

Data File : VU023607.D
Acq On : 03 May 2018 17:39
Operator : MD/SY
Sample : VSTD00141
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 04 01:31:47 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	162986	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158698	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	78500	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12773	1.05	ug/L	0.00
7) Chloroethane-d5	1.68	69	9133	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	22158	1.06	ug/L	0.00
20) 2-Butanone-d5	4.21	46	34691	14.36	ug/L	0.00
24) Chloroform-d	4.65	84	22558	1.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	12126	1.21	ug/L	0.00
32) Benzene-d6	5.34	84	43146	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	14629	1.07	ug/L	0.00
41) Toluene-d8	7.57	98	39598	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	5008	1.07	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	24162	10.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	11720	1.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	15503	1.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16662	1.18	ug/L	98
3) Chloromethane	1.33	50	17318	1.21	ug/L	96
5) Vinyl chloride	1.40	62	15795	1.07	ug/L	# 80
6) Bromomethane	1.63	94	8522	1.05	ug/L	100
8) Chloroethane	1.70	64	9898	1.17	ug/L	86
9) Trichlorofluoromethane	1.89	101	17769	1.03	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	10709	1.08	ug/L	97
12) 1,1-Dichloroethene	2.28	96	10092	1.02	ug/L	97
13) Acetone	2.34	43	20941	13.34	ug/L	100
14) Carbon disulfide	2.47	76	35652	1.13	ug/L	99
15) Methyl Acetate	2.63	43	5858	1.29	ug/L	98
16) Methylene chloride	2.70	84	12060	1.09	ug/L	89
17) Methyl tert-butyl Ether	3.01	73	25723	1.10	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	11421	1.08	ug/L	91
19) 1,1-Dichloroethane	3.45	63	21037	1.07	ug/L	98
21) 2-Butanone	4.30	43	37001	13.54	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	13183	1.09	ug/L	93
23) Bromochloromethane	4.55	128	5857	1.12	ug/L	97
25) Chloroform	4.68	83	22938	1.14	ug/L	95
27) 1,2-Dichloroethane	5.41	62	14821	1.24	ug/L	# 95
29) 1,1,1-Trichloroethane	4.91	97	17896	1.09	ug/L	99
30) Cyclohexane	4.99	56	19187	1.07	ug/L	97
31) Carbon tetrachloride	5.13	117	14106	0.97	ug/L	95
33) Benzene	5.39	78	49733	1.07	ug/L	100
34) Trichloroethene	6.19	95	13302	1.09	ug/L	98
35) Methylcyclohexane	6.42	83	18865	0.99	ug/L	99
37) 1,2-Dichloropropane	6.44	63	13892	1.15	ug/L	100
38) Bromodichloromethane	6.76	83	15284	1.14	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	15972	1.02	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	78644	11.90	ug/L	99

Data File : VU023607.D
Acq On : 03 May 2018 17:39
Operator : MD/SY
Sample : VSTD00141
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

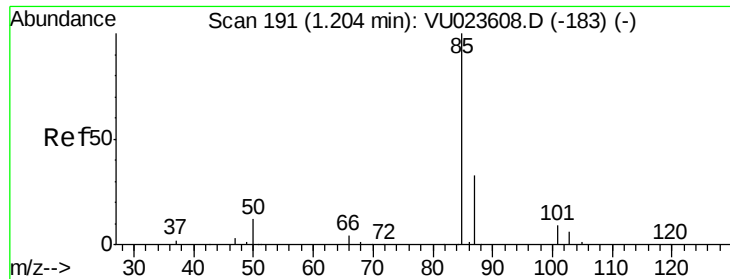
Quant Time: May 04 01:31:47 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	47901	0.98	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	13347	1.12	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	8627	1.05	ug/L	95
47) Tetrachloroethene	8.23	164	10025	0.98	ug/L	96
48) 2-Hexanone	8.37	43	57495	12.21	ug/L	97
49) Dibromochloromethane	8.48	129	9596	1.07	ug/L	92
50) 1,2-Dibromoethane	8.59	107	8128	1.08	ug/L	91
51) Chlorobenzene	9.12	112	33034	1.04	ug/L	100
52) Ethylbenzene	9.26	91	50723	0.98	ug/L	100
53) m,p-xylene	9.38	106	18174	0.93	ug/L	99
54) o-xylene	9.78	106	17032	0.90	ug/L	98
55) Styrene	9.80	104	28622	0.89	ug/L	98
56) Isopropylbenzene	10.17	105	43879	0.89	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	11808	1.16	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	7964	1.10	ug/L	100
61) Bromoform	9.96	173	5737	1.17	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	24311	1.01	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	25495	1.03	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	24428	1.05	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	1737	1.31	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	21121	1.07	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	16802	1.02	ug/L	99
69) Naphthalene	13.75	128	22521	0.87	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	15638	1.01	ug/L	99

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

ALS Vial : 3 Sample Multiplier: 1

Response via : Initial Calibration



#2

Dichlorodifluoromethane

Concen: 1.18 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023607.D

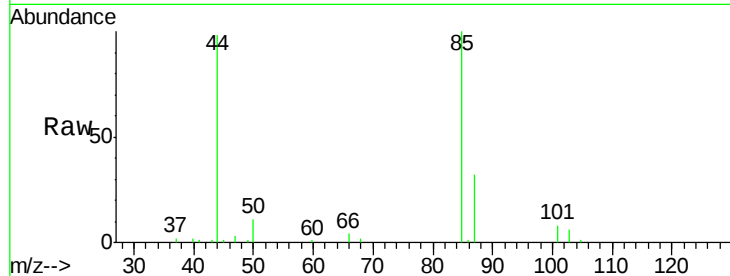
Acq: 03 May 2018 17:39

Tgt Ion: 85 Resp: 16662

Ion Ratio Lower Upper

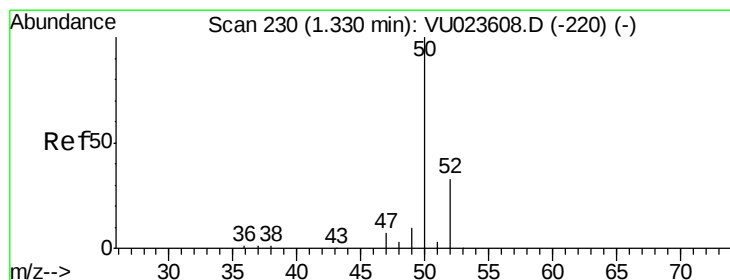
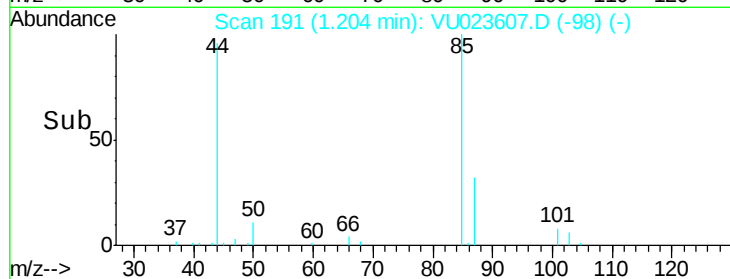
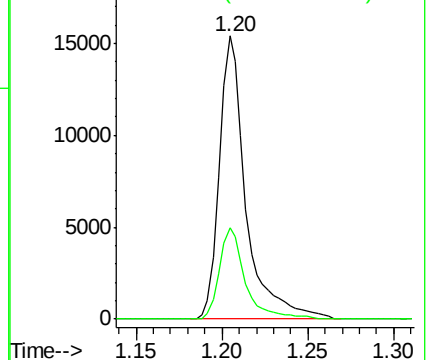
85 100

87 31.4 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: 1.21 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU023607.D

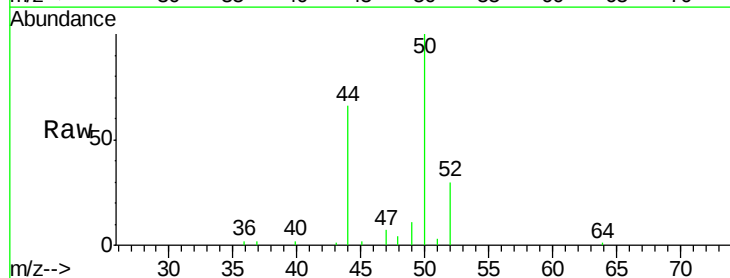
Acq: 03 May 2018 17:39

Tgt Ion: 50 Resp: 17318

Ion Ratio Lower Upper

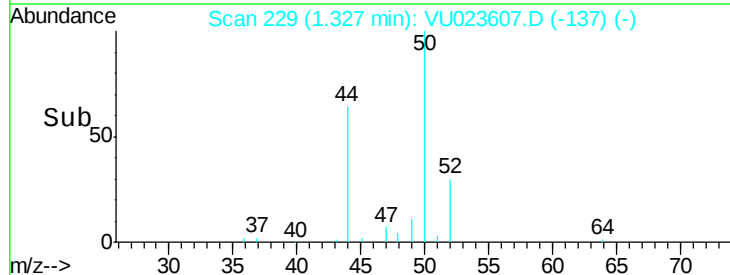
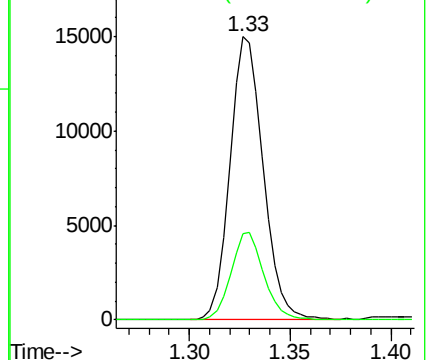
50 100

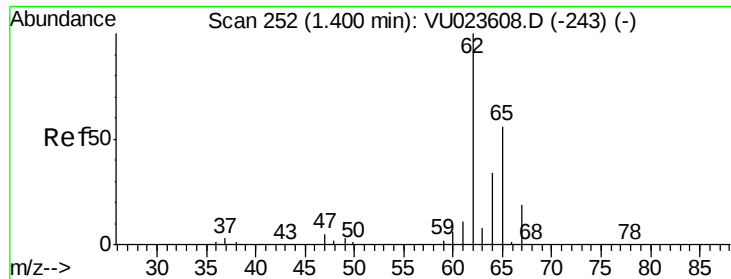
52 30.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 1.07 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU023607.D

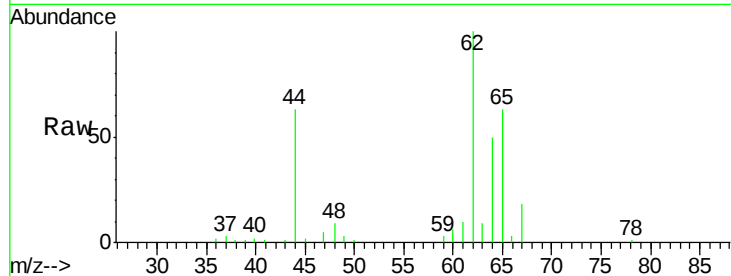
Acq: 03 May 2018 17:39

Tgt Ion: 62 Resp: 15795

Ion Ratio Lower Upper

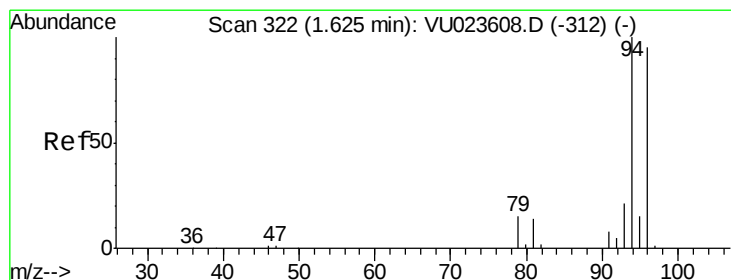
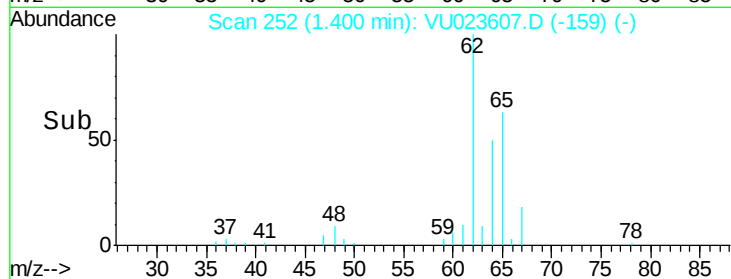
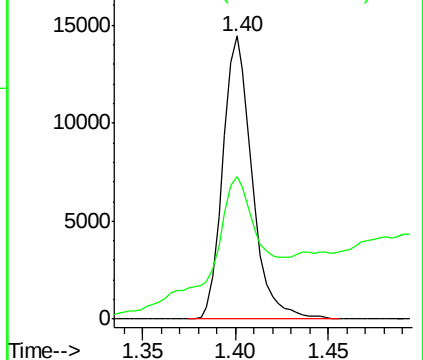
62 100

64 50.5 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 1.05 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU023607.D

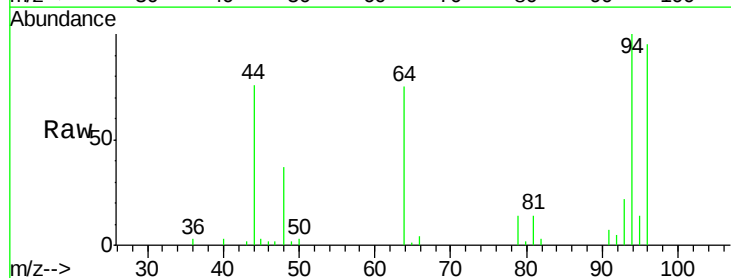
Acq: 03 May 2018 17:39

Tgt Ion: 94 Resp: 8522

Ion Ratio Lower Upper

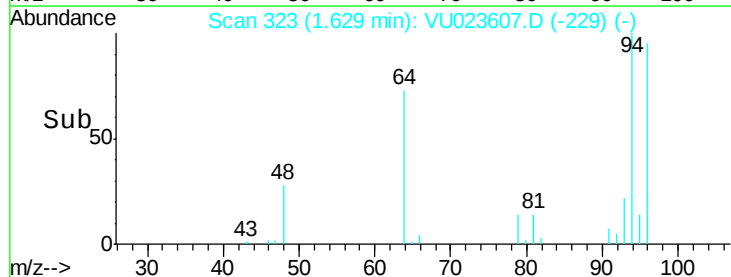
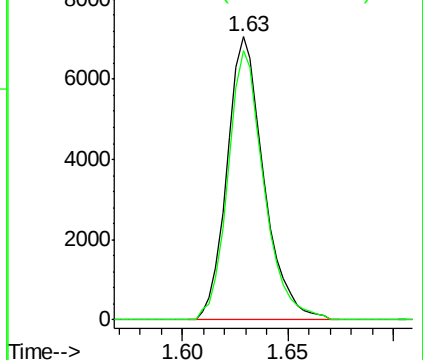
94 100

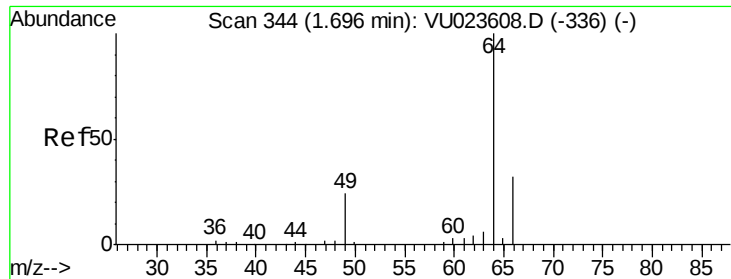
96 95.3 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 1.17 ug/L

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU023607.D

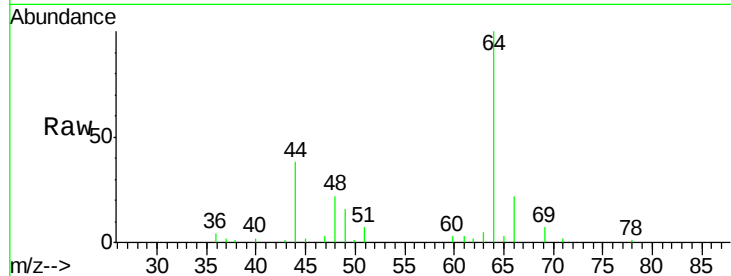
Acq: 03 May 2018 17:39

Tgt Ion: 64 Resp: 9898

Ion Ratio Lower Upper

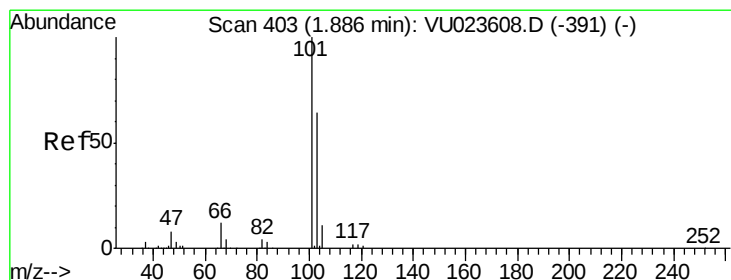
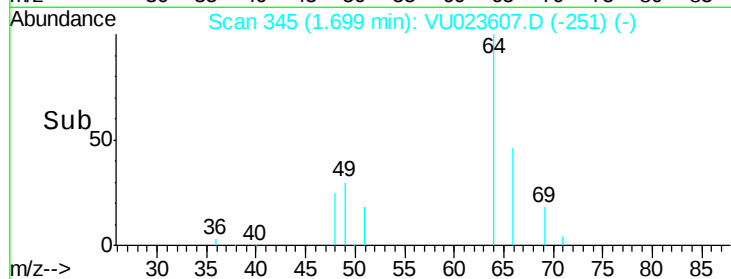
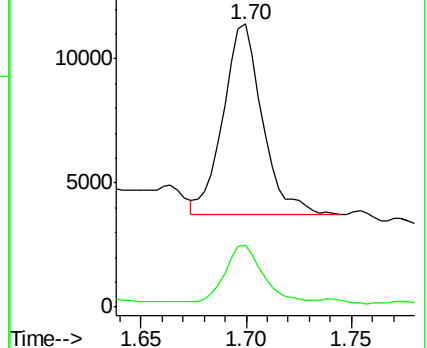
64 100

