

Data File : VU023606.D
Acq On : 03 May 2018 17:12
Operator : MD/SY
Sample : VSTD0.540
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 01:31:21 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	164212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	78679	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5492	0.45	ug/L	0.00
7) Chloroethane-d5	1.68	69	4024	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	10038	0.48	ug/L	0.00
20) 2-Butanone-d5	4.21	46	15575	6.40	ug/L	0.00
24) Chloroform-d	4.65	84	9480	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	5542	0.55	ug/L	0.00
32) Benzene-d6	5.34	84	19040	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	6132	0.44	ug/L	0.00
41) Toluene-d8	7.57	98	16357	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2376	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	9758	4.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	5092	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	7086	0.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	7181	0.50	ug/L	99
3) Chloromethane	1.33	50	8113	0.56	ug/L	97
5) Vinyl chloride	1.40	62	7398	0.50	ug/L	86
6) Bromomethane	1.63	94	3991	0.49	ug/L	97
8) Chloroethane	1.70	64	5333	0.63	ug/L #	75
9) Trichlorofluoromethane	1.89	101	8139	0.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4943	0.49	ug/L	97
12) 1,1-Dichloroethene	2.28	96	4650	0.47	ug/L	94
13) Acetone	2.35	43	10156	6.42	ug/L	96
14) Carbon disulfide	2.48	76	17884	0.56	ug/L	98
15) Methyl Acetate	2.63	43	2922	0.64	ug/L	95
16) Methylene chloride	2.70	84	5612	0.50	ug/L	95
17) Methyl tert-butyl Ether	3.01	73	11593	0.49	ug/L #	94
18) trans-1,2-Dichloroethene	2.98	96	5291	0.49	ug/L	92
19) 1,1-Dichloroethane	3.45	63	9578	0.48	ug/L	95
21) 2-Butanone	4.30	43	17444	6.33	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	5931	0.49	ug/L	92
23) Bromochloromethane	4.55	128	2644	0.50	ug/L	86
25) Chloroform	4.68	83	10785	0.53	ug/L	93
27) 1,2-Dichloroethane	5.41	62	6525	0.54	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	8027	0.48	ug/L	97
30) Cyclohexane	4.99	56	8490	0.47	ug/L	94
31) Carbon tetrachloride	5.13	117	6340	0.43	ug/L	92
33) Benzene	5.39	78	21968	0.47	ug/L	100
34) Trichloroethene	6.19	95	6047	0.49	ug/L	91
35) Methylcyclohexane	6.42	83	8139	0.42	ug/L	94
37) 1,2-Dichloropropane	6.44	63	6117	0.50	ug/L #	93
38) Bromodichloromethane	6.76	83	6738	0.50	ug/L	99
39) cis-1,3-Dichloropropene	7.28	75	7163	0.45	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	33859	5.05	ug/L	99

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Quant Time: May 04 01:31:21 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

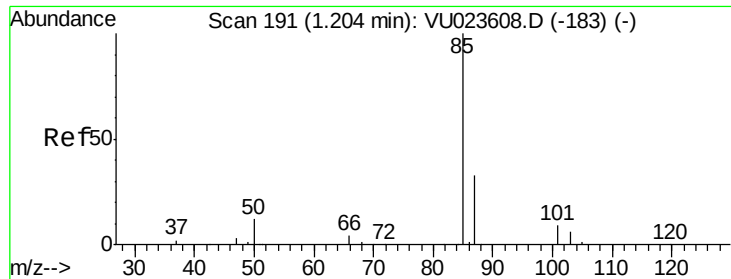
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	20778	0.42	ug/L	95
44) trans-1,3-Dichloropropene	7.89	75	5743	0.47	ug/L	97
45) 1,1,2-Trichloroethane	8.08	97	3790	0.46	ug/L	95
47) Tetrachloroethene	8.23	164	4622	0.45	ug/L	95
48) 2-Hexanone	8.37	43	23695	4.96	ug/L	93
49) Dibromochloromethane	8.48	129	4289	0.47	ug/L	92
50) 1,2-Dibromoethane	8.59	107	3539	0.46	ug/L #	95
51) Chlorobenzene	9.12	112	14892	0.46	ug/L	98
52) Ethylbenzene	9.26	91	21659	0.41	ug/L	99
53) m,p-xylene	9.38	106	8001	0.40	ug/L	99
54) o-xylene	9.79	106	7233	0.38	ug/L	98
55) Styrene	9.80	104	12469	0.38	ug/L	97
56) Isopropylbenzene	10.17	105	19489	0.39	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	5027	0.49	ug/L	92
59) 1,2,3-Trichloropropane	10.50	75	3633	0.50	ug/L	99
61) Bromoform	9.97	173	2470	0.50	ug/L #	96
62) 1,3-Dichlorobenzene	11.43	146	11290	0.47	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	12857	0.52	ug/L	97
65) 1,2-Dichlorobenzene	11.89	146	10702	0.46	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	649	0.49	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.90	180	9845	0.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	7538	0.46	ug/L	99
69) Naphthalene	13.75	128	9793	0.38	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	6882	0.44	ug/L	98

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

ALS Vial : 2 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 0.50 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023606.D

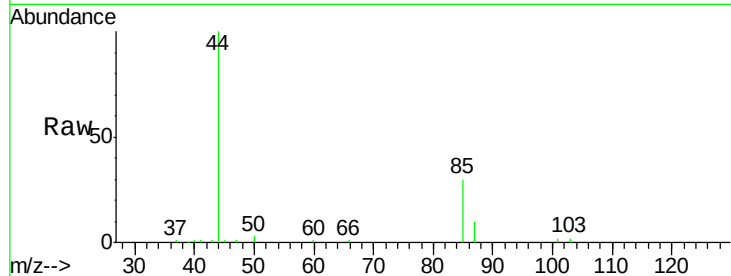
Acq: 03 May 2018 17:12

Tgt Ion: 85 Resp: 7181

Ion Ratio Lower Upper

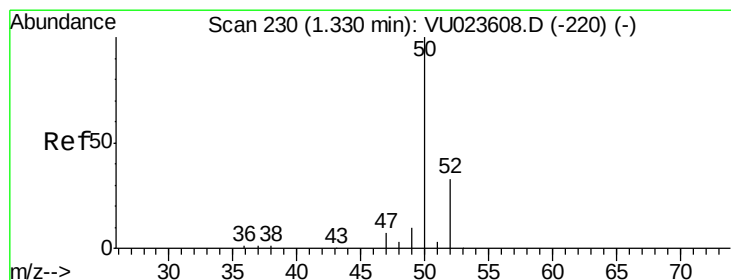
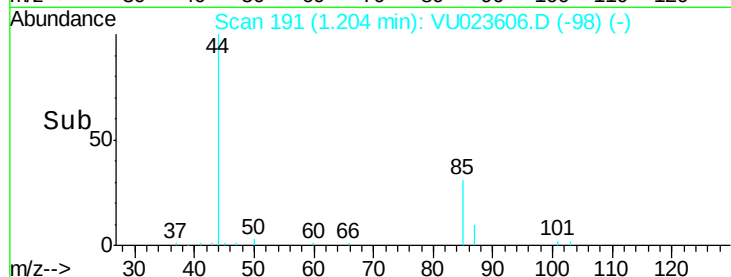
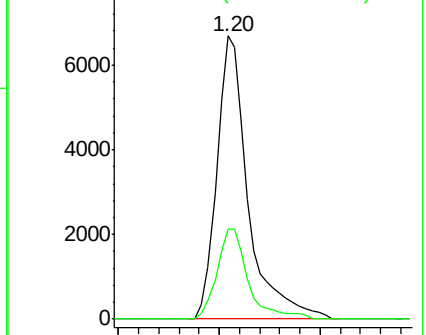
85 100

87 31.9 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.56 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023606.D

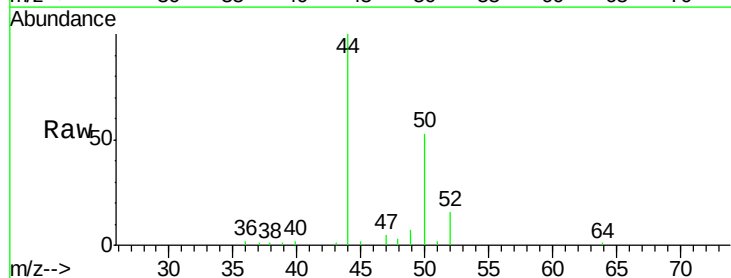
Acq: 03 May 2018 17:12

Tgt Ion: 50 Resp: 8113

Ion Ratio Lower Upper

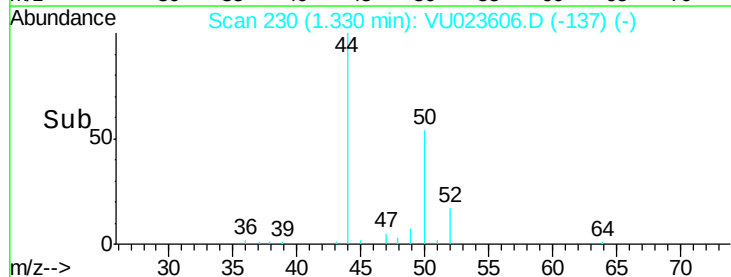
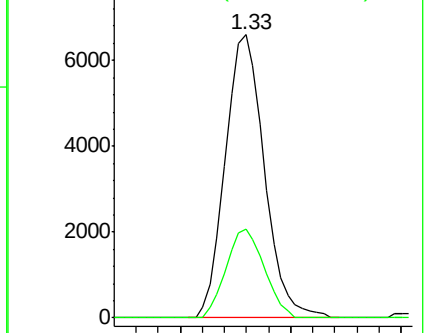
50 100

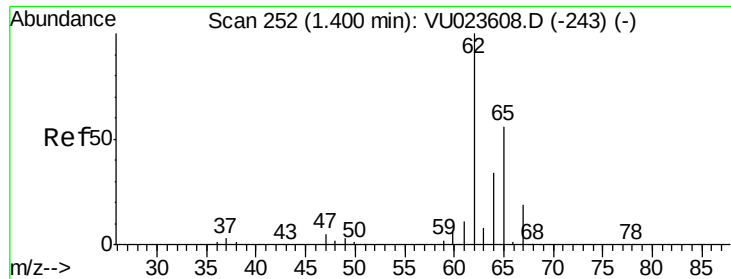
52 31.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 0.50 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU023606.D

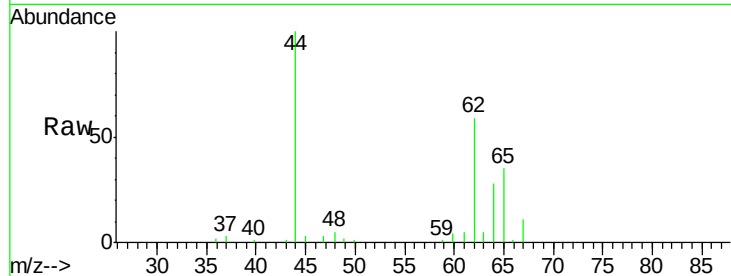
Acq: 03 May 2018 17:12

Tgt Ion: 62 Resp: 7398

Ion Ratio Lower Upper

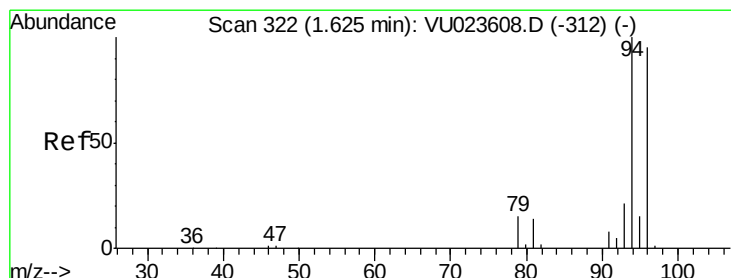
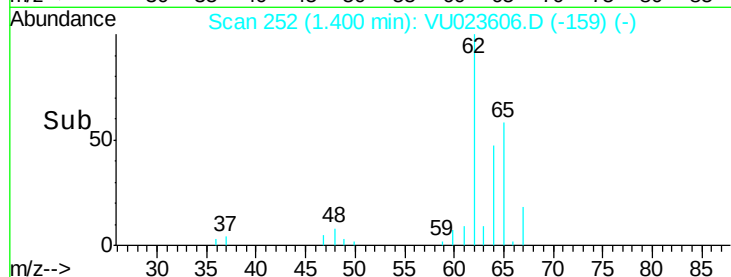
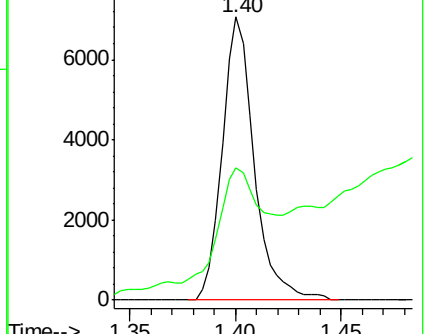
62 100

64 46.9 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: 0.49 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU023606.D

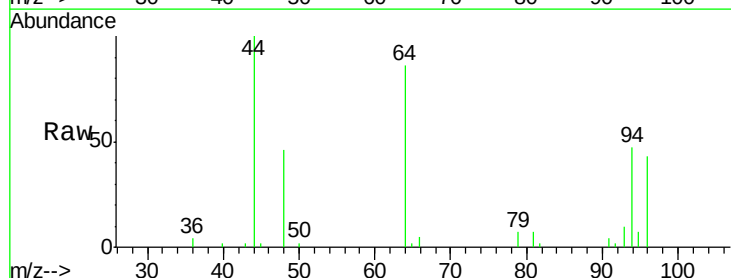
Acq: 03 May 2018 17:12

Tgt Ion: 94 Resp: 3991

Ion Ratio Lower Upper

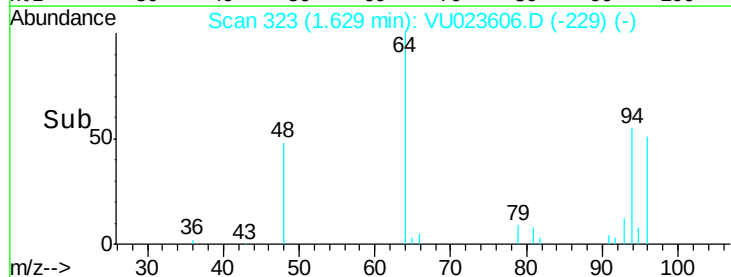
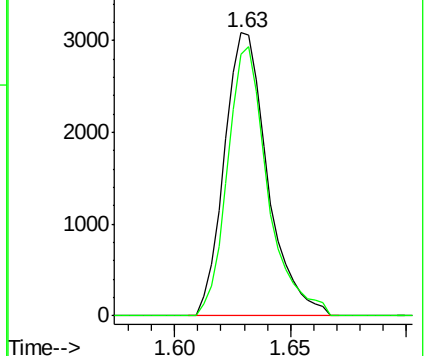
94 100

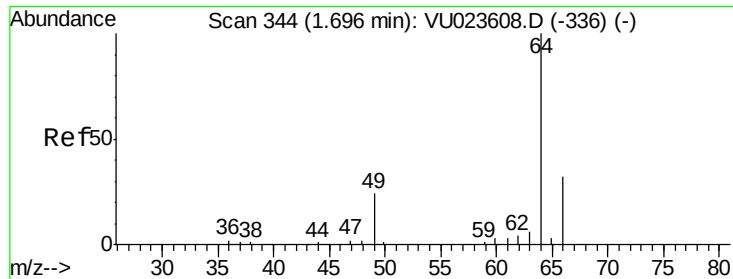
96 92.3 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 0.63 ug/L

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU023606.D

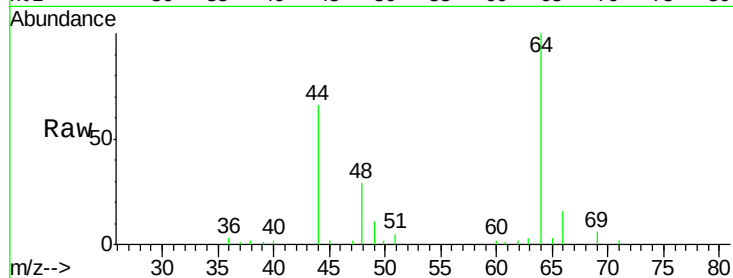
Acq: 03 May 2018 17:12

Tgt Ion: 64 Resp: 5333

Ion Ratio Lower Upper

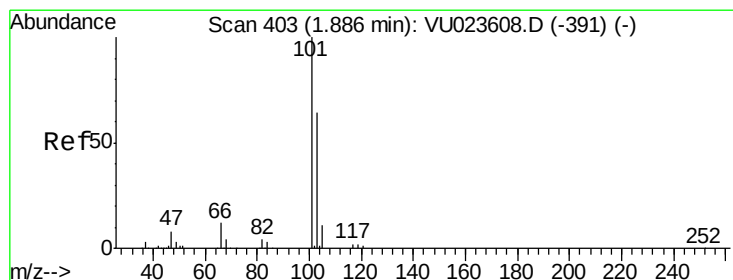
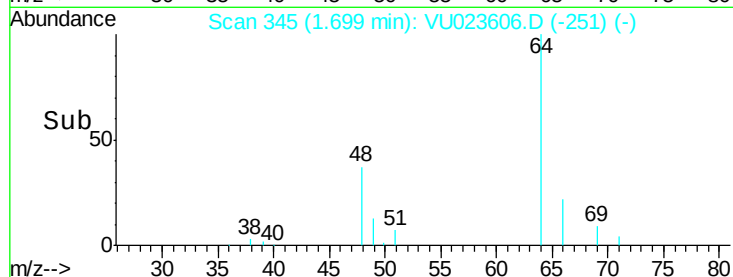
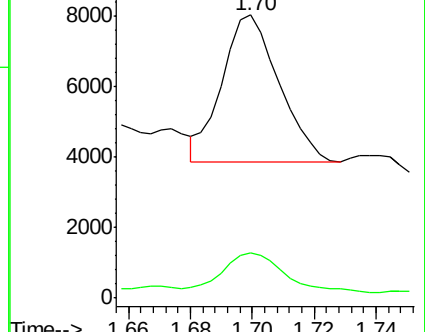
64 100

66 15.9 20.6 38.2#



Abundance Ion 64.10 (63.80 to 64.80): VU023606.D (-336) (-)

Ion 66.05 (65.75 to 66.75): VU023606.D (-336) (-)



