

Data File : VU023611.D
Acq On : 03 May 2018 19:28
Operator : MD/SY
Sample : VSTDICV005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 04 04:32:07 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:50:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	88549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59916	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	45607	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	109134	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.20	46	178650	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	4.65	84	109578	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.32	65	57343	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	218708	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.34	67	72104	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.57	98	210793	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	26593	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.32	63	141877	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	57327	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	77027	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81260	4.93	ug/L	99
3) Chloromethane	1.33	50	88198	4.92	ug/L	98
5) Vinyl chloride	1.40	62	81323	4.98	ug/L	99
6) Bromomethane	1.63	94	44378	5.09	ug/L	97
8) Chloroethane	1.70	64	47062	4.72	ug/L	98
9) Trichlorofluoromethane	1.89	101	91591	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	54045	4.98	ug/L	99
12) 1,1-Dichloroethene	2.28	96	51246	4.98	ug/L	98
13) Acetone	2.33	43	104368	49.85	ug/L	97
14) Carbon disulfide	2.47	76	181320	4.89	ug/L	99
15) Methyl Acetate	2.62	43	28432	4.83	ug/L	100
16) Methylene chloride	2.70	84	56238	4.77	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	135915	5.13	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	55370	4.87	ug/L	98
19) 1,1-Dichloroethane	3.45	63	107590	5.00	ug/L	100
21) 2-Butanone	4.29	43	191092	49.35	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	66818	4.95	ug/L	98

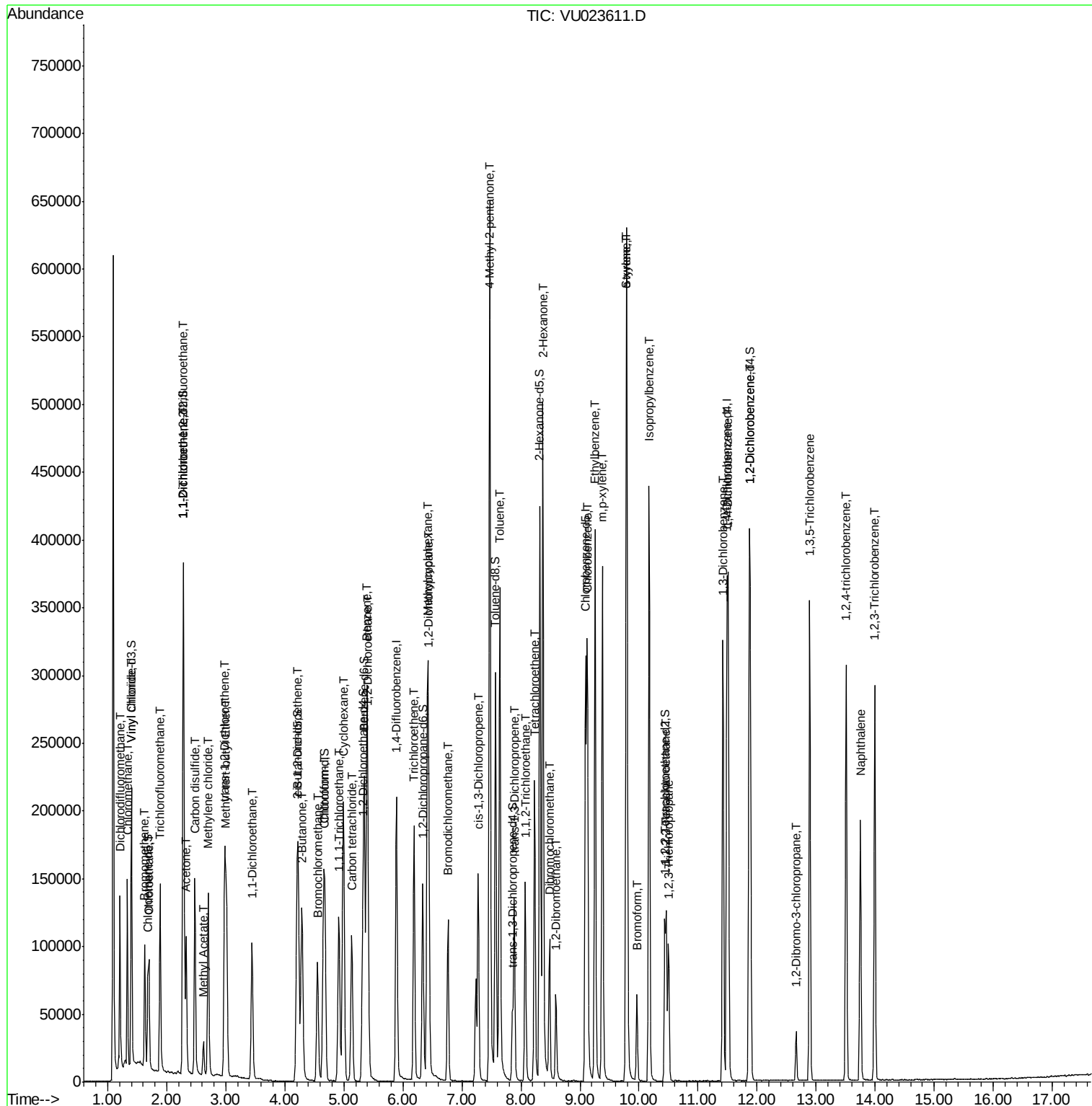
Data File : VU023611.D
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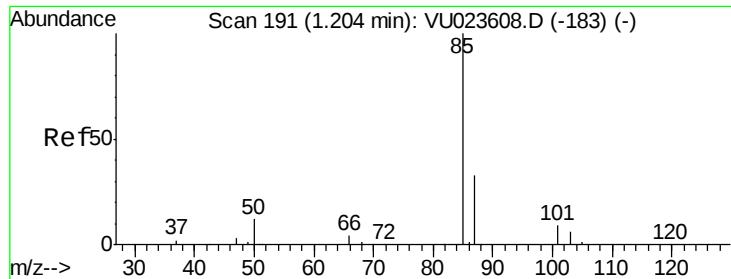
Quant Time: May 04 04:32:07 2018
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 01:50:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	29194	5.00	ug/L	98
25) Chloroform	4.68	83	114398	4.90	ug/L	99
27) 1,2-Dichloroethane	5.41	62	74049	4.98	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	93225	4.97	ug/L	99
30) Cyclohexane	4.99	56	105263	4.94	ug/L	100
31) Carbon tetrachloride	5.13	117	78601	5.02	ug/L	99
33) Benzene	5.39	78	259901	4.97	ug/L	100
34) Trichloroethene	6.19	95	66940	4.91	ug/L	98
35) Methylcyclohexane	6.42	83	99787	4.83	ug/L	99
37) 1,2-Dichloropropane	6.44	63	70172	4.82	ug/L	100
38) Bromodichloromethane	6.76	83	78982	4.94	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	90367	4.97	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	455216	51.30	ug/L	100
42) Toluene	7.64	91	273524	5.13	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	74541	5.03	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	45996	5.03	ug/L	97
47) Tetrachloroethene	8.23	164	53500	4.96	ug/L	98
48) 2-Hexanone	8.37	43	327406	50.94	ug/L	99
49) Dibromochloromethane	8.48	129	51853	4.96	ug/L	95
50) 1,2-Dibromoethane	8.59	107	43014	5.04	ug/L	98
51) Chlorobenzene	9.12	112	171886	4.92	ug/L	99
52) Ethylbenzene	9.26	91	286430	5.06	ug/L	99
53) m,p-xylene	9.38	106	109500	5.15	ug/L	99
54) o-xylene	9.79	106	103034	5.12	ug/L	98
55) Styrene	9.80	104	184390	5.23	ug/L	97
56) Isopropylbenzene	10.17	105	275632	5.18	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	61007	5.02	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	42309	4.94	ug/L	99
61) Bromoform	9.96	173	29470	4.92	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	134653	5.02	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	140852	4.98	ug/L	99
65) 1,2-Dichlorobenzene	11.89	146	131325	5.02	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	9298	5.26	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	112957	4.95	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	95921	5.10	ug/L	98
69) Naphthalene	13.75	128	156127	5.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	93049	5.27	ug/L	100

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

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#2

Dichlorodifluoromethane

Concen: 4.93 ug/L

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU023611.D

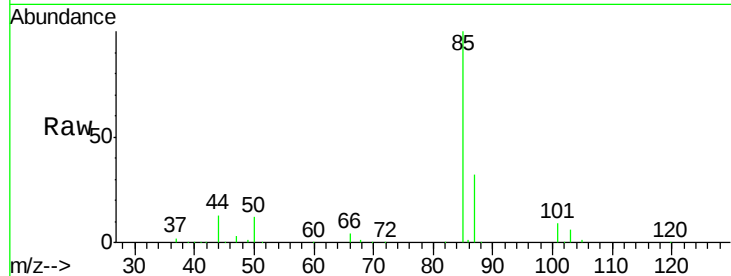
Acq: 03 May 2018 19:28

Tgt Ion: 85 Resp: 81260

Ion Ratio Lower Upper

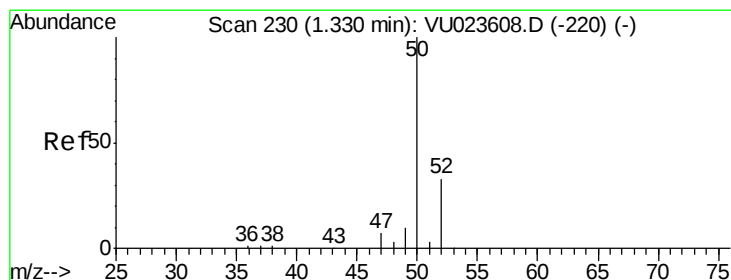
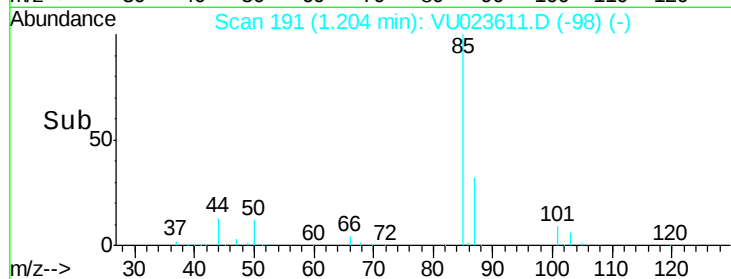
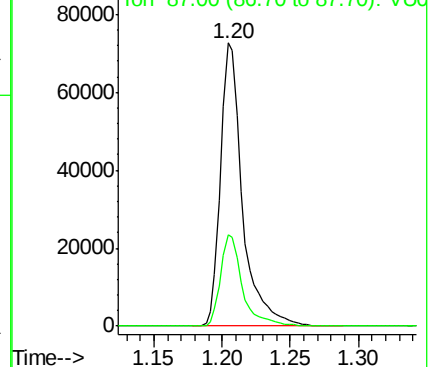
85 100

87 32.1 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: 4.92 ug/L

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU023611.D

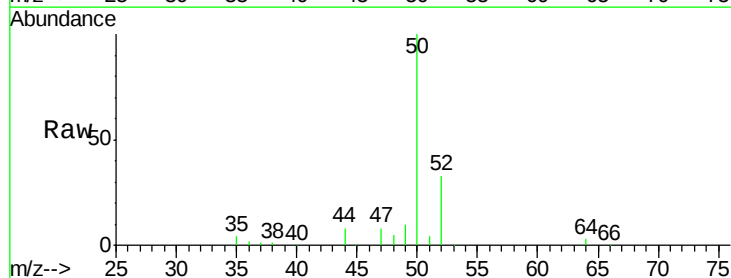
Acq: 03 May 2018 19:28

Tgt Ion: 50 Resp: 88198

Ion Ratio Lower Upper

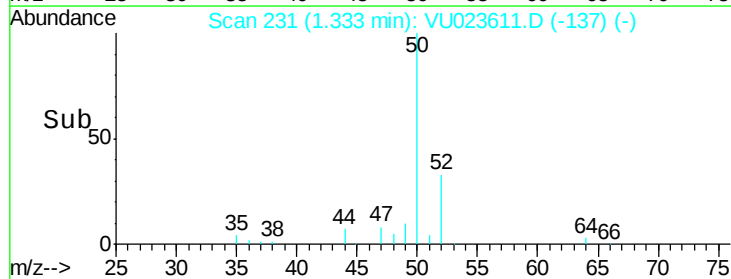
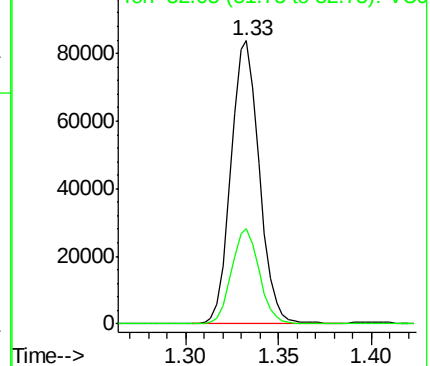
50 100

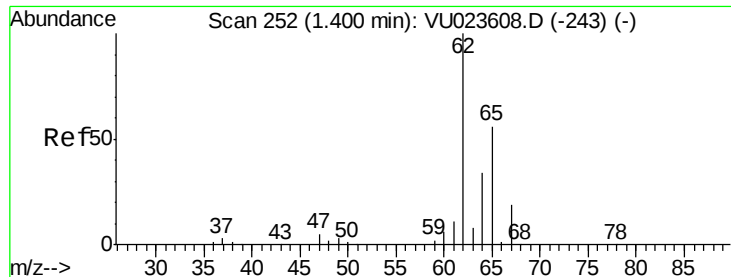
52 33.5 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 4.98 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023611.D

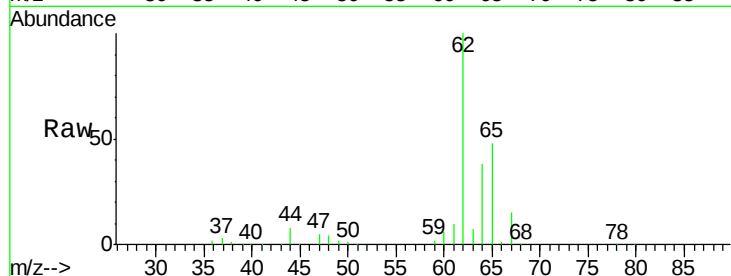
Acq: 03 May 2018 19:28

Tgt Ion: 62 Resp: 81323

Ion Ratio Lower Upper

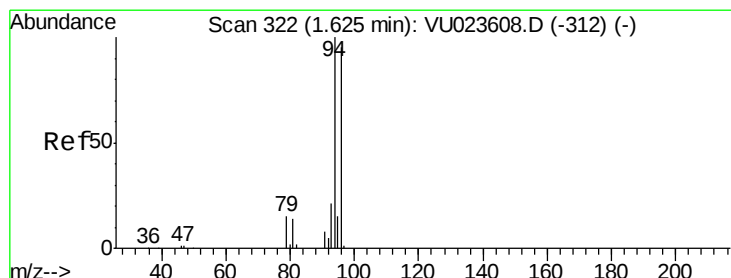
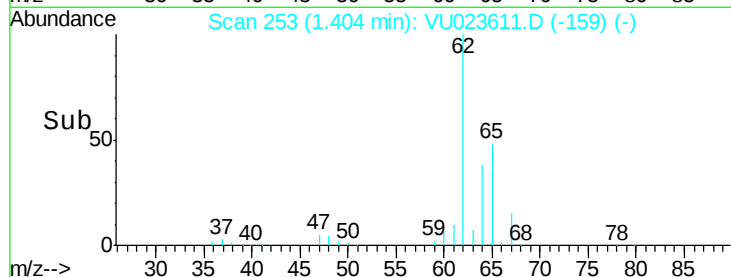
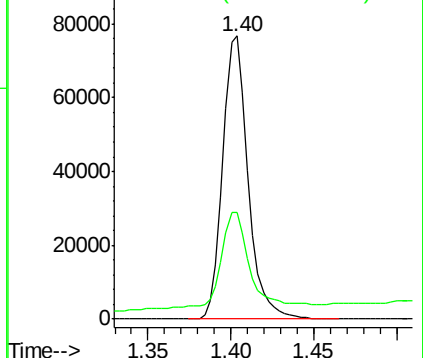
62 100