66 22.0 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#9

Trichlorofluoromethane

Concen: 1.03 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU023607.D

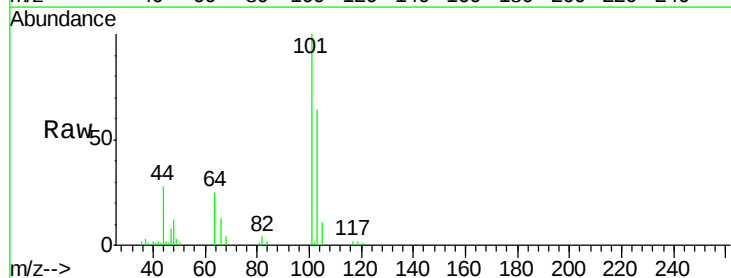
Acq: 03 May 2018 17:39

Tgt Ion: 101 Resp: 17769

Ion Ratio Lower Upper

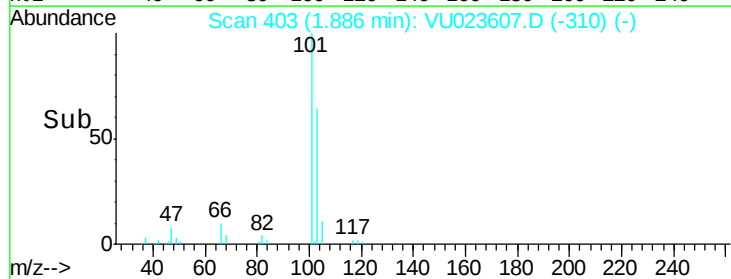
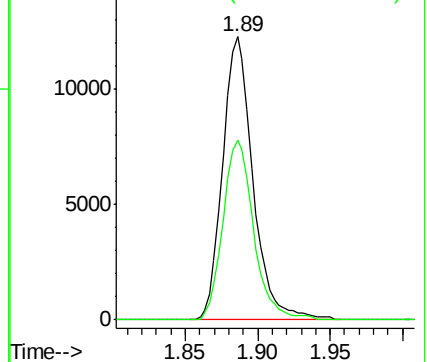
101 100

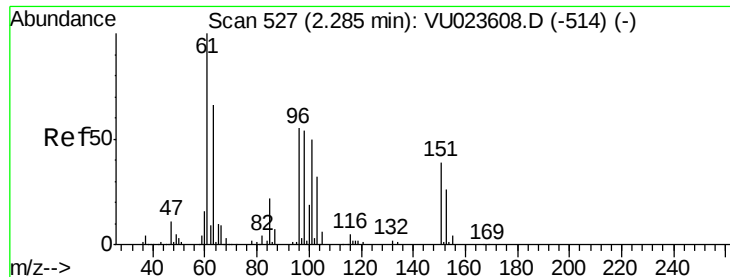
103 63.9 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 1.08 ug/L

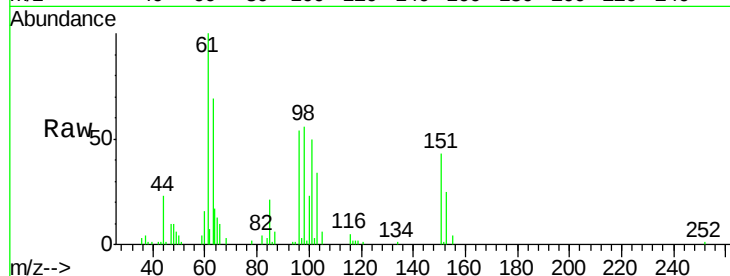
RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

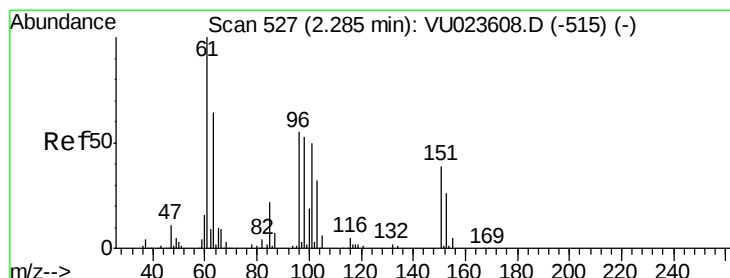
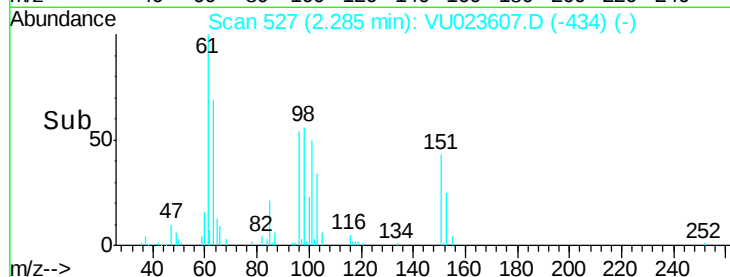
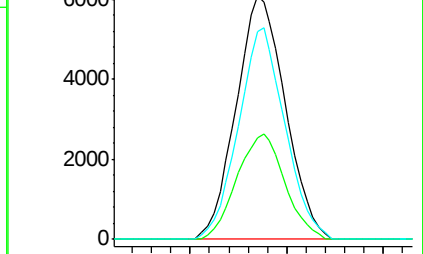
Tgt Ion:	101	Resp:	10709
Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.5	51.7
151	82.3	62.9	94.3



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: 1.02 ug/L

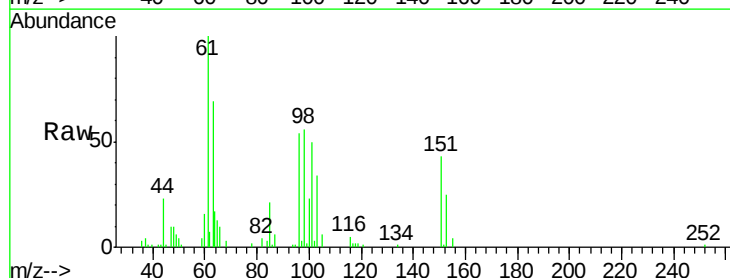
RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

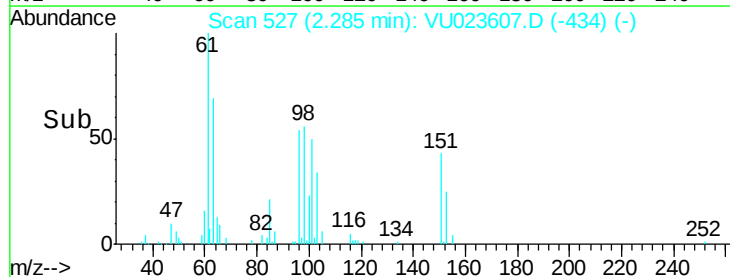
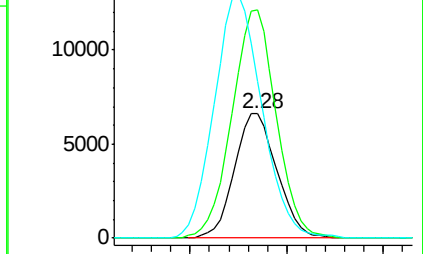
Tgt Ion:	96	Resp:	10092
Ion	Ratio	Lower	Upper
96	100		
61	183.8	127.4	236.6
63	126.1	84.8	157.4

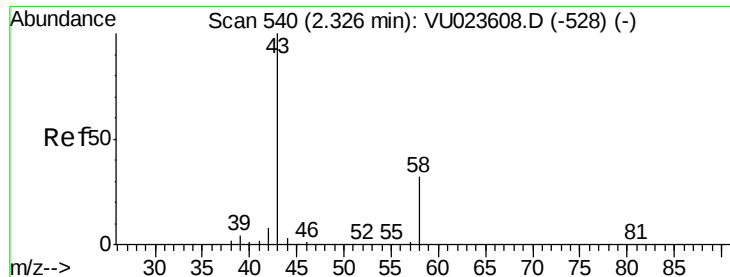


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.34 ug/L

RT: 2.34 min Scan# 544

Delta R.T. 0.01 min

Lab File: VU023607.D

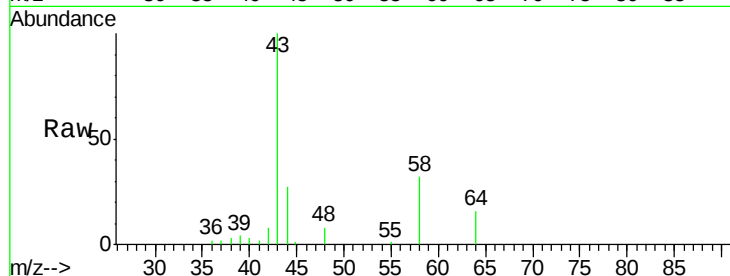
Acq: 03 May 2018 17:39

Tgt Ion: 43 Resp: 20941

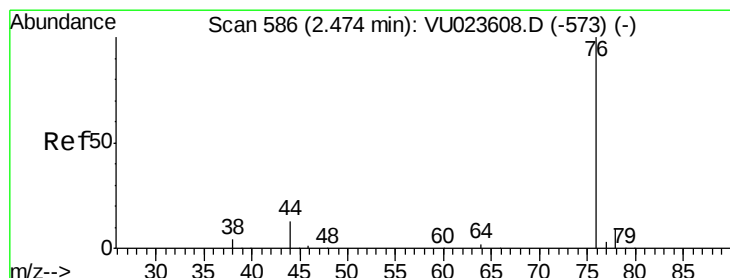
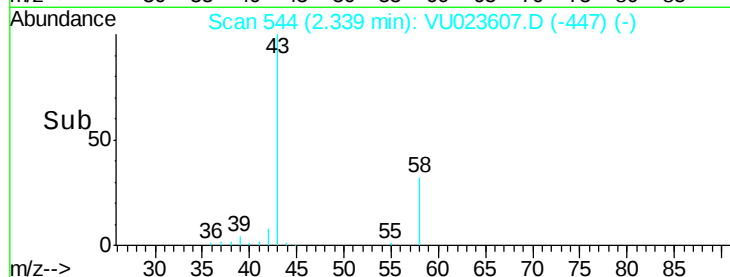
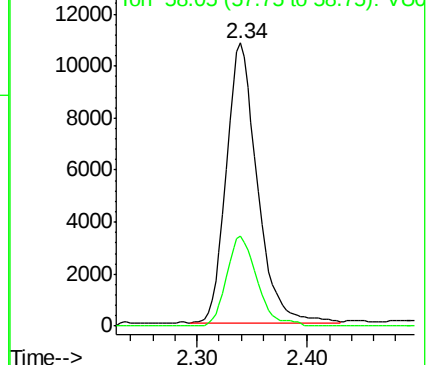
Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU023607.D (-447) (-)



#14

Carbon disulfide

Concen: 1.13 ug/L

RT: 2.47 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU023607.D

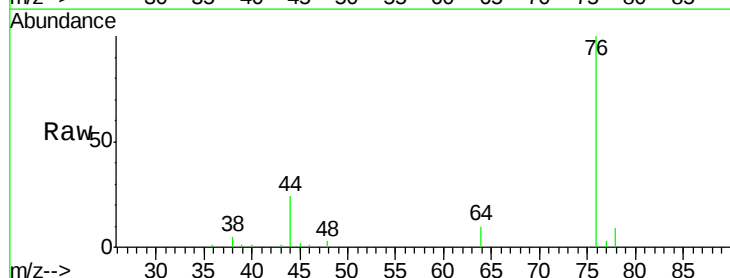
Acq: 03 May 2018 17:39

Tgt Ion: 76 Resp: 35652

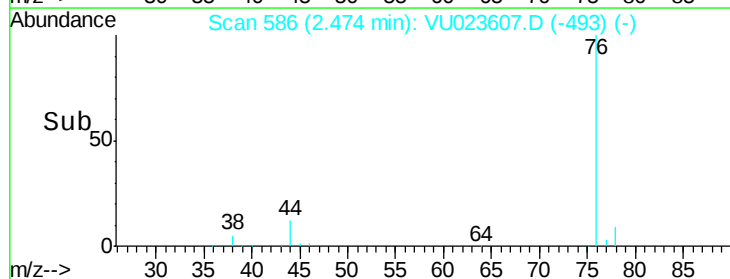
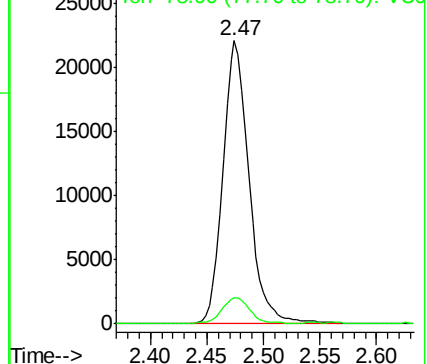
Ion Ratio Lower Upper

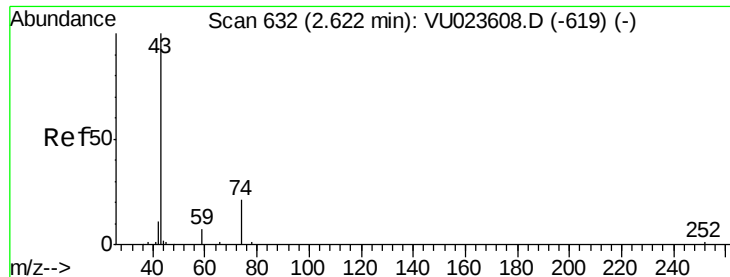
76 100

78 9.2 7.5 11.3



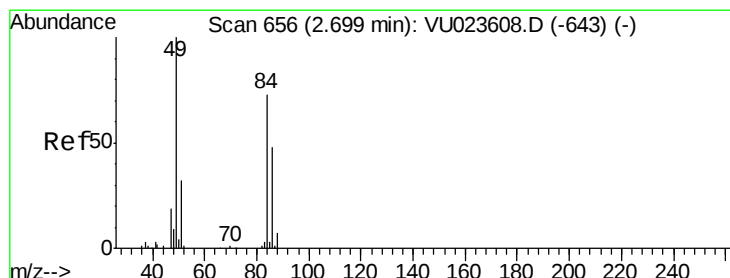
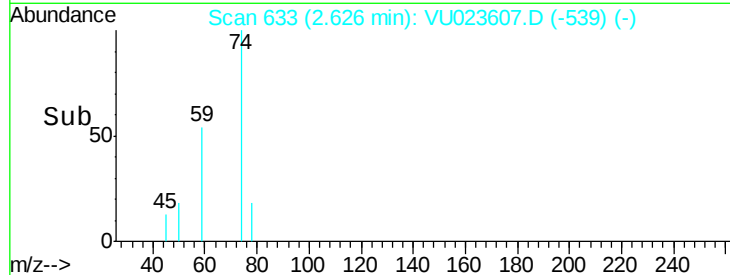
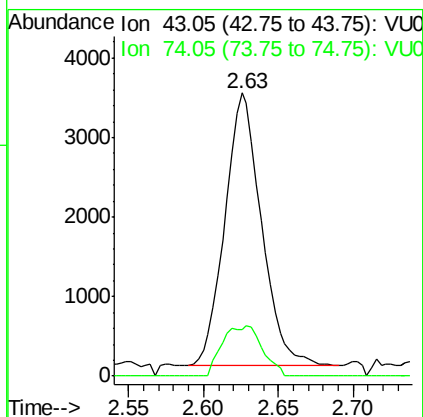
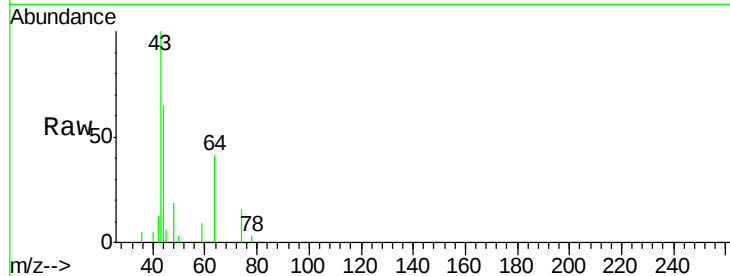
Abundance Ion 76.05 (75.75 to 76.75): VU023607.D (-493) (-)





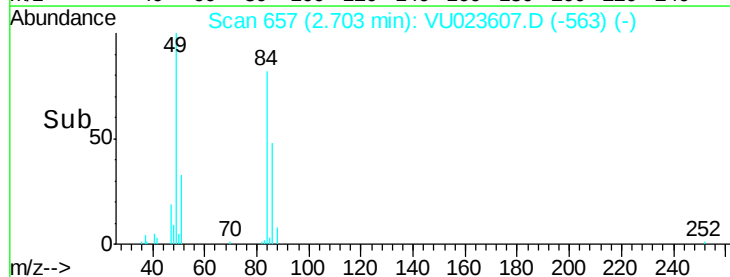
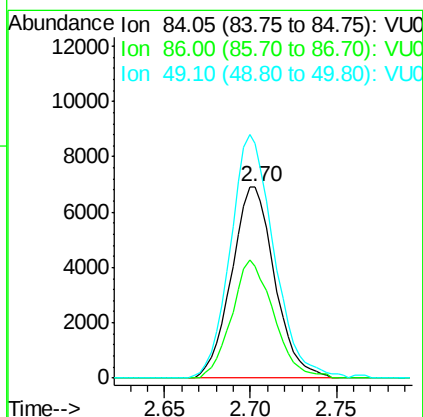
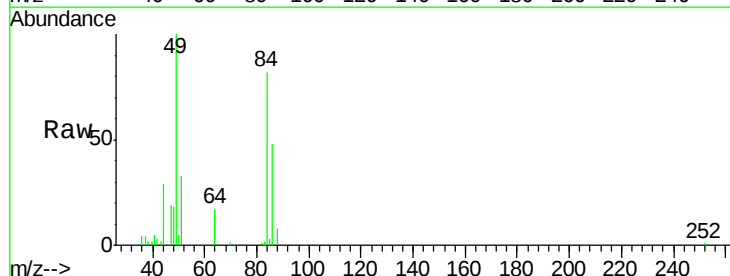
#15
Methyl Acetate
Concen: 1.29 ug/L
RT: 2.63 min Scan# 633
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

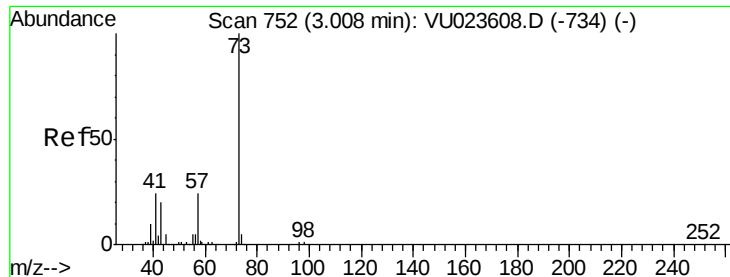
Tgt Ion: 43 Resp: 5858
Ion Ratio Lower Upper
43 100
74 20.0 16.6 24.8



#16
Methylene chloride
Concen: 1.09 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion: 84 Resp: 12060
Ion Ratio Lower Upper
84 100
86 58.2 46.0 85.4
49 122.3 96.0 178.4