#9

Trichlorofluoromethane

Concen: 0.47 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU023606.D

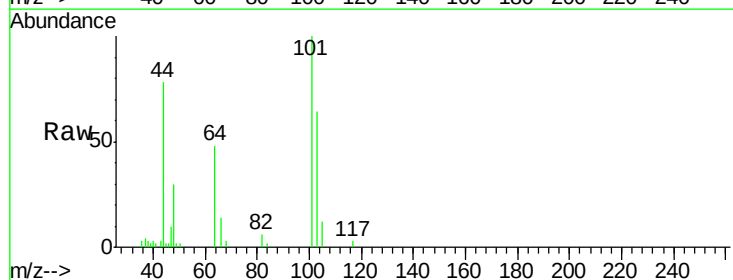
Acq: 03 May 2018 17:12

Tgt Ion: 101 Resp: 8139

Ion Ratio Lower Upper

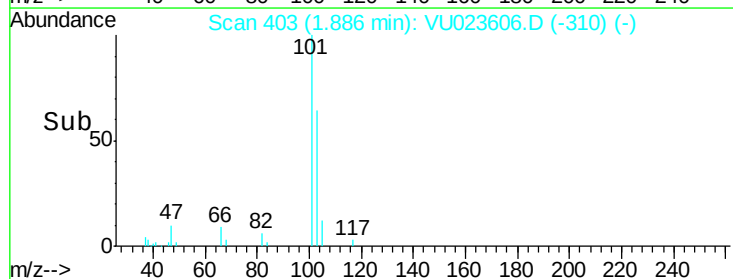
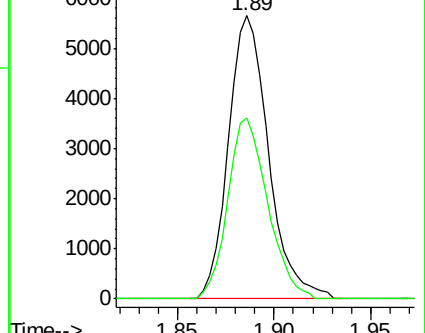
101 100

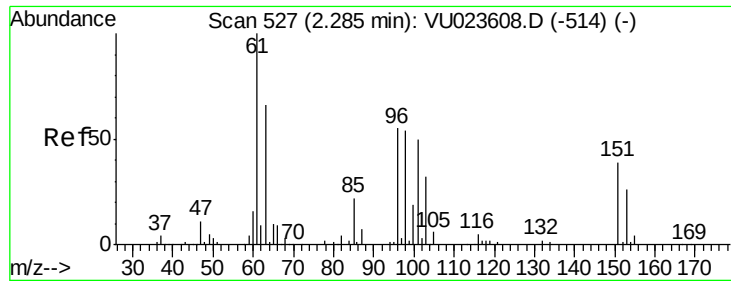
103 63.4 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023606.D (-391) (-)

Ion 103.00 (102.70 to 103.70): VU023606.D (-391) (-)





#10

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

Concen: 0.49 ug/L

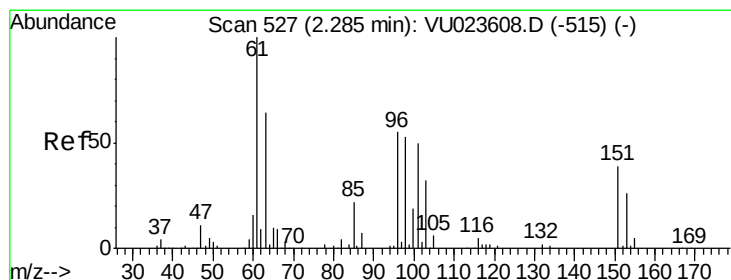
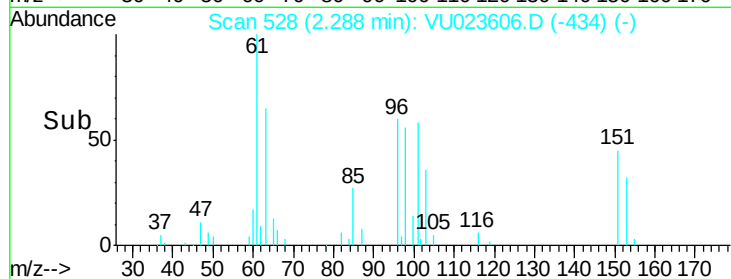
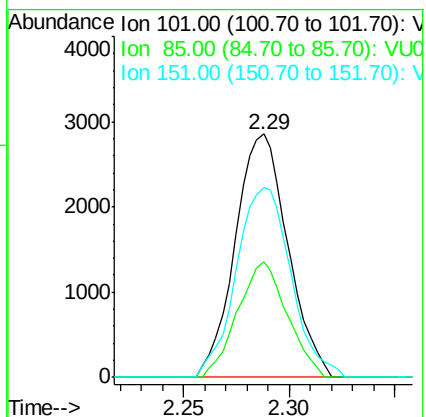
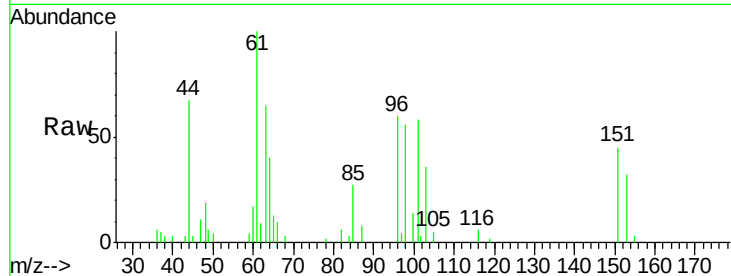
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

Tgt Ion:	101	Resp:	4943
Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.5	51.7
151	81.6	62.9	94.3



#12

1,1-Dichloroethene

Concen: 0.47 ug/L

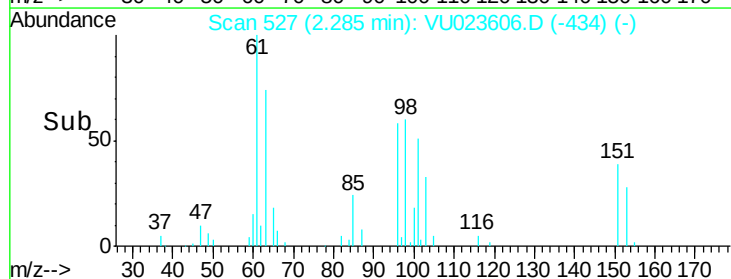
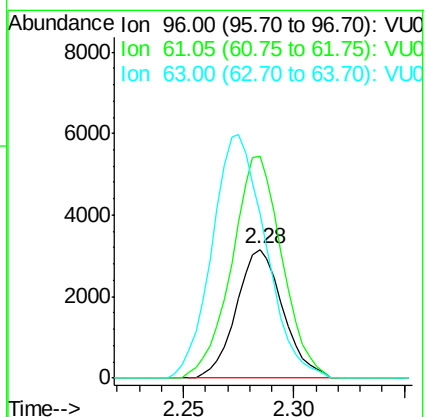
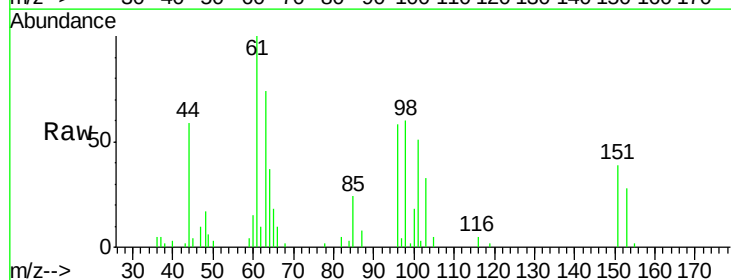
RT: 2.28 min Scan# 527

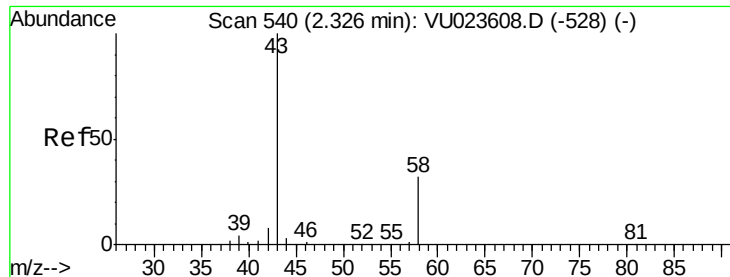
Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

Tgt Ion:	96	Resp:	4650
Ion	Ratio	Lower	Upper
96	100		
61	172.6	127.4	236.6
63	127.6	84.8	157.4





#13

Acetone

Concen: 6.42 ug/L

RT: 2.35 min Scan# 546

Delta R.T. 0.02 min

Lab File: VU023606.D

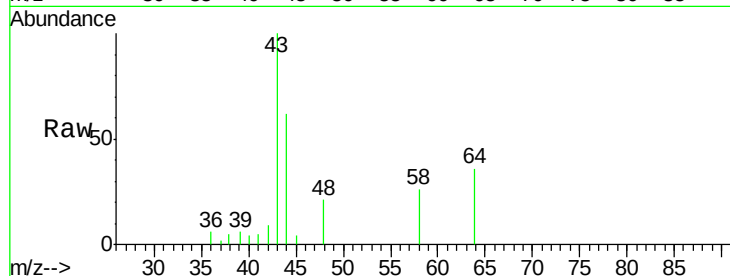
Acq: 03 May 2018 17:12

Tgt Ion: 43 Resp: 10156

Ion Ratio Lower Upper

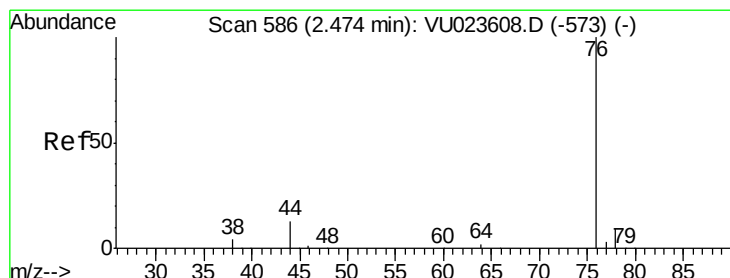
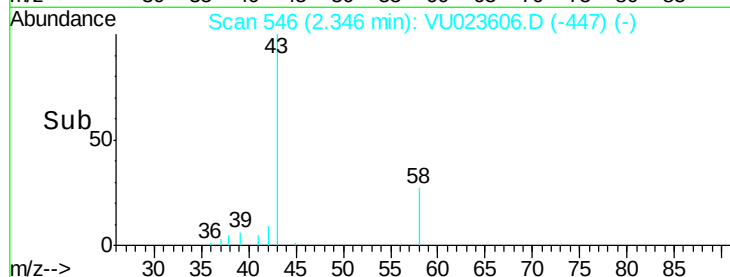
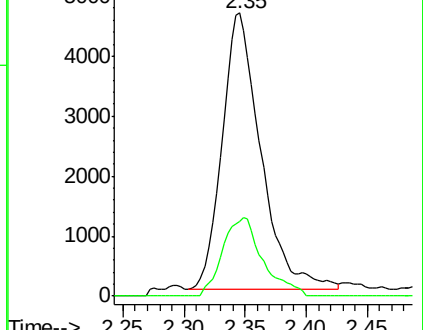
43 100

58 29.6 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU023606.D (-447) (-)

Ion 58.05 (57.75 to 58.75): VU023606.D (-447) (-)



#14

Carbon disulfide

Concen: 0.56 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU023606.D

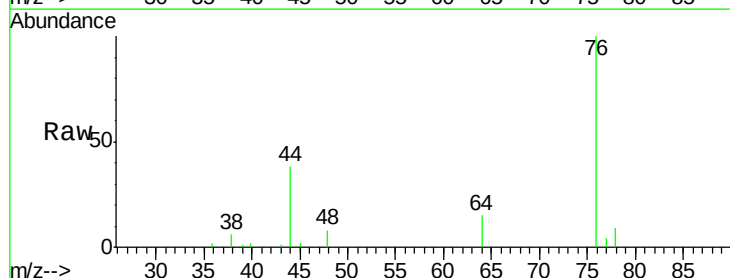
Acq: 03 May 2018 17:12

Tgt Ion: 76 Resp: 17884

Ion Ratio Lower Upper

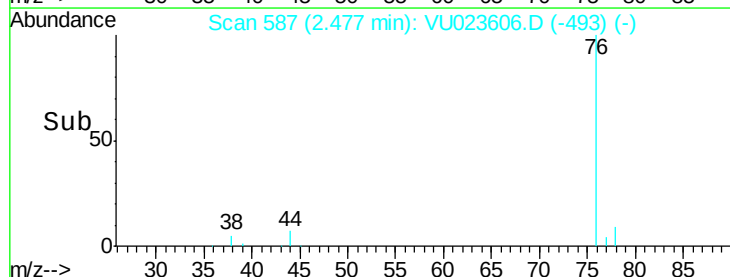
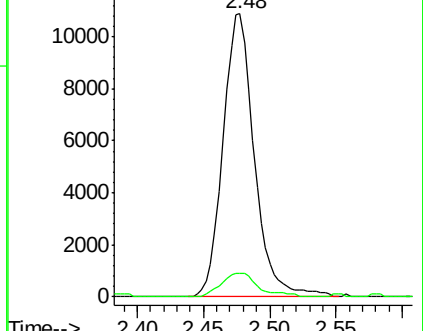
76 100

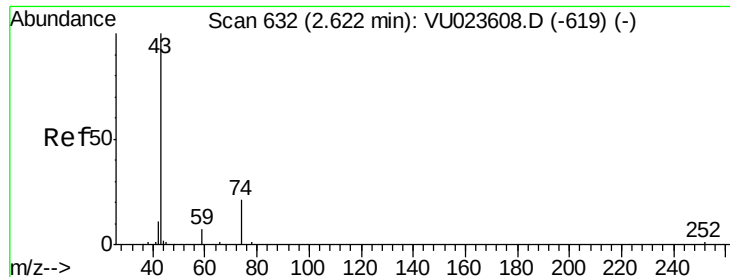
78 8.5 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU023606.D (-493) (-)

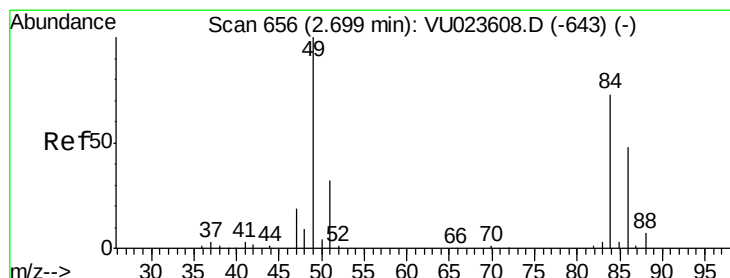
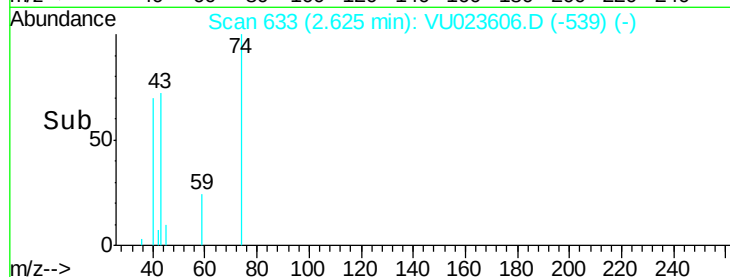
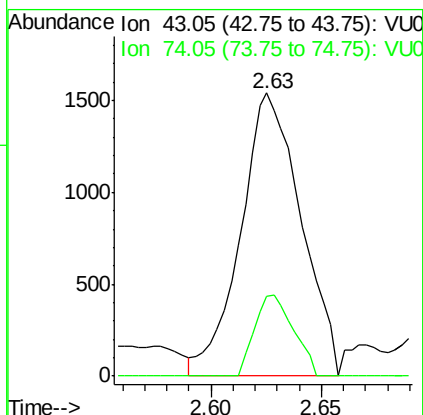
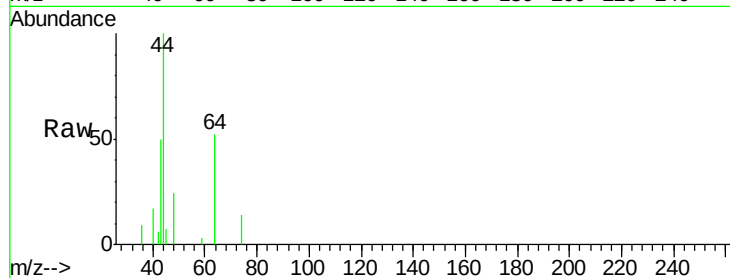
Ion 78.00 (77.70 to 78.70): VU023606.D (-493) (-)





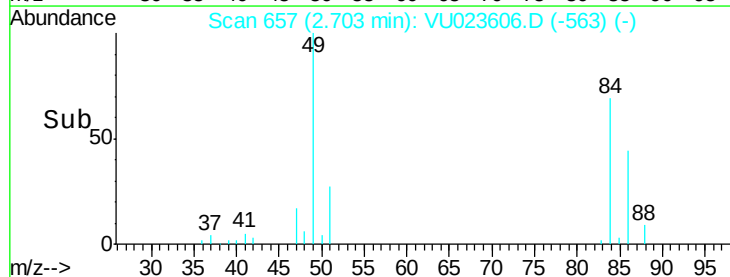
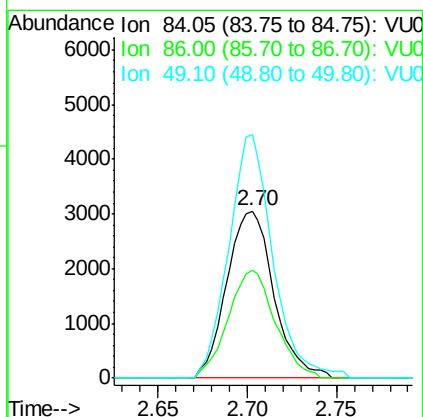
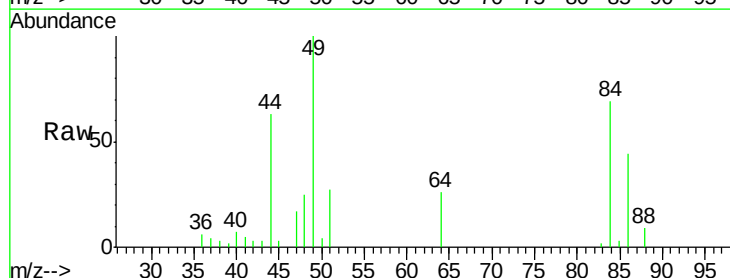
#15
Methyl Acetate
Concen: 0.64 ug/L
RT: 2.63 min Scan# 633
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

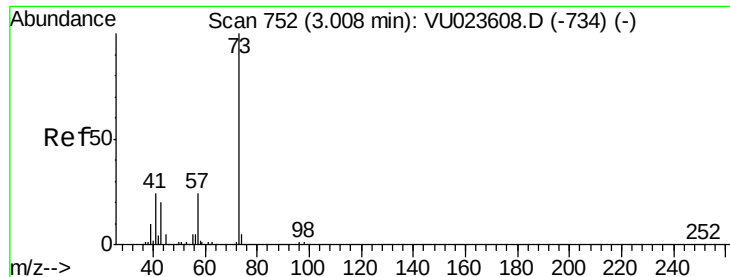
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
74 18.5 16.6 24.8