64 37.6 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 5.09 ug/L

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU023611.D

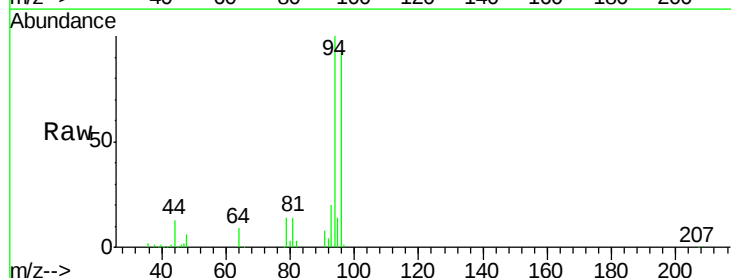
Acq: 03 May 2018 19:28

Tgt Ion: 94 Resp: 44378

Ion Ratio Lower Upper

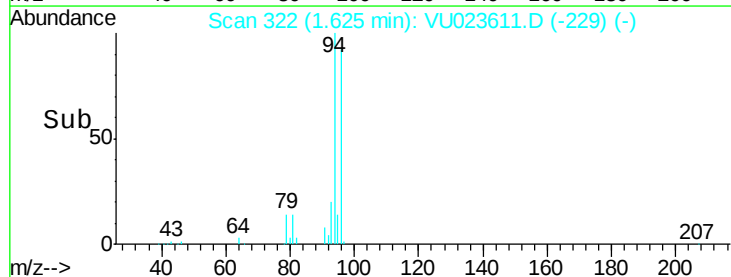
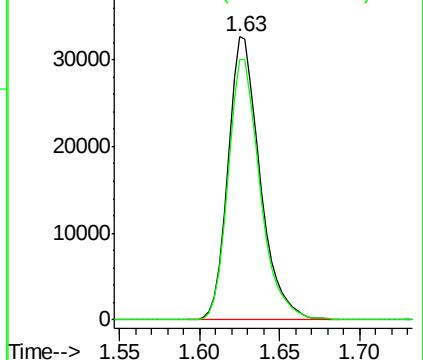
94 100

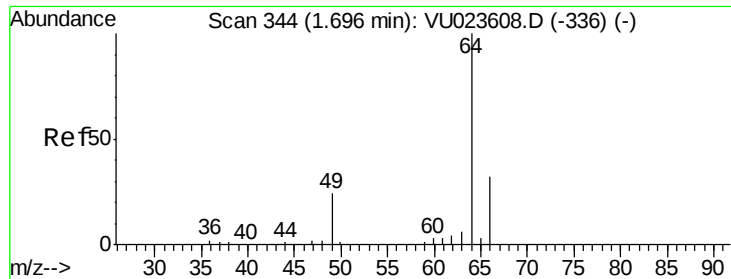
96 91.8 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

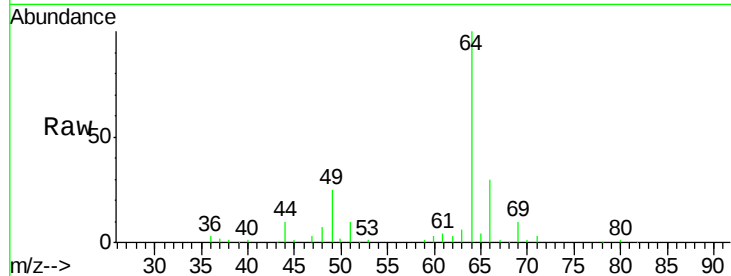
Ion 96.00 (95.70 to 96.70): VU0



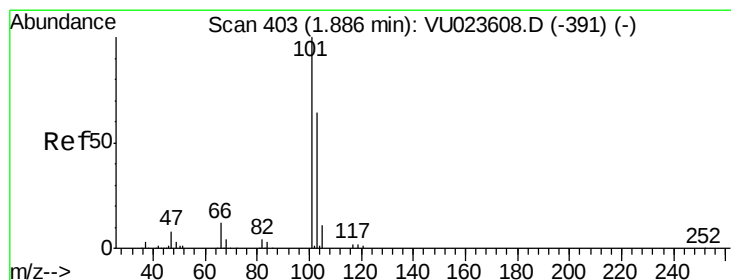
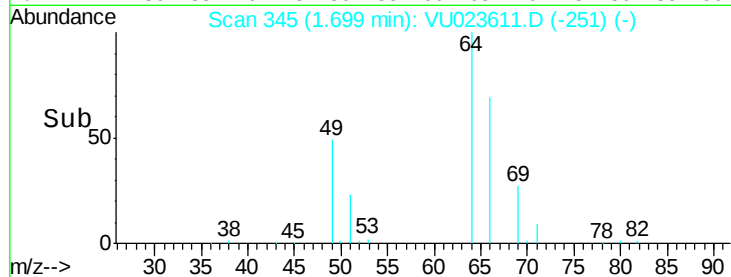
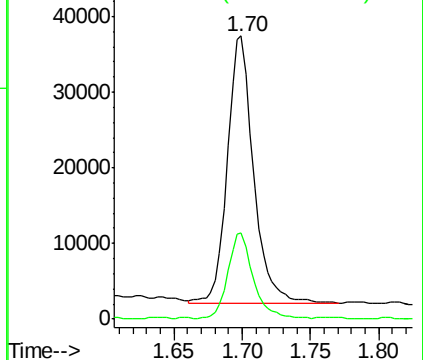


#8
Chloroethane
Concen: 4.72 ug/L
RT: 1.70 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion: 64 Resp: 47062
Ion Ratio Lower Upper
64 100
66 30.3 20.6 38.2

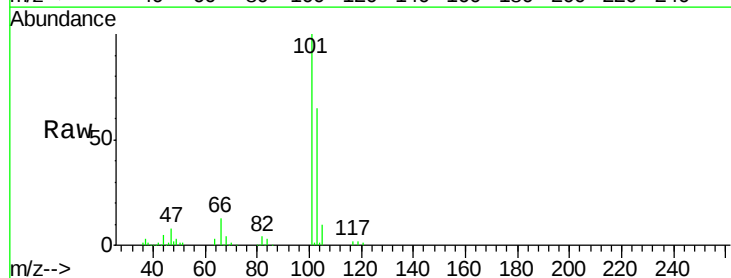


Abundance Ion 64.10 (63.80 to 64.80): VU023608.D (-336) (-)
Ion 66.05 (65.75 to 66.75): VU023608.D (-336) (-)

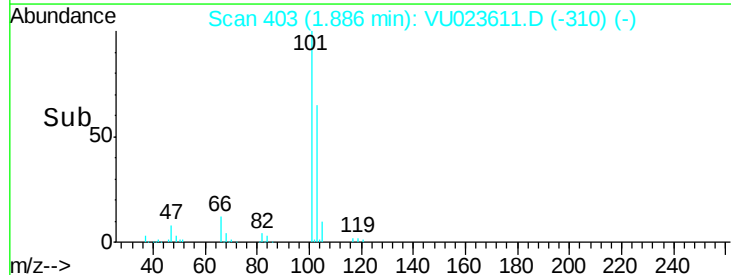
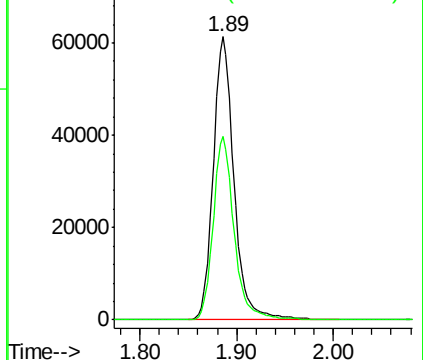


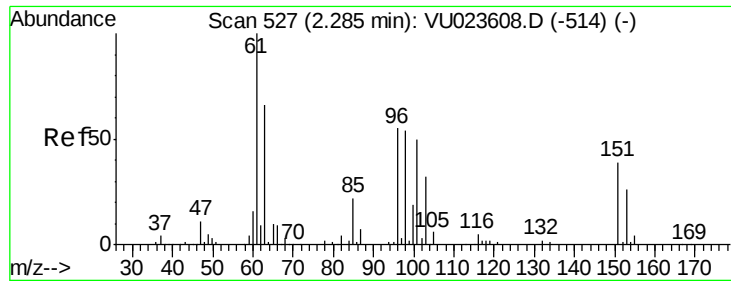
#9
Trichlorofluoromethane
Concen: 4.98 ug/L
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion: 101 Resp: 91591
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023608.D (-391) (-)
Ion 103.00 (102.70 to 103.70): VU023608.D (-391) (-)





#10

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

Concen: 4.98 ug/L

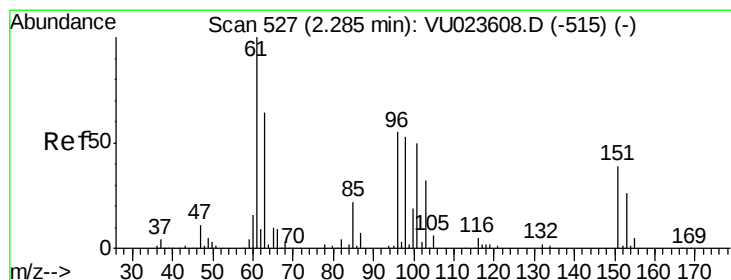
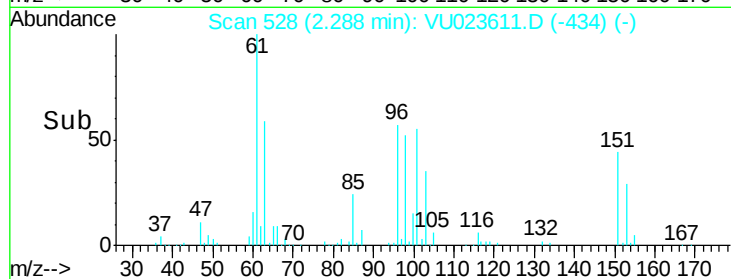
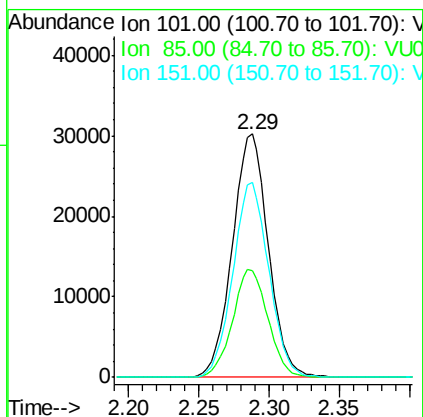
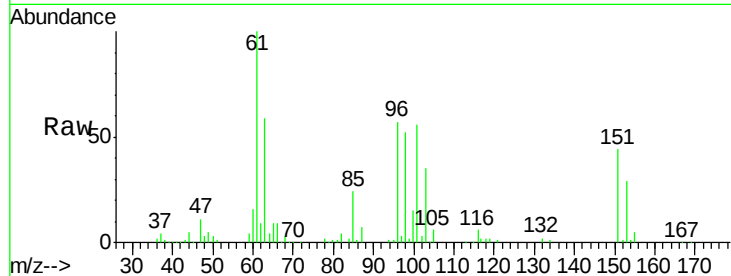
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

Tgt Ion:	101	Resp:	54045
Ion	Ratio	Lower	Upper
101	100		
85	43.5	34.5	51.7
151	79.8	62.9	94.3



#12

1,1-Dichloroethene

Concen: 4.98 ug/L

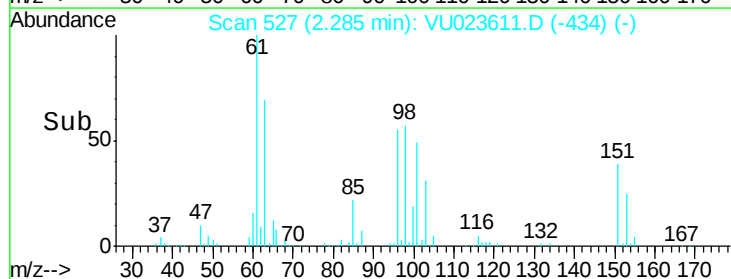
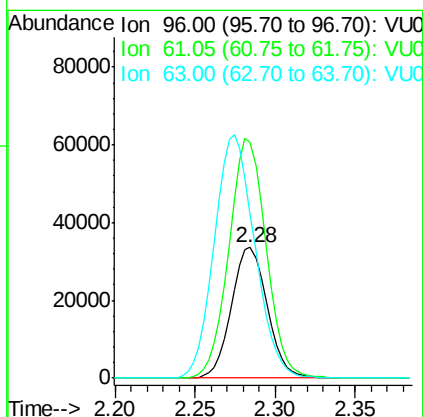
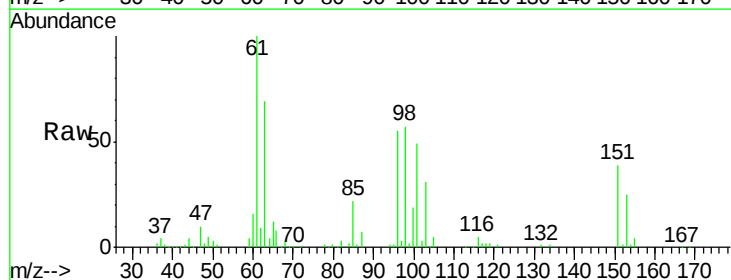
RT: 2.28 min Scan# 527

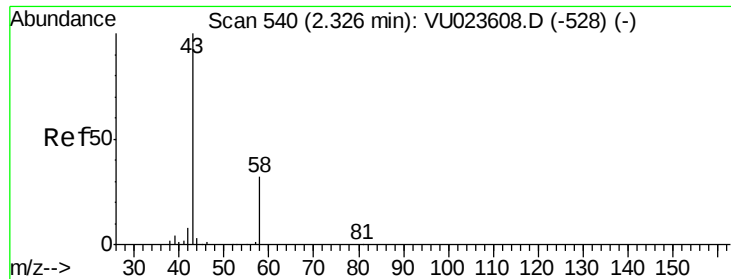
Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

Tgt Ion:	96	Resp:	51246
Ion	Ratio	Lower	Upper
96	100		
61	181.0	127.4	236.6
63	125.2	84.8	157.4





#13

Acetone

Concen: 49.85 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023611.D

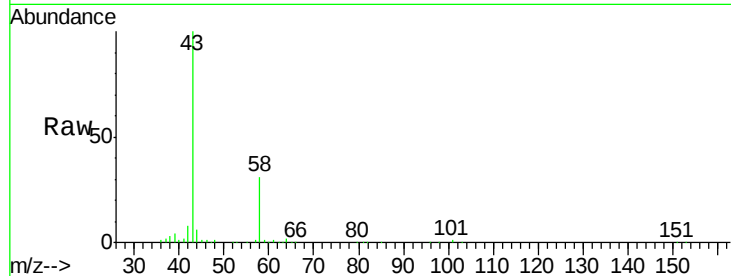
Acq: 03 May 2018 19:28

Tgt Ion: 43 Resp: 104368

Ion Ratio Lower Upper

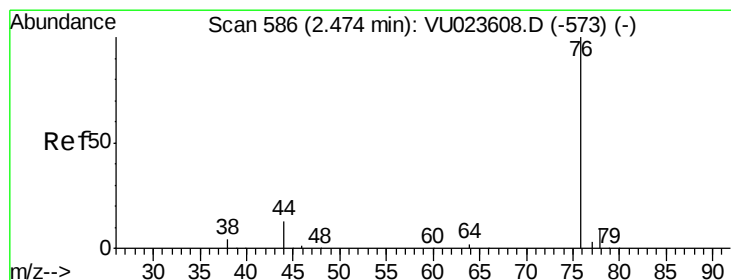
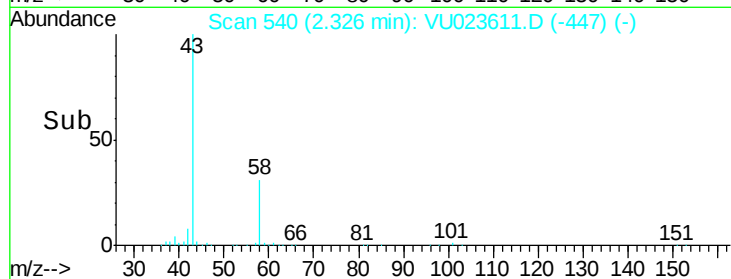
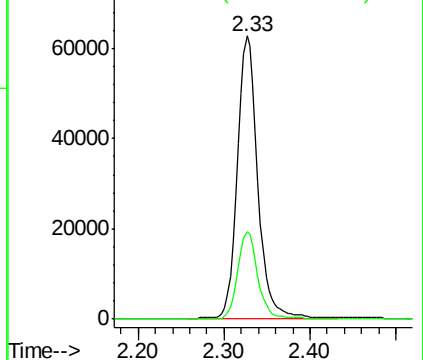
43 100