#17

Methyl tert-butyl Ether

Concen: 1.10 ug/L

RT: 3.01 min Scan# 752

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

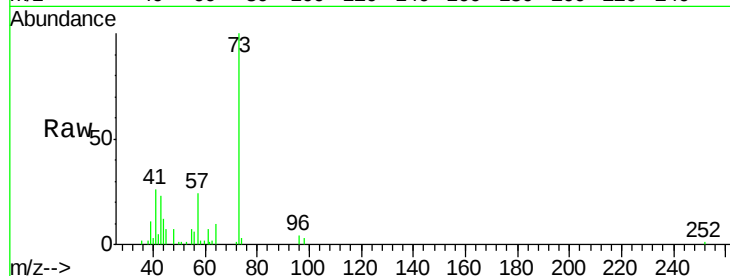
Tgt Ion: 73 Resp: 25723

Ion Ratio Lower Upper

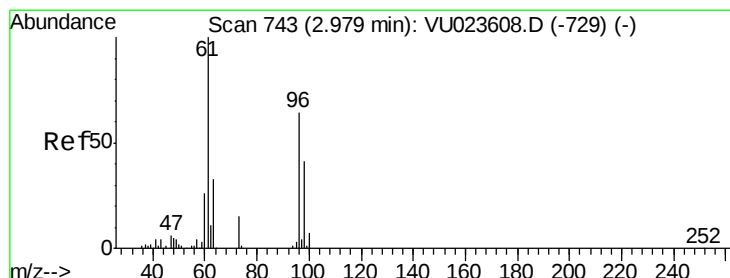
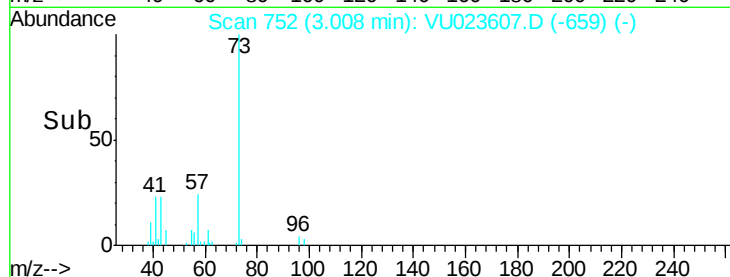
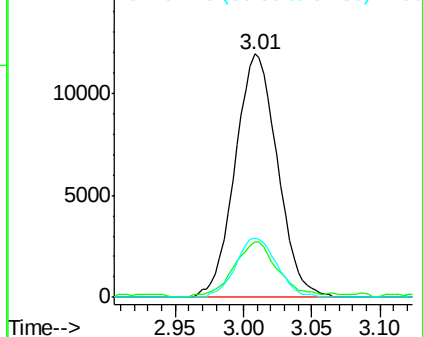
73 100

43 23.8 16.6 25.0

57 23.6 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: 1.08 ug/L

RT: 2.98 min Scan# 743

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

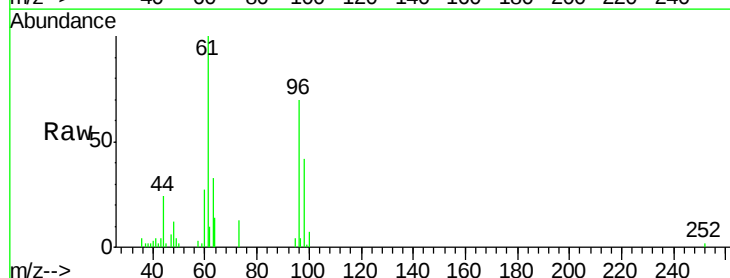
Tgt Ion: 96 Resp: 11421

Ion Ratio Lower Upper

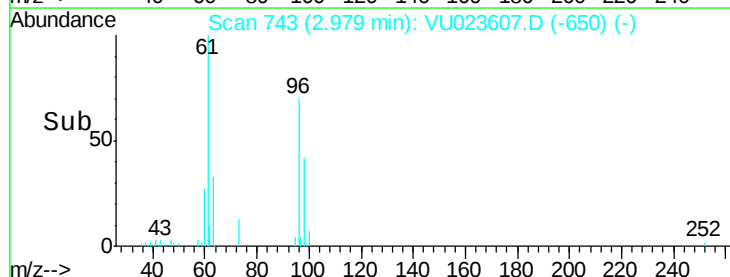
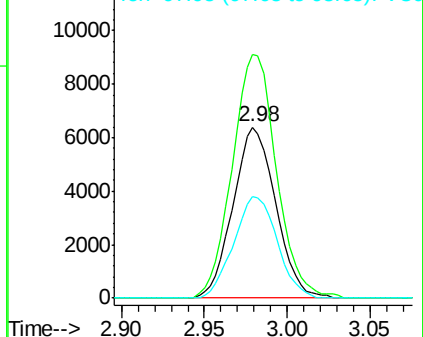
96 100

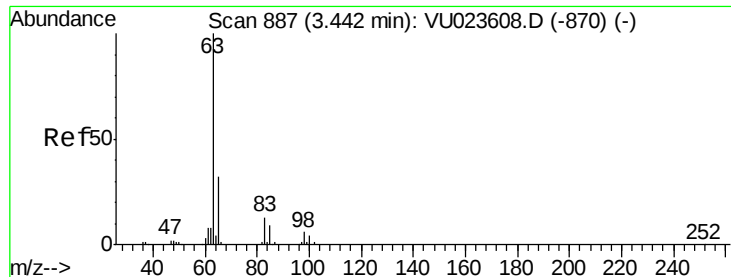
61 142.5 109.0 202.4

98 59.3 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: 1.07 ug/L

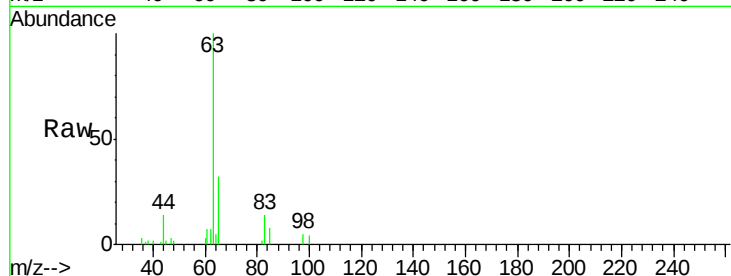
RT: 3.45 min Scan# 888

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

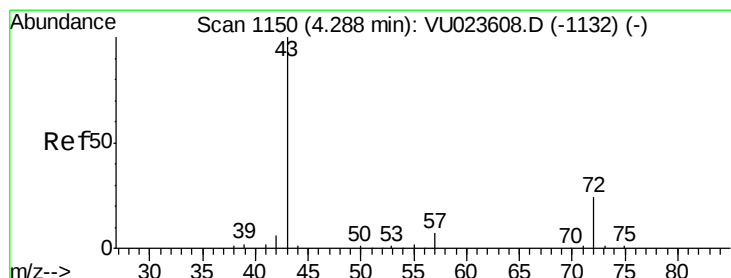
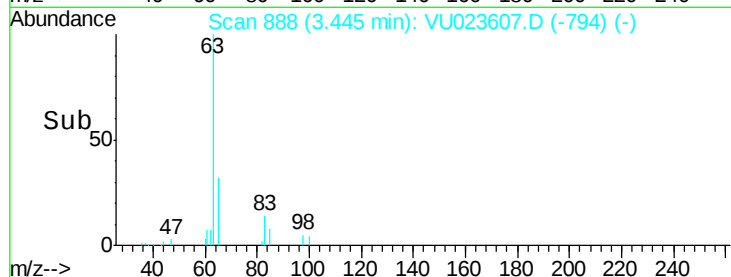
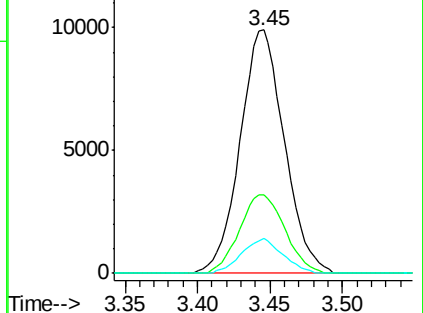
Tgt Ion:	63	Resp:	21037
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	41.0
83	14.2	8.8	16.4



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: 13.54 ug/L

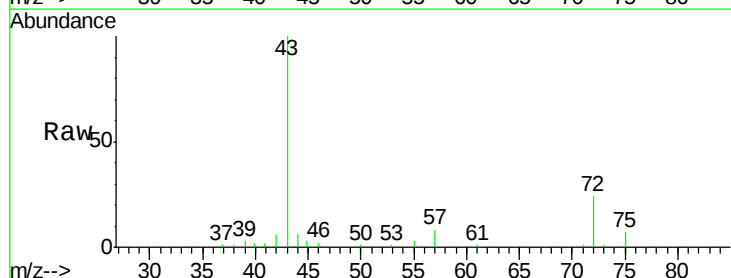
RT: 4.30 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VU023607.D

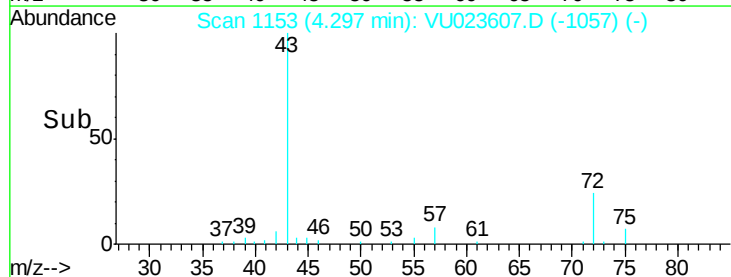
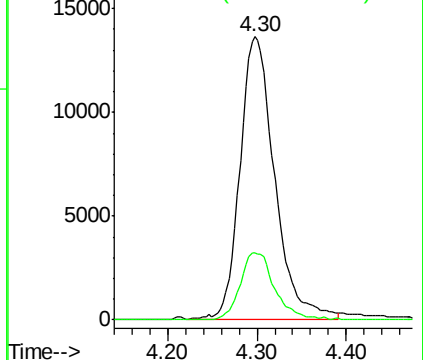
Acq: 03 May 2018 17:39

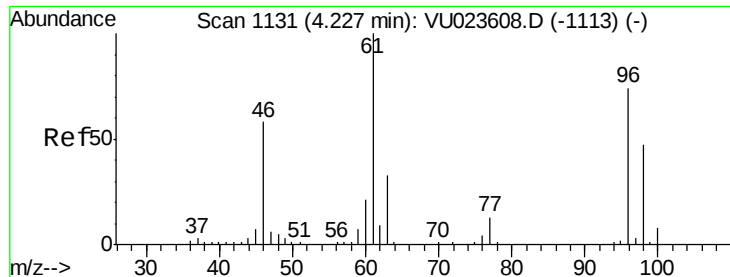
Tgt Ion:	43	Resp:	37001
Ion	Ratio	Lower	Upper
43	100		
72	23.5	12.3	36.8



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: 1.09 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

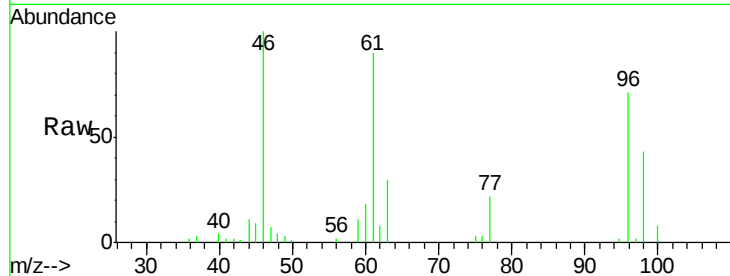
Tgt Ion: 96 Resp: 13183

Ion Ratio Lower Upper

96 100

61 126.3 94.6 175.6

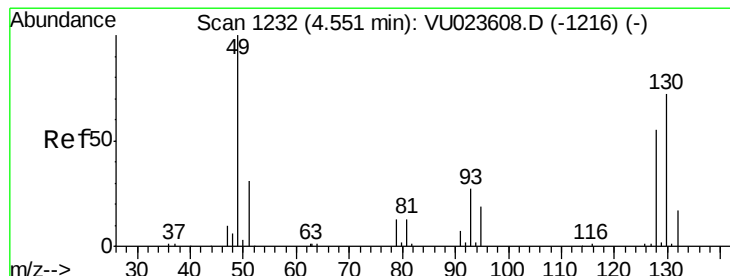
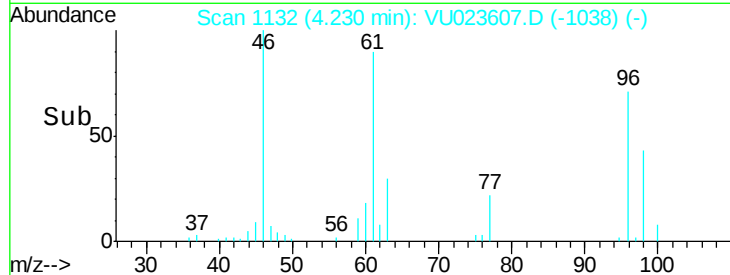
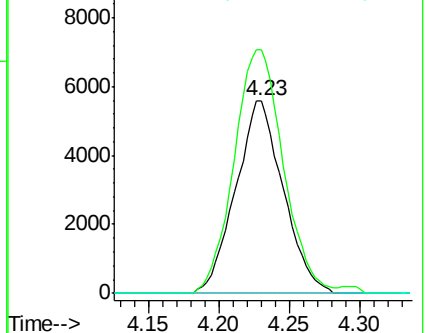
68 0.0 0.0 0.0



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: 1.12 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

Tgt Ion: 128 Resp: 5857

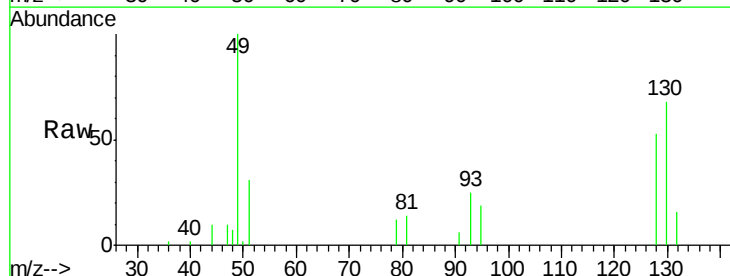
Ion Ratio Lower Upper

128 100

49 188.0 126.5 234.9

130 127.8 90.4 168.0

51 57.9 44.6 66.8

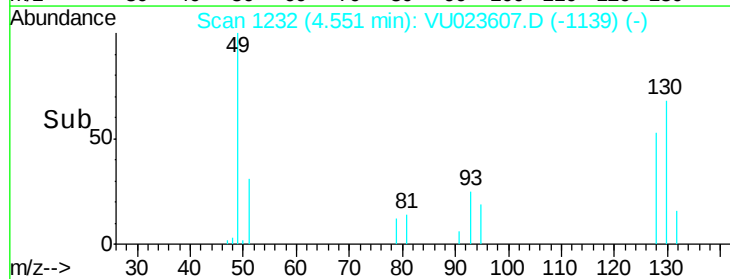
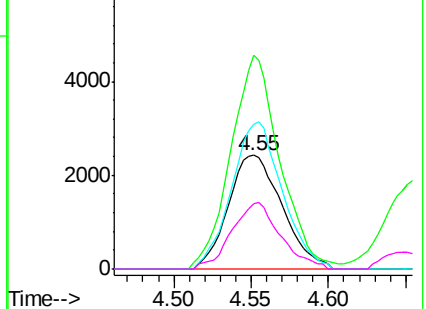


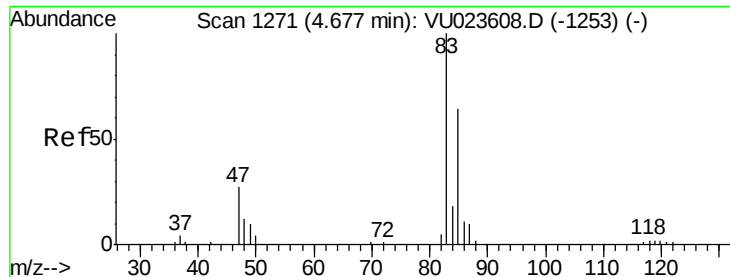
Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

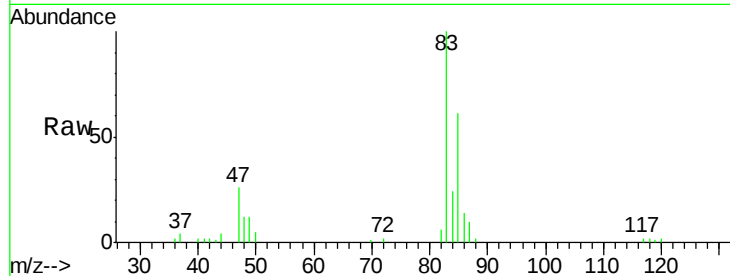
Ion 51.05 (50.75 to 51.75): VU0



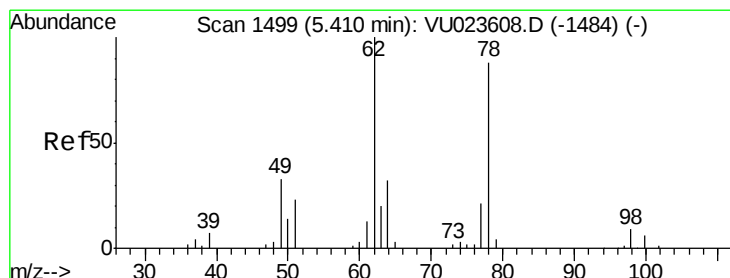
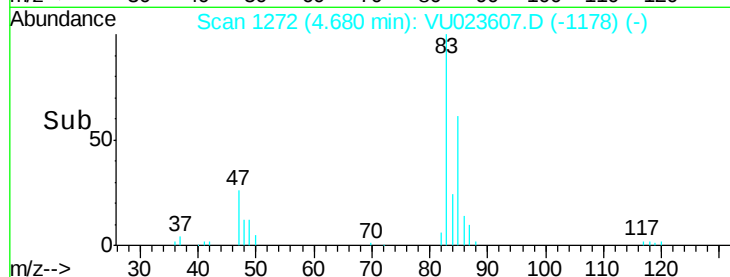
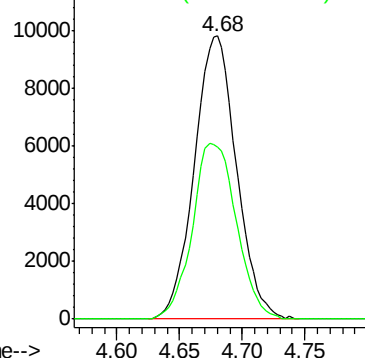


#25
Chloroform
Concen: 1.14 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion: 83 Resp: 22938
Ion Ratio Lower Upper
83 100
85 61.0 45.2 84.0