#16
Methylene chloride
Concen: 0.50 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

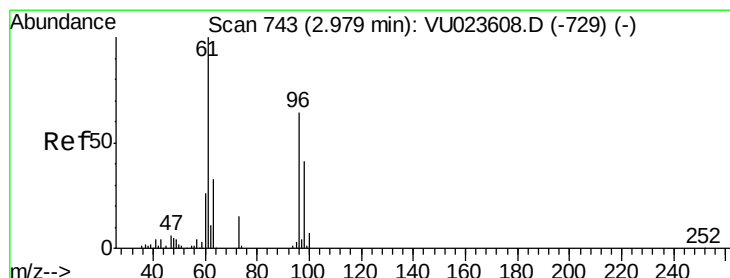
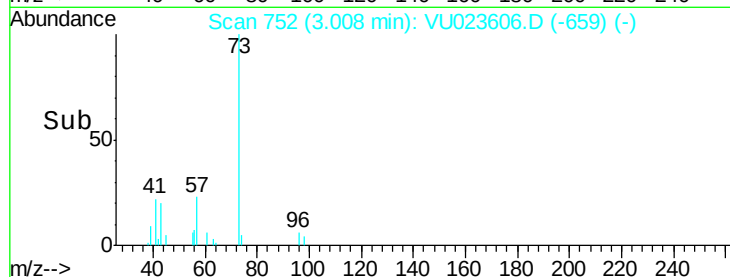
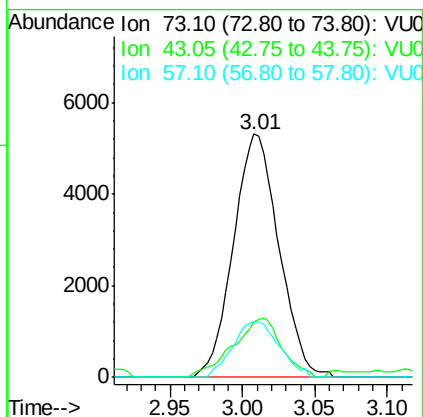
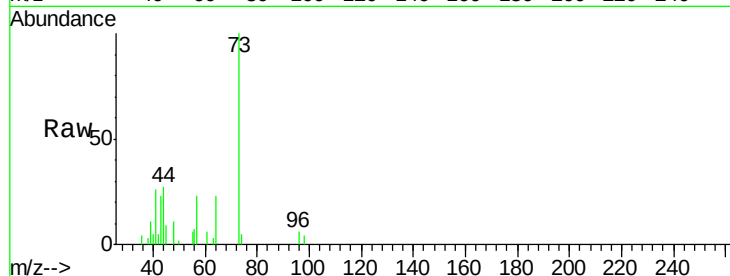
Tgt Ion: 84 Resp: 5612
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 145.7 96.0 178.4





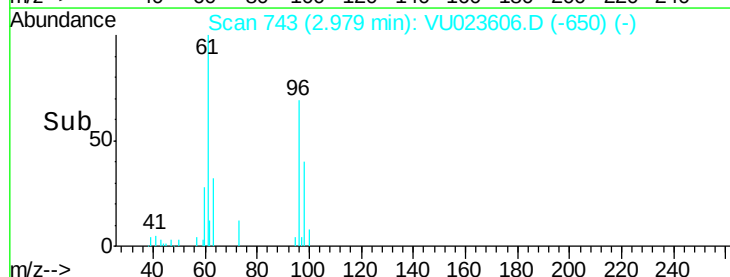
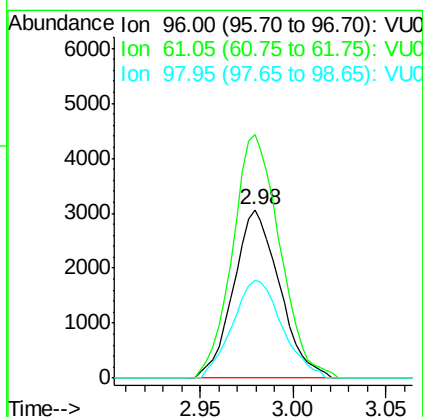
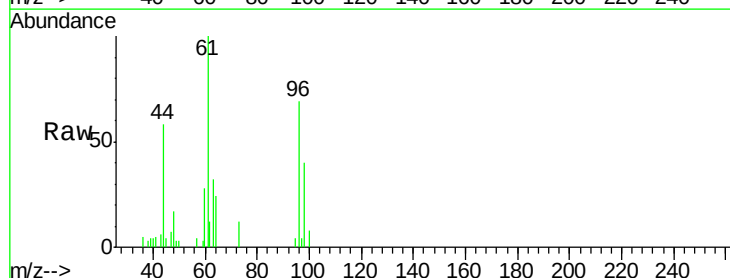
#17
Methyl tert-butyl Ether
Concen: 0.49 ug/L
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

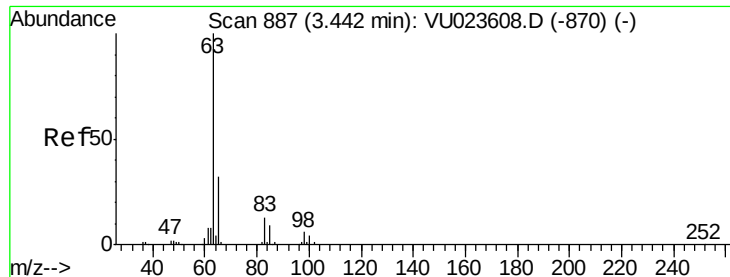
Tgt Ion	Ratio	Lower	Upper
73	100		
43	26.1	16.6	25.0#
57	23.3	19.4	29.0



#18
trans-1,2-Dichloroethene
Concen: 0.49 ug/L
RT: 2.98 min Scan# 743
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.3	109.0	202.4
98	58.2	44.7	83.1





#19

1,1-Dichloroethane

Concen: 0.48 ug/L

RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

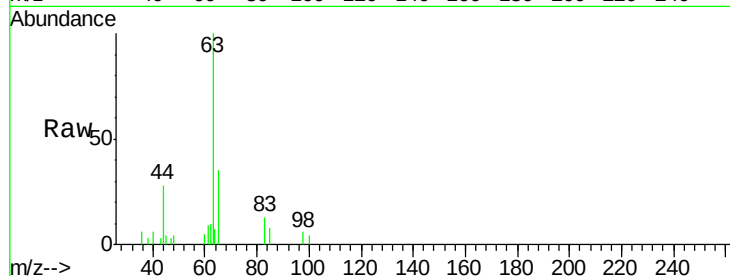
Tgt Ion: 63 Resp: 9578

Ion Ratio Lower Upper

63 100

65 34.8 22.0 41.0

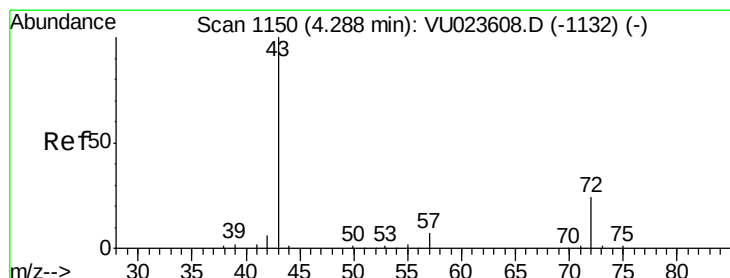
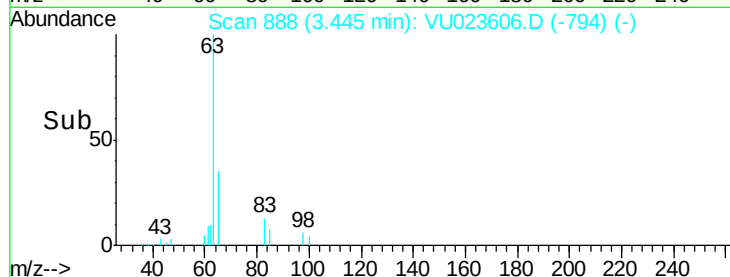
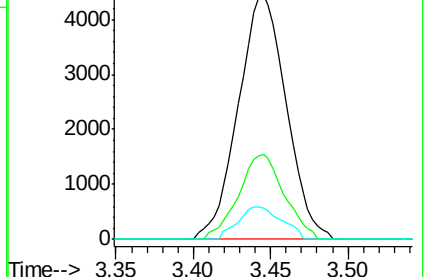
83 13.0 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU023606.D (-794) (-)

Ion 65.10 (64.80 to 65.80): VU023606.D (-794) (-)

Ion 83.05 (82.75 to 83.75): VU023606.D (-794) (-)



#21

2-Butanone

Concen: 6.33 ug/L

RT: 4.30 min Scan# 1155

Delta R.T. 0.02 min

Lab File: VU023606.D

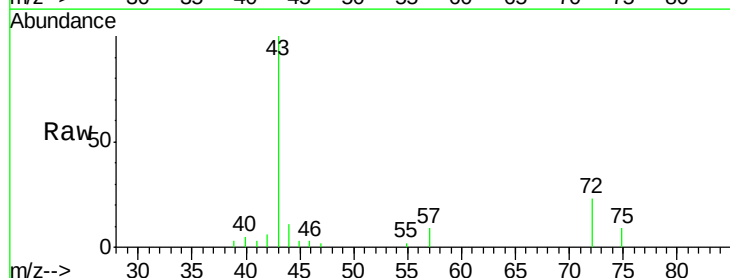
Acq: 03 May 2018 17:12

Tgt Ion: 43 Resp: 17444

Ion Ratio Lower Upper

43 100

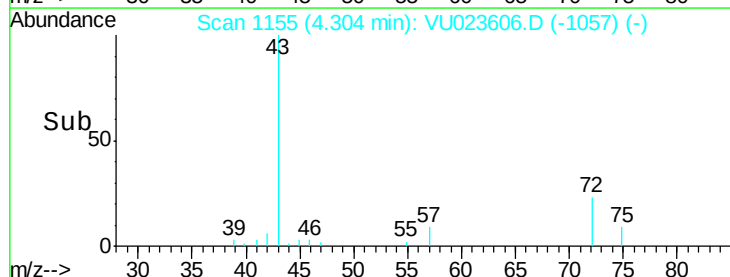
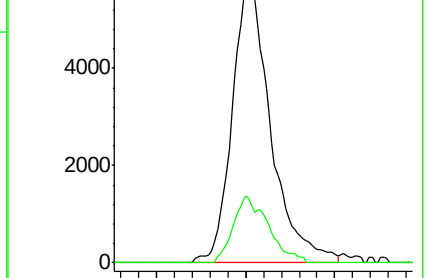
72 21.6 12.3 36.8

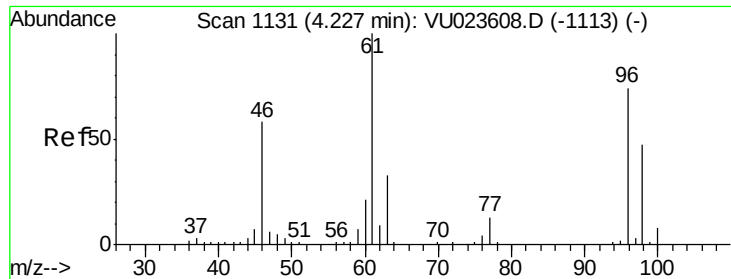


Abundance Ion 43.05 (42.75 to 43.75): VU023606.D (-1057) (-)

Ion 72.10 (71.80 to 72.80): VU023606.D (-1057) (-)

Ion 75.10 (74.80 to 75.80): VU023606.D (-1057) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.49 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

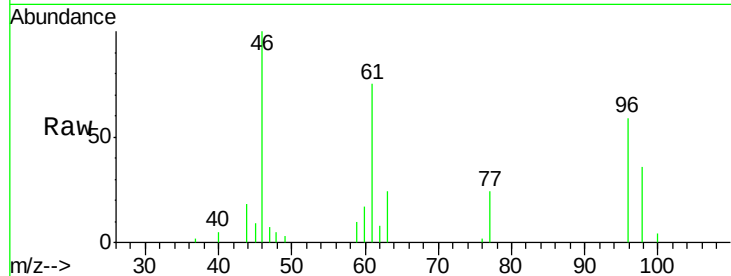
Tgt Ion: 96 Resp: 5931

Ion Ratio Lower Upper

96 100

61 125.9 94.6 175.6

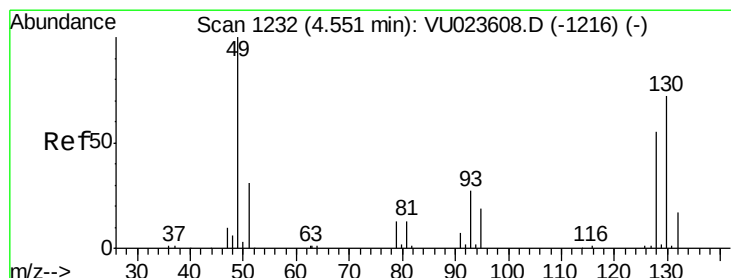
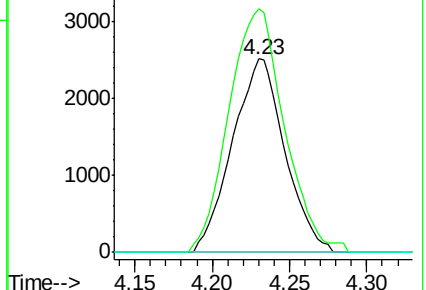
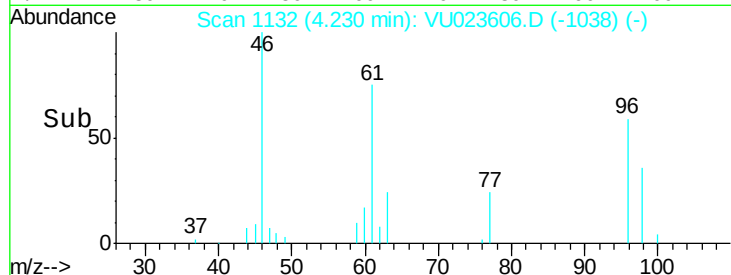
68 0.0 0.0 0.0



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: 0.50 ug/L

RT: 4.55 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

Tgt Ion: 128 Resp: 2644

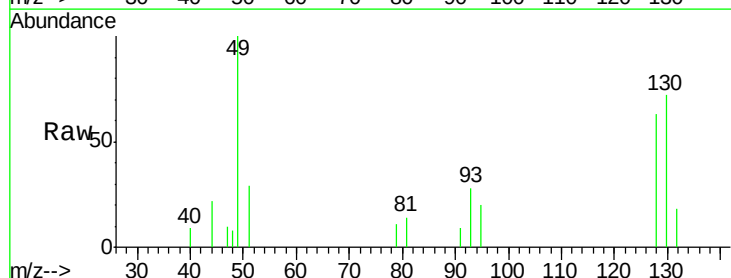
Ion Ratio Lower Upper

128 100

49 159.3 126.5 234.9

130 115.3 90.4 168.0

51 46.3 44.6 66.8

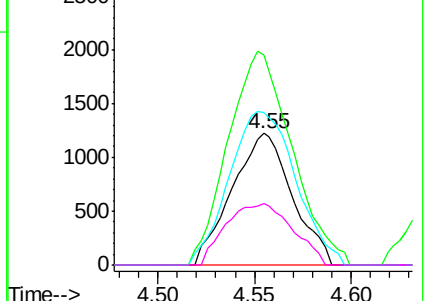
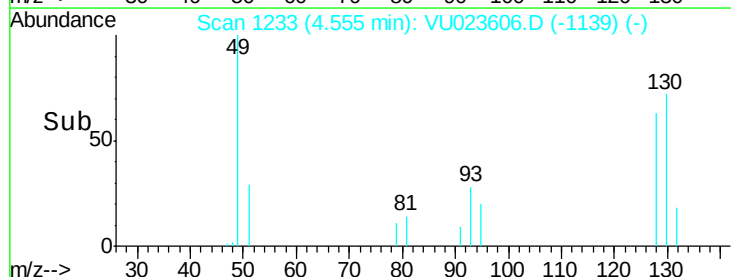


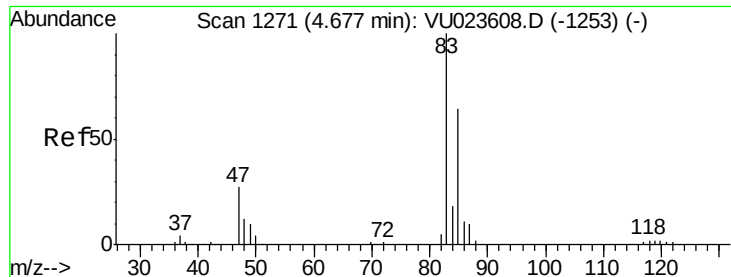
Abundance Ion 127.90 (127.60 to 128.60): V

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: 0.53 ug/L

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU023606.D

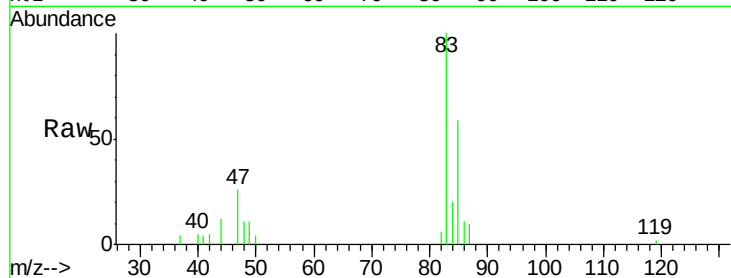
Acq: 03 May 2018 17:12

Tgt Ion: 83 Resp: 10785

Ion Ratio Lower Upper

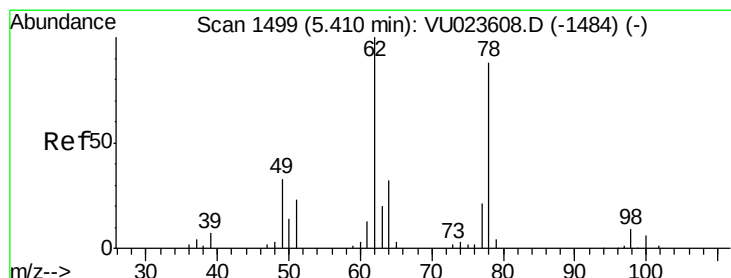
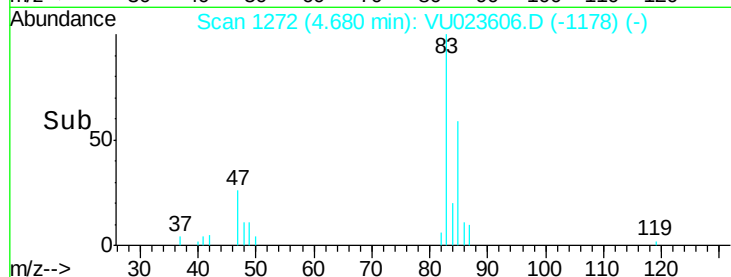
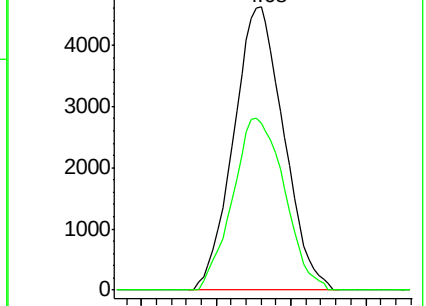
83 100