58 30.3 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 4.89 ug/L

RT: 2.47 min Scan# 586

Delta R.T. 0.00 min

Lab File: VU023611.D

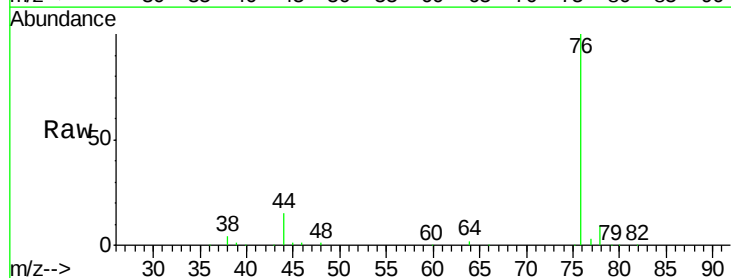
Acq: 03 May 2018 19:28

Tgt Ion: 76 Resp: 181320

Ion Ratio Lower Upper

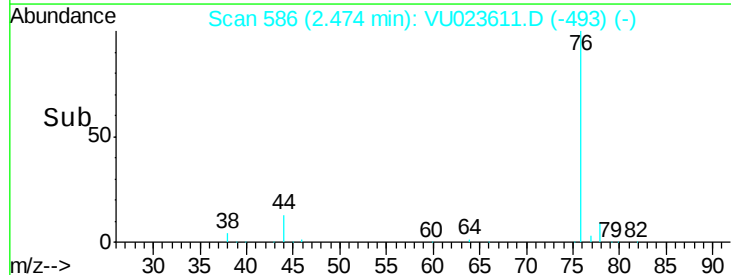
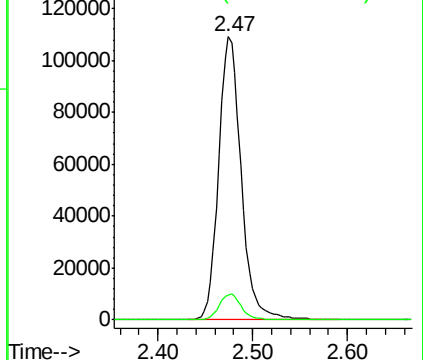
76 100

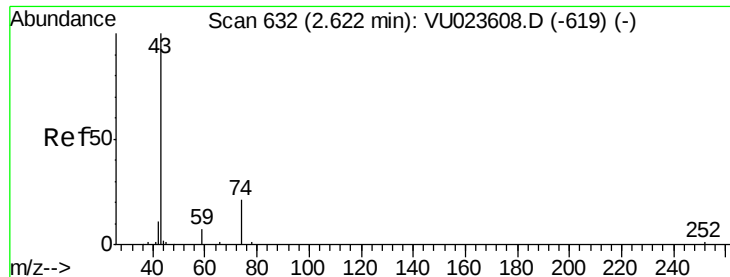
78 9.0 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

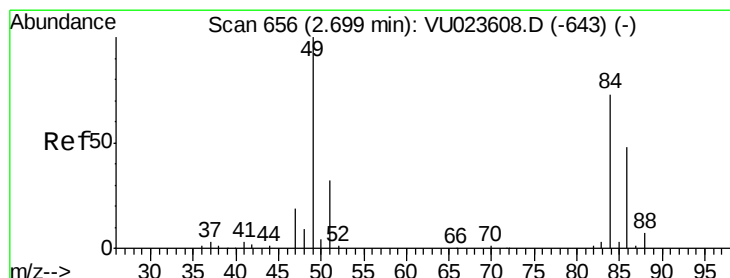
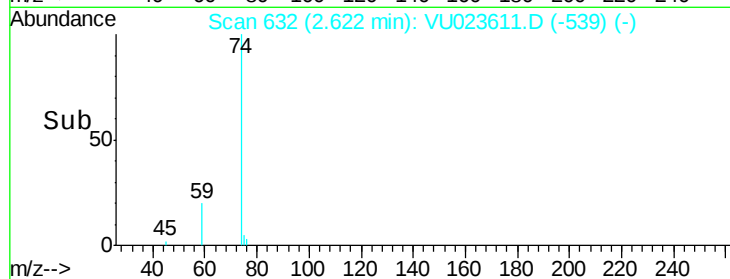
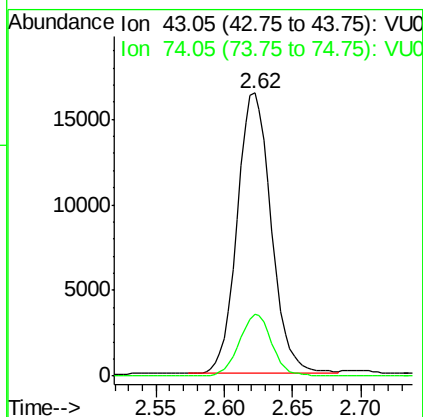
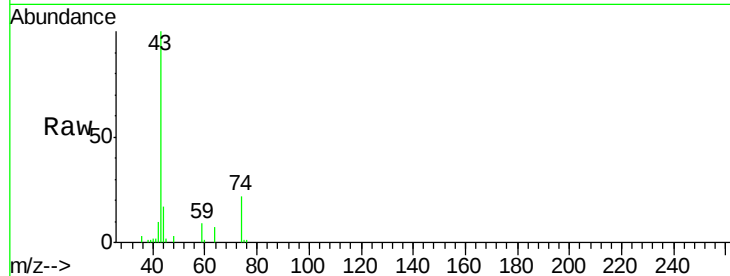
Ion 78.00 (77.70 to 78.70): VU0





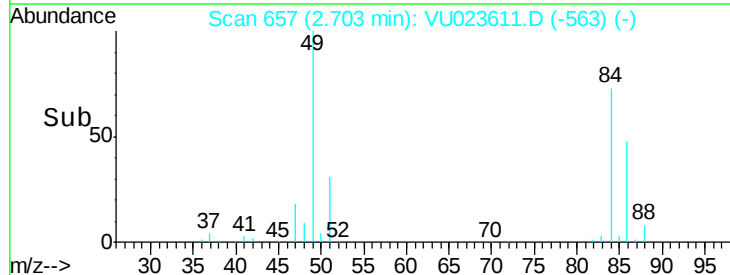
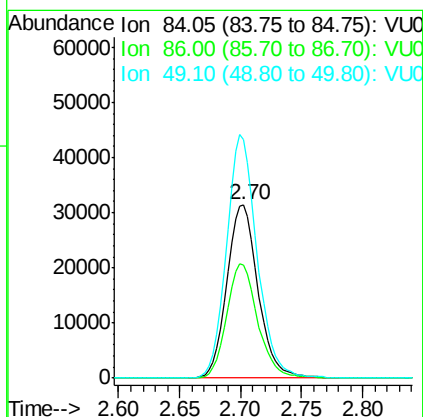
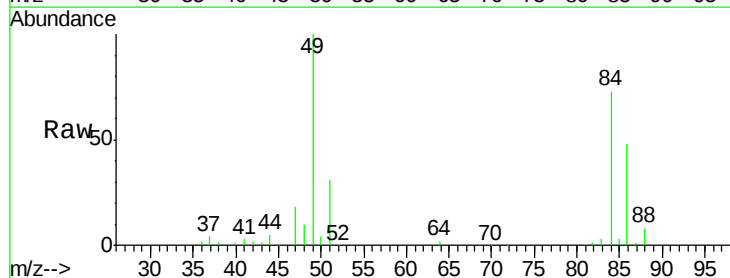
#15
Methyl Acetate
Concen: 4.83 ug/L
RT: 2.62 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

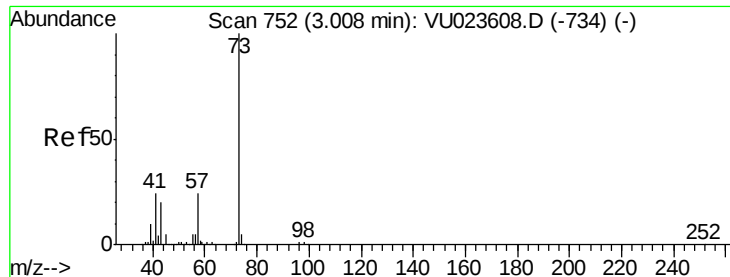
Tgt Ion: 43 Resp: 28432
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8



#16
Methylene chloride
Concen: 4.77 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

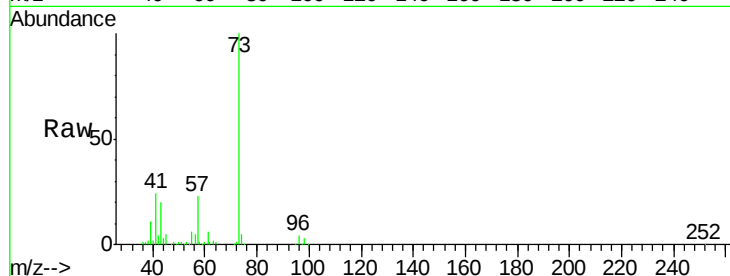
Tgt Ion: 84 Resp: 56238
Ion Ratio Lower Upper
84 100
86 65.5 46.0 85.4
49 137.3 96.0 178.4



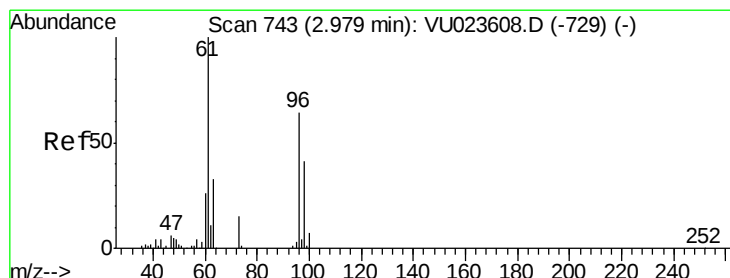
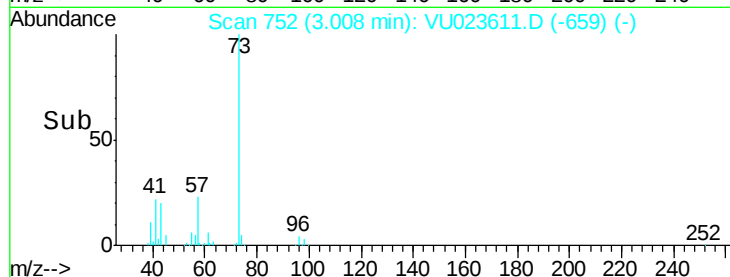
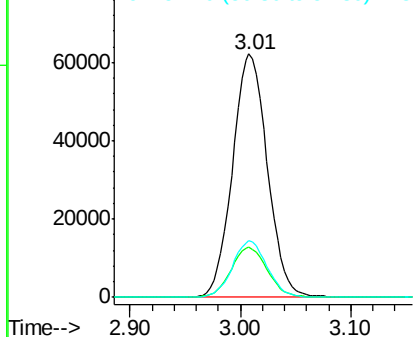


#17
Methyl tert-butyl Ether
Concen: 5.13 ug/L
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:	73	Resp:	135915
Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.6	25.0
57	23.1	19.4	29.0

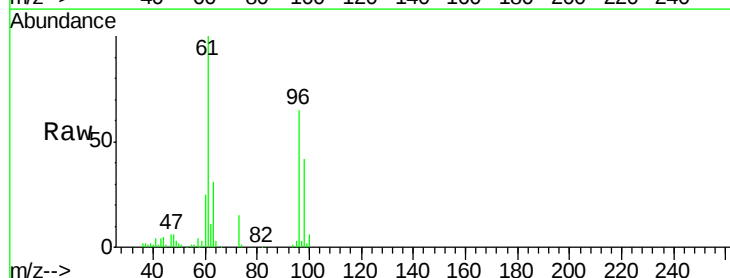


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

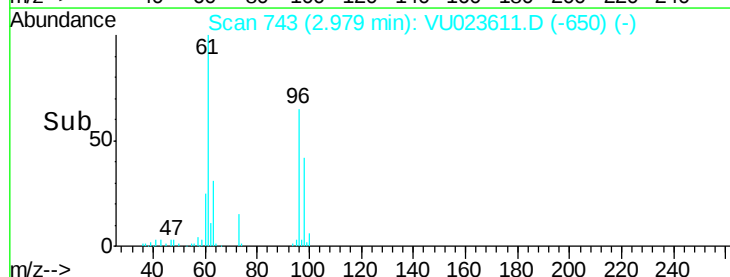
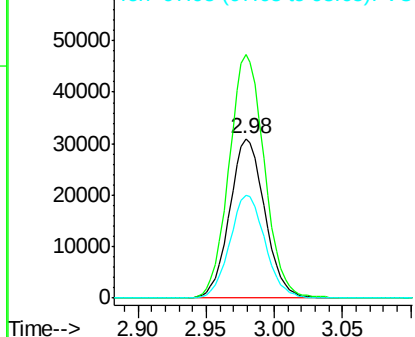


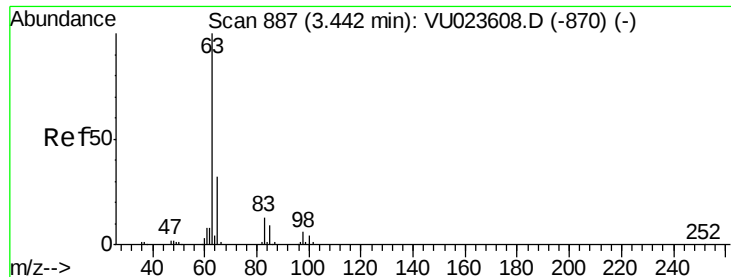
#18
trans-1,2-Dichloroethene
Concen: 4.87 ug/L
RT: 2.98 min Scan# 743
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:	96	Resp:	55370
Ion	Ratio	Lower	Upper
96	100		
61	153.0	109.0	202.4
98	64.8	44.7	83.1



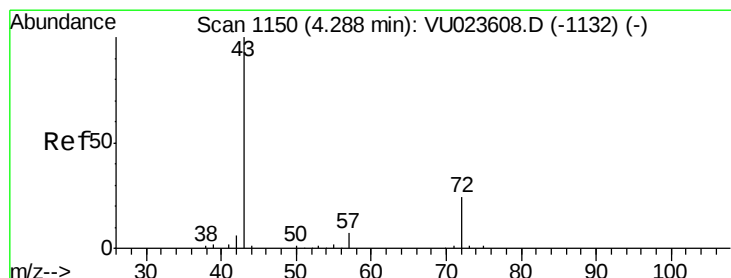
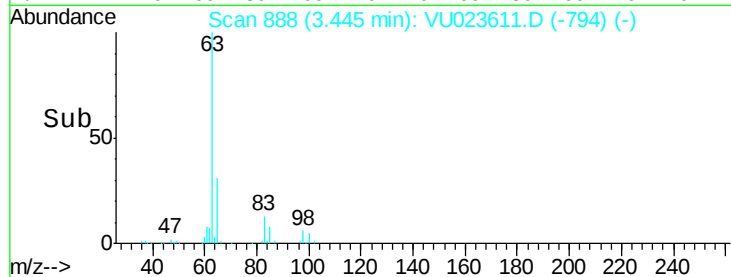
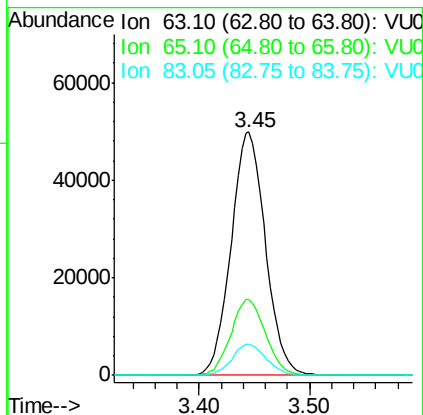
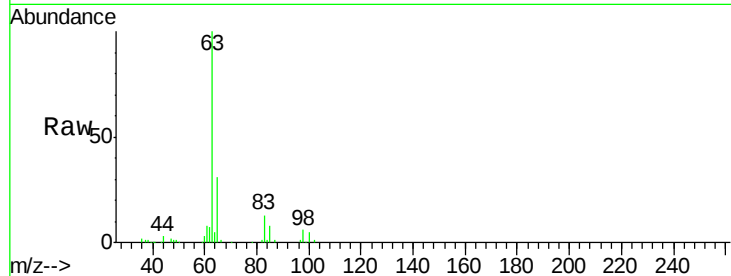
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





