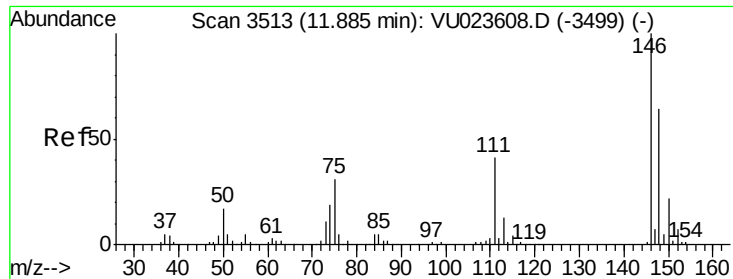
Tgt Ion:146 Resp: 129008
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.9 51.9
 148 63.9 44.7 83.1



#63
 1,4-Dichlorobenzene
 Concen: 5.10 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

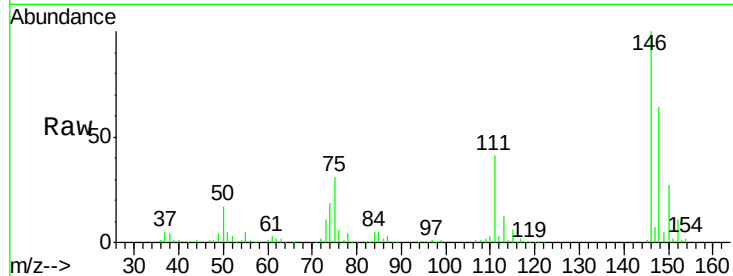
Tgt Ion:146 Resp: 133187
 Ion Ratio Lower Upper
 146 100
 111 38.1 26.7 49.5
 148 64.9 45.4 84.4



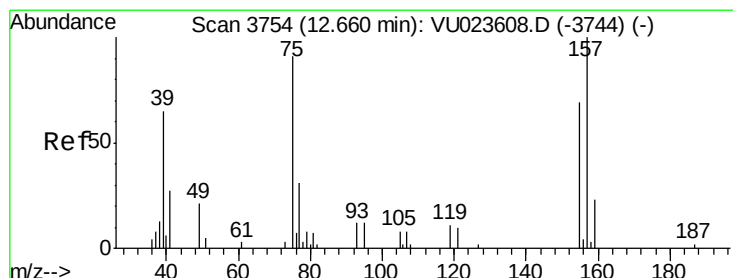
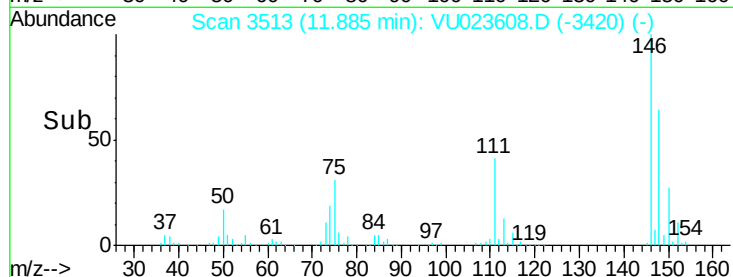
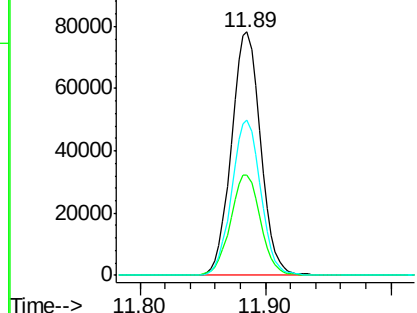


#65
 1,2-Dichlorobenzene
 Concen: 5.13 ug/L
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	33.0	49.6
148	63.5	50.8	76.2

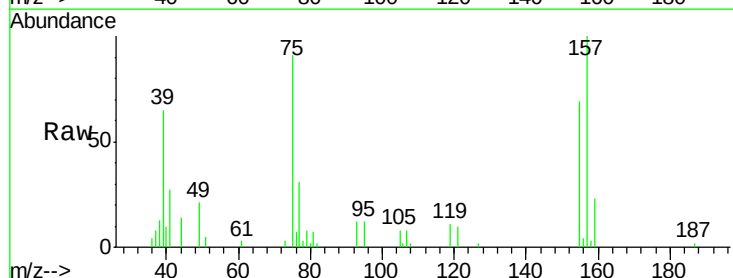


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

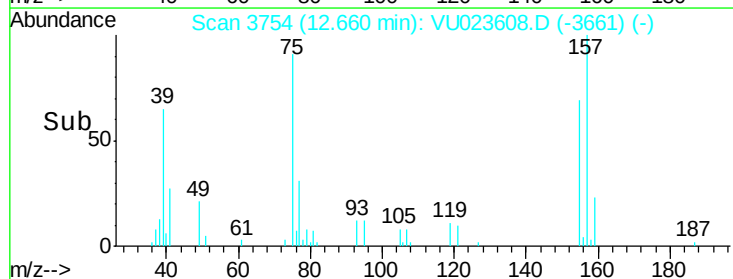
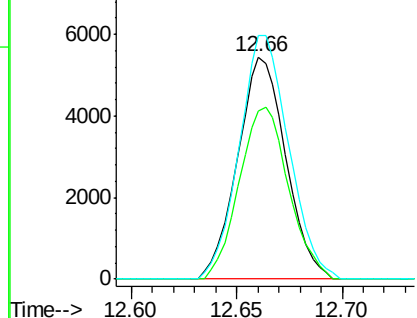