85 59.1 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: 0.54 ug/L

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU023606.D

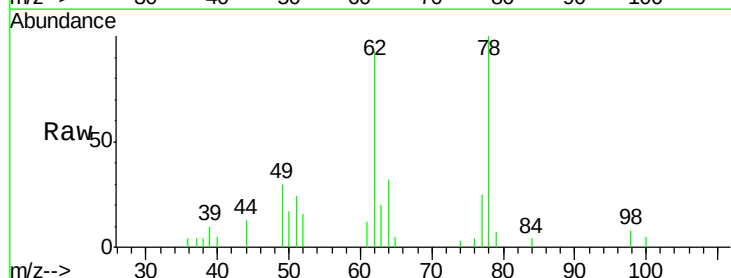
Acq: 03 May 2018 17:12

Tgt Ion: 62 Resp: 6525

Ion Ratio Lower Upper

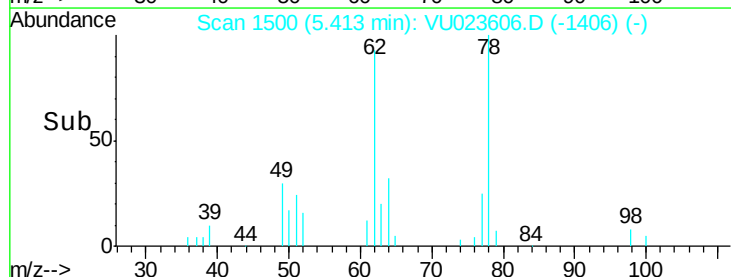
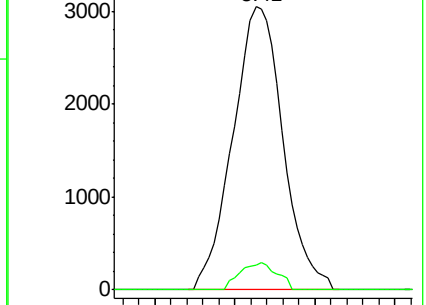
62 100

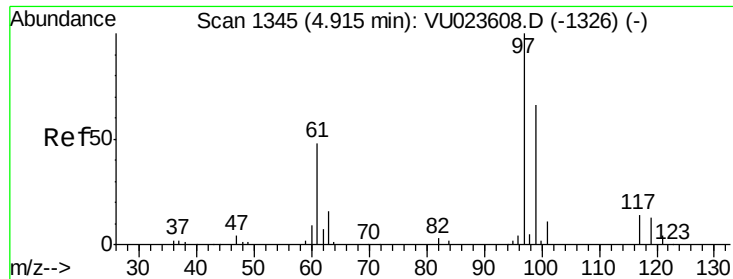
98 8.8 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

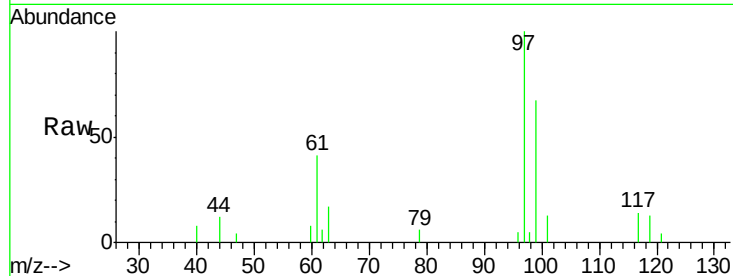
Ion 98.05 (97.75 to 98.75): VU0



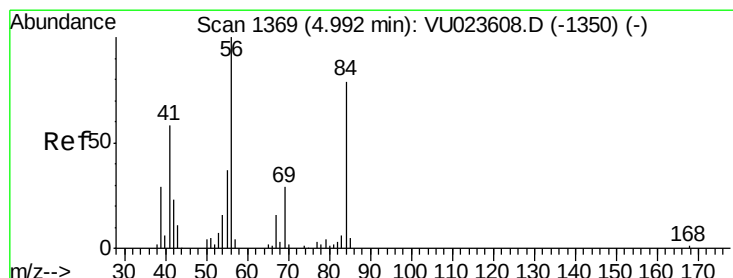
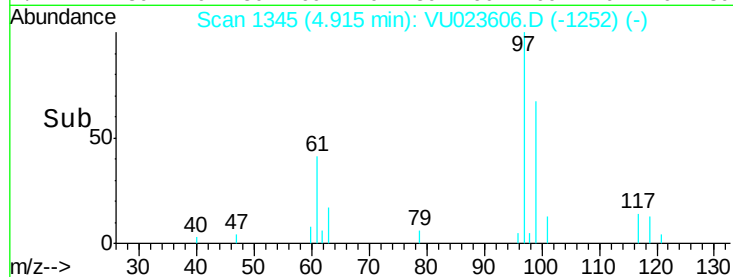
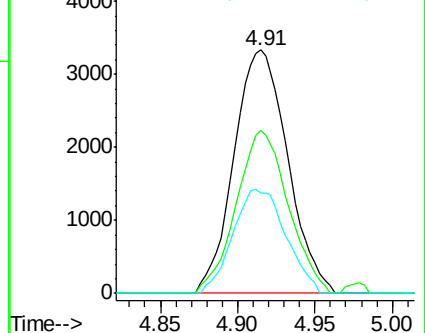


#29
 1,1,1-Trichloroethane
 Concen: 0.48 ug/L
 RT: 4.91 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion: 97 Resp: 8027
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.2
 61 42.1 37.8 56.6

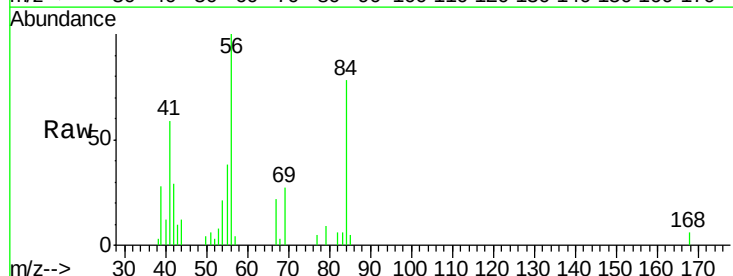


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

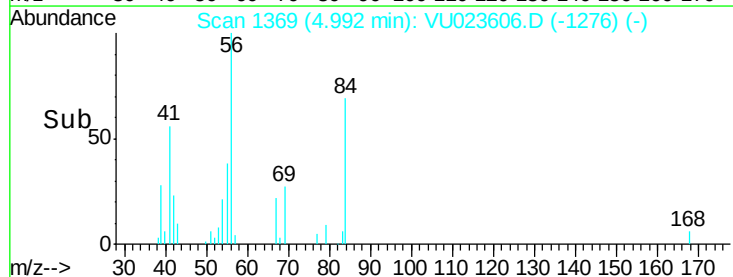
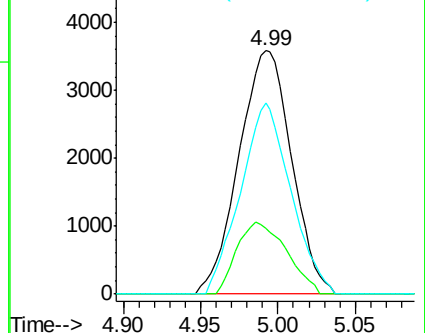


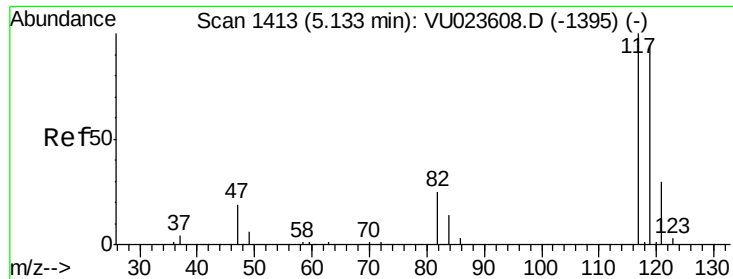
#30
 Cyclohexane
 Concen: 0.47 ug/L
 RT: 4.99 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion: 56 Resp: 8490
 Ion Ratio Lower Upper
 56 100
 69 27.8 23.6 35.4
 84 74.8 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: 0.43 ug/L

RT: 5.13 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VU023606.D

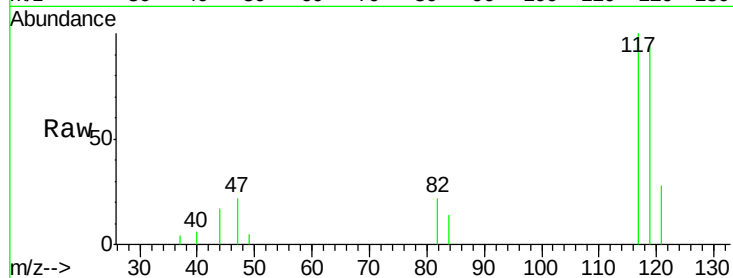
Acq: 03 May 2018 17:12

Tgt Ion: 117 Resp: 6340

Ion Ratio Lower Upper

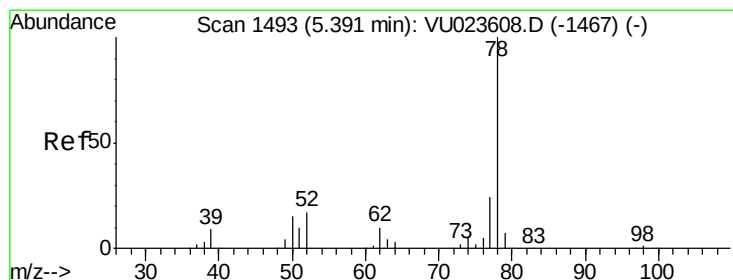
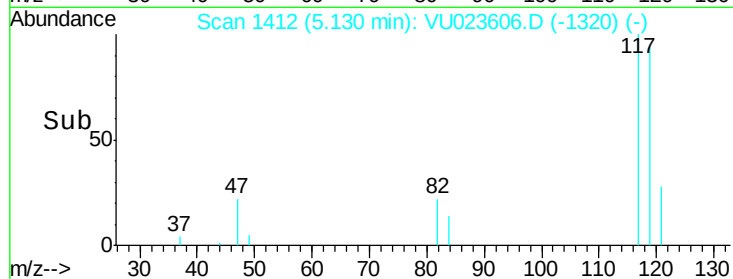
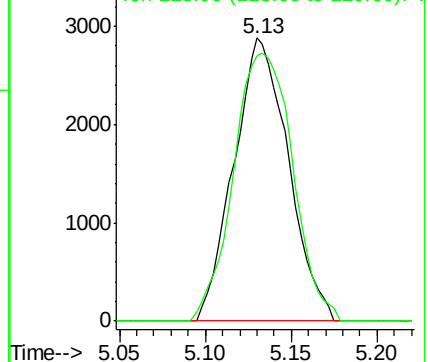
117 100

119 103.1 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: 0.47 ug/L

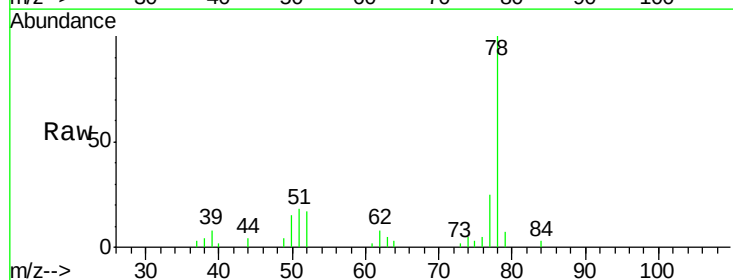
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

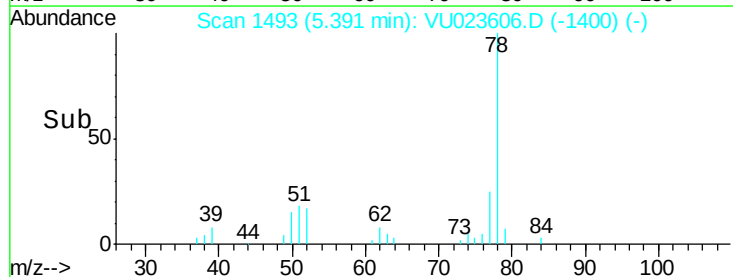
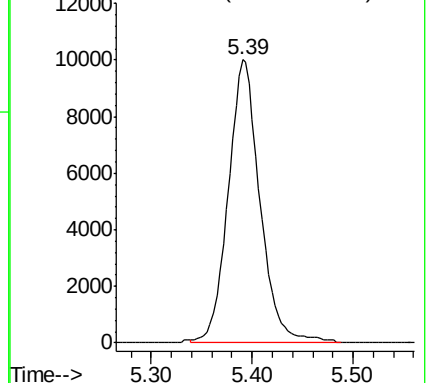
Lab File: VU023606.D

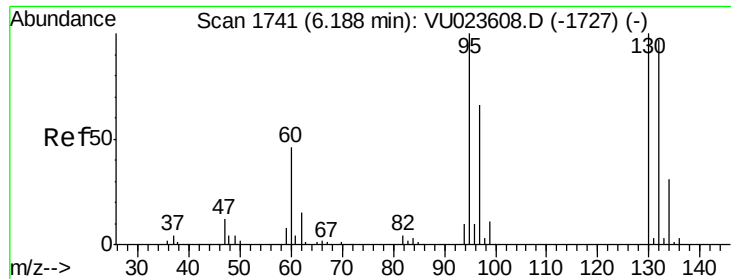
Acq: 03 May 2018 17:12

Tgt Ion: 78 Resp: 21968



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.49 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

Tgt Ion: 95 Resp: 6047

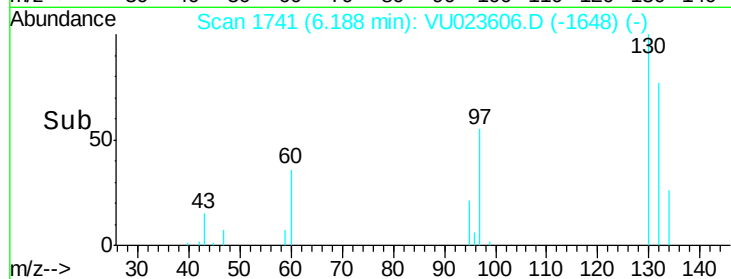
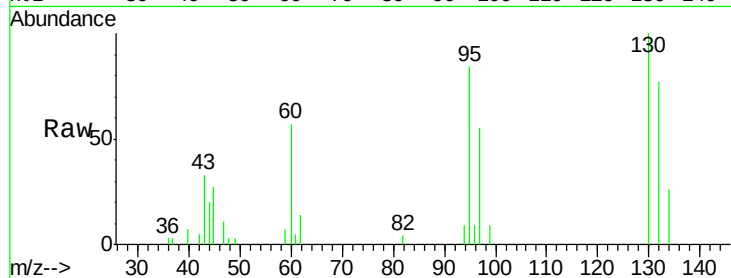
Ion Ratio Lower Upper

95 100

97 65.6 46.0 85.4

132 92.3 68.1 126.5

130 119.6 70.1 130.1

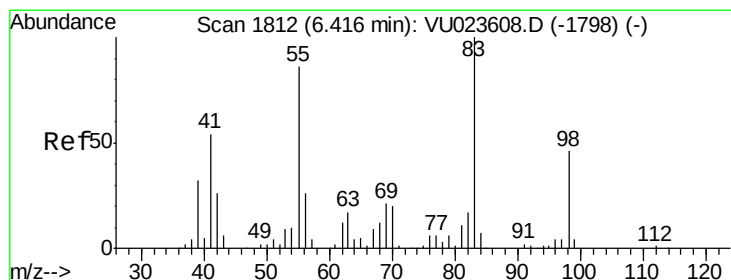
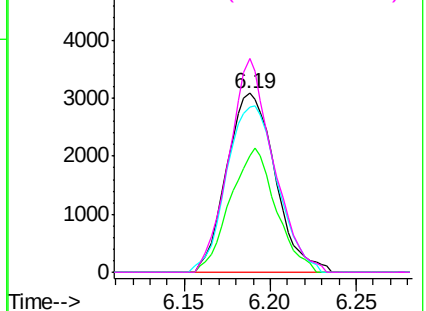


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.42 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

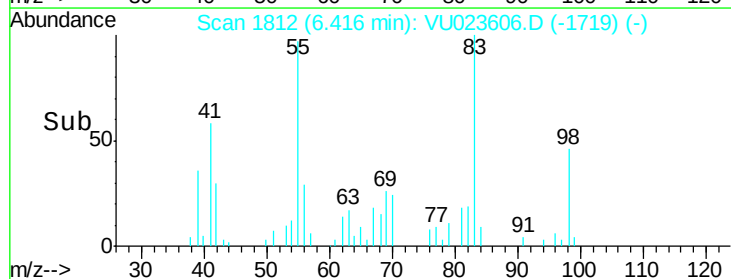
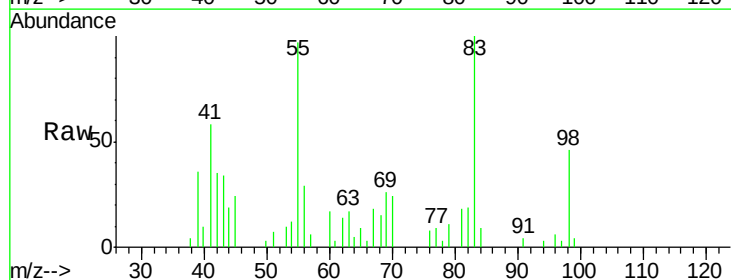
Tgt Ion: 83 Resp: 8139