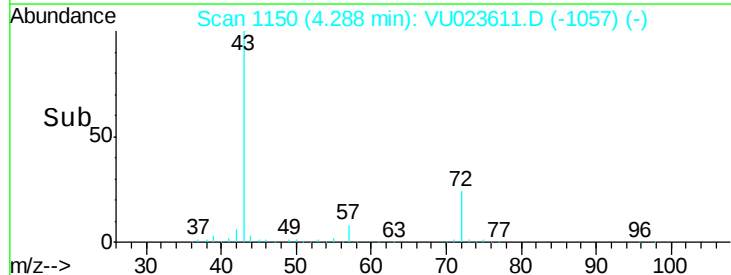
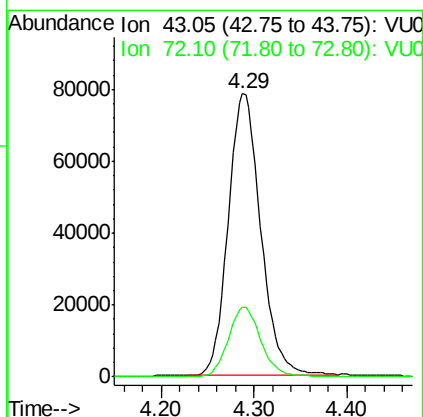
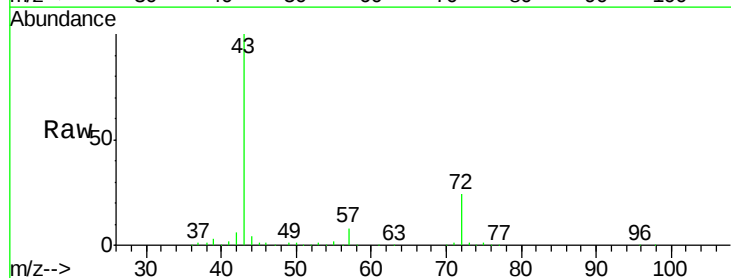
#19
 1,1-Dichloroethane
 Concen: 5.00 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

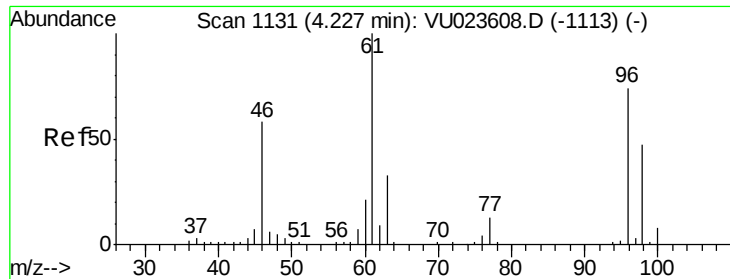
Tgt Ion: 63 Resp: 107590
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.0 41.0
 83 12.7 8.8 16.4



#21
 2-Butanone
 Concen: 49.35 ug/L
 RT: 4.29 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

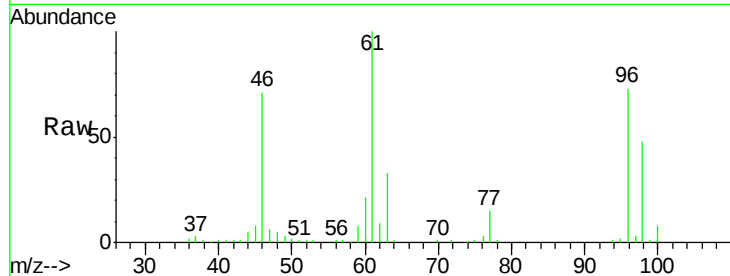
Tgt Ion: 43 Resp: 191092
 Ion Ratio Lower Upper
 43 100
 72 24.0 12.3 36.8



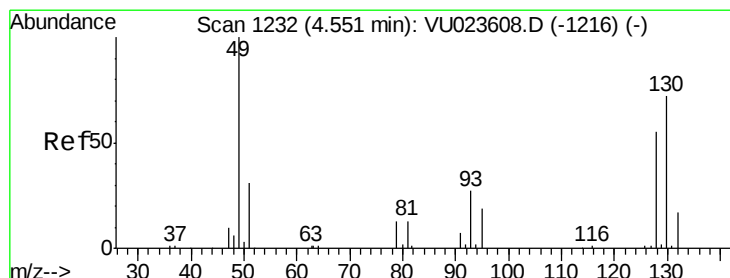
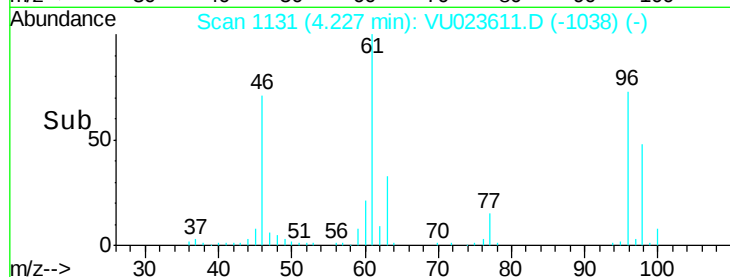
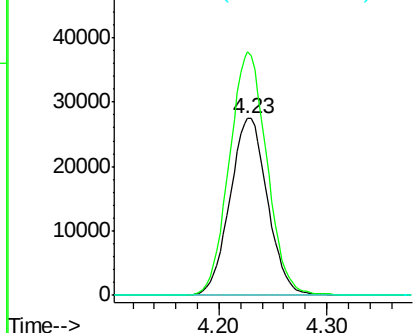


#22
 cis-1,2-Dichloroethene
 Concen: 4.95 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 96 Resp: 66818
 Ion Ratio Lower Upper
 96 100
 61 137.6 94.6 175.6
 68 0.0 0.0 0.0

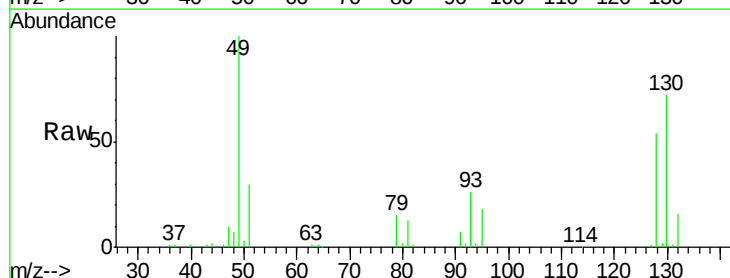


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

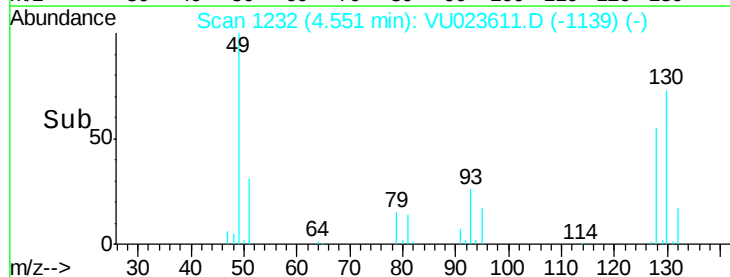
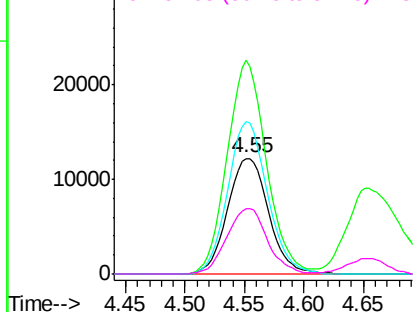


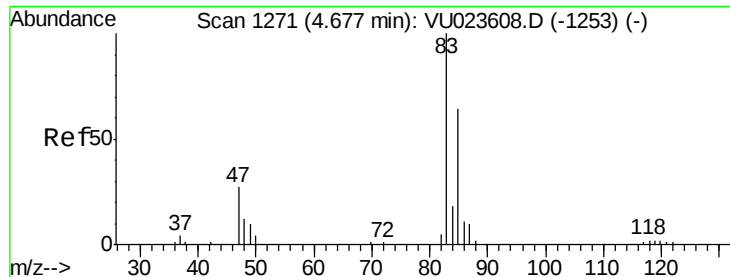
#23
 Bromochloromethane
 Concen: 5.00 ug/L
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 128 Resp: 29194
 Ion Ratio Lower Upper
 128 100
 49 184.8 126.5 234.9
 130 132.3 90.4 168.0
 51 56.0 44.6 66.8



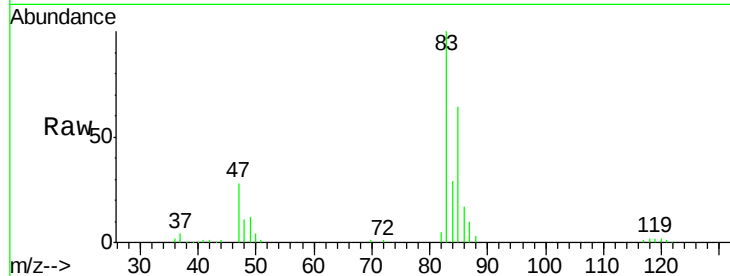
Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0



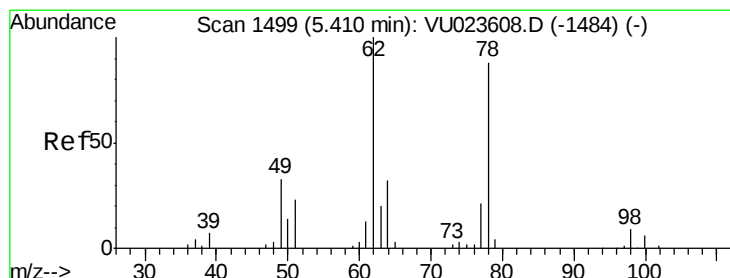
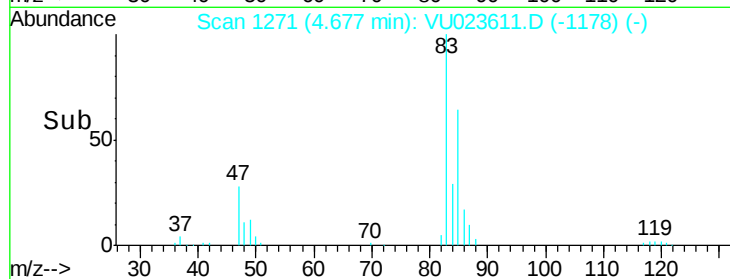
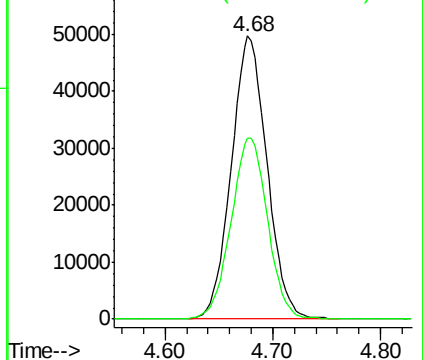


#25
Chloroform
Concen: 4.90 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion: 83 Resp: 114398
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0

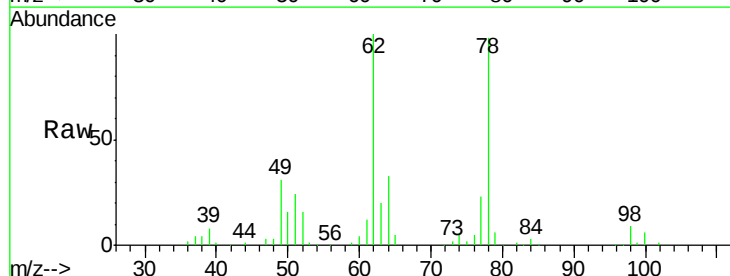


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

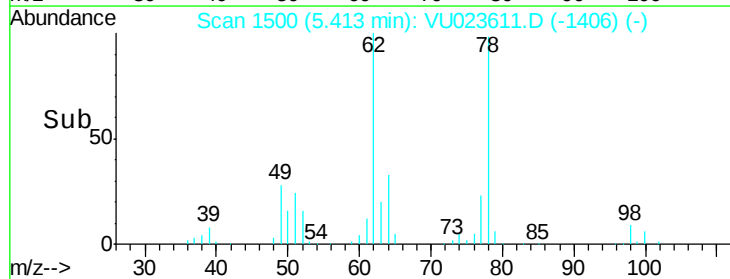
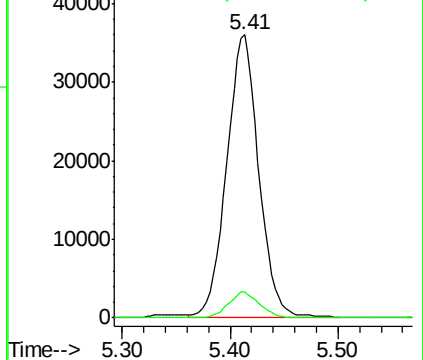


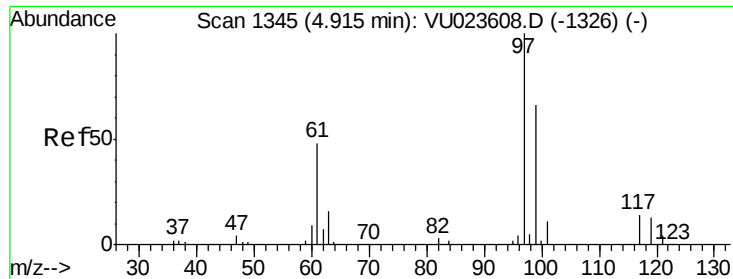
#27
1,2-Dichloroethane
Concen: 4.98 ug/L
RT: 5.41 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion: 62 Resp: 74049
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0



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





#29

1,1,1-Trichloroethane

Concen: 4.97 ug/L

RT: 4.91 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

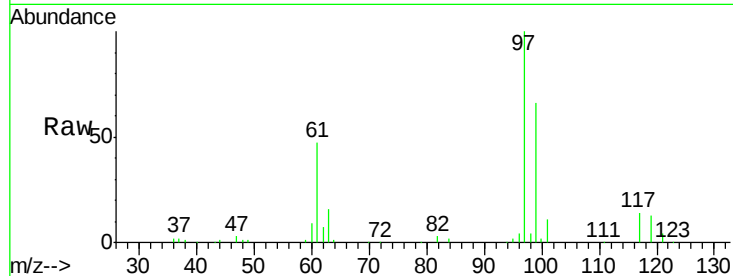
Tgt Ion: 97 Resp: 93225

Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 46.1 37.8 56.6

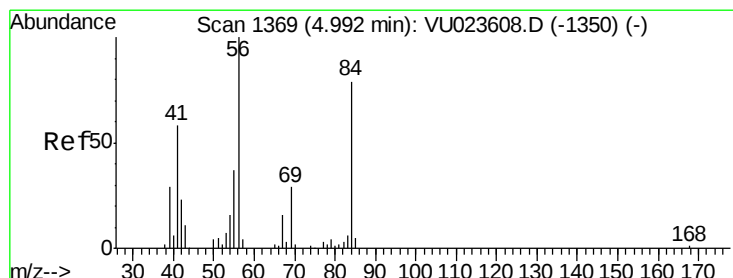
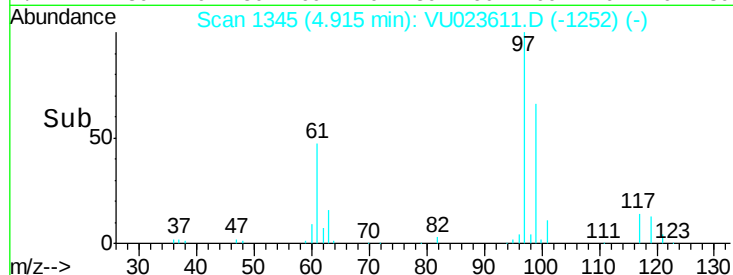
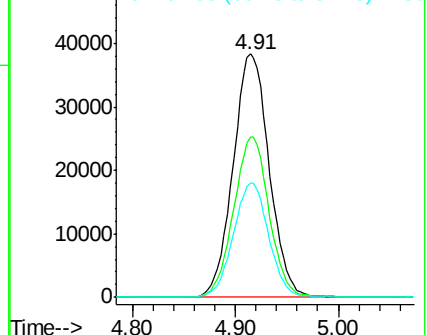