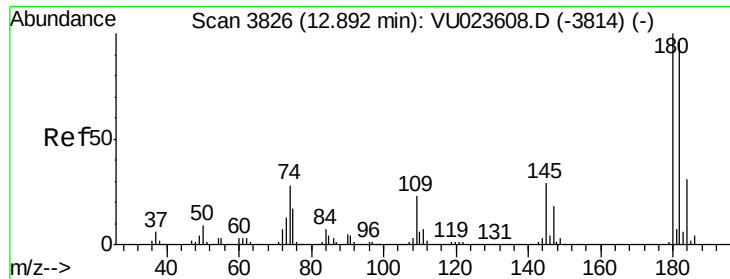
#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.16 ug/L
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	60.6	90.8
157	109.6	87.7	131.5



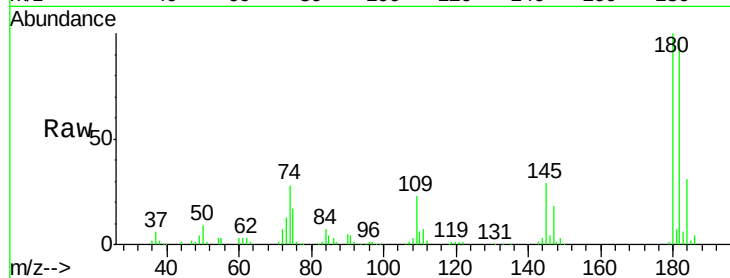
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 5.20 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
184	30.5	24.4	36.6
145	28.5	22.8	34.2

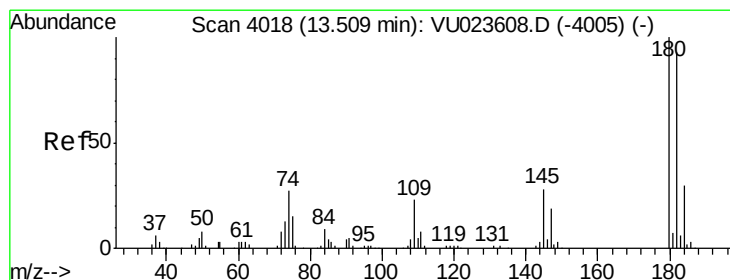
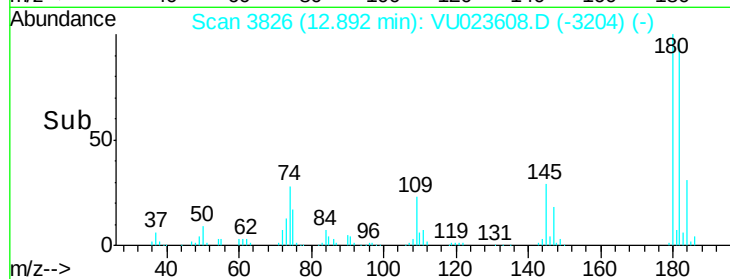
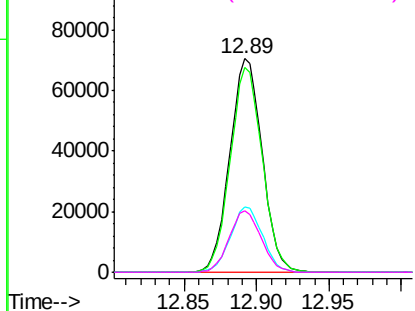


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

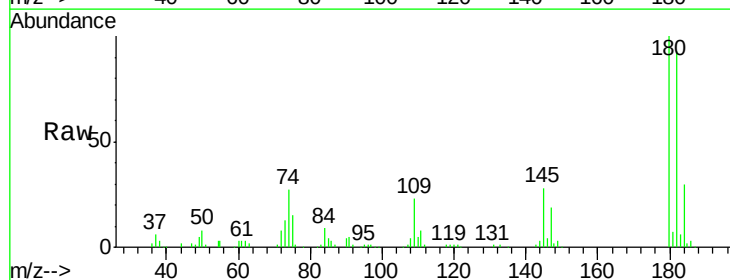
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.20 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023608.D
 Acq: 03 May 2018 18:06