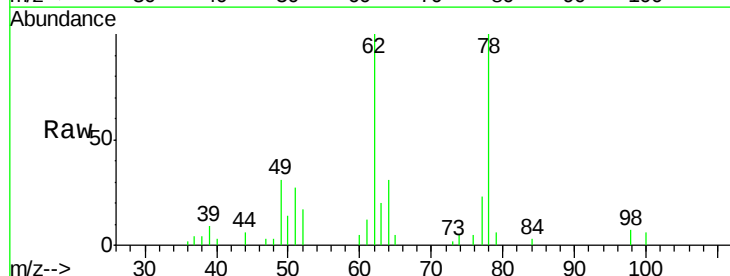


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

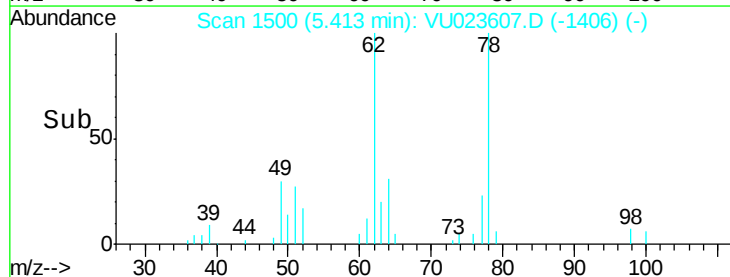
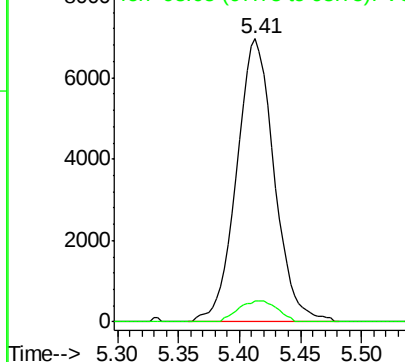


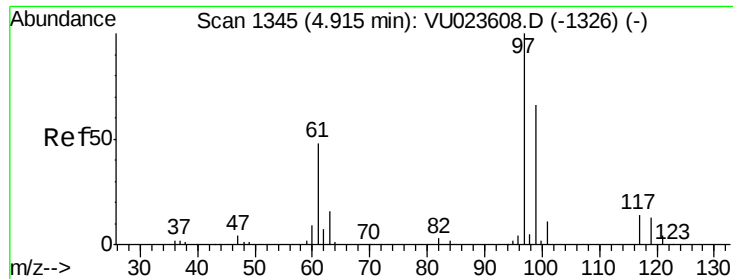
#27
1,2-Dichloroethane
Concen: 1.24 ug/L
RT: 5.41 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion: 62 Resp: 14821
Ion Ratio Lower Upper
62 100
98 7.3 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: 1.09 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

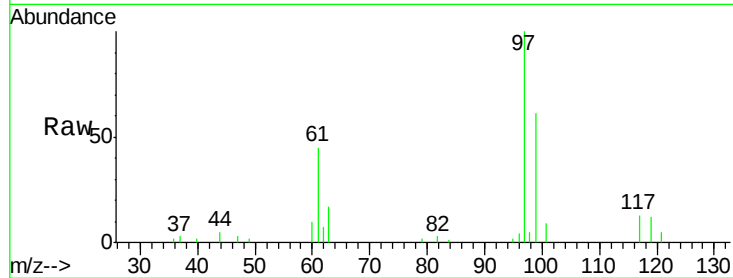
Tgt Ion: 97 Resp: 17896

Ion Ratio Lower Upper

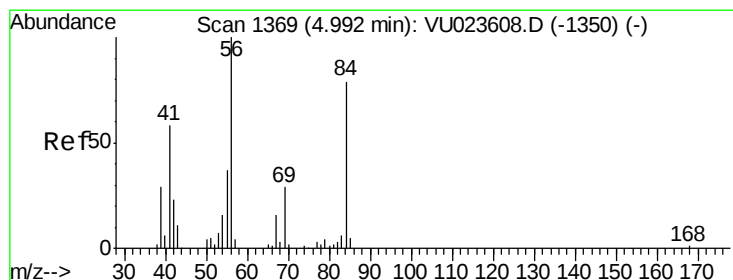
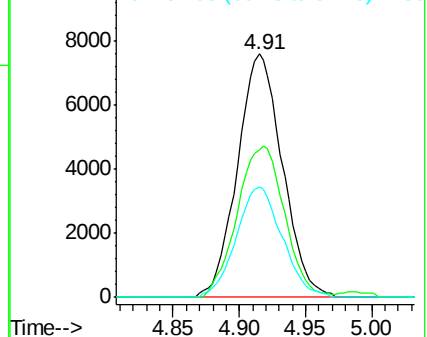
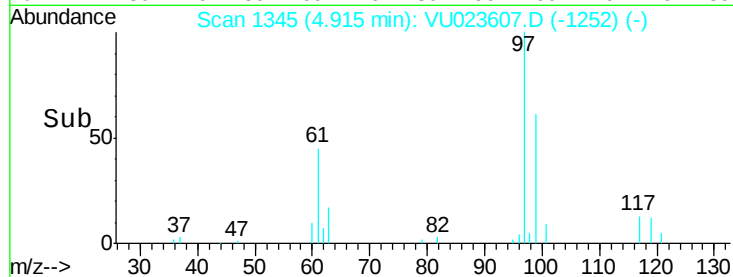
97 100

99 65.6 52.2 78.2

61 46.3 37.8 56.6



Abundance Ion 96.95 (96.65 to 97.65): VU023607.D (-1252) (-)



#30

Cyclohexane

Concen: 1.07 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

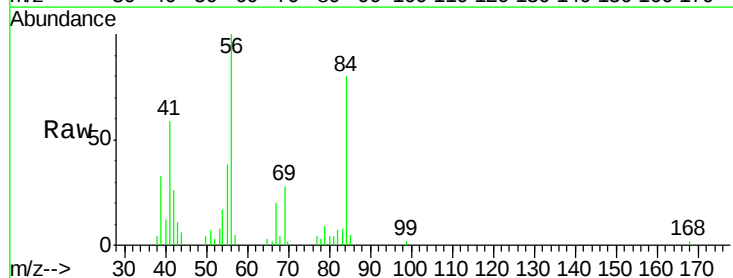
Tgt Ion: 56 Resp: 19187

Ion Ratio Lower Upper

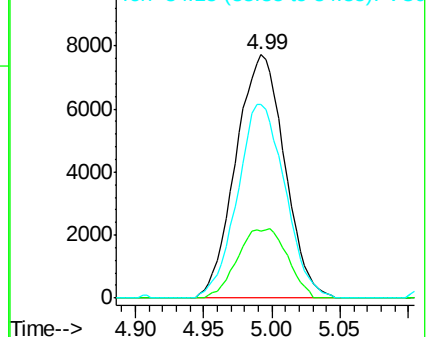
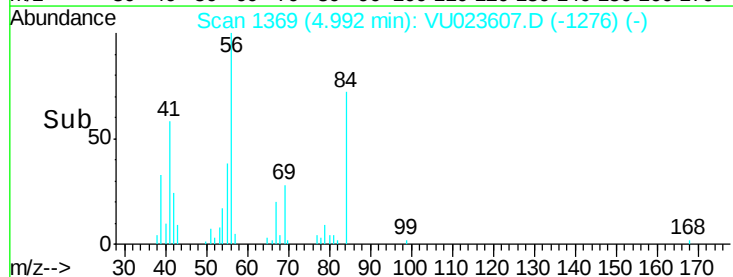
56 100

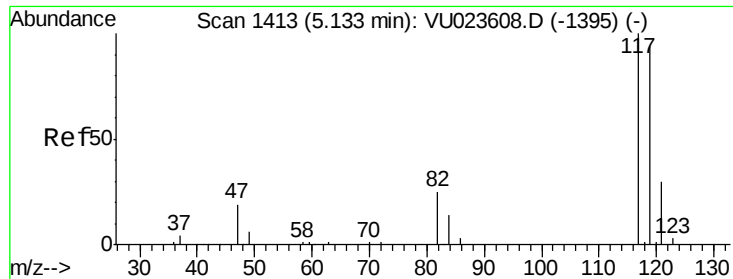
69 29.0 23.6 35.4

84 77.6 64.4 96.6



Abundance Ion 56.10 (55.80 to 56.80): VU023607.D (-1276) (-)





#31

Carbon tetrachloride

Concen: 0.97 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023607.D

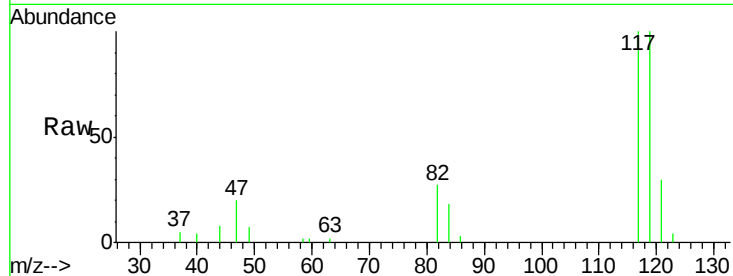
Acq: 03 May 2018 17:39

Tgt Ion: 117 Resp: 14106

Ion Ratio Lower Upper

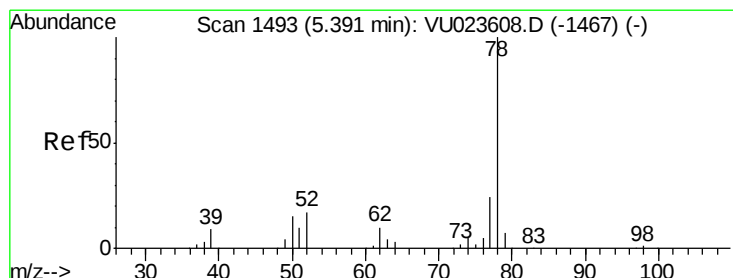
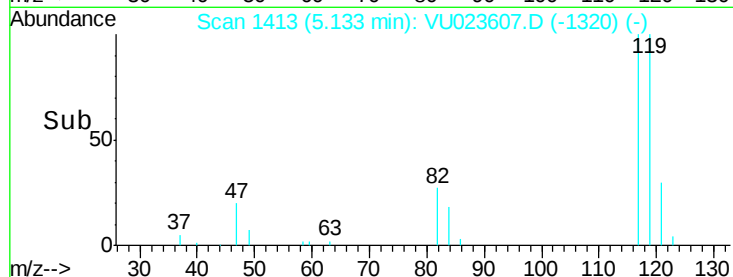
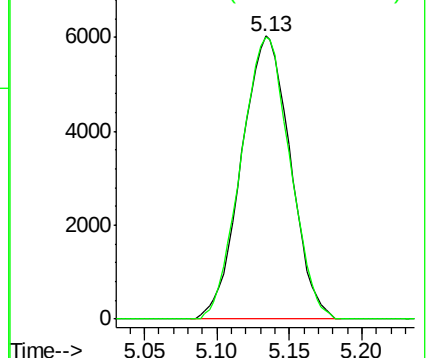
117 100

119 100.1 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: 1.07 ug/L

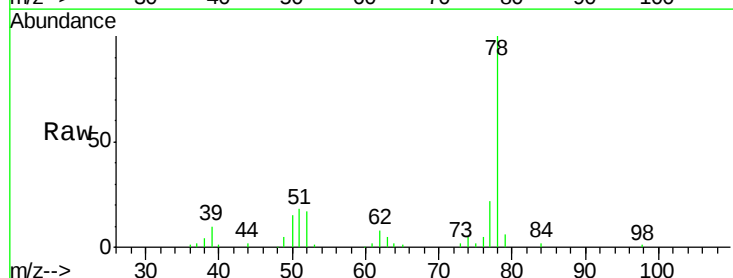
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

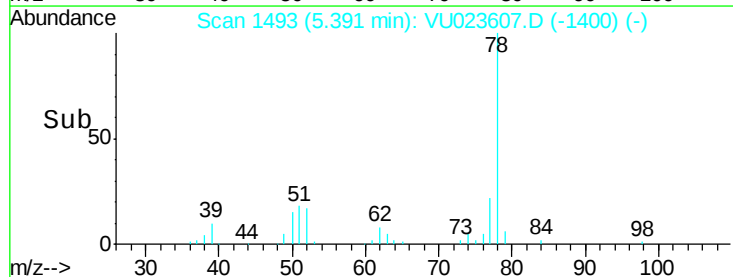
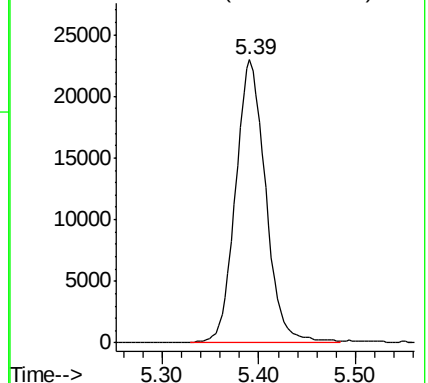
Lab File: VU023607.D

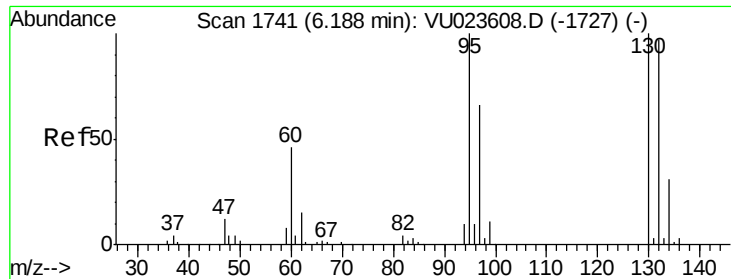
Acq: 03 May 2018 17:39

Tgt Ion: 78 Resp: 49733



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 1.09 ug/L

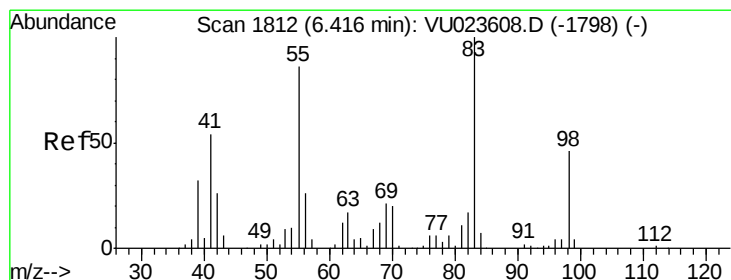
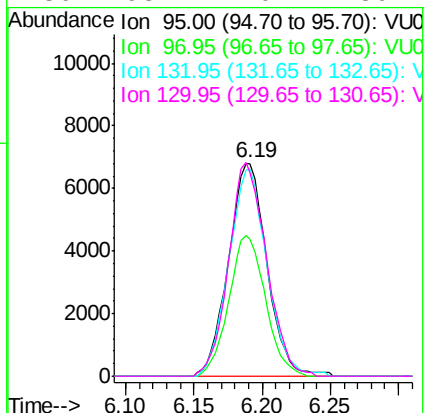
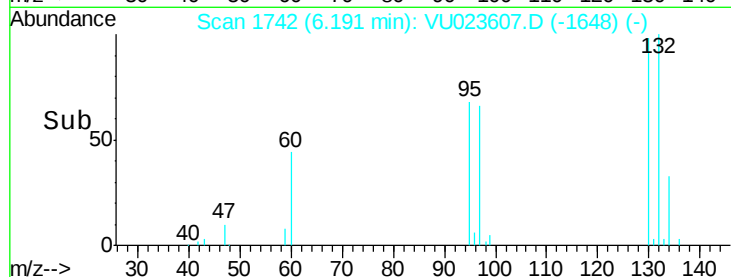
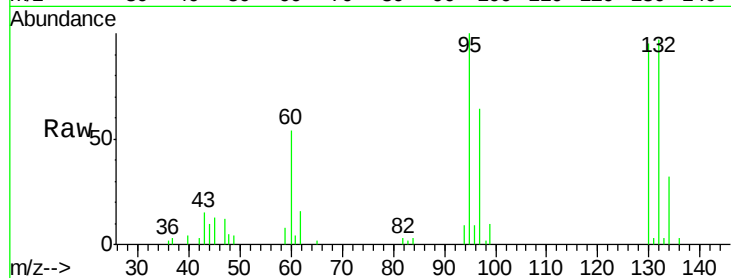
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

Tgt Ion:	95	Resp:	13302
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.0	85.4
132	97.3	68.1	126.5
130	95.4	70.1	130.1



#35

Methylcyclohexane

Concen: 0.99 ug/L

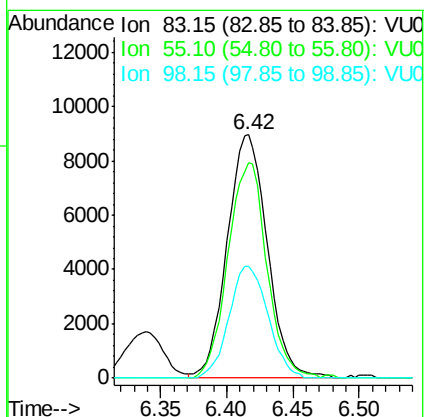
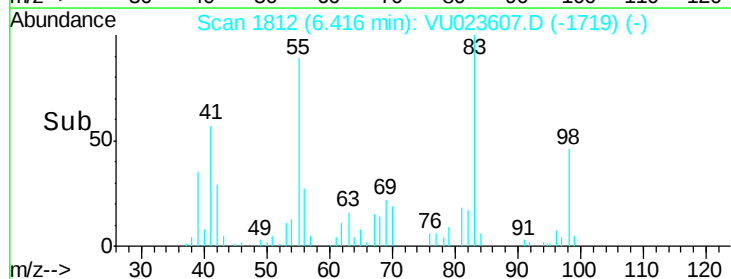
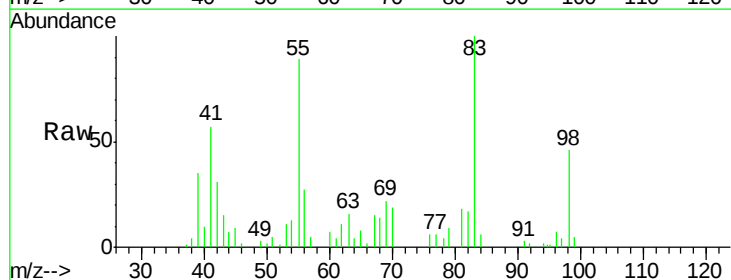
RT: 6.42 min Scan# 1812

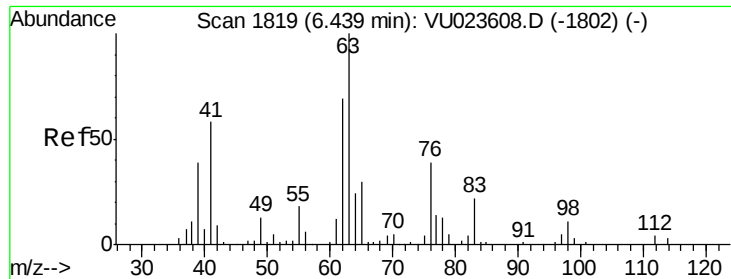
Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