Abundance

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: 4.94 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

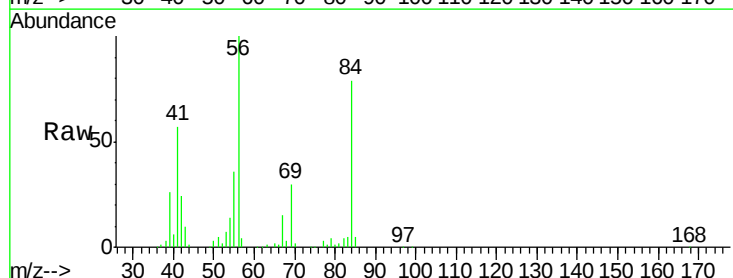
Tgt Ion: 56 Resp: 105263

Ion Ratio Lower Upper

56 100

69 29.7 23.6 35.4

84 80.2 64.4 96.6

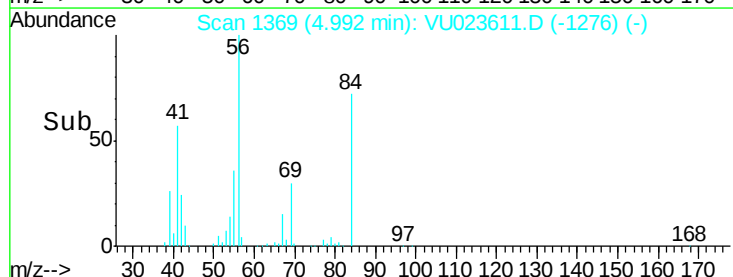
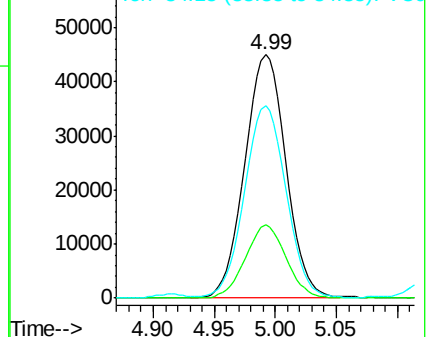


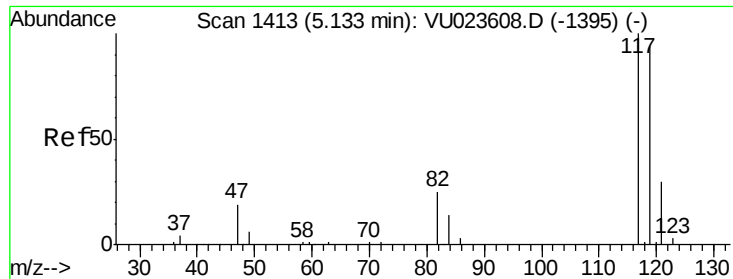
Abundance

Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 5.02 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VU023611.D

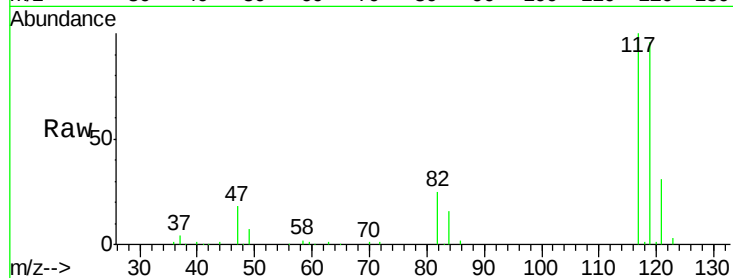
Acq: 03 May 2018 19:28

Tgt Ion: 117 Resp: 78601

Ion Ratio Lower Upper

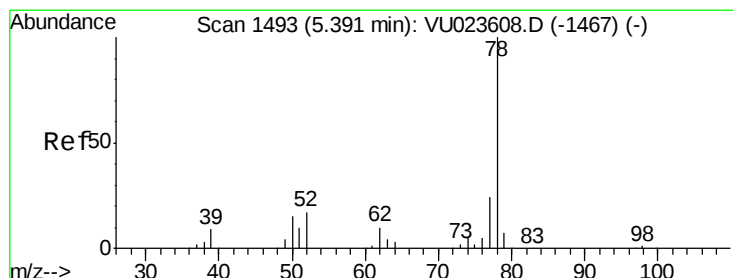
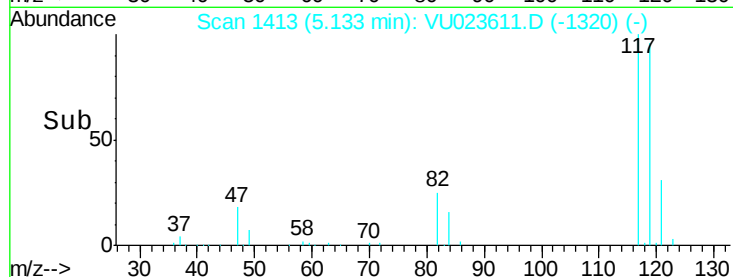
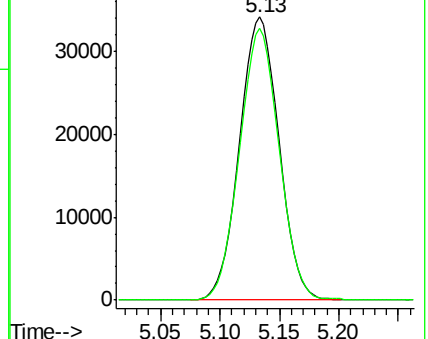
117 100

119 96.1 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: 4.97 ug/L

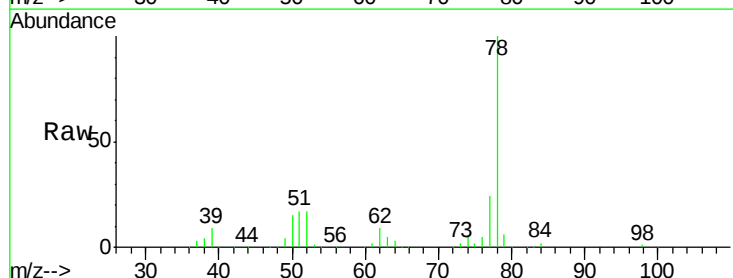
RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

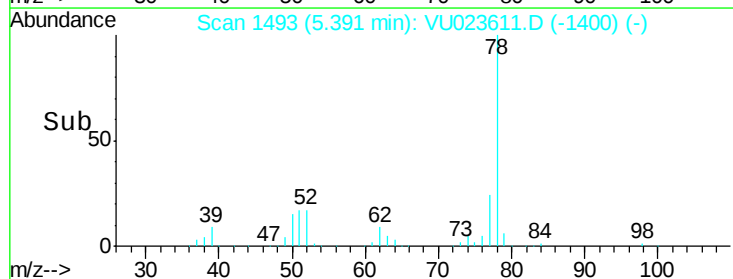
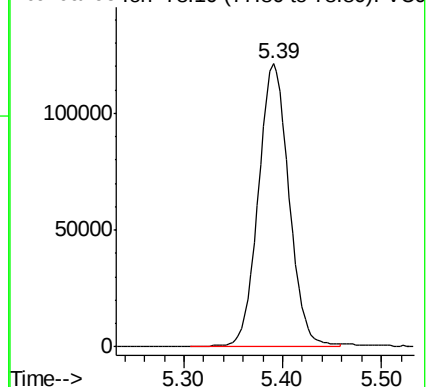
Lab File: VU023611.D

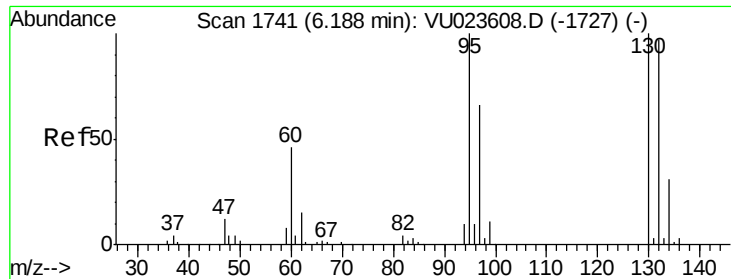
Acq: 03 May 2018 19:28

Tgt Ion: 78 Resp: 259901



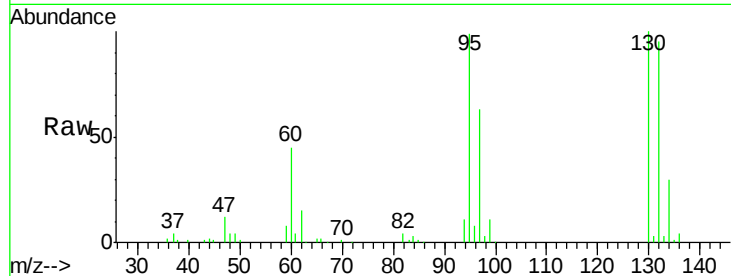
Abundance Ion 78.10 (77.80 to 78.80): VU0



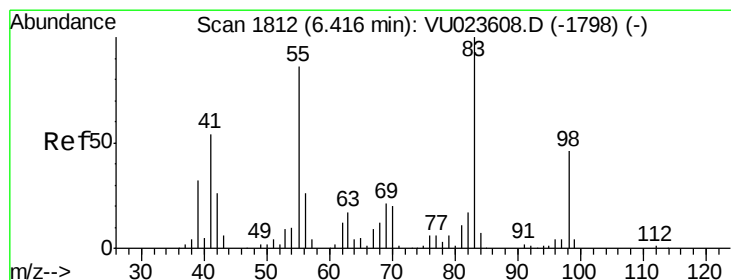
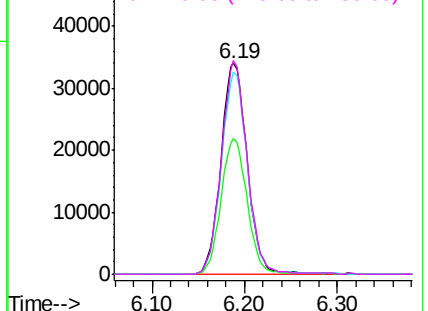
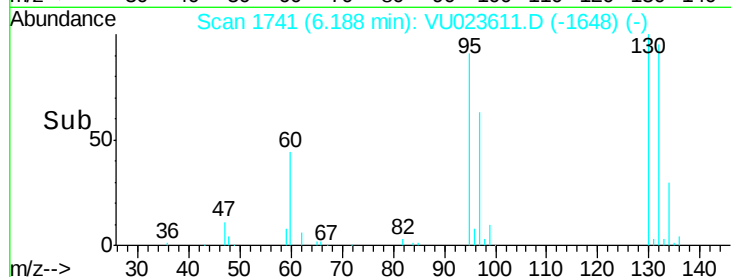


#34
 Trichloroethene
 Concen: 4.91 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 95 Resp: 66940
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.0 85.4
 132 95.7 68.1 126.5
 130 101.2 70.1 130.1

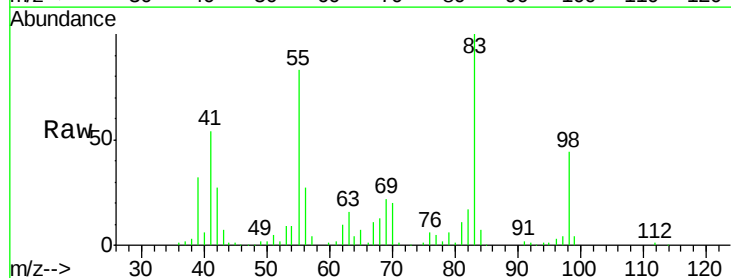


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

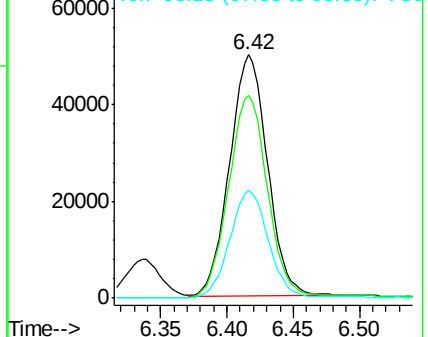
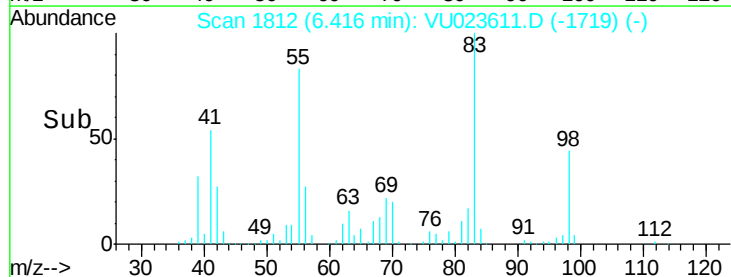


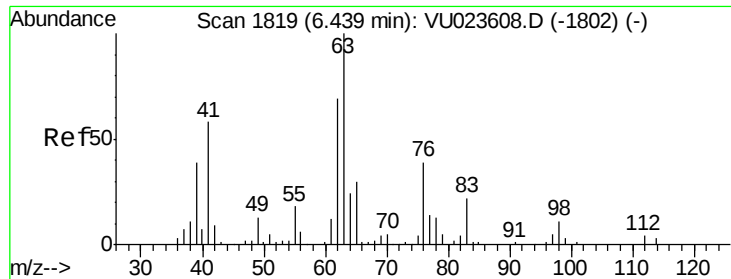
#35
 Methylcyclohexane
 Concen: 4.83 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 83 Resp: 99787
 Ion Ratio Lower Upper
 83 100
 55 86.5 68.4 102.6
 98 45.5 36.7 55.1



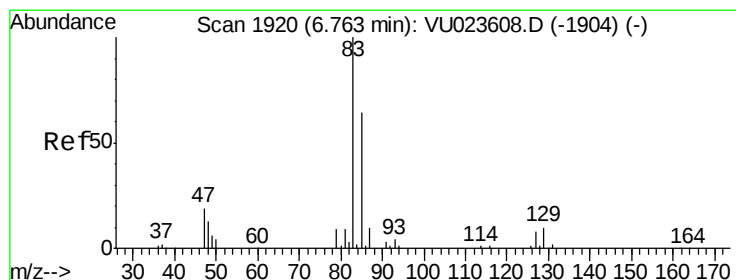
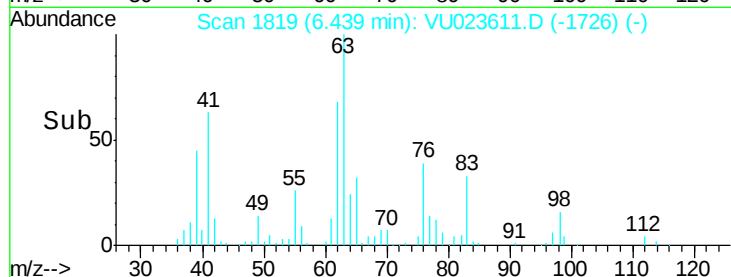
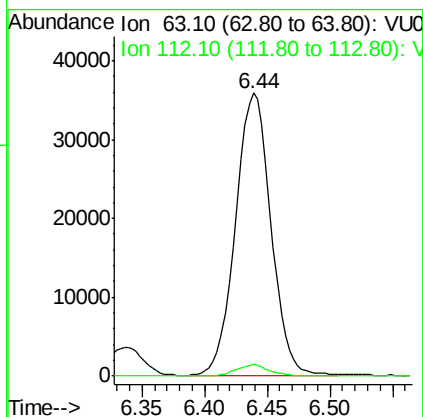
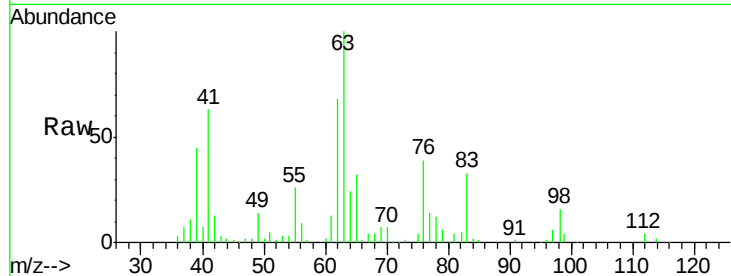
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