Ion Ratio Lower Upper

83 100

55 92.5 68.4 102.6

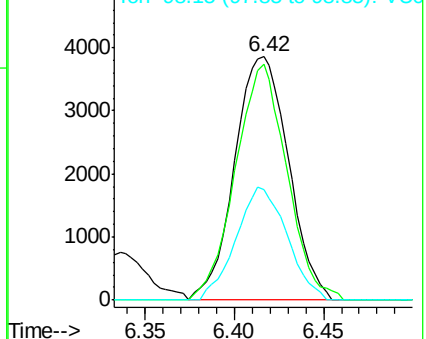
98 43.9 36.7 55.1

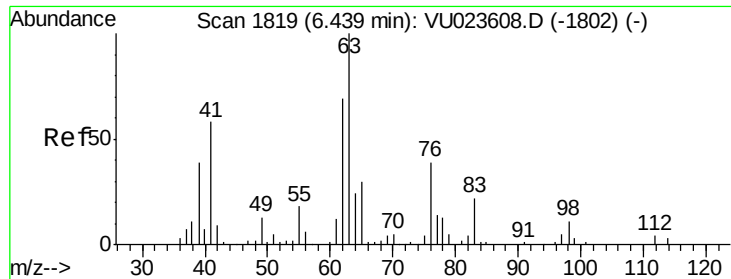


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

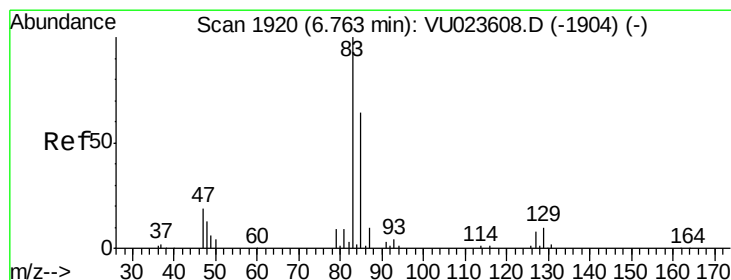
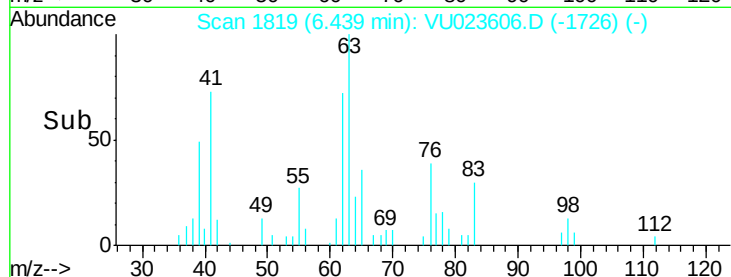
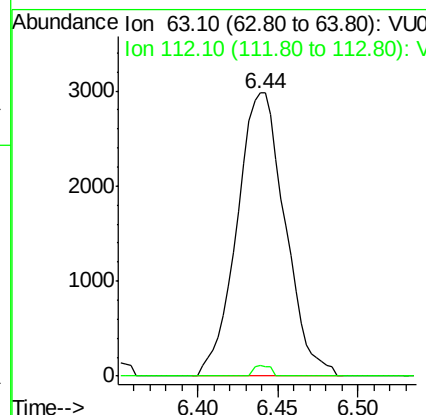
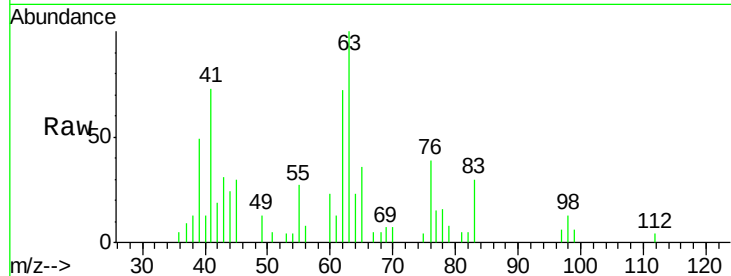
Ion 98.15 (97.85 to 98.85): VU0





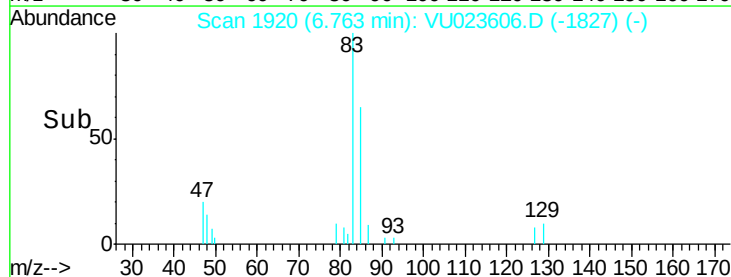
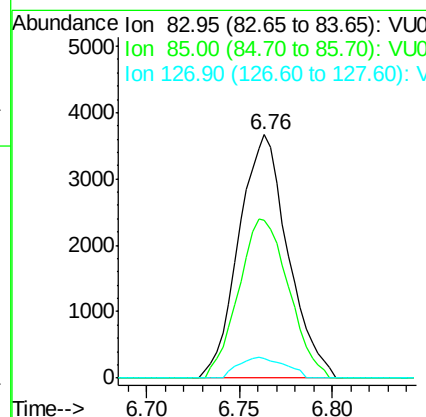
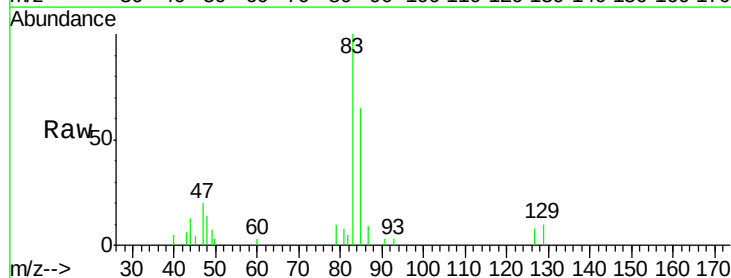
#37
 1,2-Dichloropropane
 Concen: 0.50 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

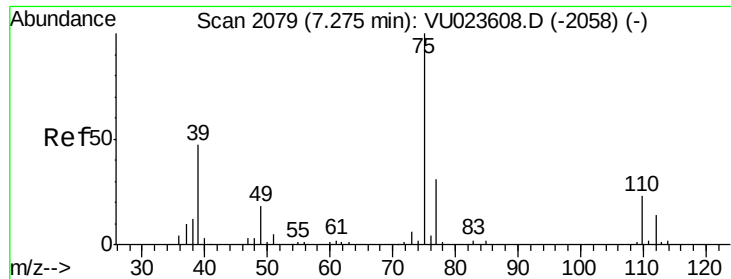
Tgt Ion: 63 Resp: 6117
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 0.50 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

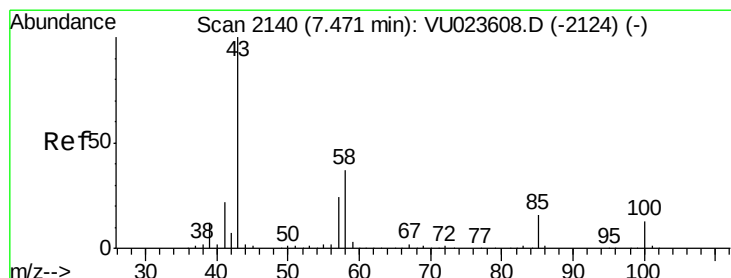
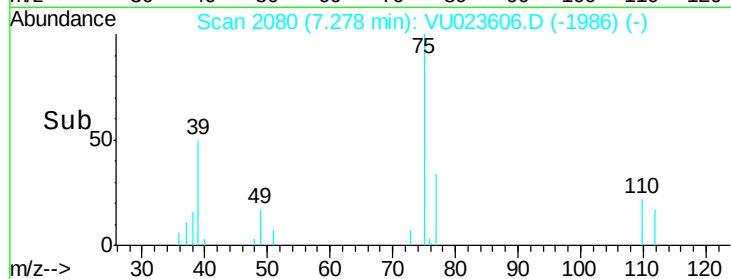
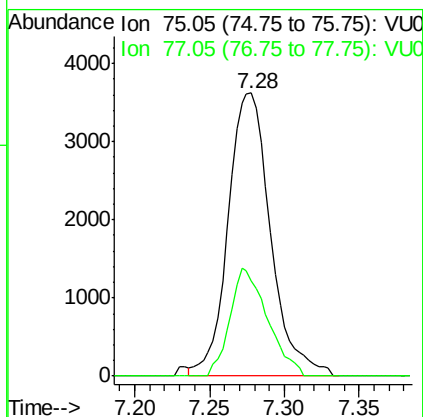
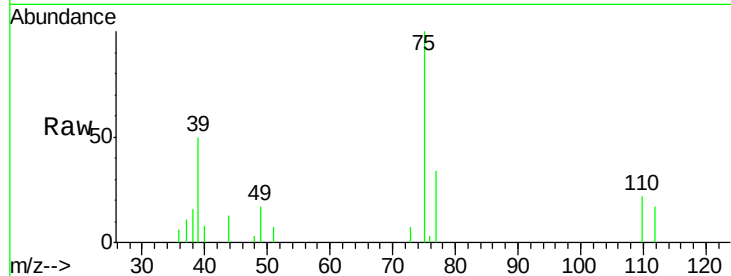
Tgt Ion: 83 Resp: 6738
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.1 83.7
 127 7.8 6.7 10.1





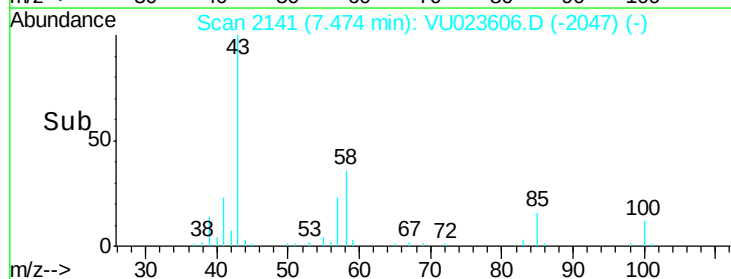
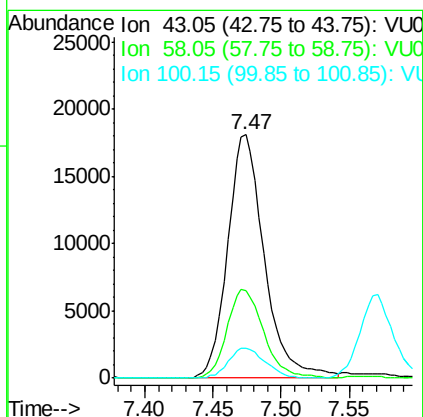
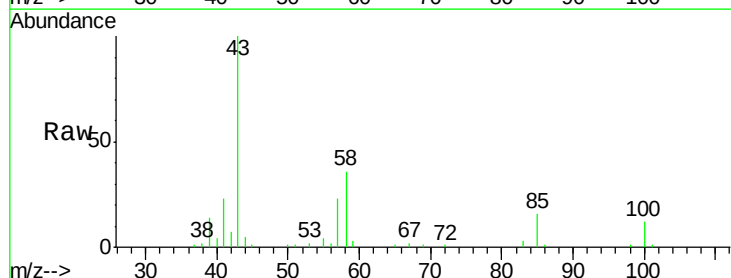
#39
 cis-1,3-Dichloropropene
 Concen: 0.45 ug/L
 RT: 7.28 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

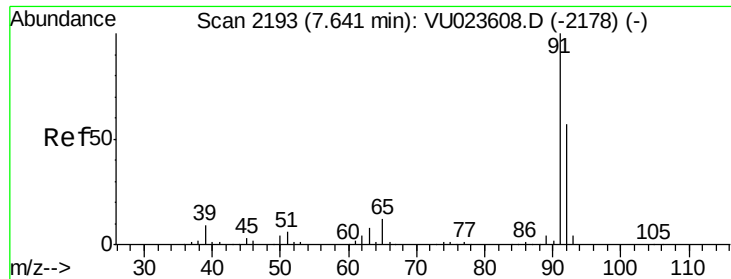
Tgt Ion: 75 Resp: 7163
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 5.05 ug/L
 RT: 7.47 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion: 43 Resp: 33859
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.7 44.5
 100 12.2 10.1 15.1





#42

Toluene

Concen: 0.42 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023606.D

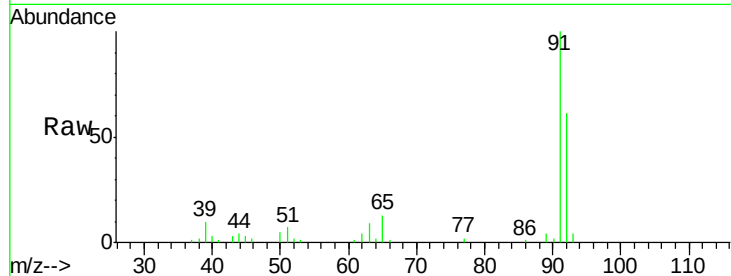
Acq: 03 May 2018 17:12

Tgt Ion: 91 Resp: 20778

Ion Ratio Lower Upper

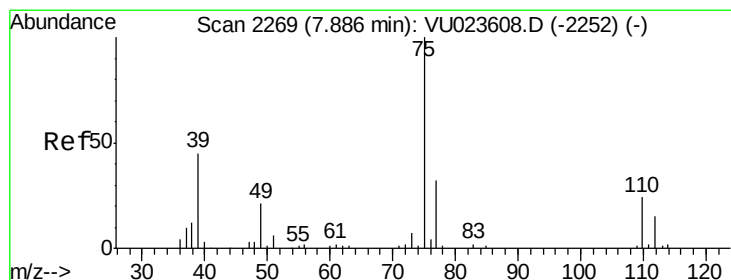
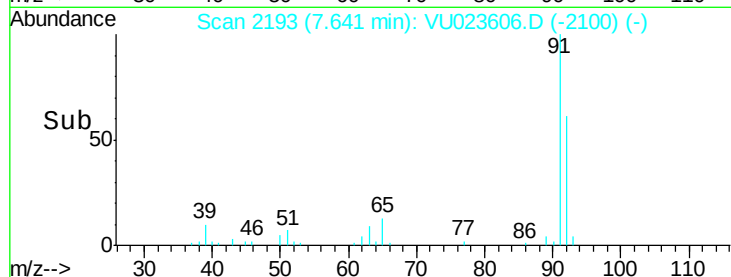
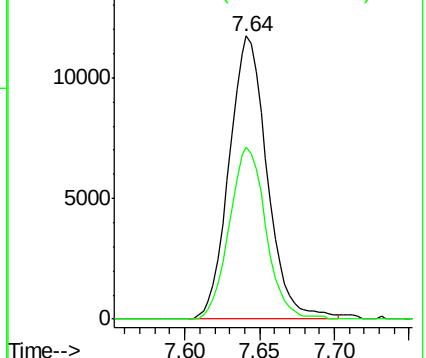
91 100

92 60.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.47 ug/L

RT: 7.89 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VU023606.D

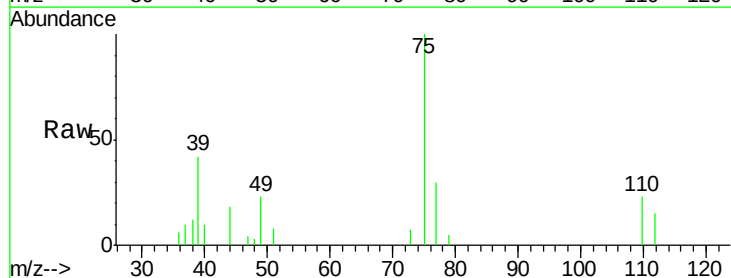
Acq: 03 May 2018 17:12

Tgt Ion: 75 Resp: 5743

Ion Ratio Lower Upper

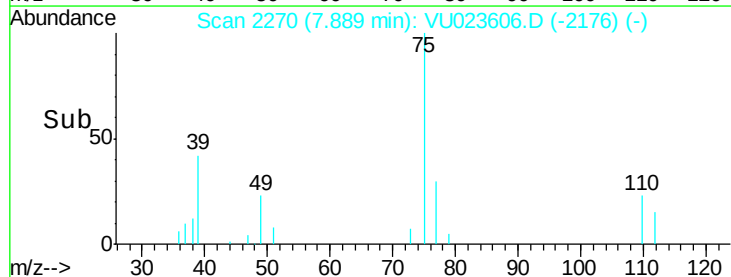
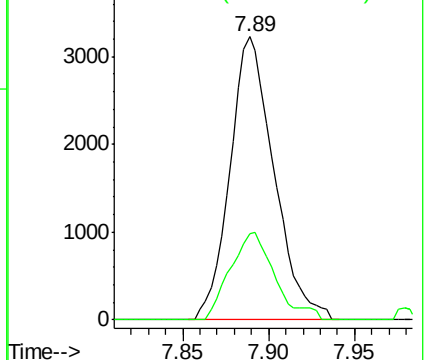
75 100

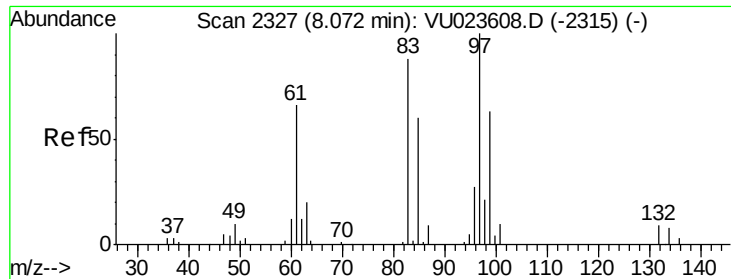
77 30.4 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

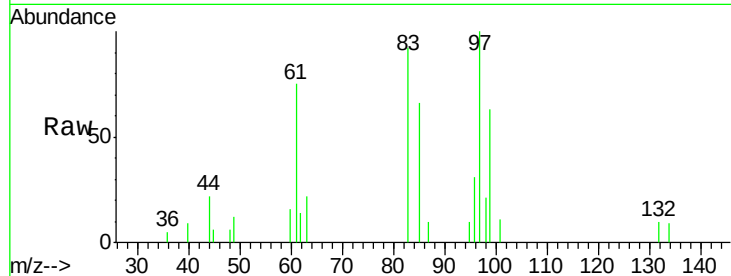
Ion 77.05 (76.75 to 77.75): VU0



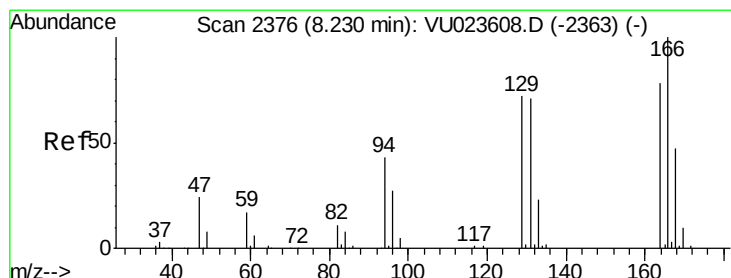
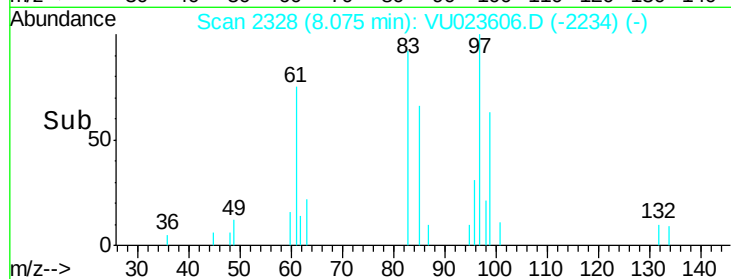
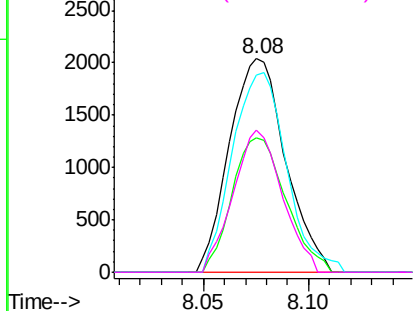