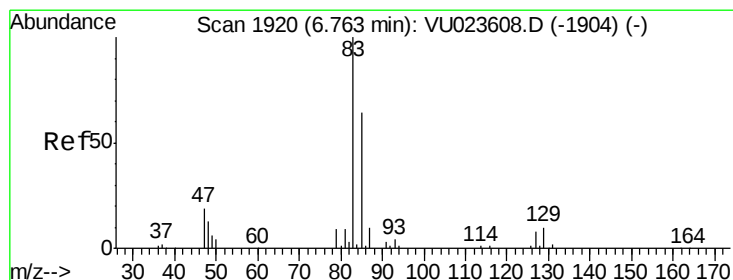
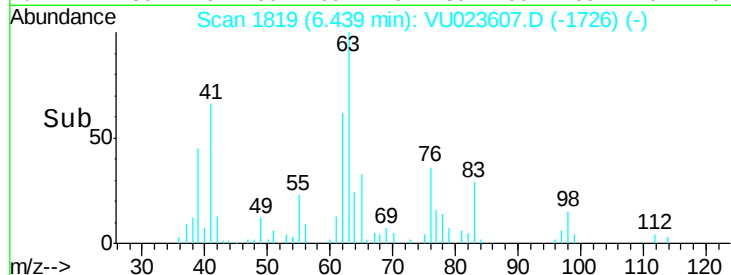
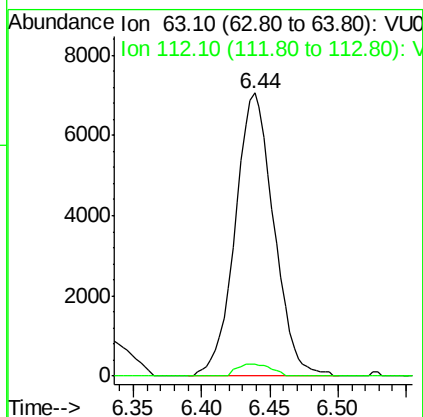
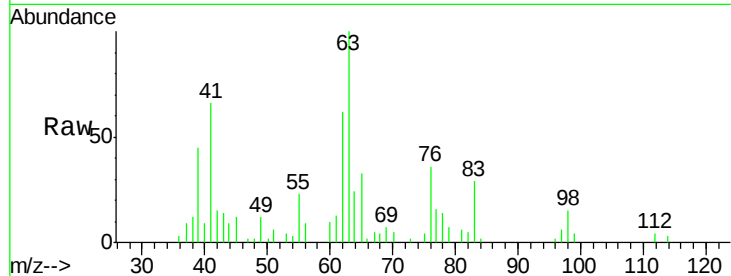
Tgt Ion:	83	Resp:	18865
Ion	Ratio	Lower	Upper
83	100		
55	85.9	68.4	102.6
98	44.7	36.7	55.1





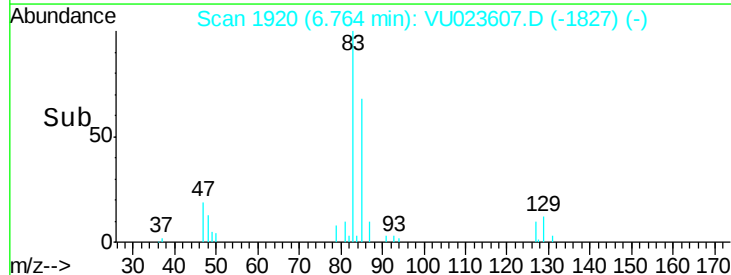
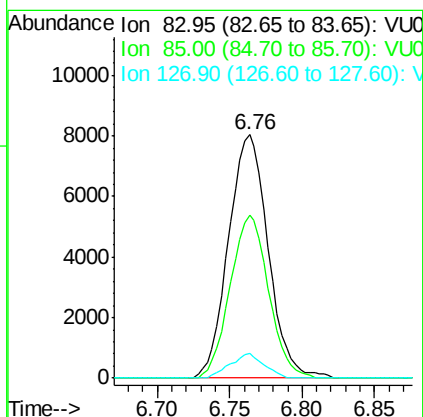
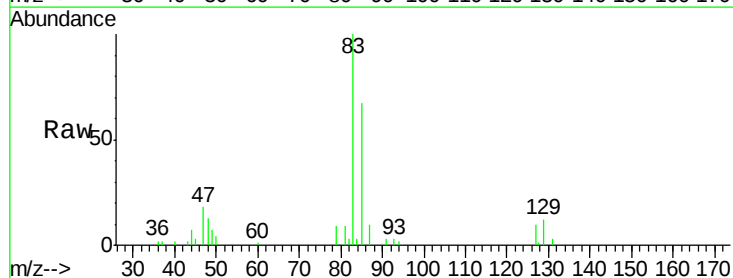
#37
 1,2-Dichloropropane
 Concen: 1.15 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

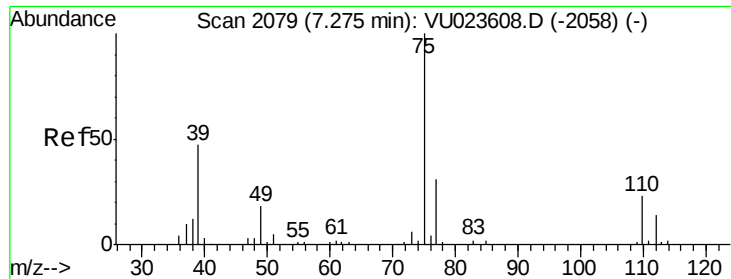
Tgt Ion: 63 Resp: 13892
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.4



#38
 Bromodichloromethane
 Concen: 1.14 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

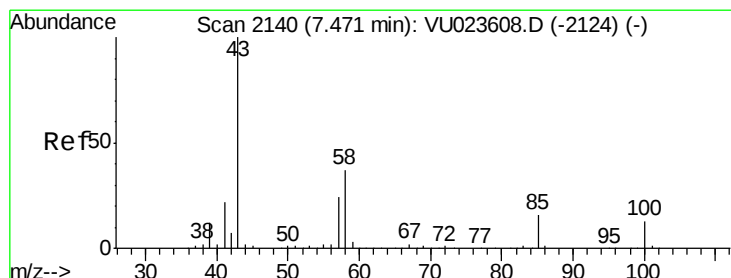
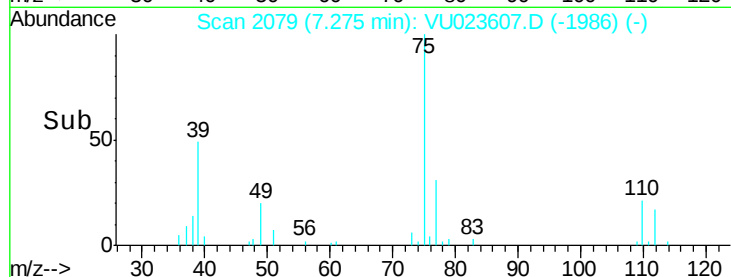
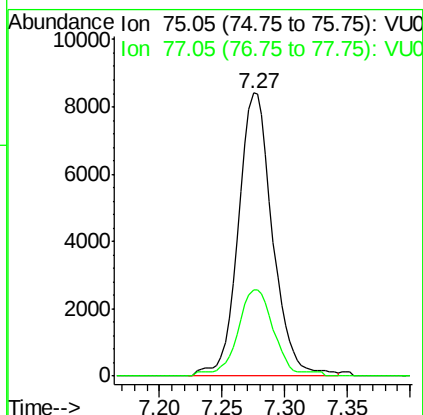
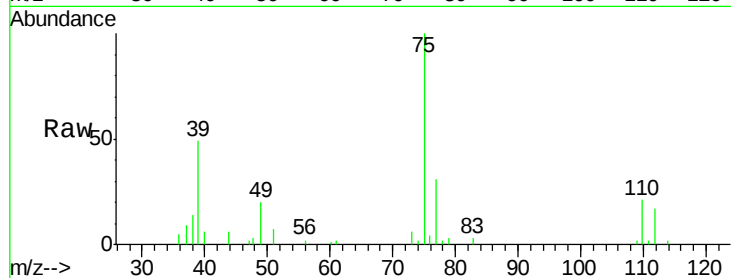
Tgt Ion: 83 Resp: 15284
 Ion Ratio Lower Upper
 83 100
 85 67.1 45.1 83.7
 127 9.9 6.7 10.1





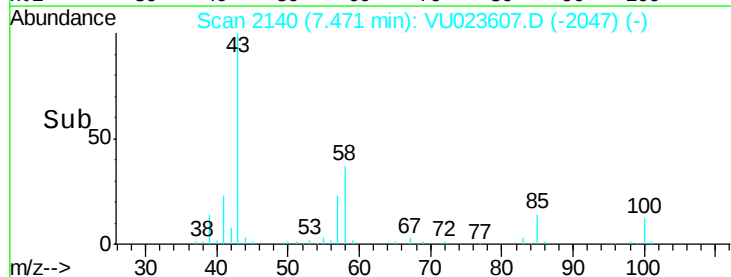
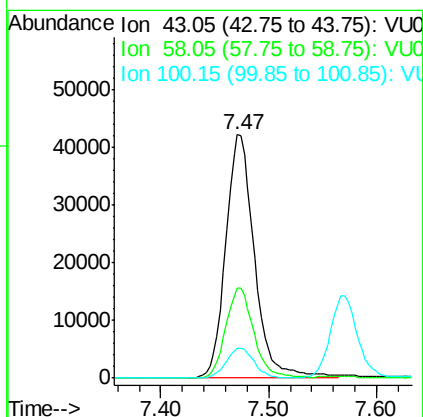
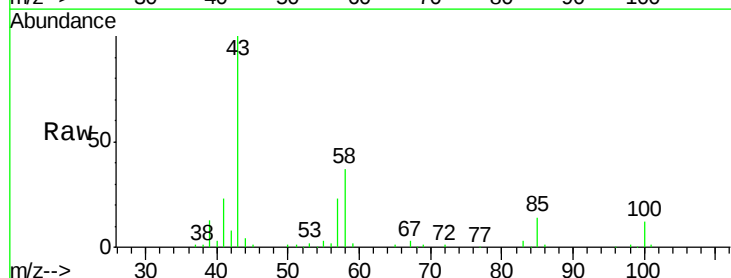
#39
 cis-1,3-Dichloropropene
 Concen: 1.02 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

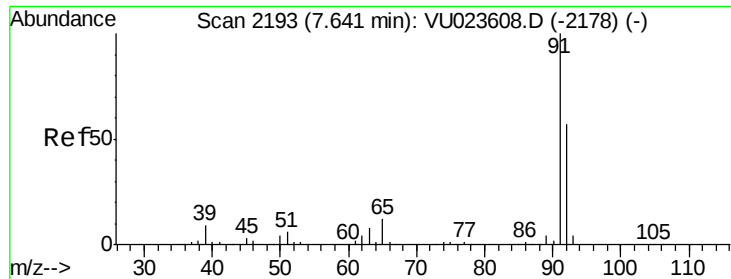
Tgt Ion: 75 Resp: 15972
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 11.90 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion: 43 Resp: 78644
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.7 44.5
 100 12.1 10.1 15.1





#42

Toluene

Concen: 0.98 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023607.D

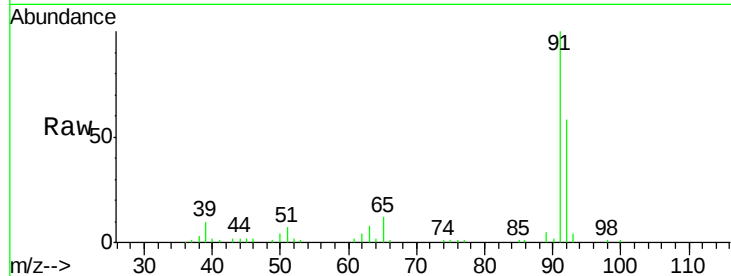
Acq: 03 May 2018 17:39

Tgt Ion: 91 Resp: 47901

Ion Ratio Lower Upper

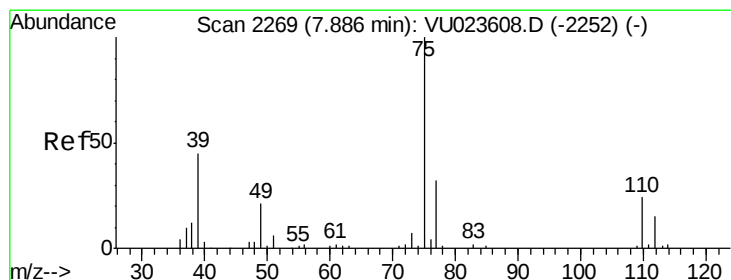
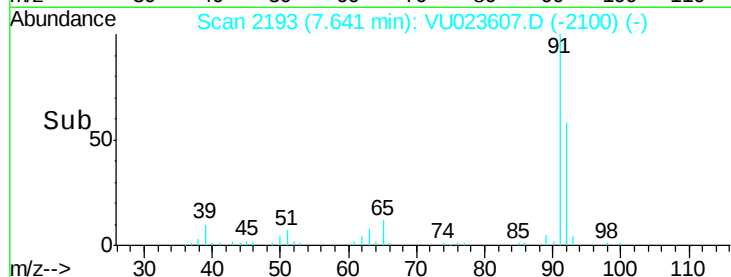
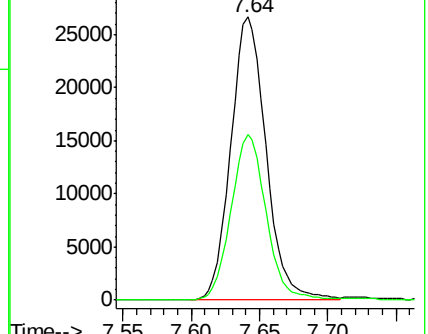
91 100

92 58.4 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: 1.12 ug/L

RT: 7.89 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VU023607.D

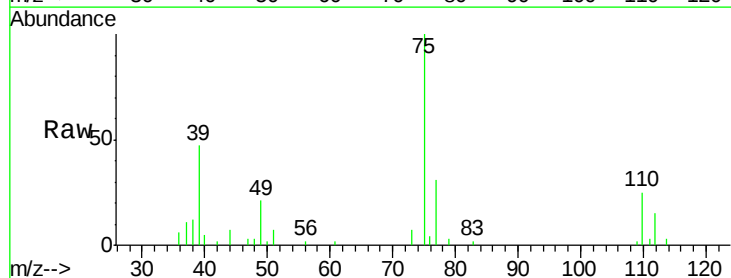
Acq: 03 May 2018 17:39

Tgt Ion: 75 Resp: 13347

Ion Ratio Lower Upper

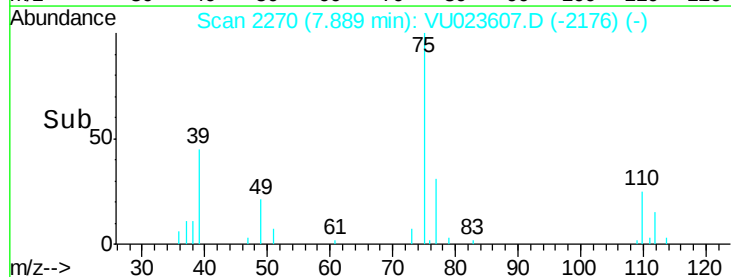
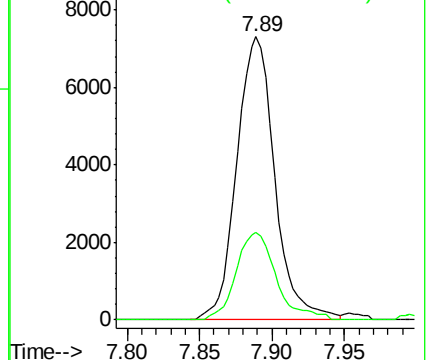
75 100

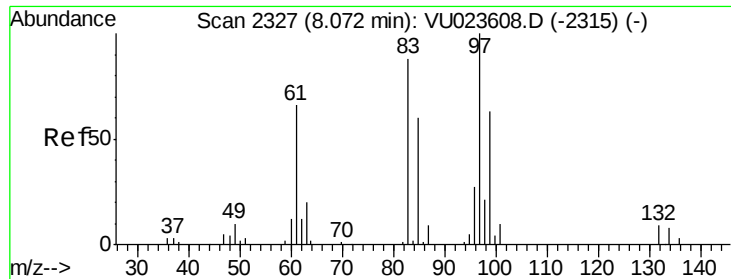
77 31.1 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

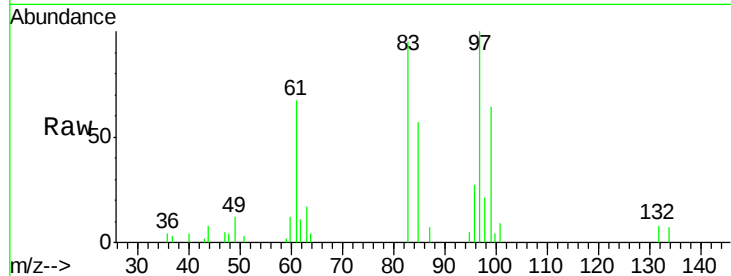
Ion 77.05 (76.75 to 77.75): VU0



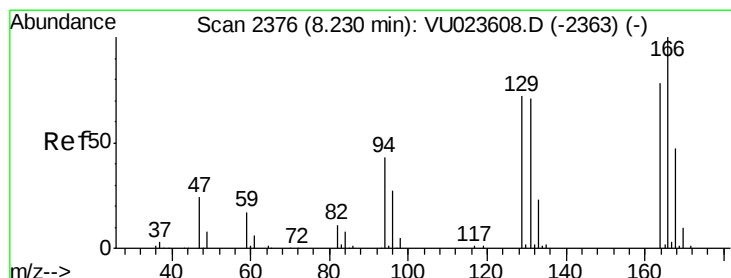
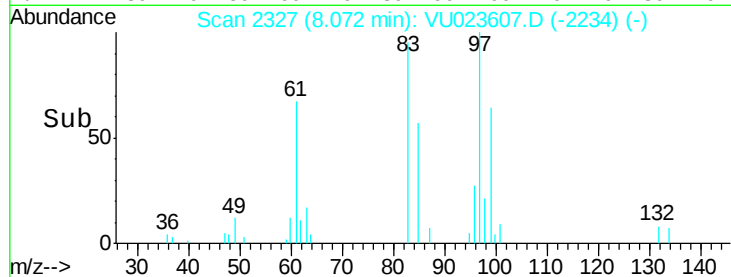
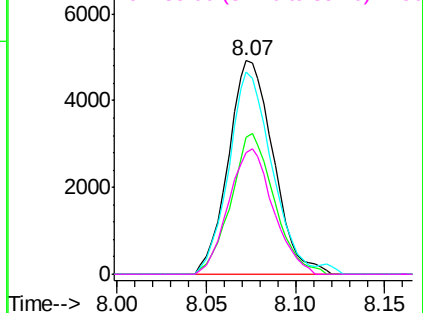