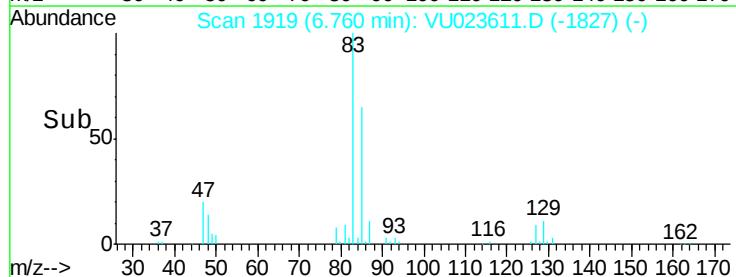
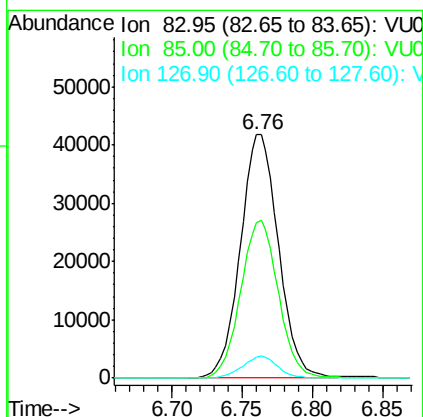
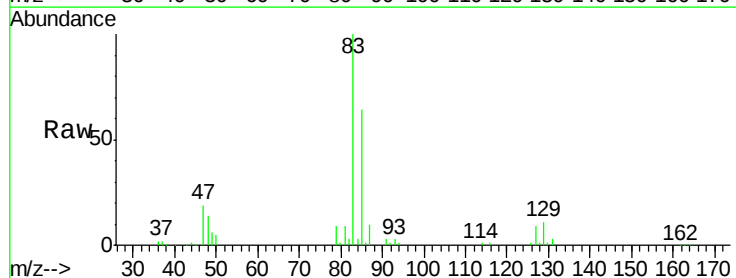
#37
 1,2-Dichloropropane
 Concen: 4.82 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

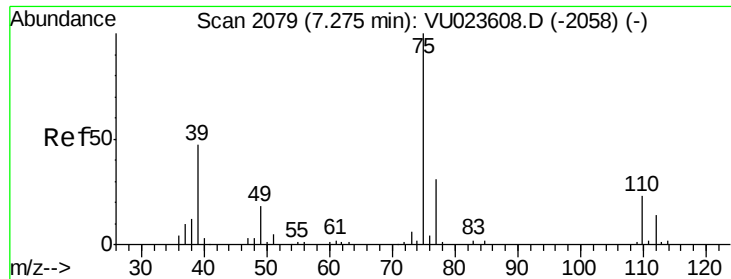
Tgt Ion: 63 Resp: 70172
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.4



#38
 Bromodichloromethane
 Concen: 4.94 ug/L
 RT: 6.76 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

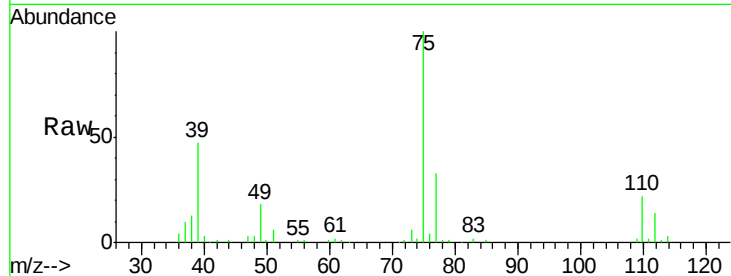
Tgt Ion: 83 Resp: 78982
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.1 83.7
 127 8.5 6.7 10.1



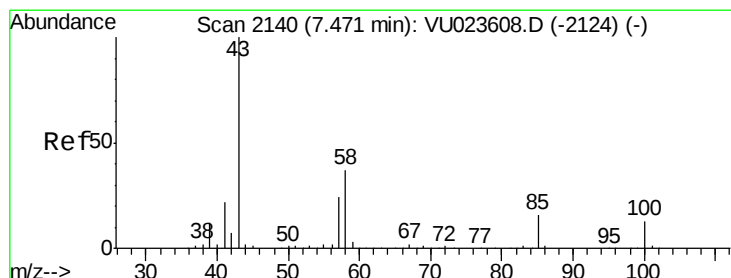
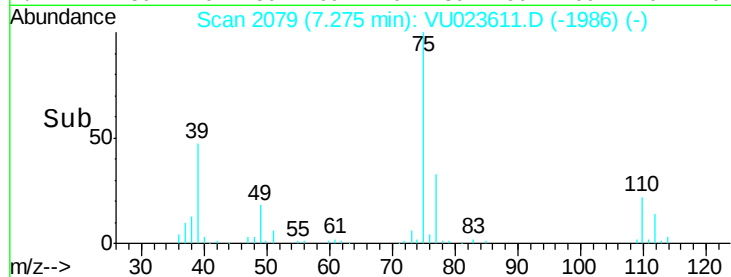
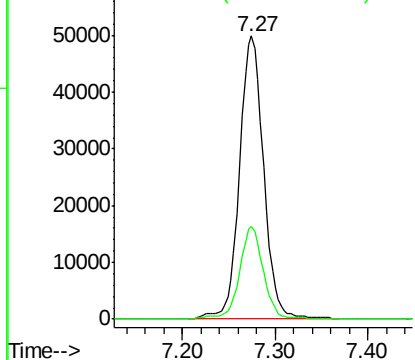


#39
 cis-1,3-Dichloropropene
 Concen: 4.97 ug/L
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 75 Resp: 90367
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.0 41.0

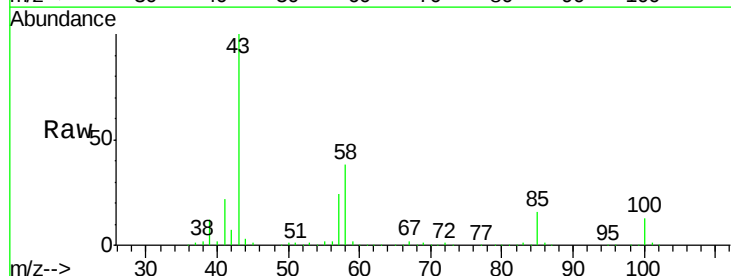


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0

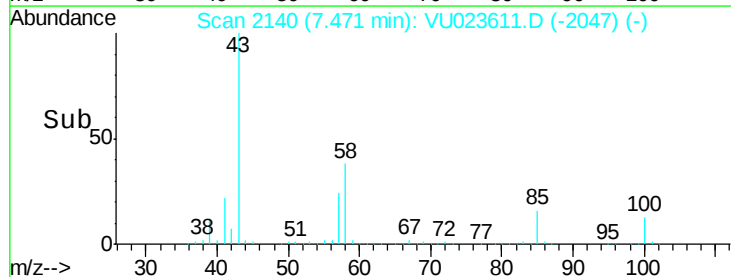
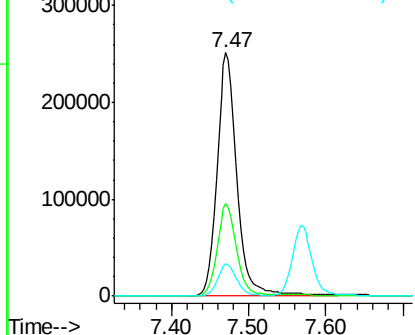


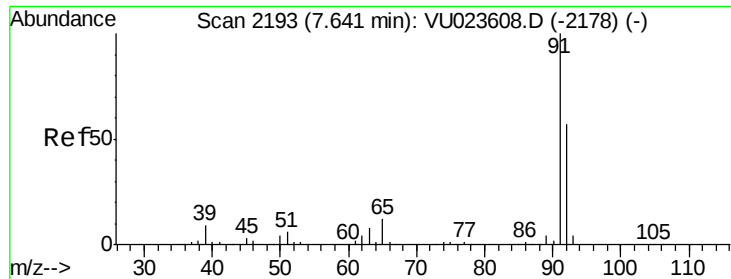
#40
 4-Methyl-2-pentanone
 Concen: 51.30 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 43 Resp: 455216
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.7 44.5
 100 13.0 10.1 15.1



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





#42

Toluene

Concen: 5.13 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023611.D

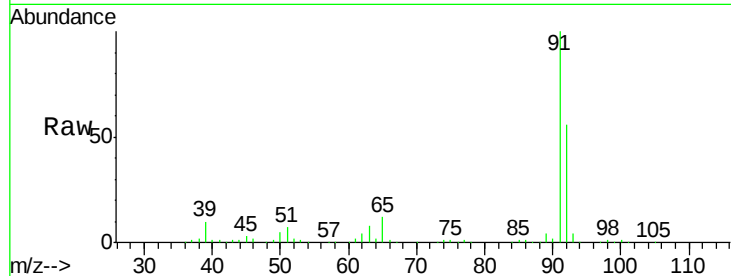
Acq: 03 May 2018 19:28

Tgt Ion: 91 Resp: 273524

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

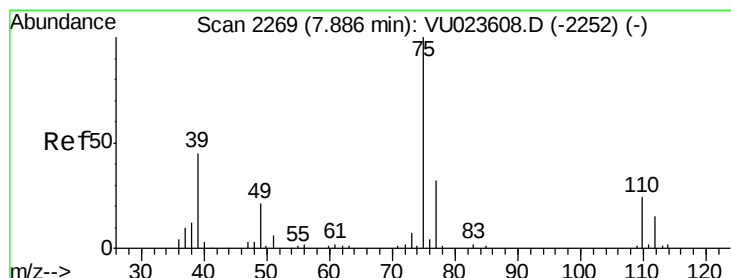
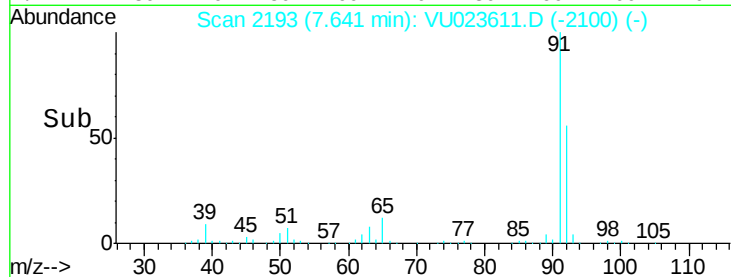
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.03 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023611.D

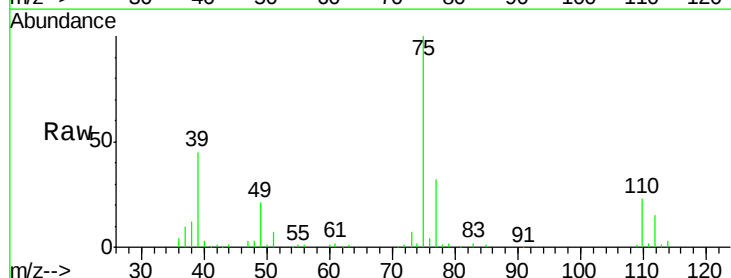
Acq: 03 May 2018 19:28

Tgt Ion: 75 Resp: 74541

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.89

50000

40000

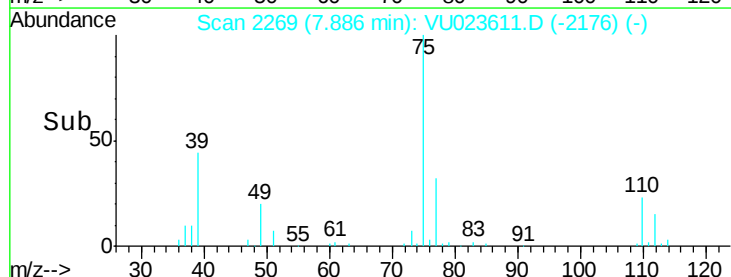
30000

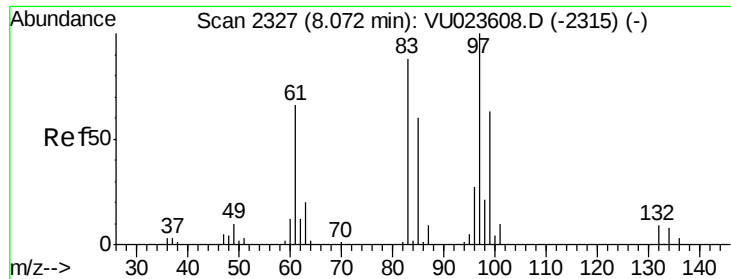
20000

10000

0

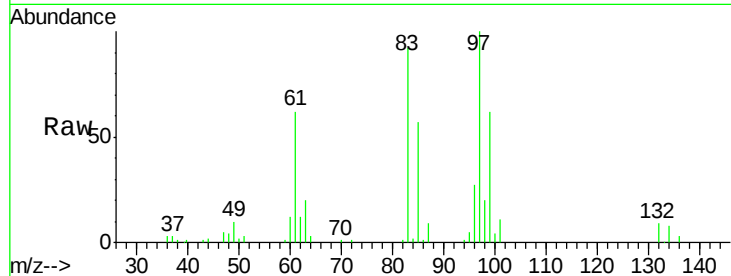
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 5.03 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion:	97	Resp:	45996
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.0	81.8
83	92.4	61.6	114.4
85	57.4	41.8	77.6

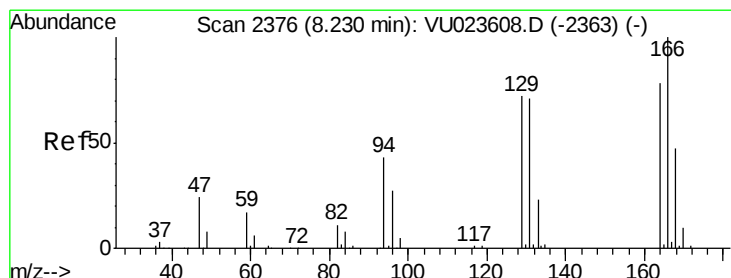
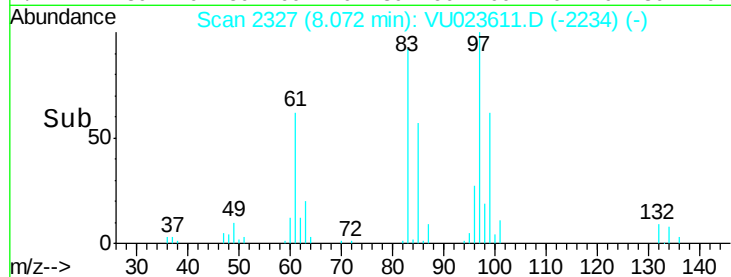
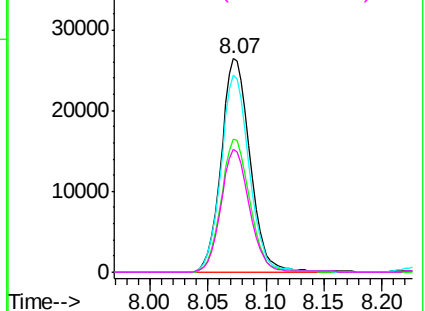


Abundance Ion 96.95 (96.65 to 97.65): VU023611.D (-2234) (-)

Ion 99.05 (98.75 to 99.75): VU023611.D (-2234) (-)