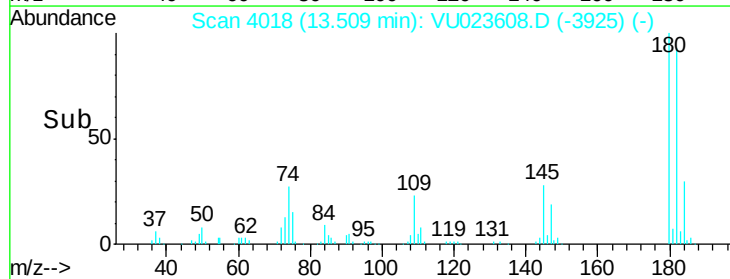
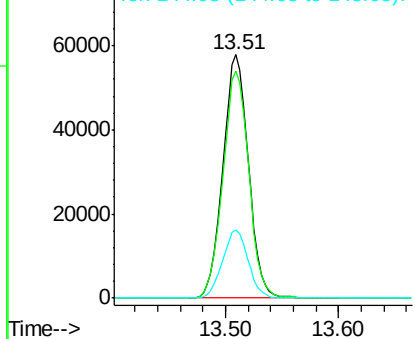
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	28.1	22.5	33.7

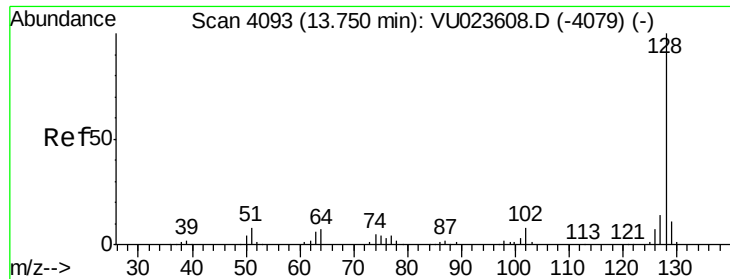


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

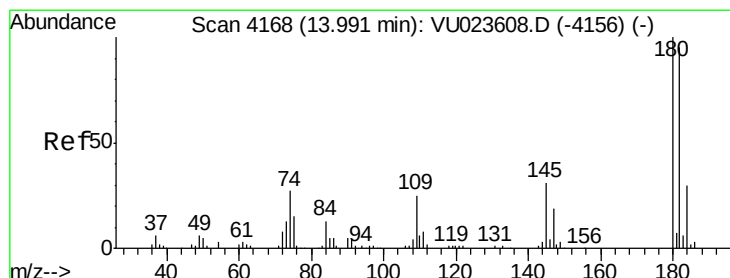
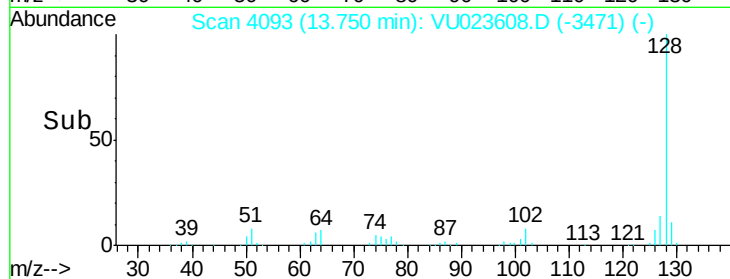
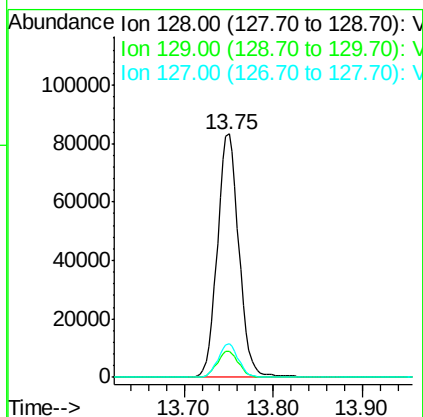
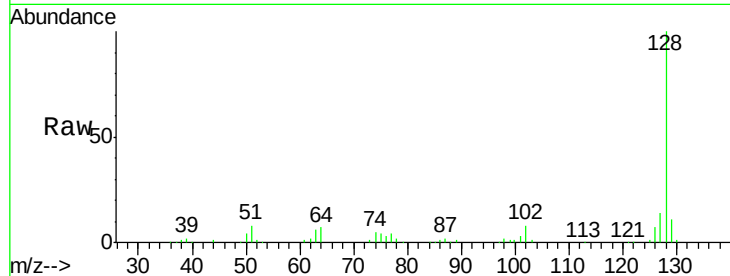
Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 5.05 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:128 Resp: 139203
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.1 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 5.32 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023608.D
Acq: 03 May 2018 18:06

Tgt Ion:180 Resp: 87165
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 30.4 24.3 36.5