#45
 1,1,2-Trichloroethane
 Concen: 1.05 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion:	97	Resp:	8627
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.0	81.8
83	94.6	61.6	114.4
85	56.6	41.8	77.6

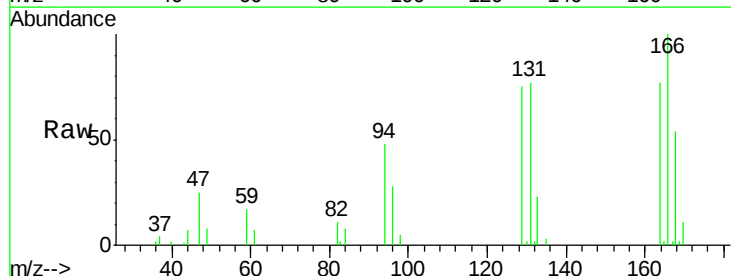


Abundance Ion 96.95 (96.65 to 97.65): VU023607.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023607.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023607.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023607.D (-2234) (-)

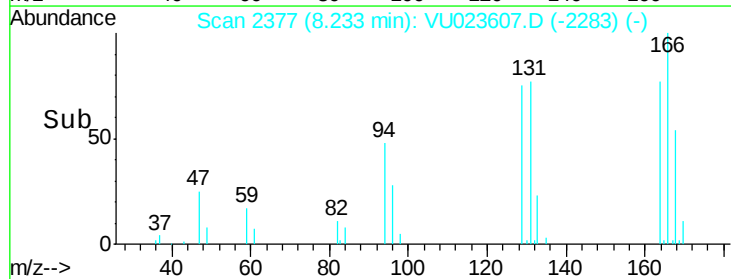
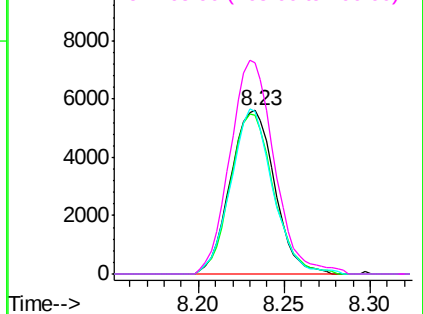


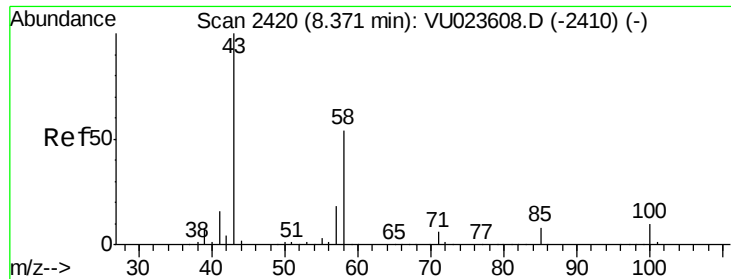
#47
 Tetrachloroethene
 Concen: 0.98 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion:	164	Resp:	10025
Ion	Ratio	Lower	Upper
164	100		
129	97.0	64.4	119.6
131	99.3	63.9	118.7
166	129.6	90.0	167.2



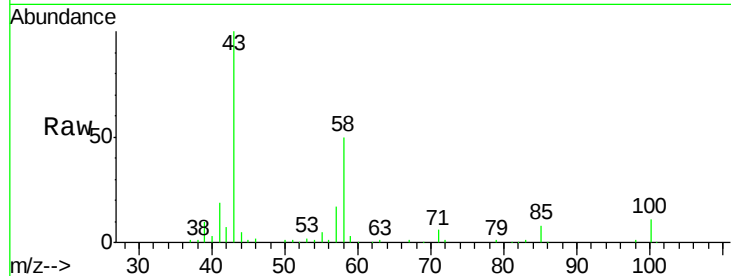
Abundance Ion 163.90 (163.60 to 164.60): VU023607.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023607.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023607.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023607.D (-2283) (-)



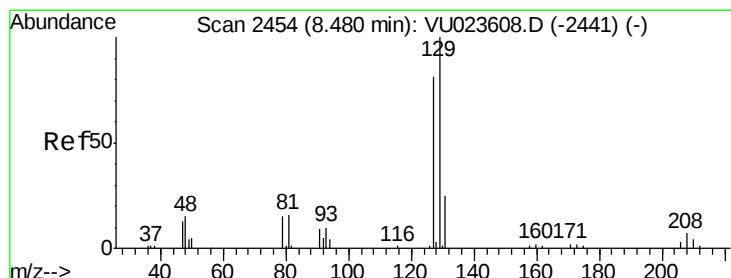
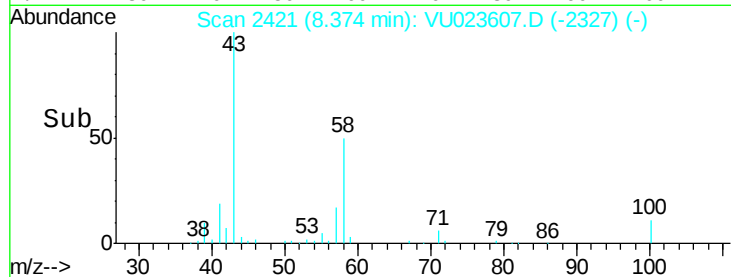
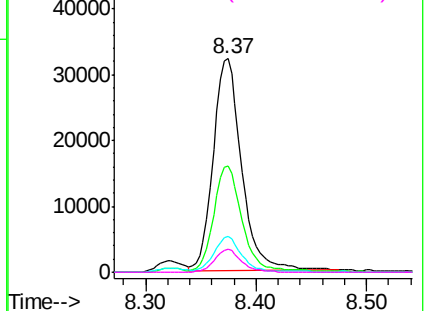


#48
2-Hexanone
Concen: 12.21 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:	43	Resp:	57495
Ion	Ratio	Lower	Upper
43	100		
58	51.0	42.1	63.1
57	15.3	14.3	21.5
100	10.2	7.8	11.8

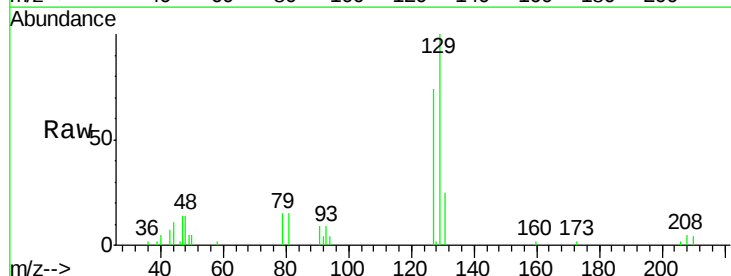


Abundance Ion 43.05 (42.75 to 43.75): VU023607.D (-2327) (-)
Ion 58.05 (57.75 to 58.75): VU023607.D (-2327) (-)
Ion 57.20 (56.90 to 57.90): VU023607.D (-2327) (-)
Ion 100.15 (99.85 to 100.85): VU023607.D (-2327) (-)

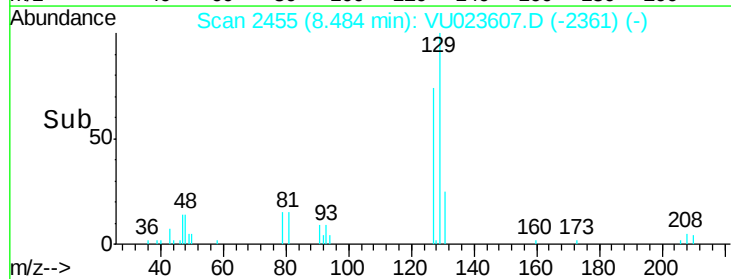
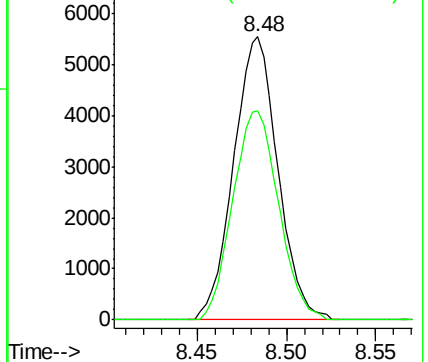


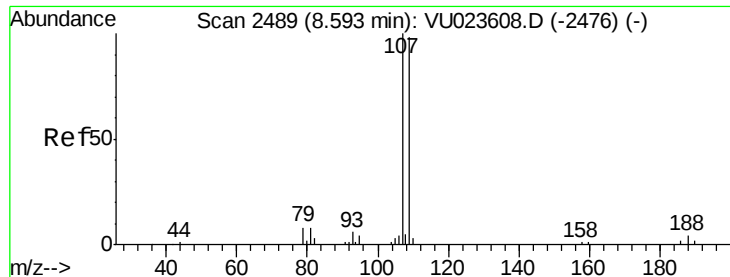
#49
Dibromochloromethane
Concen: 1.07 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:	129	Resp:	9596
Ion	Ratio	Lower	Upper
129	100		
127	73.9	56.9	105.7



Abundance Ion 128.95 (128.65 to 129.65): VU023607.D (-2361) (-)
Ion 126.90 (126.60 to 127.60): VU023607.D (-2361) (-)





#50

1,2-Dibromoethane

Concen: 1.08 ug/L

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

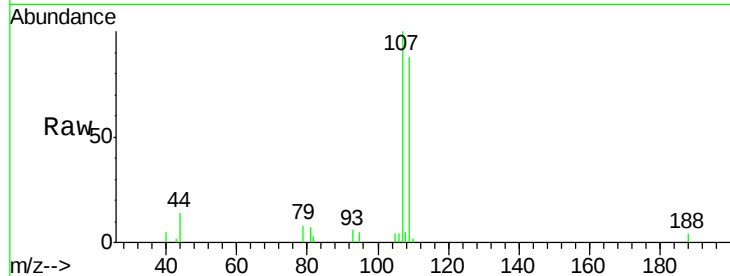
Tgt Ion:107 Resp: 8128

Ion Ratio Lower Upper

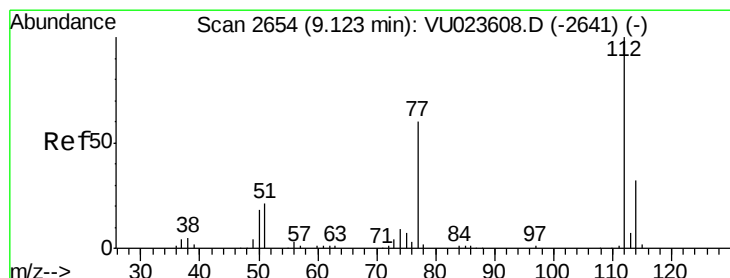
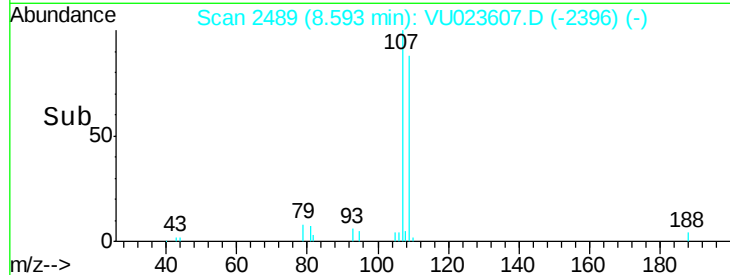
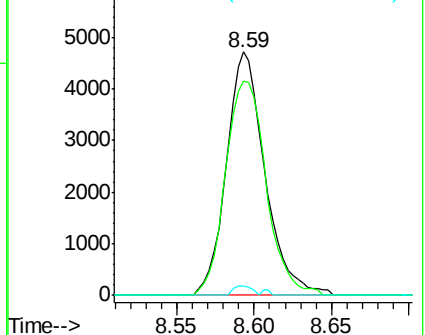
107 100

109 88.1 68.4 127.0

188 3.7 3.0 4.4



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



#51

Chlorobenzene

Concen: 1.04 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

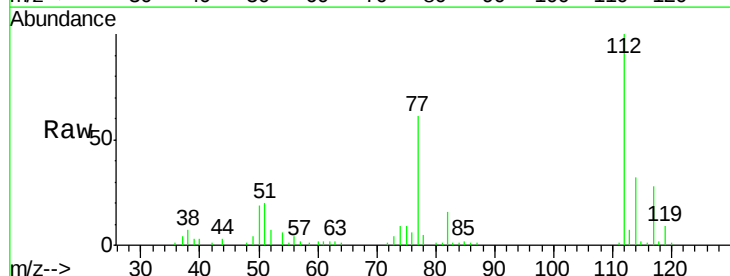
Tgt Ion:112 Resp: 33034

Ion Ratio Lower Upper

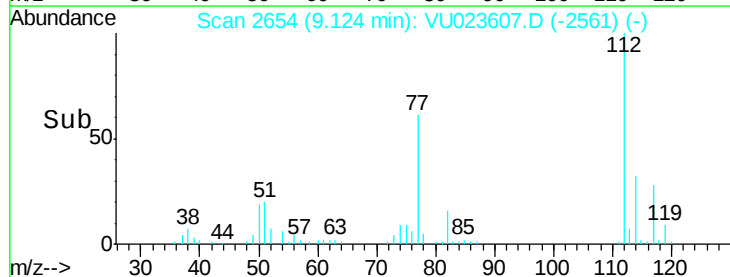
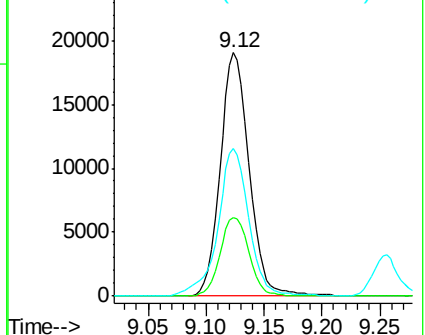
112 100

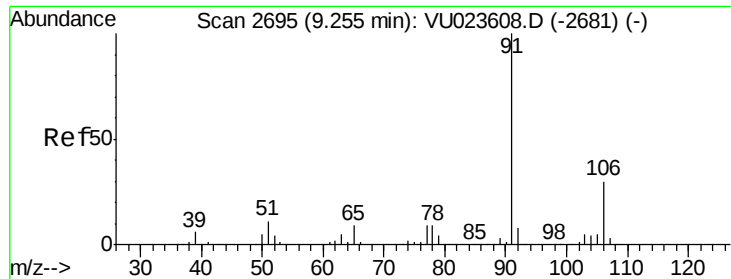
114 32.1 22.3 41.3

77 60.8 48.8 73.2



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





#52

Ethylbenzene

Concen: 0.98 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023607.D

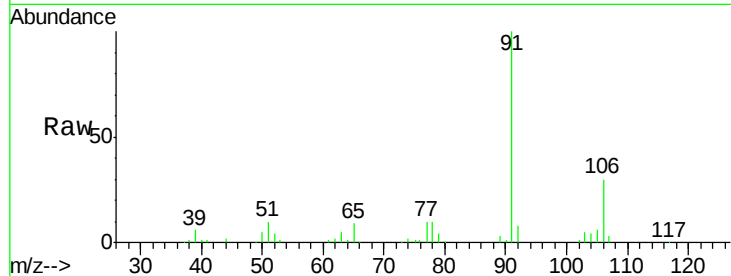
Acq: 03 May 2018 17:39

Tgt Ion: 91 Resp: 50723

Ion Ratio Lower Upper

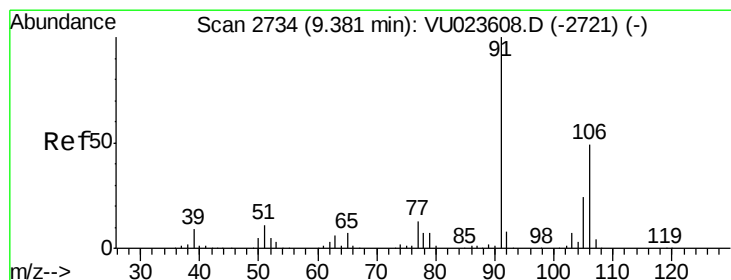
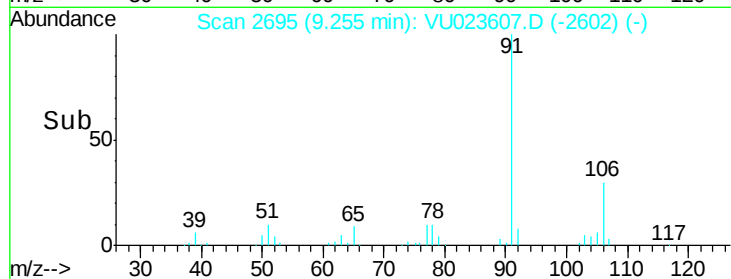
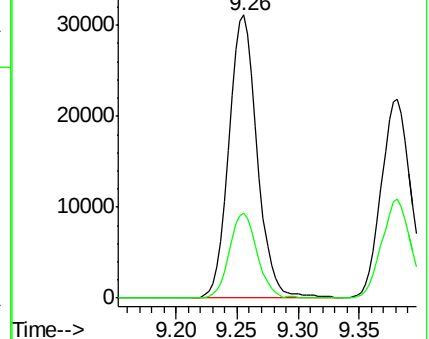
91 100

106 29.9 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 0.93 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023607.D

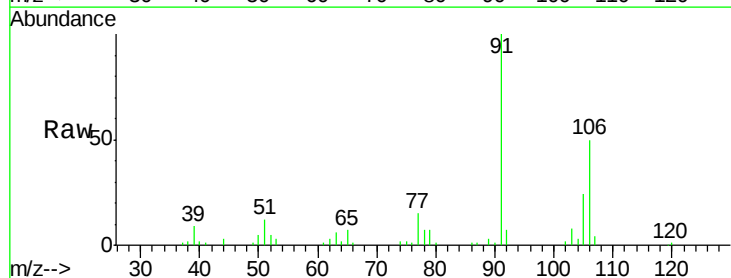
Acq: 03 May 2018 17:39

Tgt Ion: 106 Resp: 18174

Ion Ratio Lower Upper

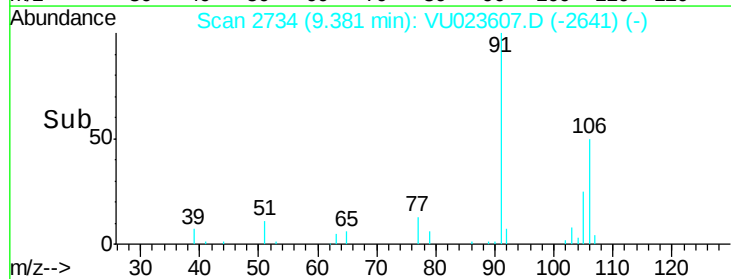
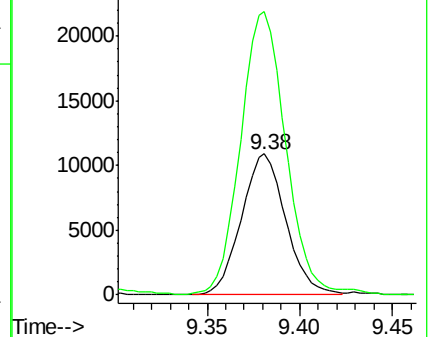
106 100