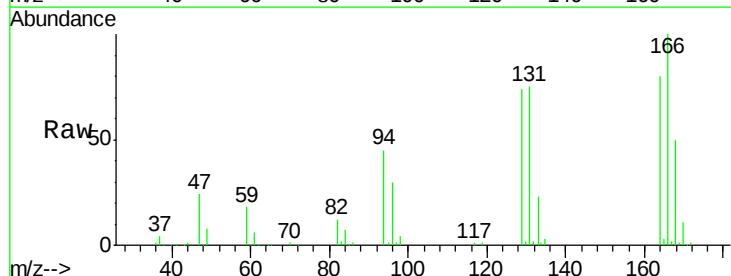
Ion 82.95 (82.65 to 83.65): VU023611.D (-2234) (-)

Ion 85.00 (84.70 to 85.70): VU023611.D (-2234) (-)



#47
 Tetrachloroethene
 Concen: 4.96 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion:	164	Resp:	53500
Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.4	119.6
131	94.0	63.9	118.7
166	125.4	90.0	167.2

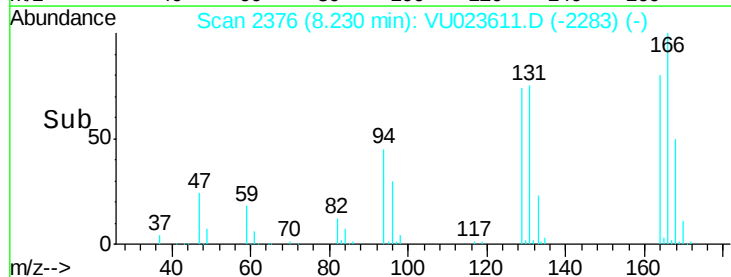
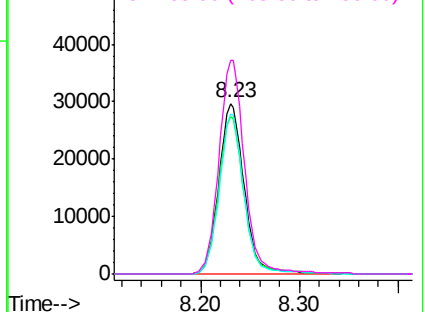


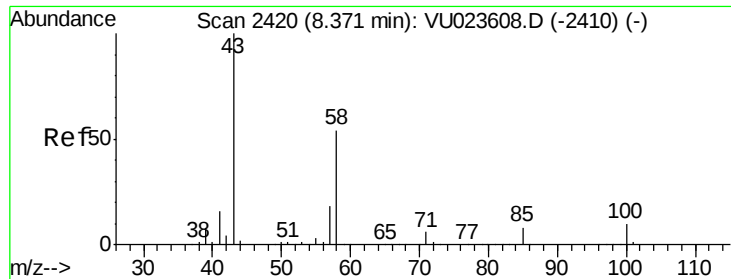
Abundance Ion 163.90 (163.60 to 164.60): VU023611.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023611.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023611.D (-2283) (-)

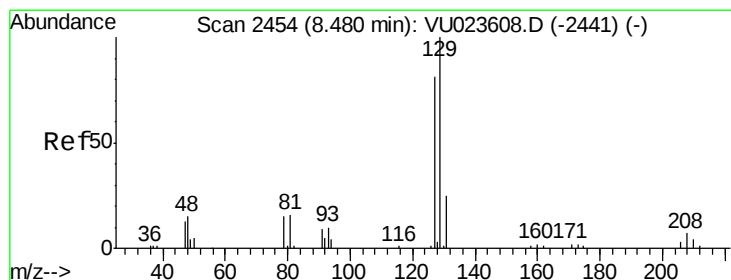
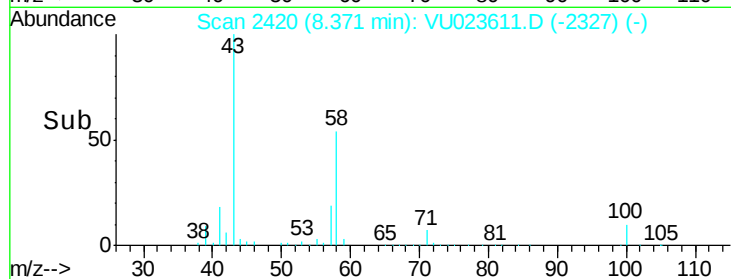
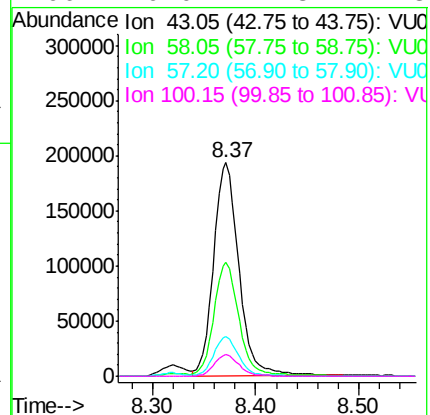
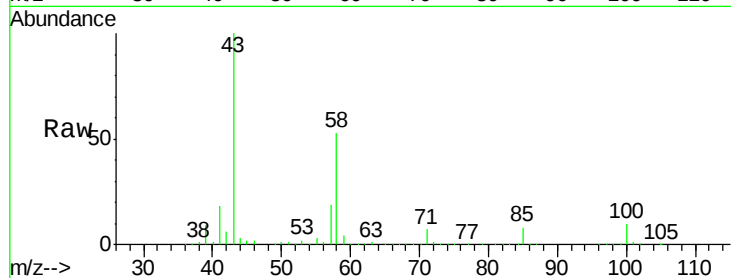
Ion 165.90 (165.60 to 166.60): VU023611.D (-2283) (-)





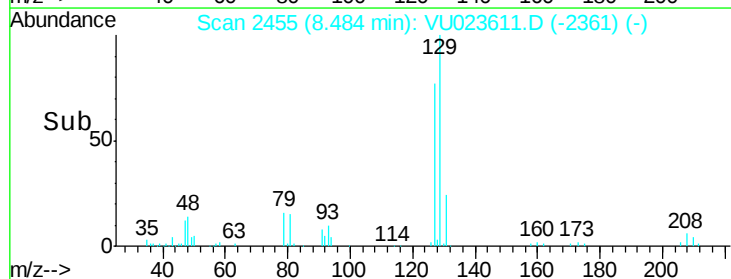
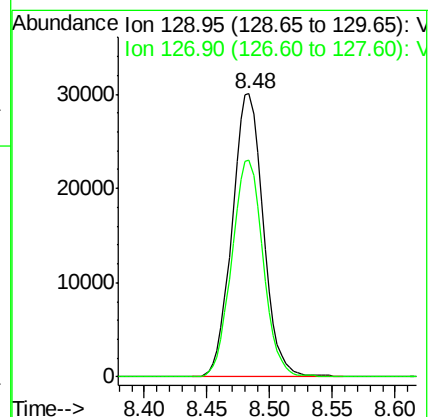
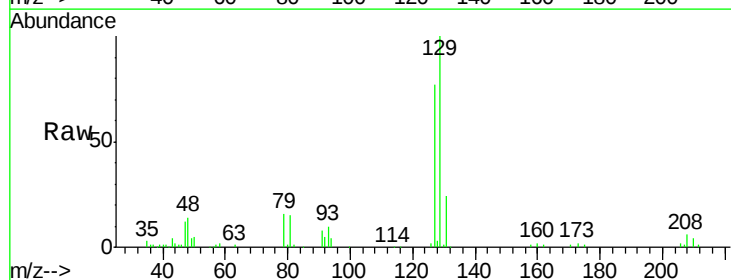
#48
2-Hexanone
Concen: 50.94 ug/L
RT: 8.37 min Scan# 2420
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

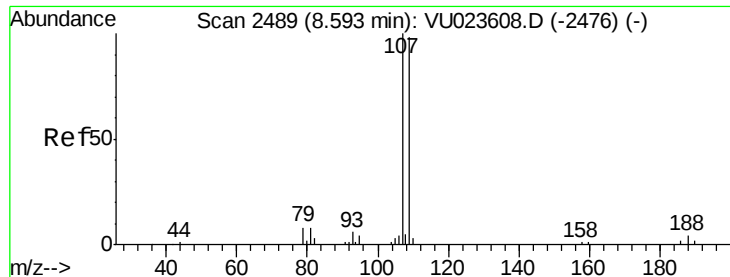
Tgt Ion:	43	Resp:	327406
Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.1	63.1
57	18.4	14.3	21.5
100	10.0	7.8	11.8



#49
Dibromochloromethane
Concen: 4.96 ug/L
RT: 8.48 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

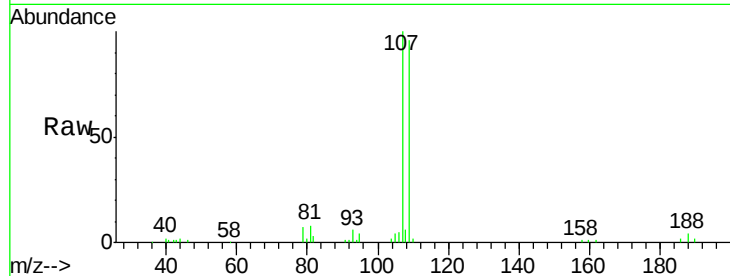
Tgt Ion:	129	Resp:	51853
Ion	Ratio	Lower	Upper
129	100		
127	76.7	56.9	105.7



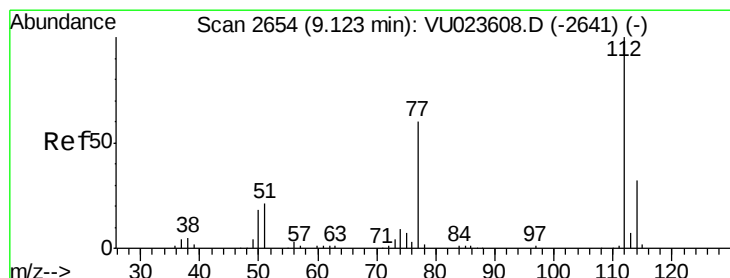
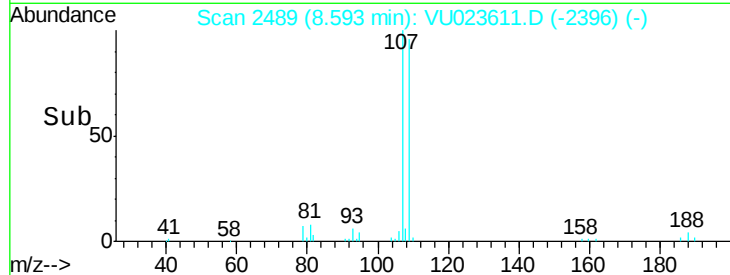
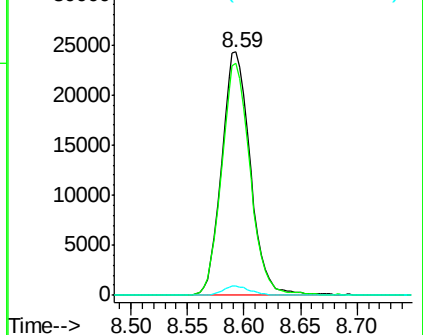


#50
1,2-Dibromoethane
Concen: 5.04 ug/L
RT: 8.59 min Scan# 2489
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:107 Resp: 43014
Ion Ratio Lower Upper
107 100
109 95.5 68.4 127.0
188 3.7 3.0 4.4

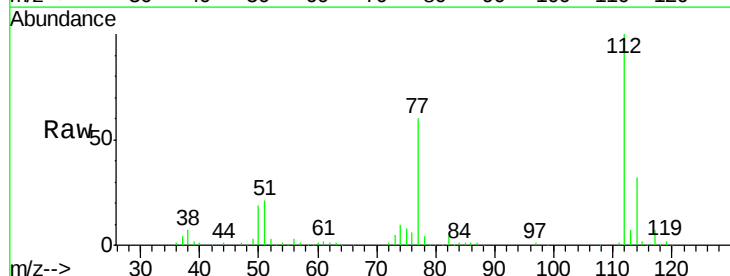


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

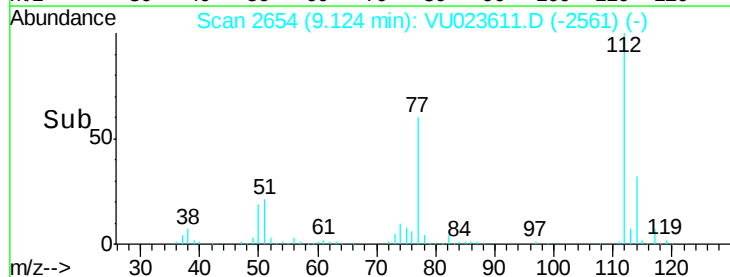
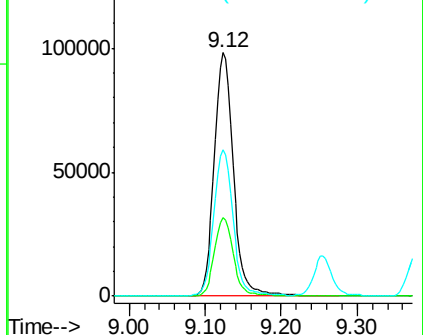


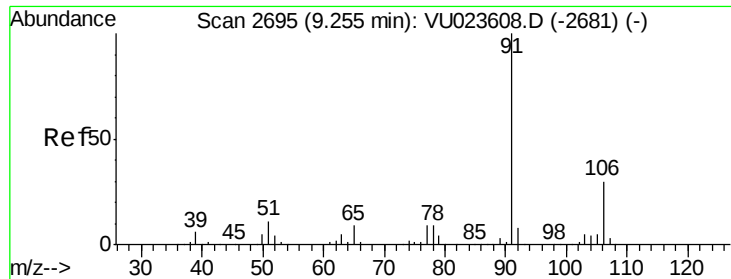
#51
Chlorobenzene
Concen: 4.92 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:112 Resp: 171886
Ion Ratio Lower Upper
112 100
114 32.1 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





#52

Ethylbenzene

Concen: 5.06 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023611.D

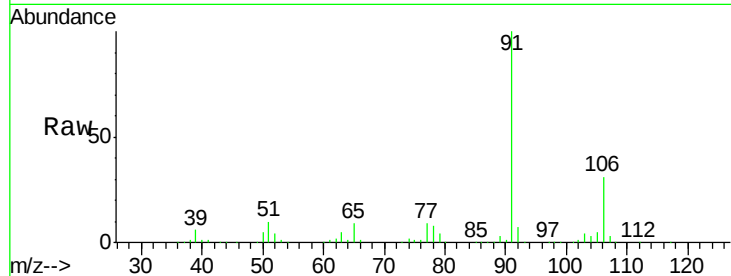
Acq: 03 May 2018 19:28

Tgt Ion: 91 Resp: 286430

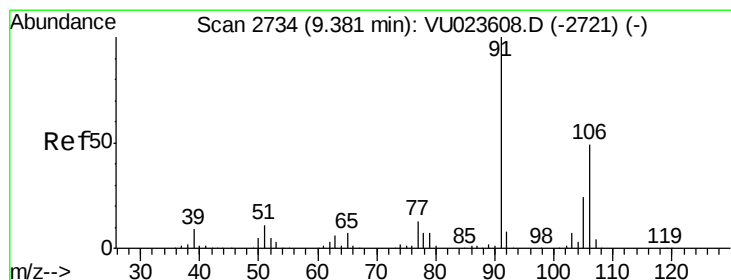
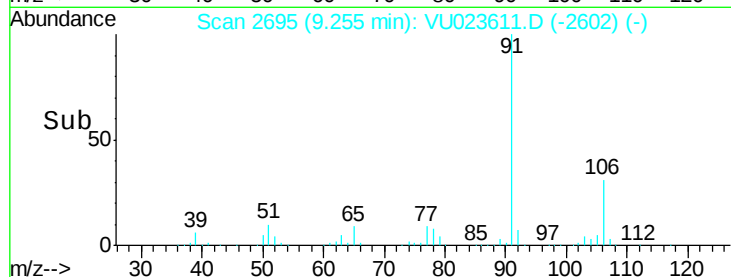
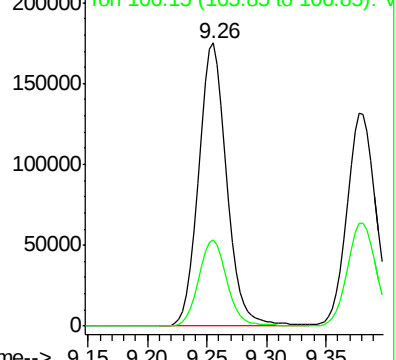
Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023611.D (-2602) (-)