#45
 1,1,2-Trichloroethane
 Concen: 0.46 ug/L
 RT: 8.08 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:	97	Resp:	3790
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.8
83	92.5	61.6	114.4
85	66.3	41.8	77.6

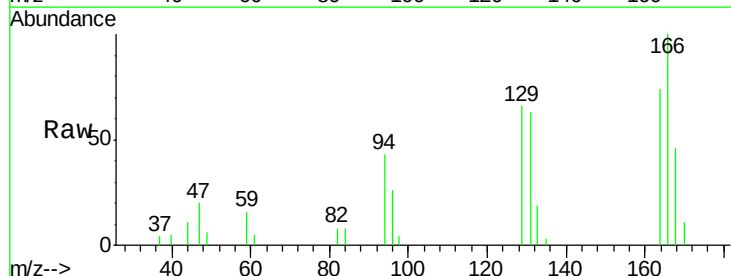


Abundance Ion 96.95 (96.65 to 97.65): VU023606.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023606.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023606.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023606.D (-2234) (-)

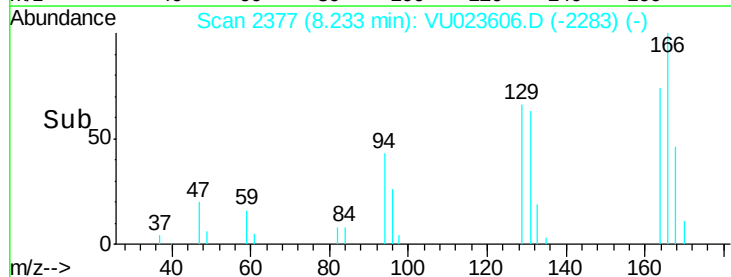
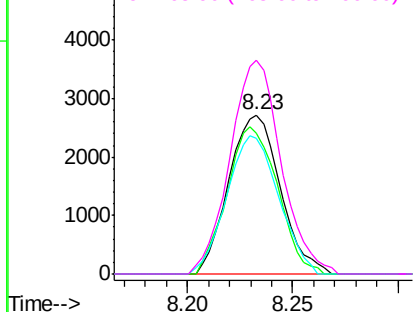


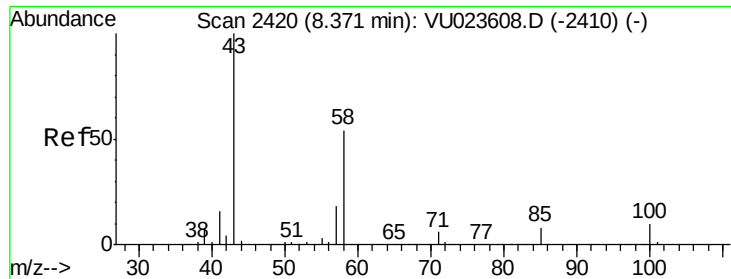
#47
 Tetrachloroethene
 Concen: 0.45 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:	164	Resp:	4622
Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.4	119.6
131	85.0	63.9	118.7
166	134.3	90.0	167.2



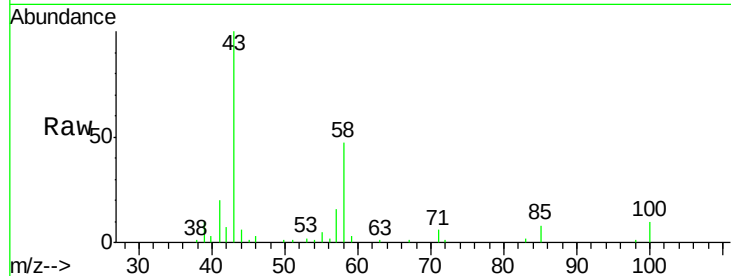
Abundance Ion 163.90 (163.60 to 164.60): VU023606.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023606.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023606.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023606.D (-2283) (-)



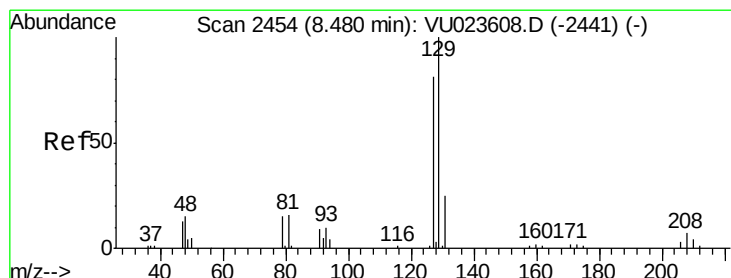
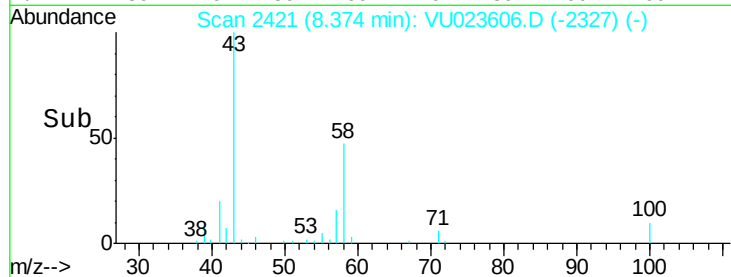
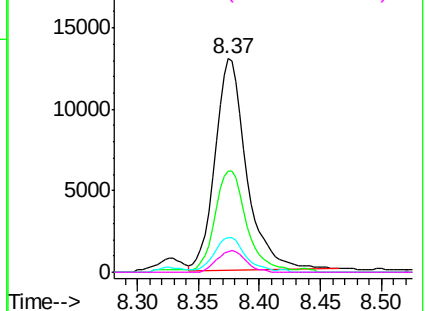


#48
2-Hexanone
Concen: 4.96 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:	43	Resp:	23695
Ion	Ratio	Lower	Upper
43	100		
58	46.4	42.1	63.1
57	16.6	14.3	21.5
100	9.3	7.8	11.8

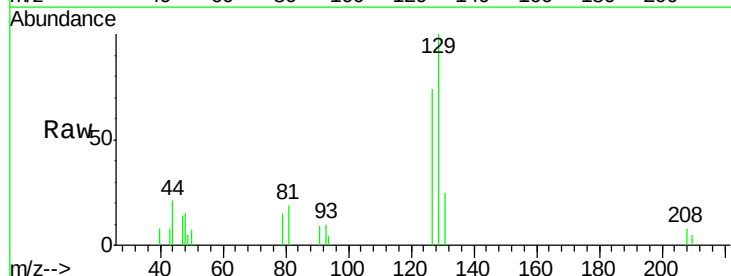


Abundance Ion 43.05 (42.75 to 43.75): VU023606.D (-2327) (-)
Ion 58.05 (57.75 to 58.75): VU023606.D (-2327) (-)
Ion 57.20 (56.90 to 57.90): VU023606.D (-2327) (-)
Ion 100.15 (99.85 to 100.85): VU023606.D (-2327) (-)

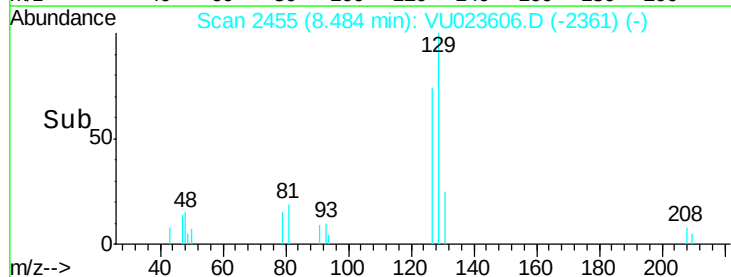
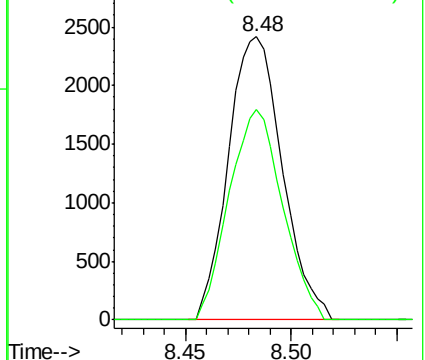


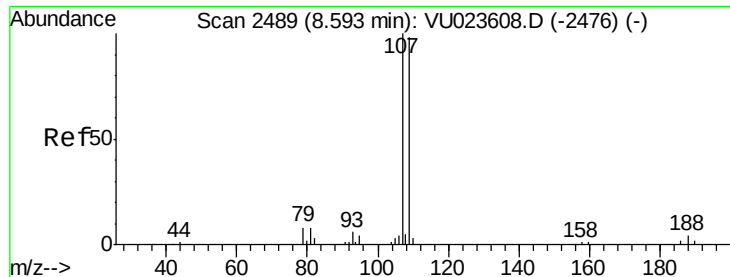
#49
Dibromochloromethane
Concen: 0.47 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:	129	Resp:	4289
Ion	Ratio	Lower	Upper
129	100		
127	74.2	56.9	105.7



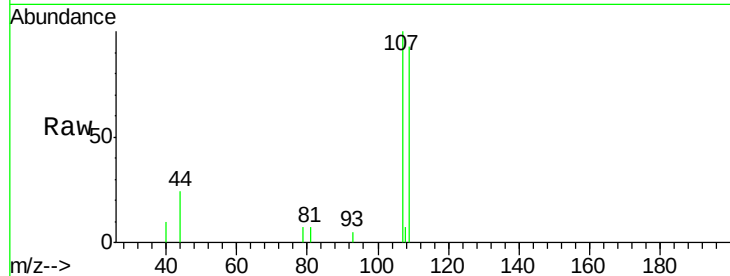
Abundance Ion 128.95 (128.65 to 129.65): VU023606.D (-2361) (-)
Ion 126.90 (126.60 to 127.60): VU023606.D (-2361) (-)



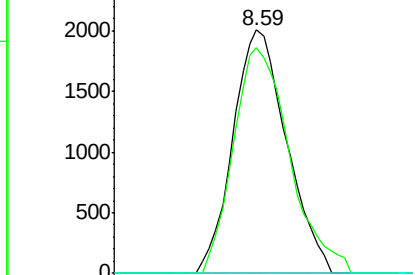


#50
 1,2-Dibromoethane
 Concen: 0.46 ug/L
 RT: 8.59 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

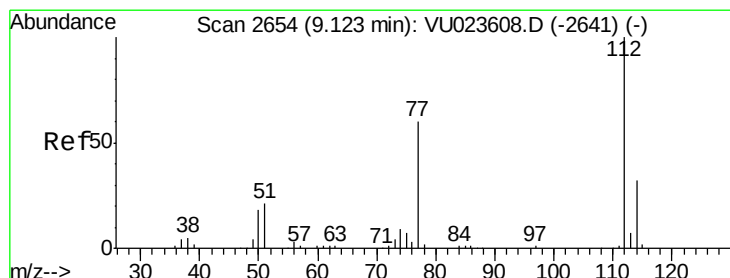
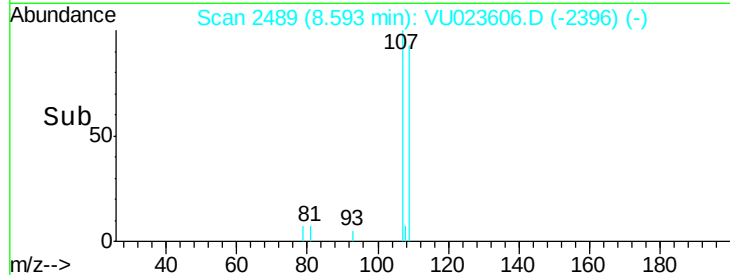
Tgt Ion:107 Resp: 3539
 Ion Ratio Lower Upper
 107 100
 109 92.8 68.4 127.0
 188 0.0 3.0 4.4#



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

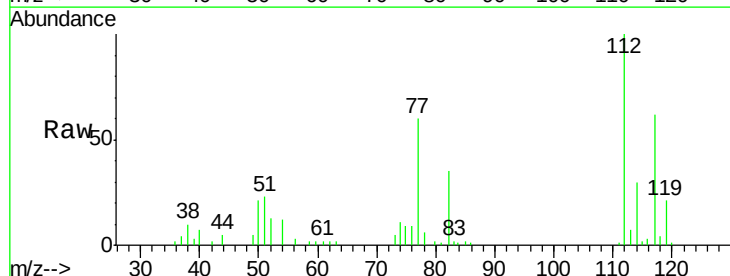


Time-->

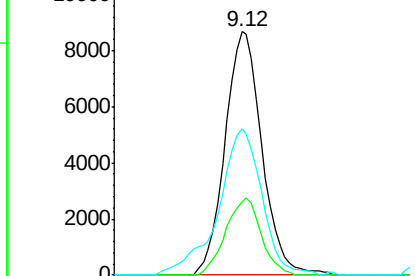


#51
 Chlorobenzene
 Concen: 0.46 ug/L
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

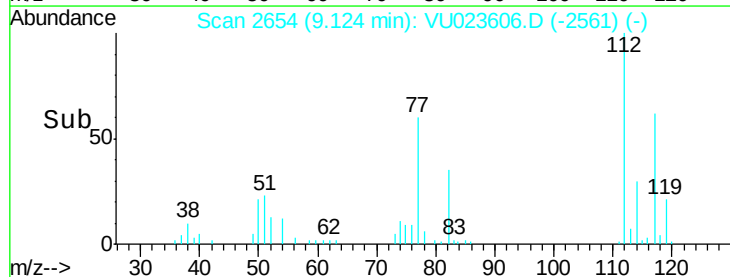
Tgt Ion:112 Resp: 14892
 Ion Ratio Lower Upper
 112 100
 114 30.2 22.3 41.3
 77 60.2 48.8 73.2

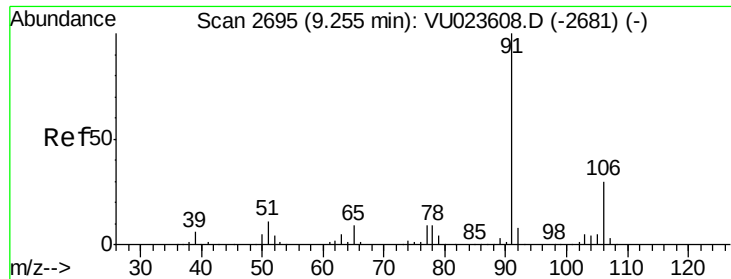


Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): V



Time-->





#52

Ethylbenzene

Concen: 0.41 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023606.D

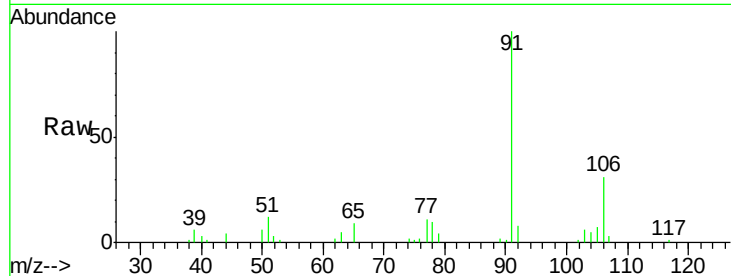
Acq: 03 May 2018 17:12

Tgt Ion: 91 Resp: 21659

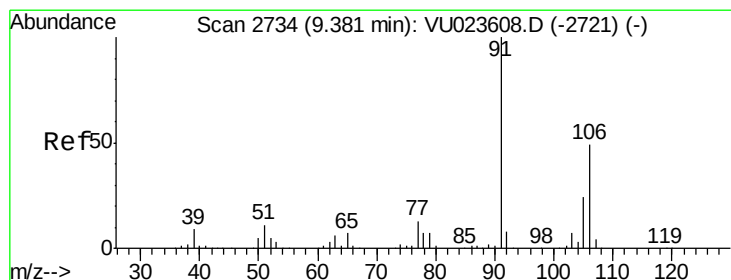
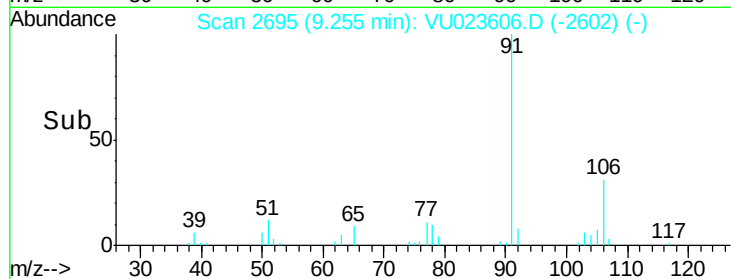
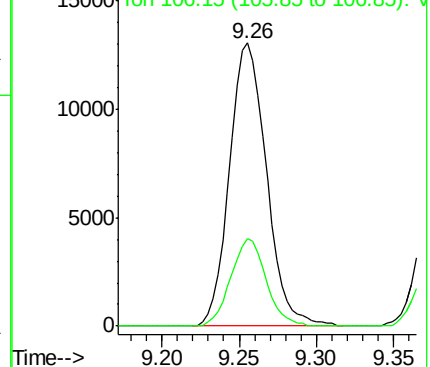
Ion Ratio Lower Upper

91 100

106 30.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023606.D (-2602) (-)



#53

m,p-xylene

Concen: 0.40 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023606.D

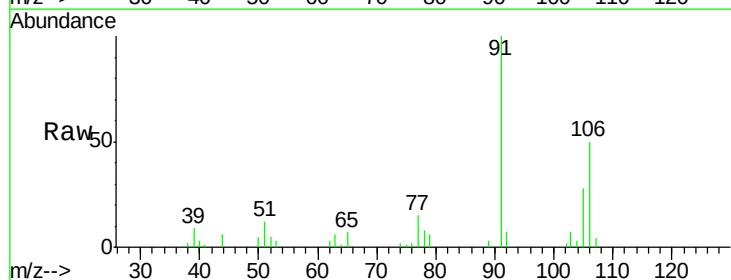
Acq: 03 May 2018 17:12

Tgt Ion: 106 Resp: 8001

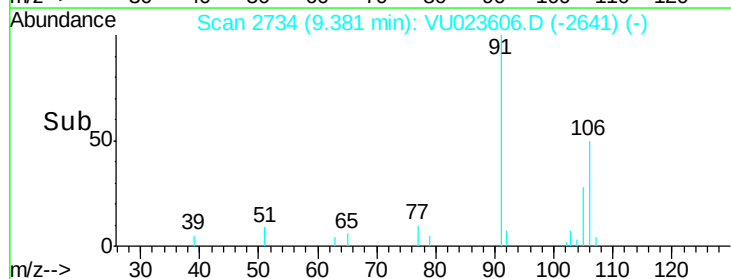
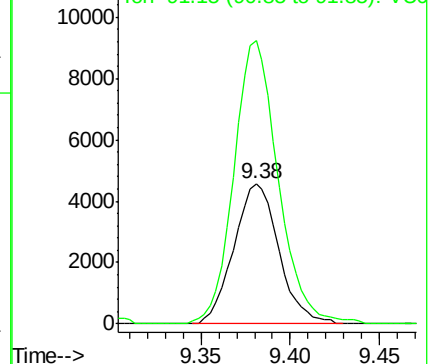
Ion Ratio Lower Upper