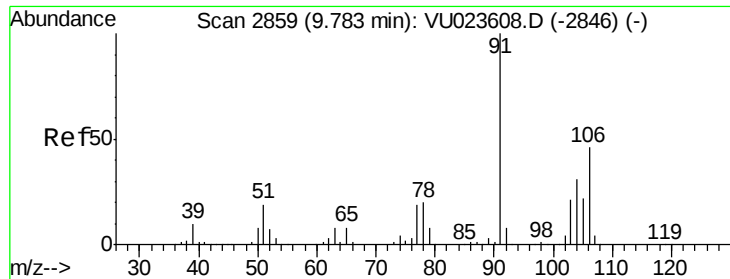
91 201.2 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

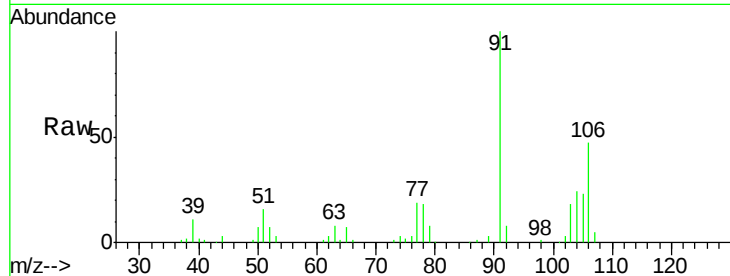
Ion 91.15 (90.85 to 91.85): VU0



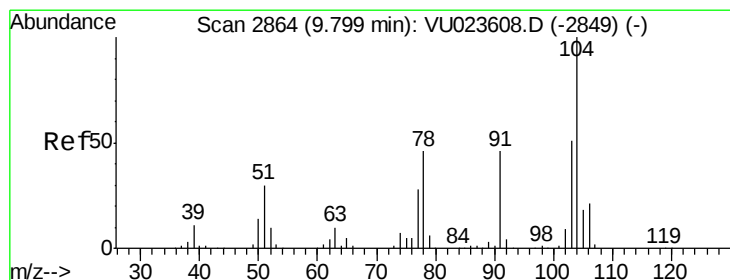
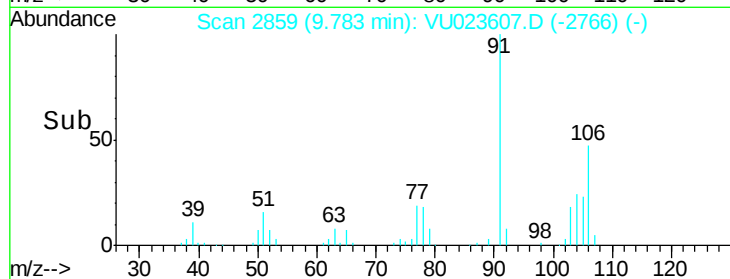
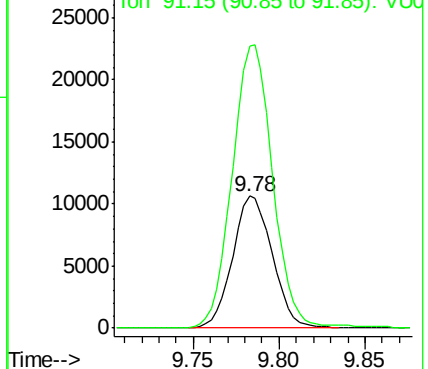


#54
o-xylene
Concen: 0.90 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:106 Resp: 17032
Ion Ratio Lower Upper
106 100
91 213.5 151.5 281.5

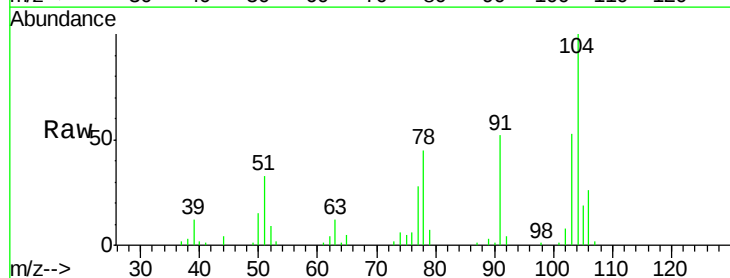


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

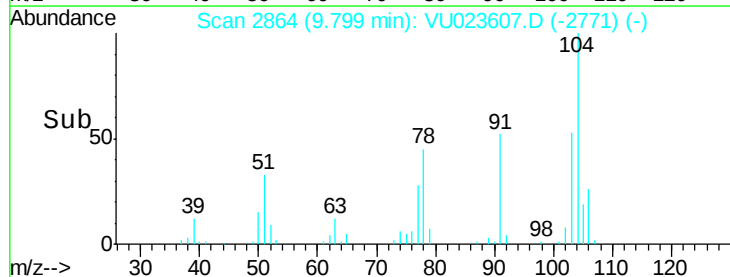
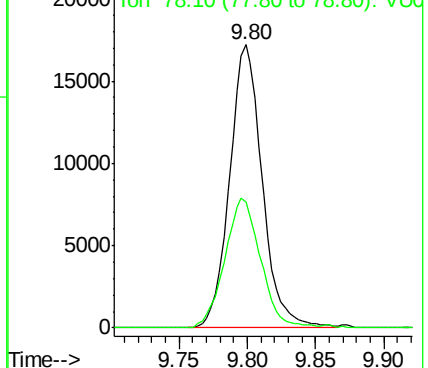


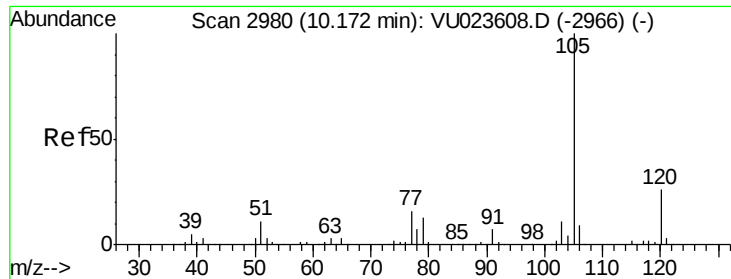
#55
Styrene
Concen: 0.89 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:104 Resp: 28622
Ion Ratio Lower Upper
104 100
78 44.7 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: 0.89 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

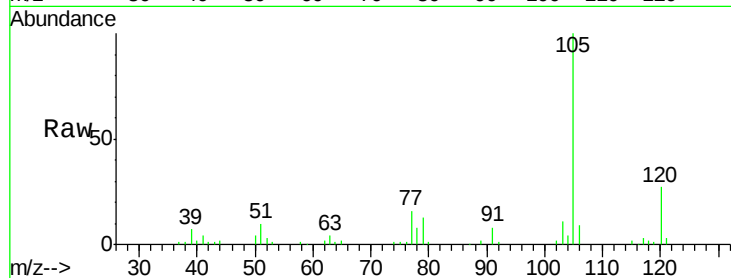
Tgt Ion: 105 Resp: 43879

Ion Ratio Lower Upper

105 100

120 27.1 21.1 31.7

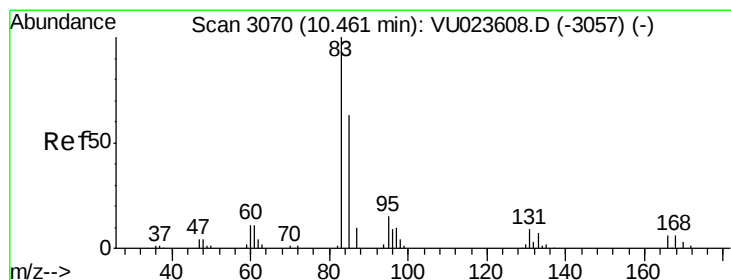
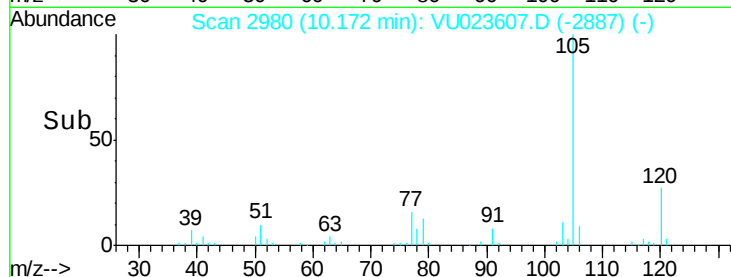
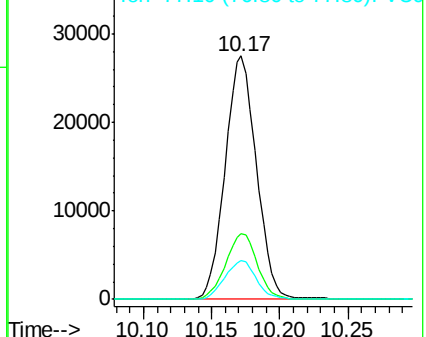
77 16.0 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 1.16 ug/L

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

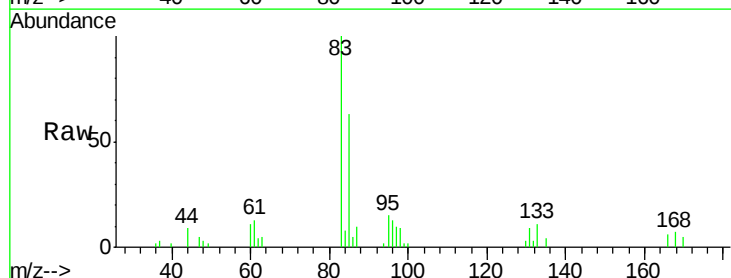
Tgt Ion: 83 Resp: 11808

Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.2

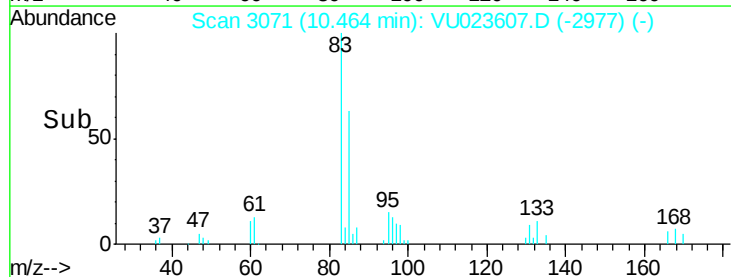
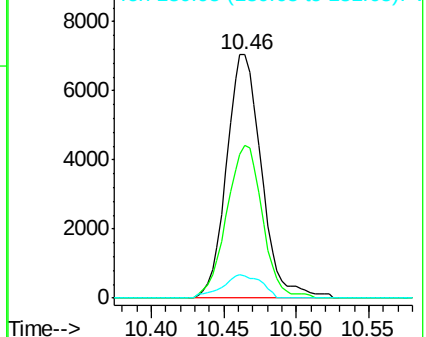
131 9.1 7.3 10.9

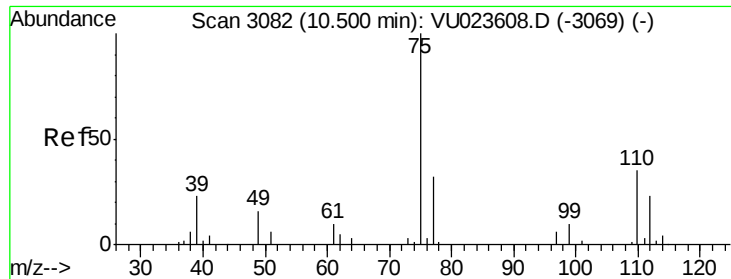


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

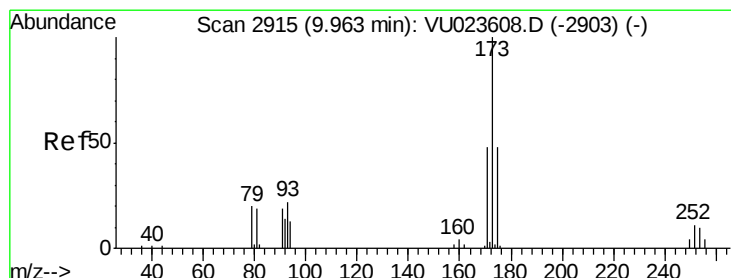
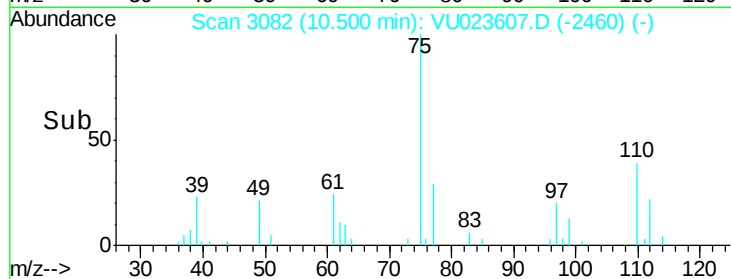
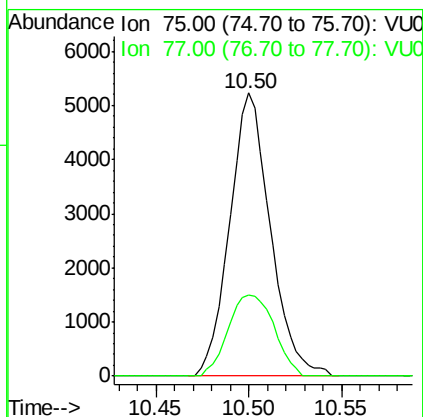
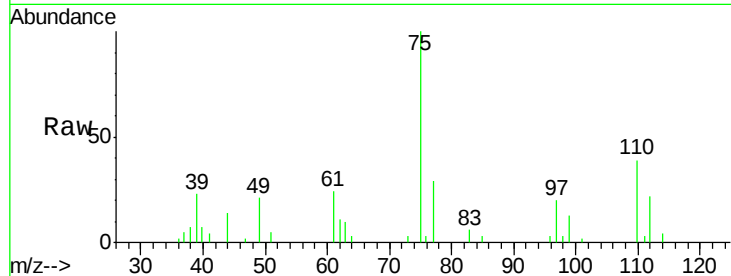
Ion 130.95 (130.65 to 131.65): V





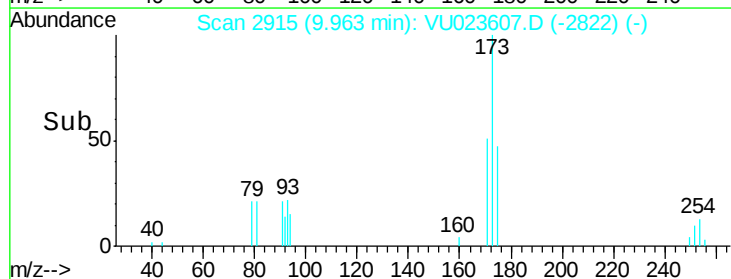
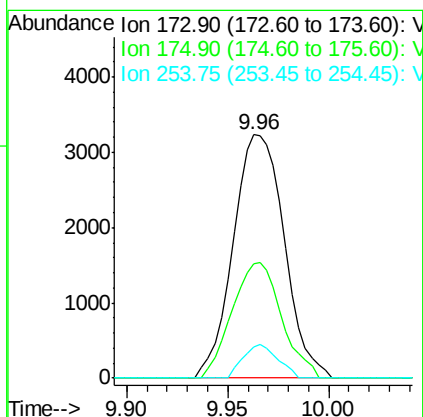
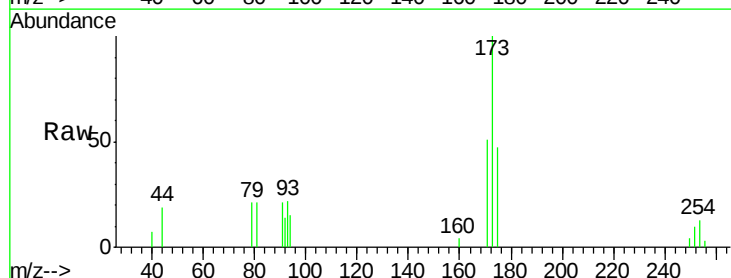
#59
 1,2,3-Trichloropropane
 Concen: 1.10 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

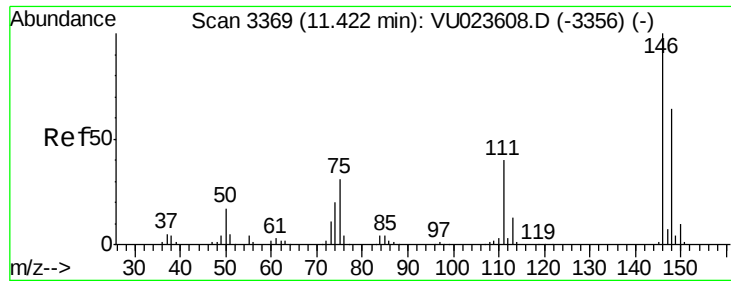
Tgt Ion: 75 Resp: 7964
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.0 39.0



#61
 Bromoform
 Concen: 1.17 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion: 173 Resp: 5737
 Ion Ratio Lower Upper
 173 100
 175 45.9 38.1 57.1
 254 9.4 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 1.01 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