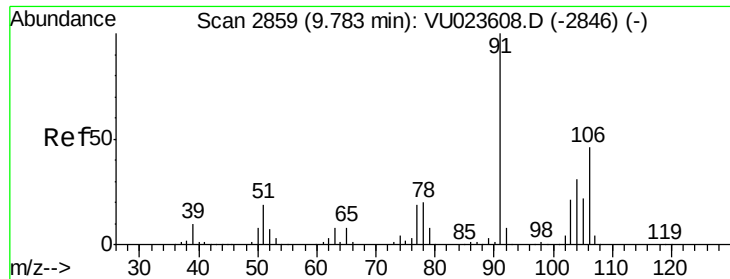
106 100

91 202.0 142.4 264.4



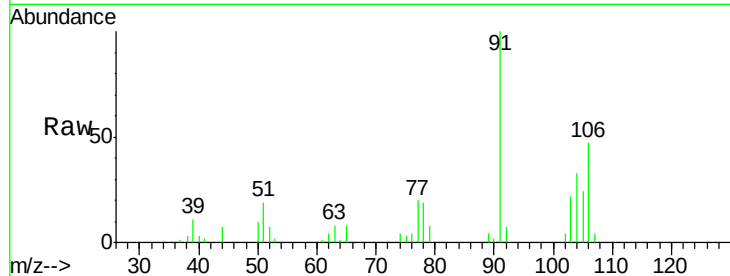
Abundance Ion 106.15 (105.85 to 106.85): VU023606.D (-2641) (-)



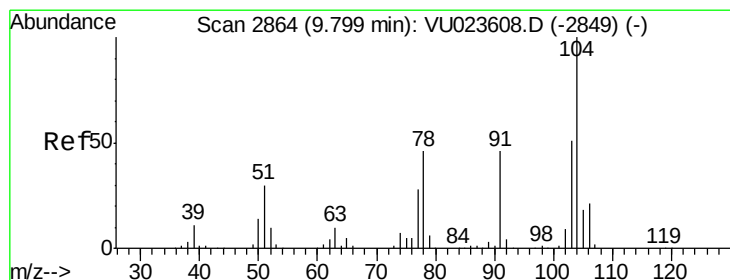
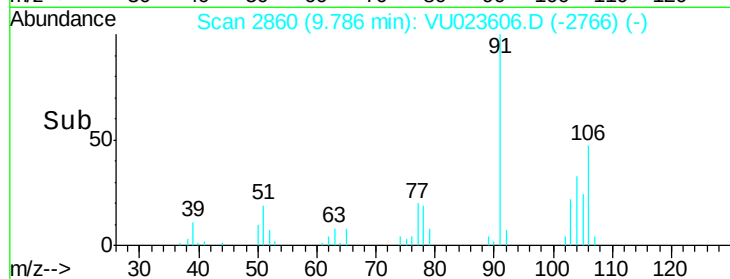
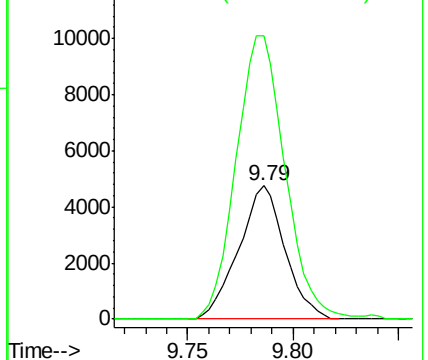


#54
o-xylene
Concen: 0.38 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:106 Resp: 7233
Ion Ratio Lower Upper
106 100
91 212.5 151.5 281.5

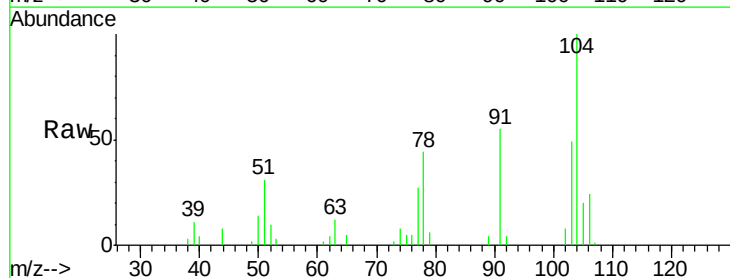


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

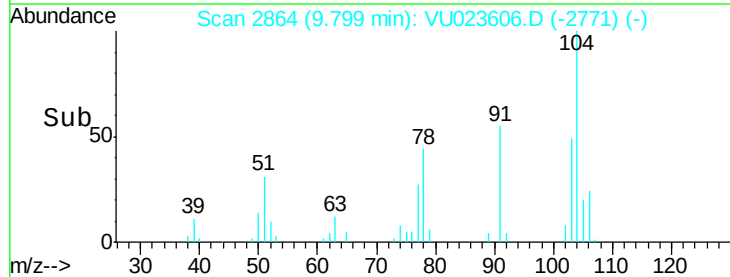
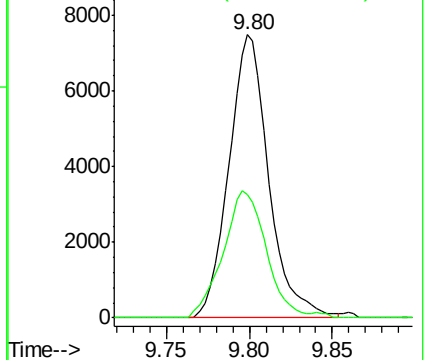


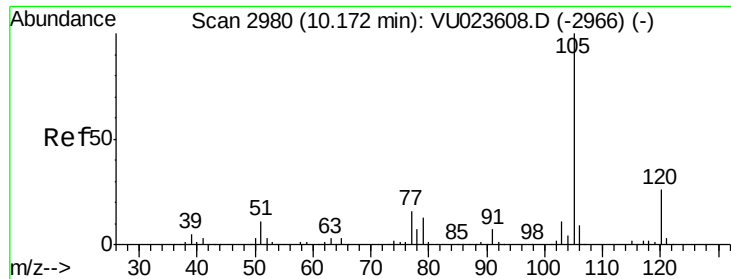
#55
Styrene
Concen: 0.38 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:104 Resp: 12469
Ion Ratio Lower Upper
104 100
78 43.8 32.0 59.4



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





#56

Isopropylbenzene

Concen: 0.39 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

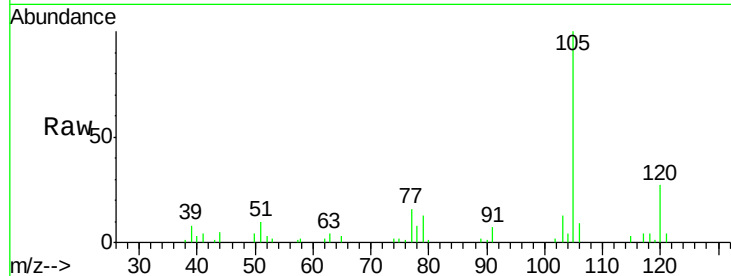
Tgt Ion: 105 Resp: 19489

Ion Ratio Lower Upper

105 100

120 24.7 21.1 31.7

77 16.0 13.1 19.7

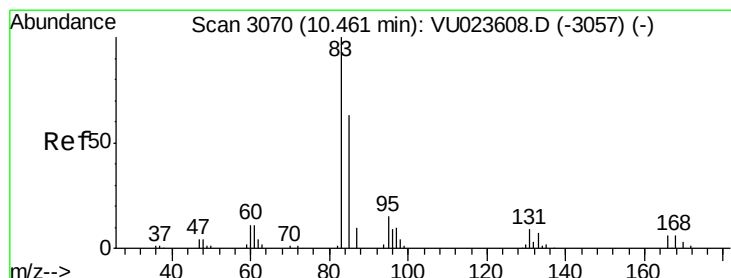
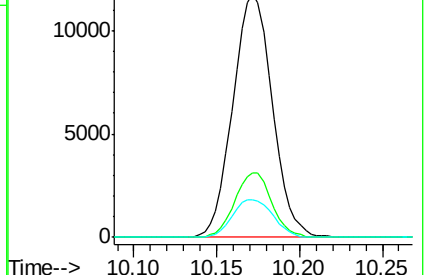
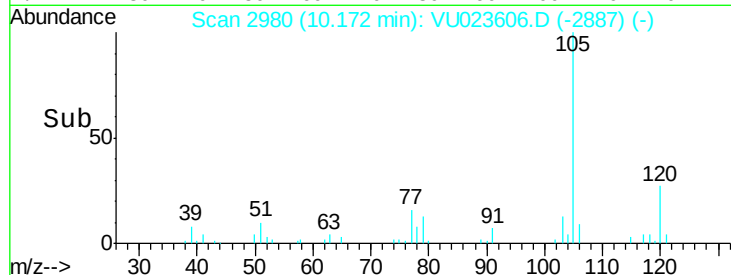


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 0.49 ug/L

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU023606.D

Acq: 03 May 2018 17:12

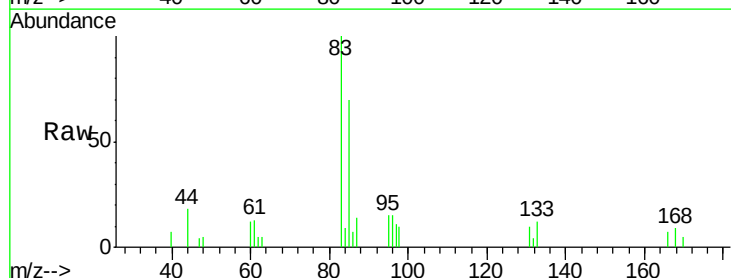
Tgt Ion: 83 Resp: 5027

Ion Ratio Lower Upper

83 100

85 70.0 44.2 82.2

131 10.3 7.3 10.9

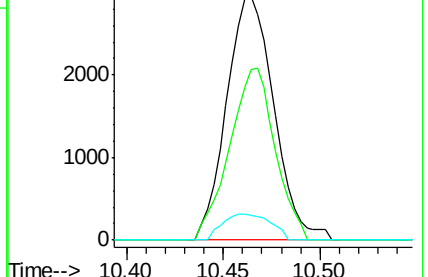
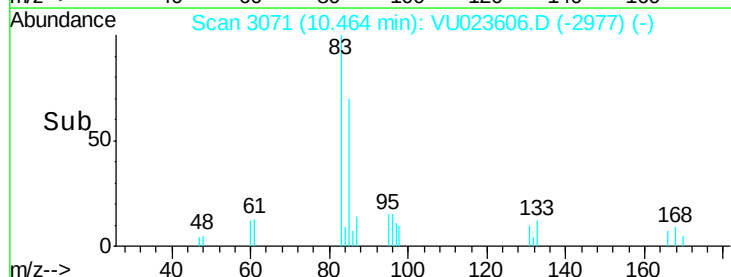


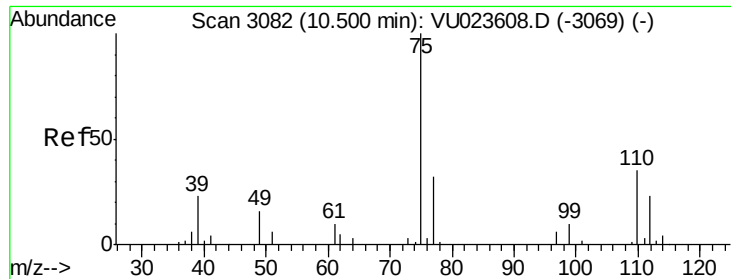
Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

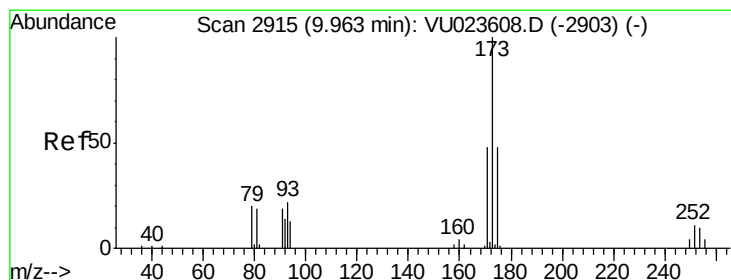
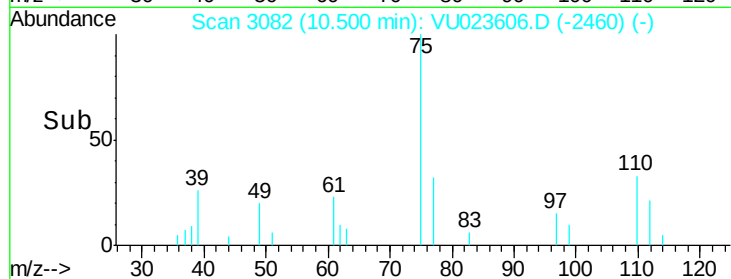
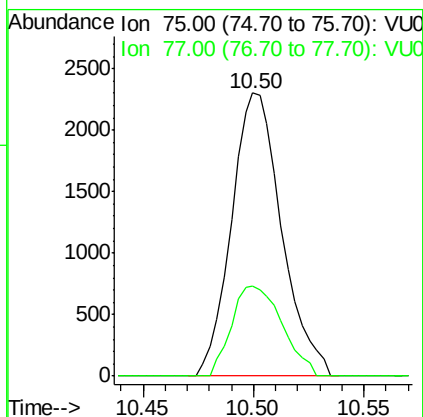
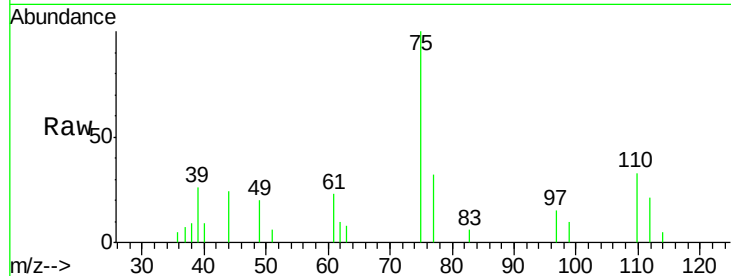
Time-->





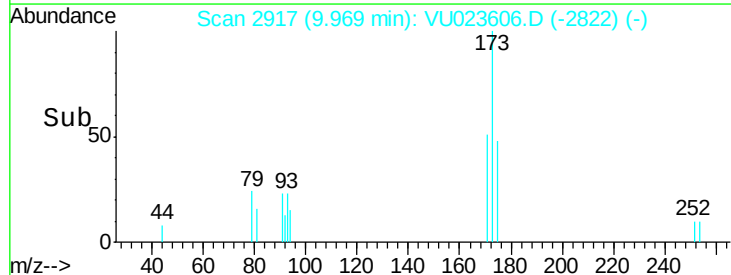
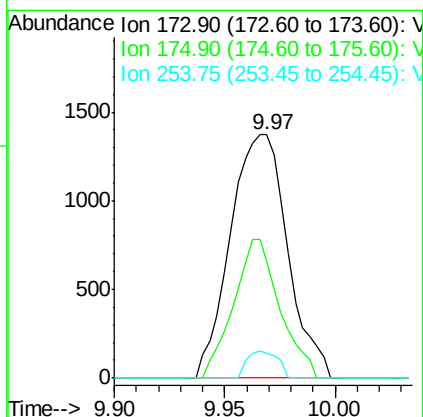
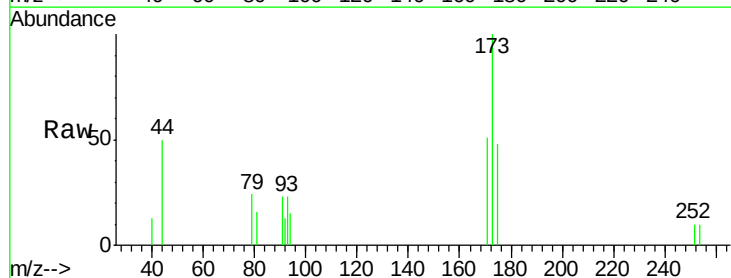
#59
 1,2,3-Trichloropropane
 Concen: 0.50 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

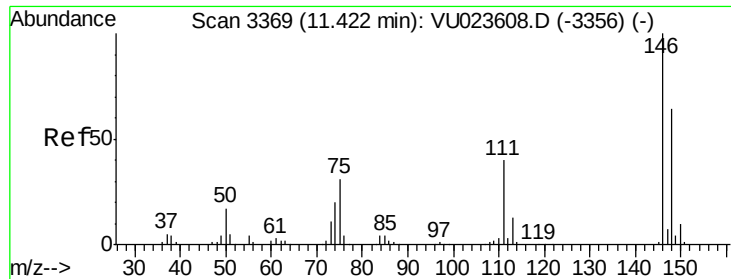
Tgt Ion: 75 Resp: 3633
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0



#61
 Bromoform
 Concen: 0.50 ug/L
 RT: 9.97 min Scan# 2917
 Delta R.T. 0.01 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

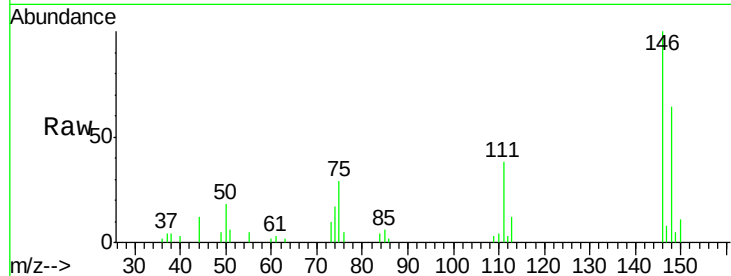
Tgt Ion: 173 Resp: 2470
 Ion Ratio Lower Upper
 173 100
 175 46.1 38.1 57.1
 254 6.0 8.6 13.0#



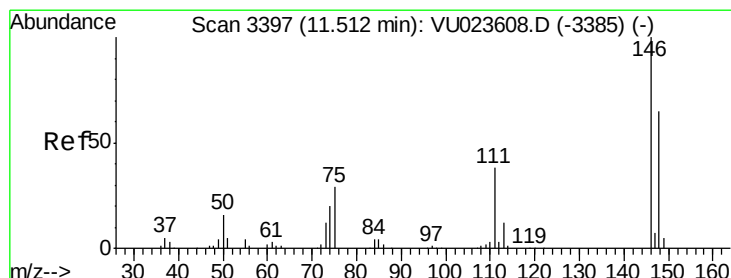
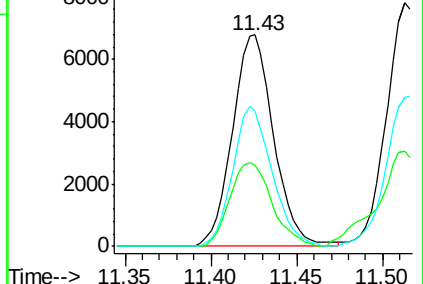
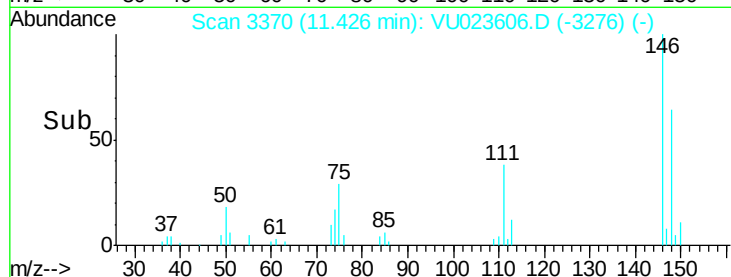


#62
 1,3-Dichlorobenzene
 Concen: 0.47 ug/L
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:146 Resp: 11290
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.9 51.9
 148 63.6 44.7 83.1

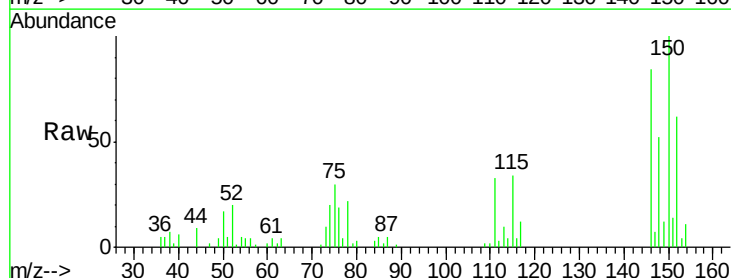


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

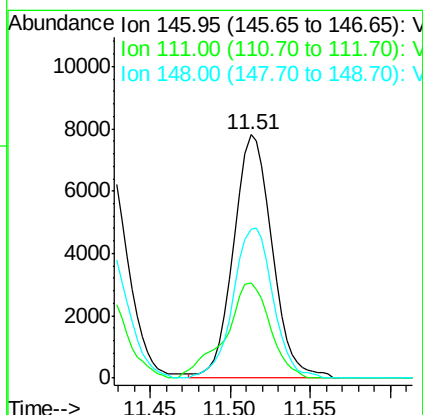
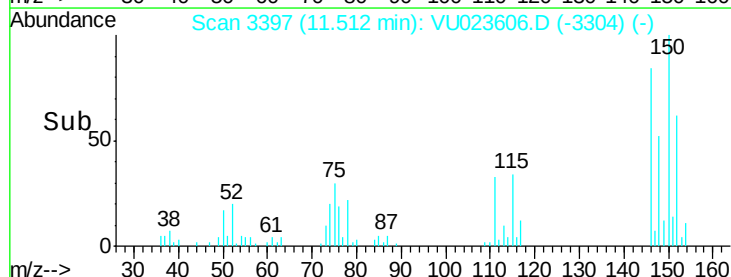


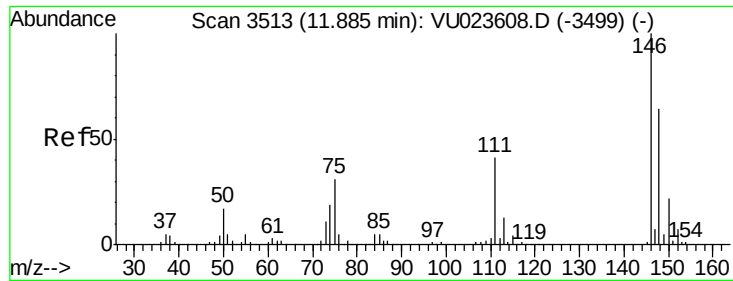
#63
 1,4-Dichlorobenzene
 Concen: 0.52 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:146 Resp: 12857
 Ion Ratio Lower Upper
 146 100
 111 38.8 26.7 49.5
 148 61.3 45.4 84.4



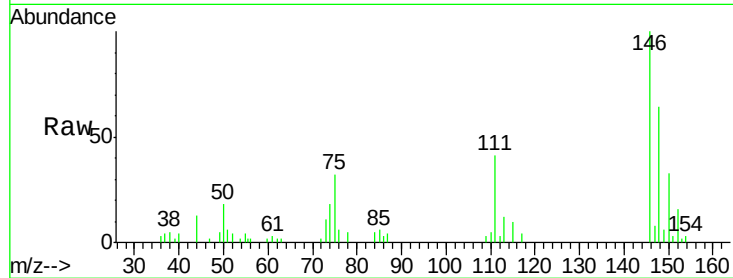
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



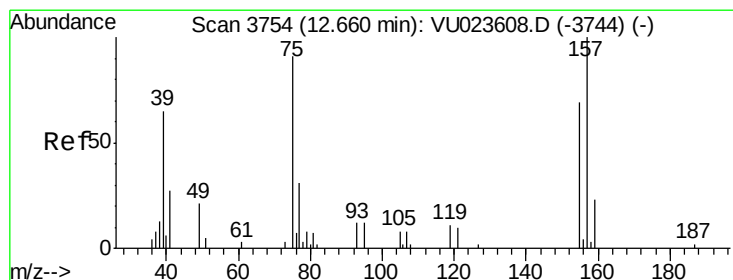
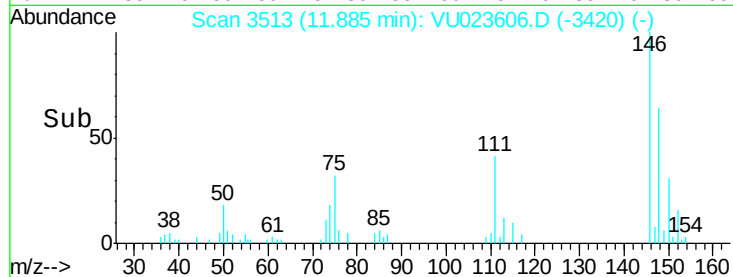
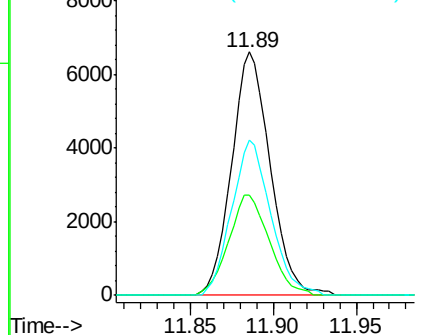


#65
 1,2-Dichlorobenzene
 Concen: 0.46 ug/L
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion: 146 Resp: 10702
 Ion Ratio Lower Upper
 146 100
 111 41.2 33.0 49.6
 148 63.8 50.8 76.2

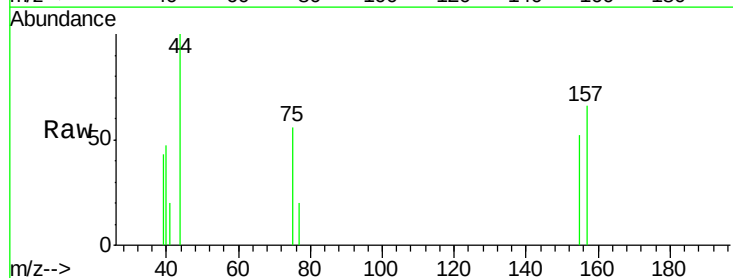


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

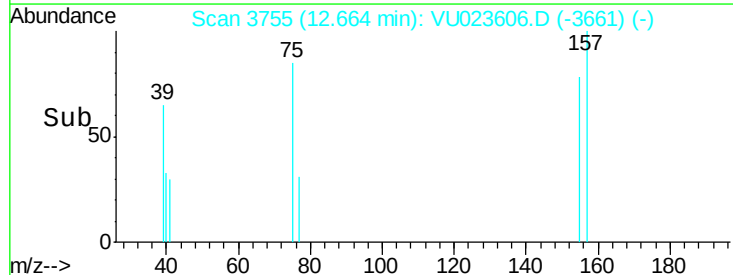
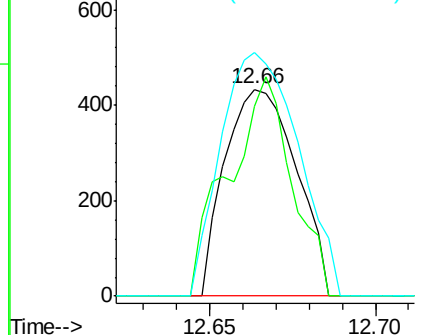


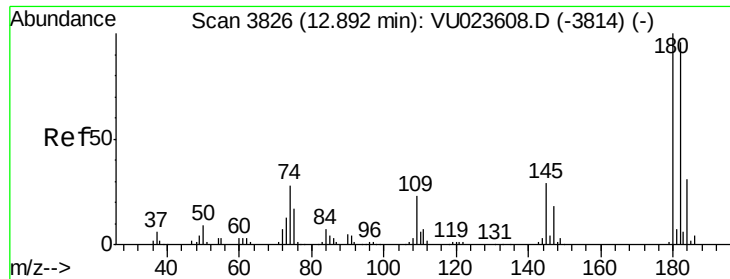
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.49 ug/L
 RT: 12.66 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion: 75 Resp: 649
 Ion Ratio Lower Upper
 75 100
 155 91.7 60.6 90.8#
 157 117.8 87.7 131.5



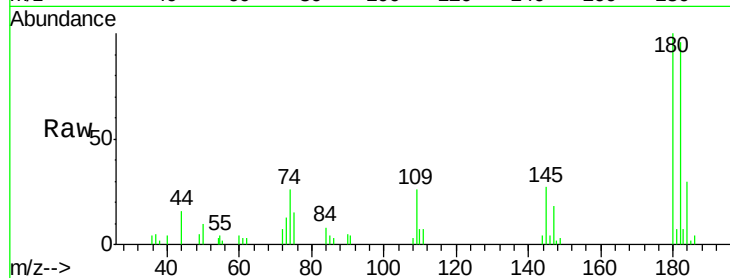
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V



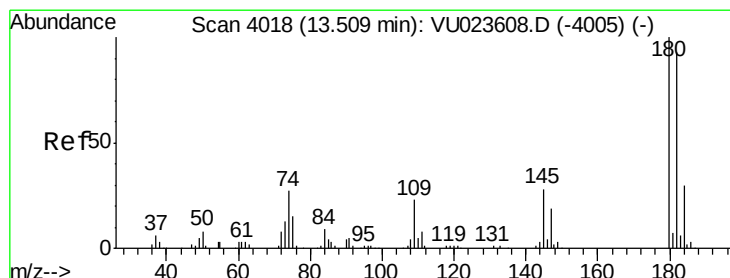
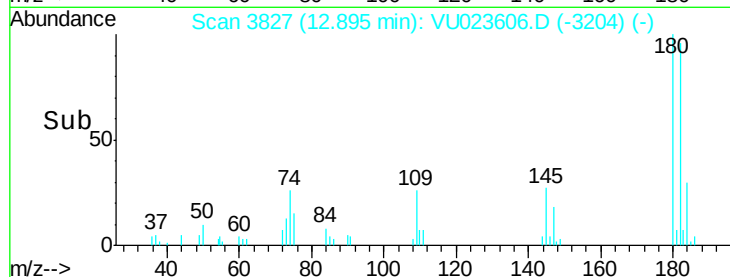
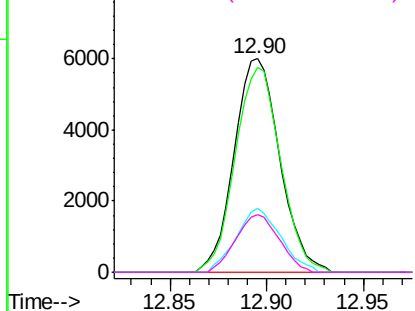


#67
 1,3,5-Trichlorobenzene
 Concen: 0.50 ug/L
 RT: 12.90 min Scan# 3827
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:	180	Resp:	9845
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
184	29.1	24.4	36.6
145	25.6	22.8	34.2

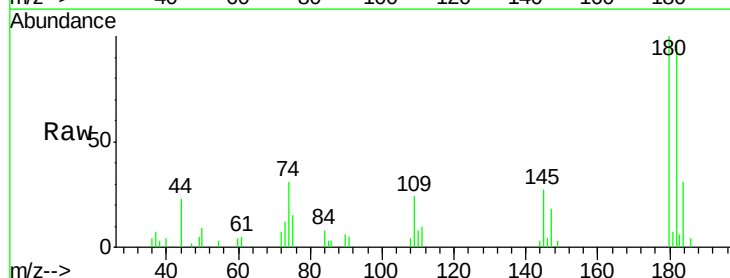


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

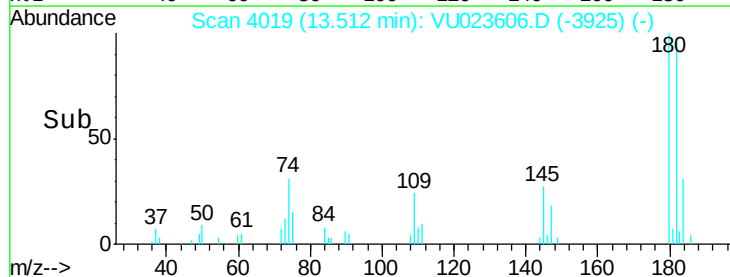
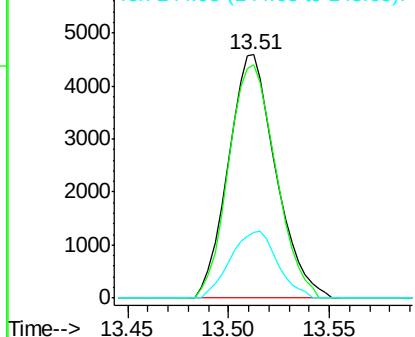


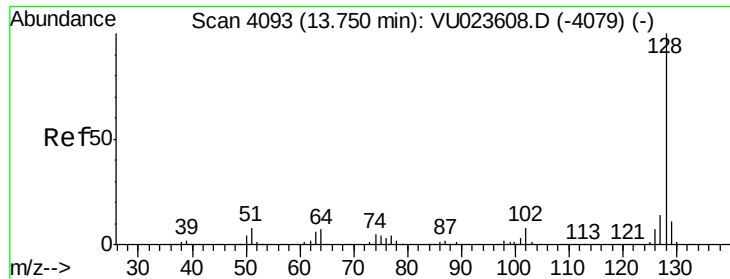
#68
 1,2,4-trichlorobenzene
 Concen: 0.46 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.00 min
 Lab File: VU023606.D
 Acq: 03 May 2018 17:12

Tgt Ion:	180	Resp:	7538
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.7	113.5
145	27.1	22.5	33.7



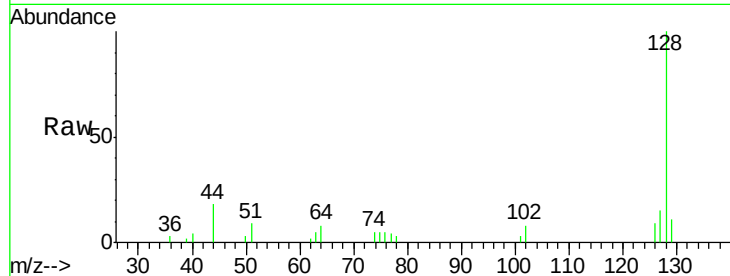
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



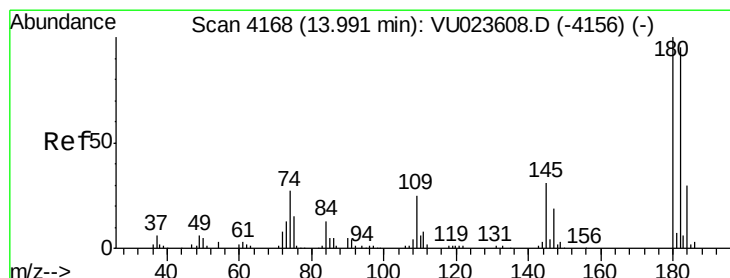
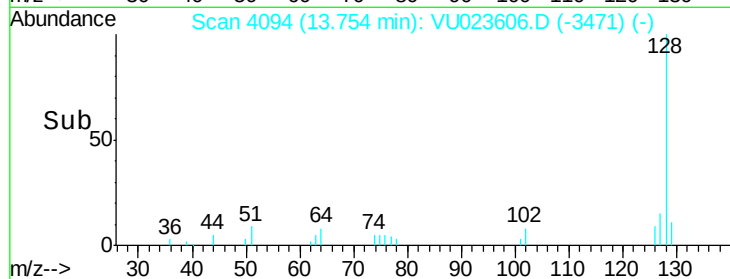
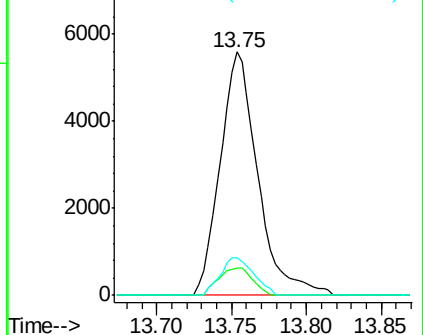


#69
Naphthalene
Concen: 0.38 ug/L
RT: 13.75 min Scan# 4094
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:128 Resp: 9793
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.6 10.5 15.7

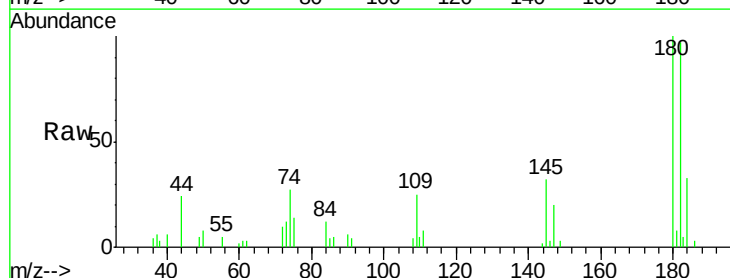


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 0.44 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU023606.D
Acq: 03 May 2018 17:12

Tgt Ion:180 Resp: 6882
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 31.8 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