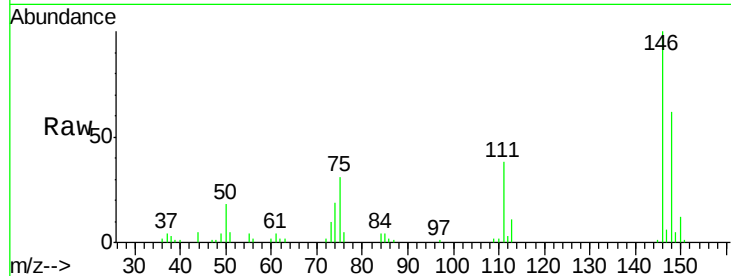
Tgt Ion:146 Resp: 24311

Ion Ratio Lower Upper

146 100

111 38.3 27.9 51.9

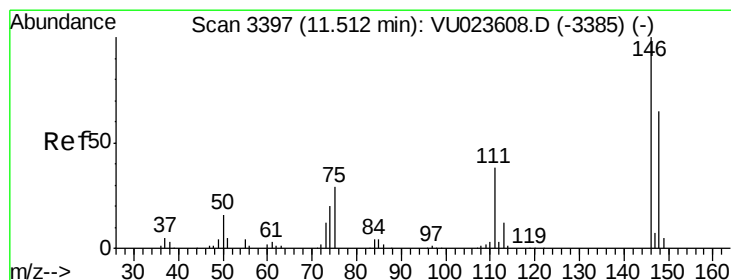
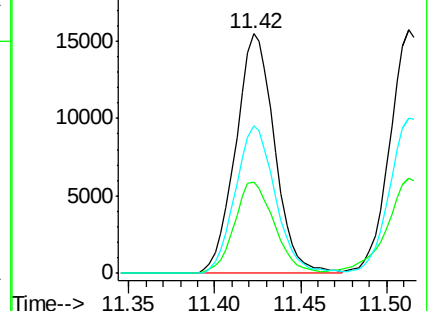
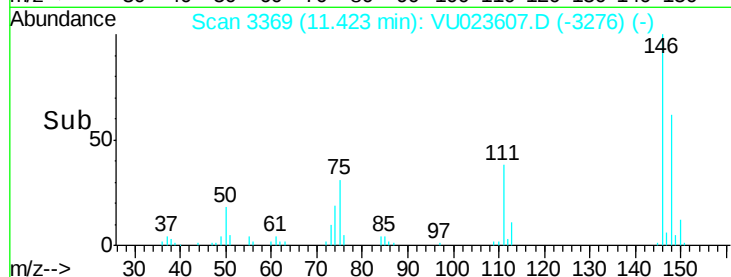
148 61.6 44.7 83.1



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: 1.03 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

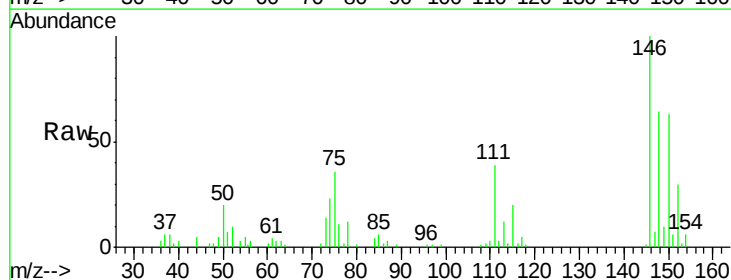
Tgt Ion:146 Resp: 25495

Ion Ratio Lower Upper

146 100

111 39.0 26.7 49.5

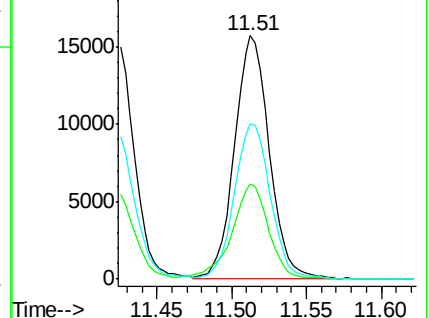
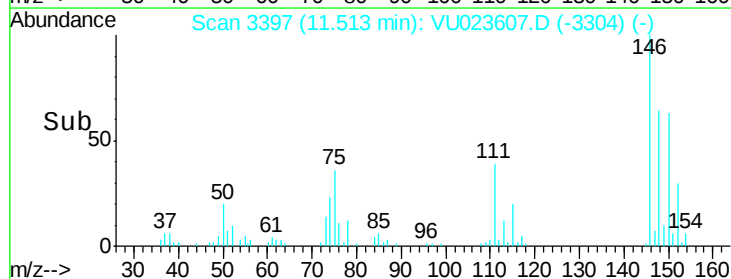
148 63.7 45.4 84.4

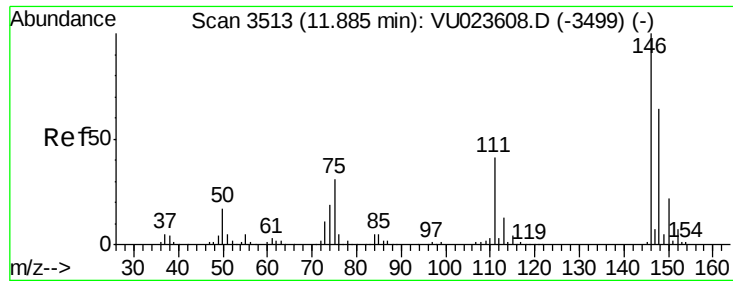


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 1.05 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

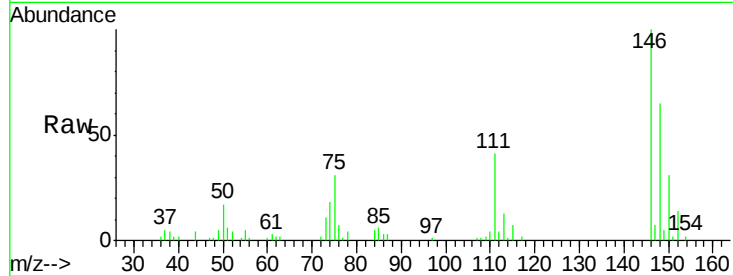
Tgt Ion: 146 Resp: 24428

Ion Ratio Lower Upper

146 100

111 41.2 33.0 49.6

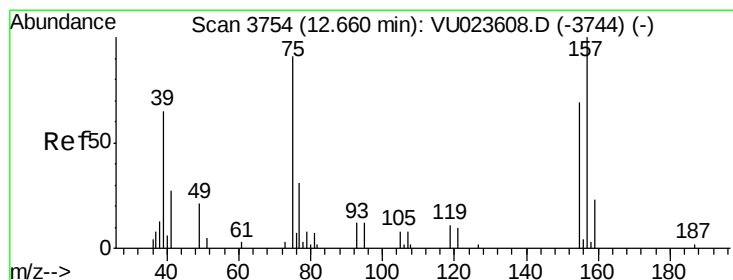
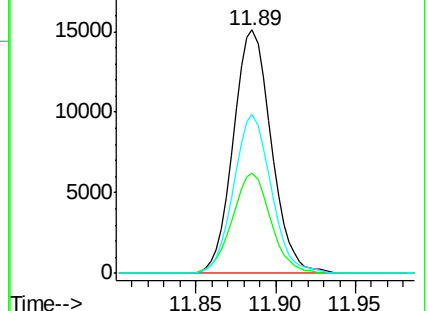
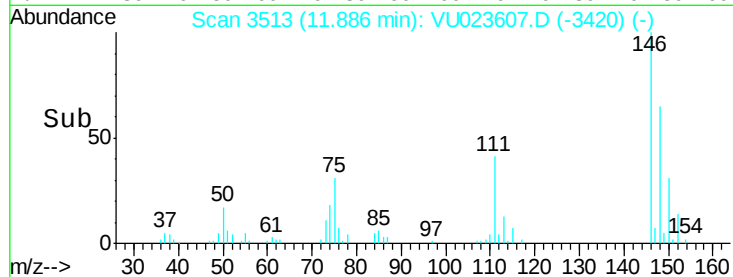
148 65.1 50.8 76.2



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: 1.31 ug/L

RT: 12.66 min Scan# 3755

Delta R.T. 0.00 min

Lab File: VU023607.D

Acq: 03 May 2018 17:39

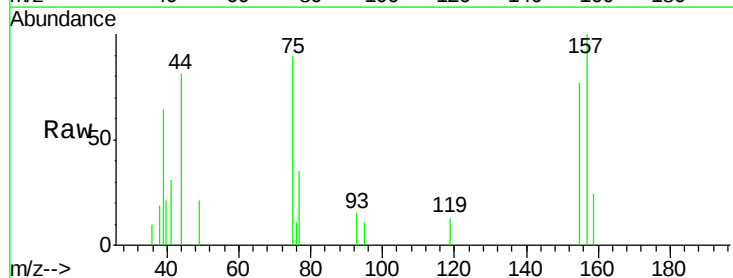
Tgt Ion: 75 Resp: 1737

Ion Ratio Lower Upper

75 100

155 85.9 60.6 90.8

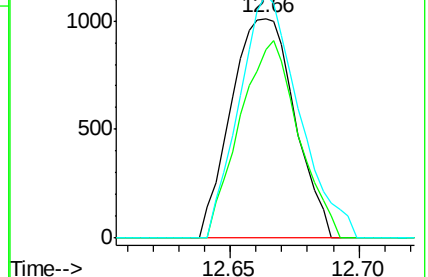
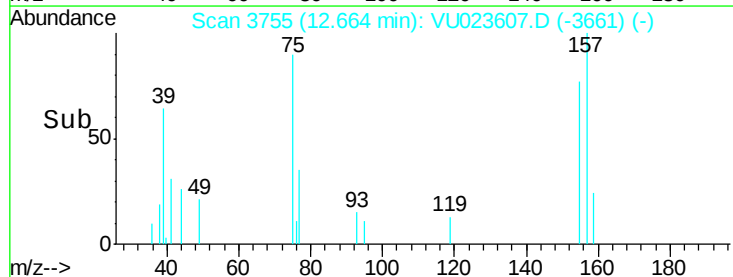
157 111.0 87.7 131.5

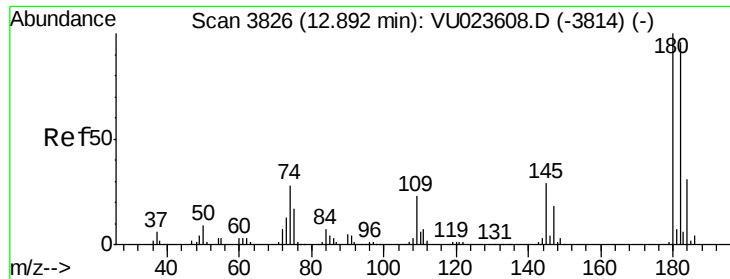


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

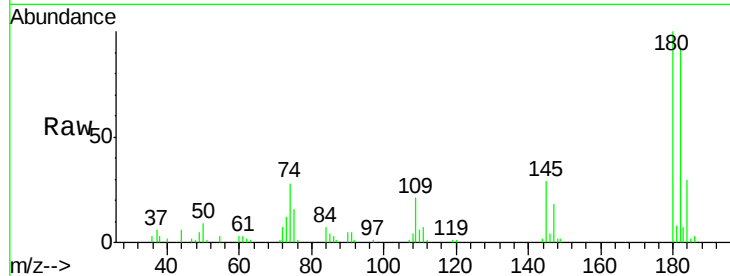
Ion 156.90 (156.60 to 157.60): V



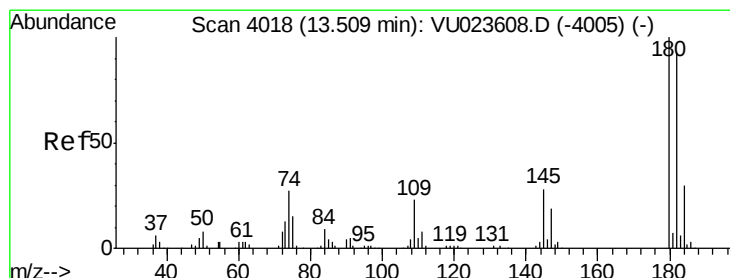
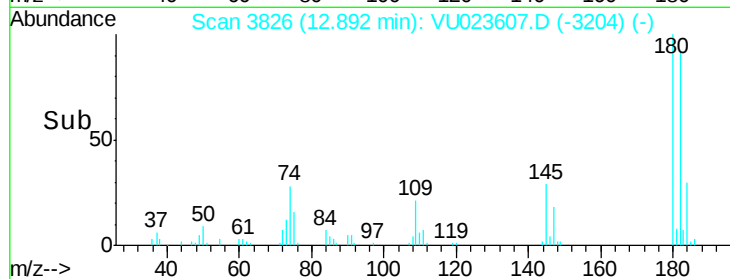
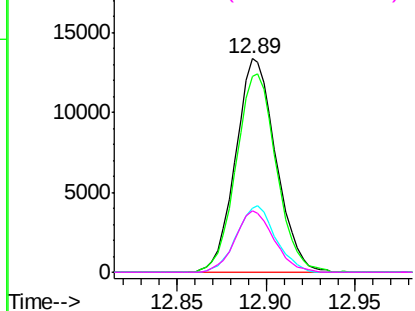


#67
 1,3,5-Trichlorobenzene
 Concen: 1.07 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion:	180	Resp:	21121
Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.2	114.2
184	30.2	24.4	36.6
145	27.7	22.8	34.2

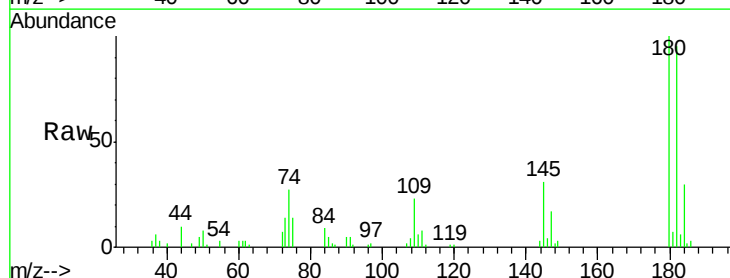


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

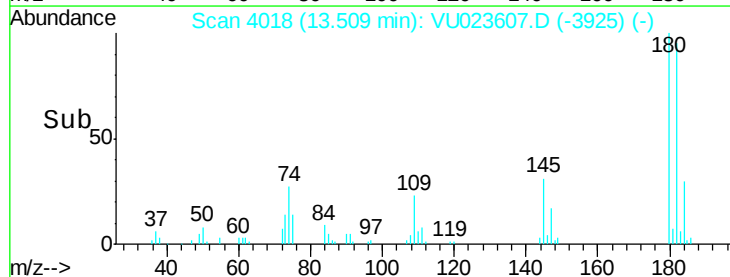
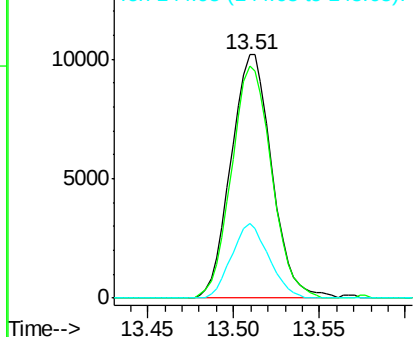


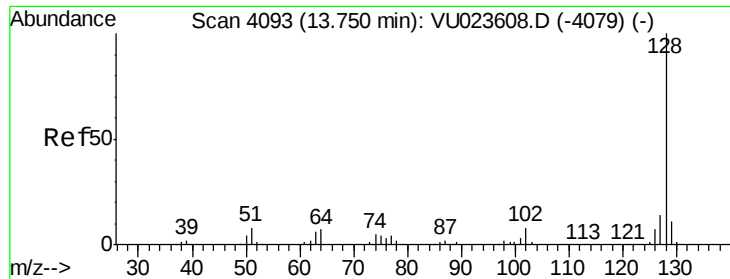
#68
 1,2,4-trichlorobenzene
 Concen: 1.02 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023607.D
 Acq: 03 May 2018 17:39

Tgt Ion:	180	Resp:	16802
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.7	113.5
145	28.0	22.5	33.7



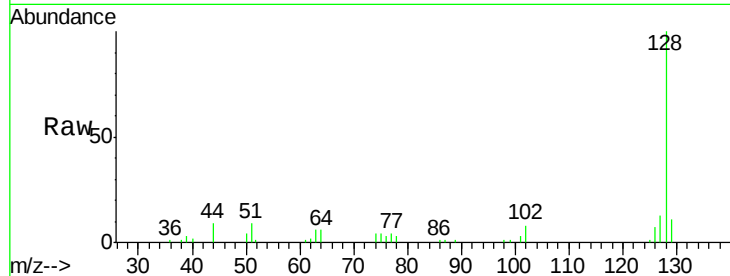
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



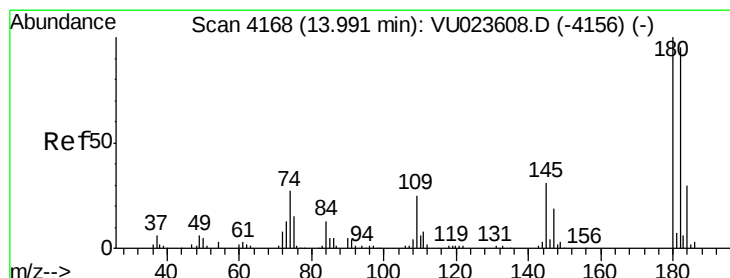
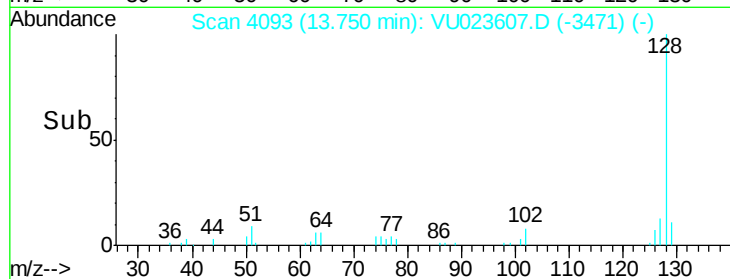
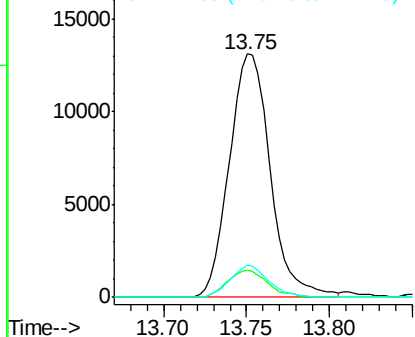


#69
Naphthalene
Concen: 0.87 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:128 Resp: 22521
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.3 10.5 15.7

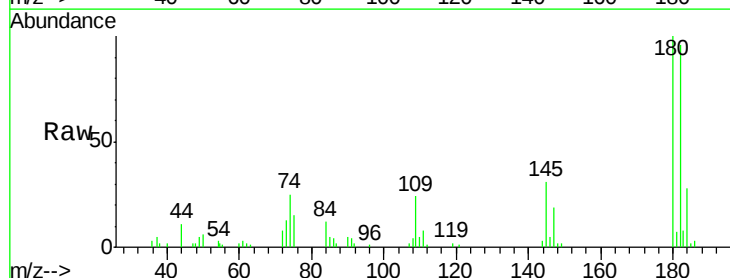


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 1.01 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU023607.D
Acq: 03 May 2018 17:39

Tgt Ion:180 Resp: 15638
Ion Ratio Lower Upper
180 100
182 96.2 75.9 113.9
145 30.7 24.3 36.5



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