#53

m,p-xylene

Concen: 5.15 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023611.D

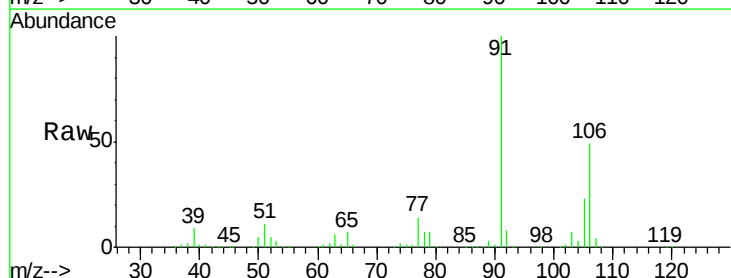
Acq: 03 May 2018 19:28

Tgt Ion: 106 Resp: 109500

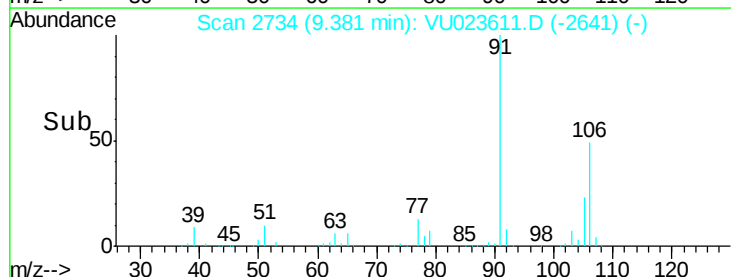
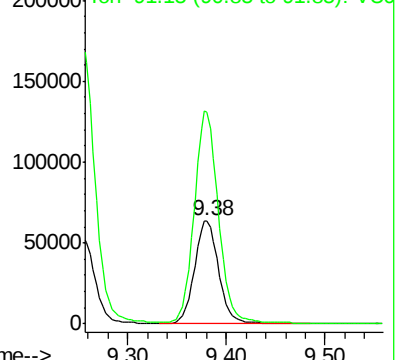
Ion Ratio Lower Upper

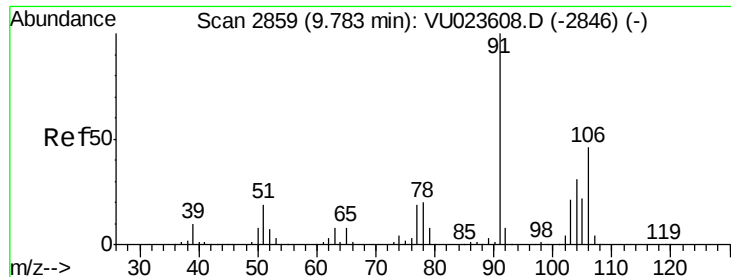
106 100

91 205.7 142.4 264.4



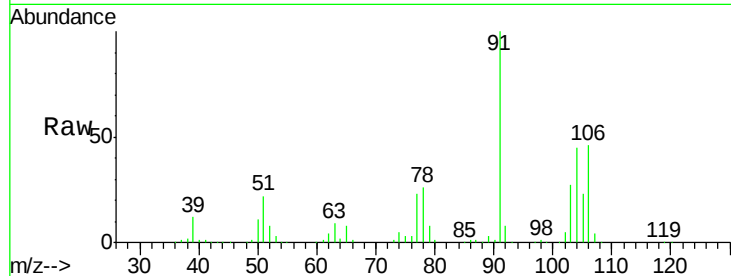
Abundance Ion 106.15 (105.85 to 106.85): VU023611.D (-2641) (-)



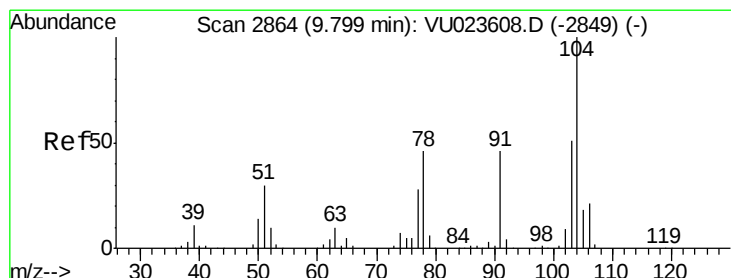
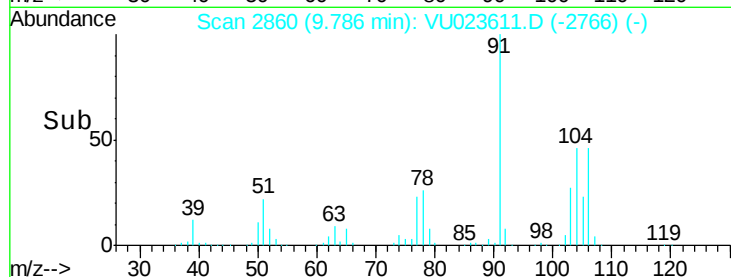
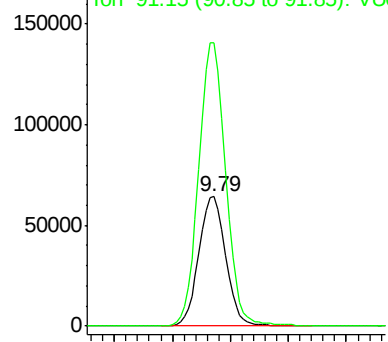


#54
o-xylene
Concen: 5.12 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:106 Resp: 103034
Ion Ratio Lower Upper
106 100
91 218.9 151.5 281.5

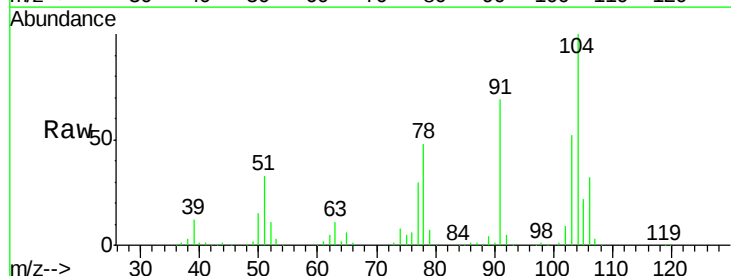


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

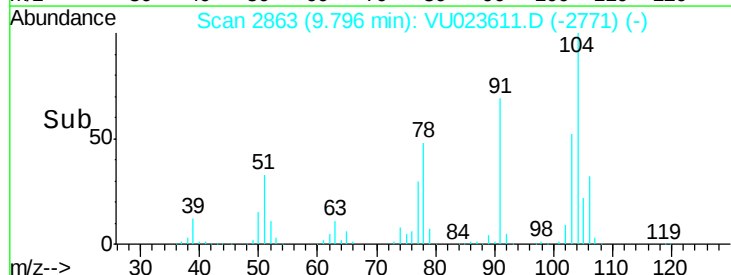
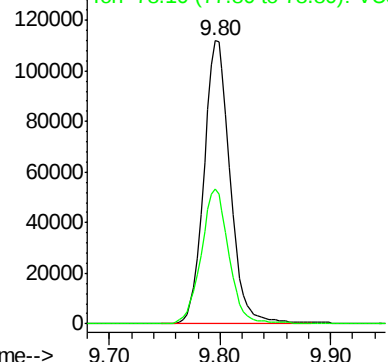


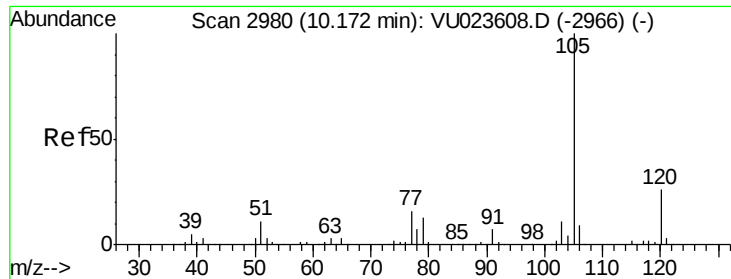
#55
Styrene
Concen: 5.23 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion:104 Resp: 184390
Ion Ratio Lower Upper
104 100
78 47.9 32.0 59.4



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





#56

Isopropylbenzene

Concen: 5.18 ug/L

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

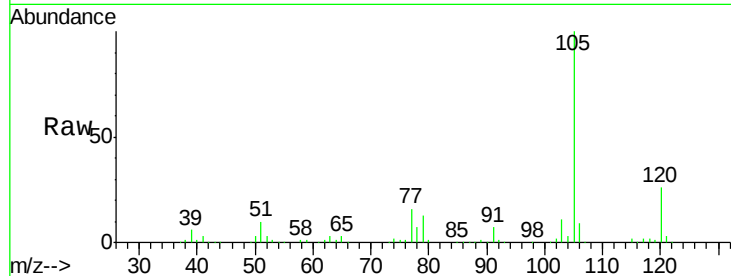
Tgt Ion: 105 Resp: 275632

Ion Ratio Lower Upper

105 100

120 25.9 21.1 31.7

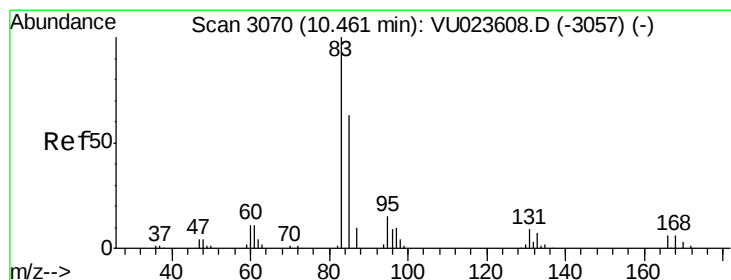
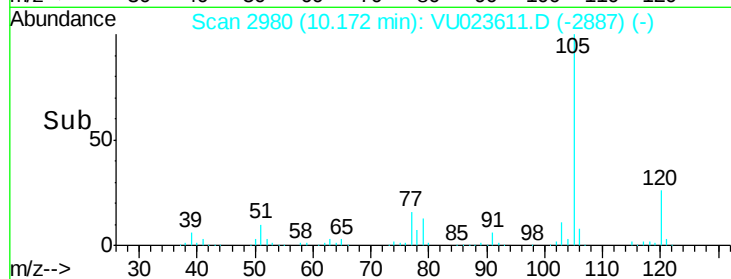
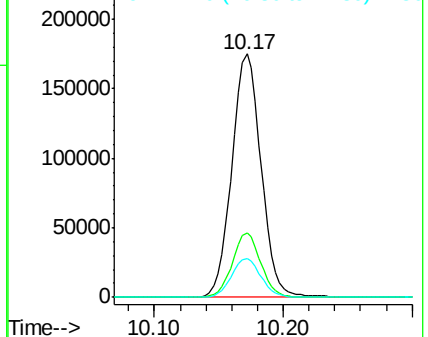
77 16.3 13.1 19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.02 ug/L

RT: 10.46 min Scan# 3071

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

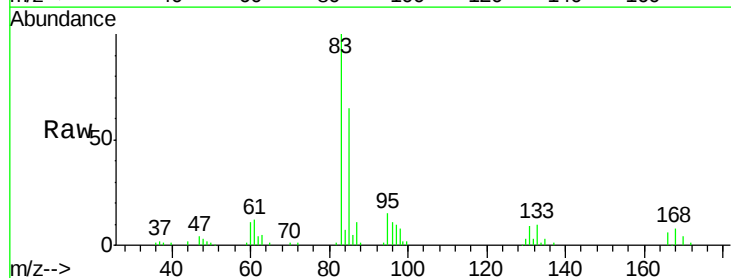
Tgt Ion: 83 Resp: 61007

Ion Ratio Lower Upper

83 100

85 65.5 44.2 82.2

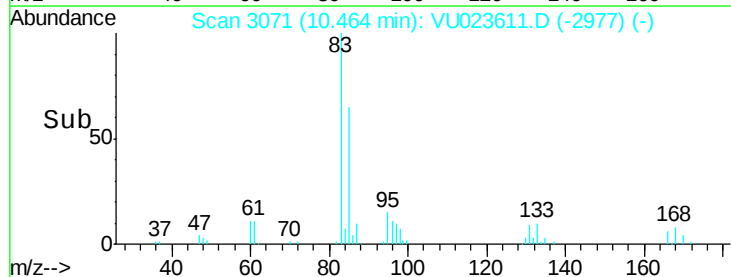
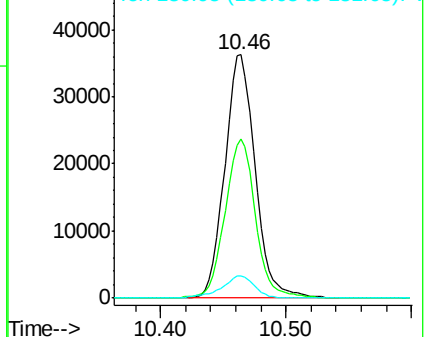
131 9.1 7.3 10.9

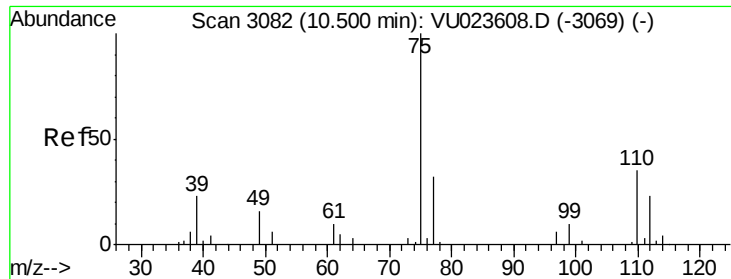


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

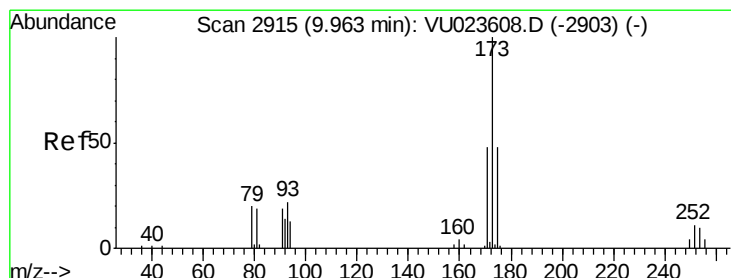
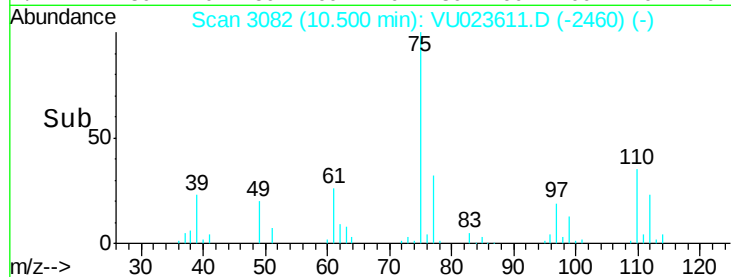
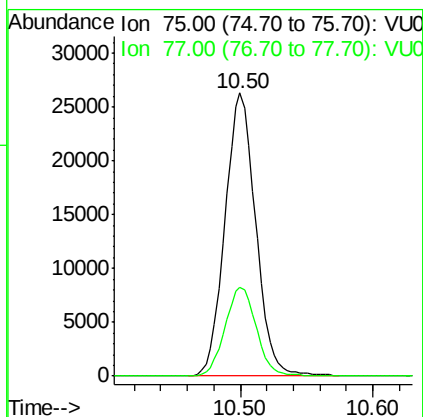
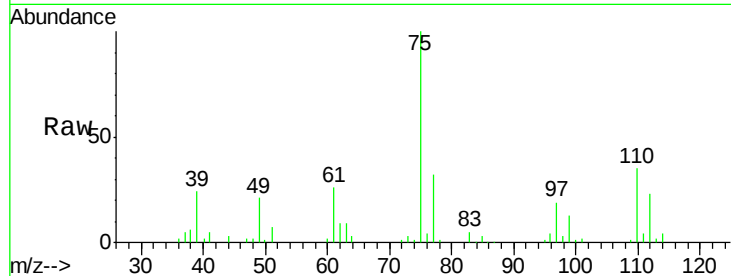
Ion 130.95 (130.65 to 131.65): V





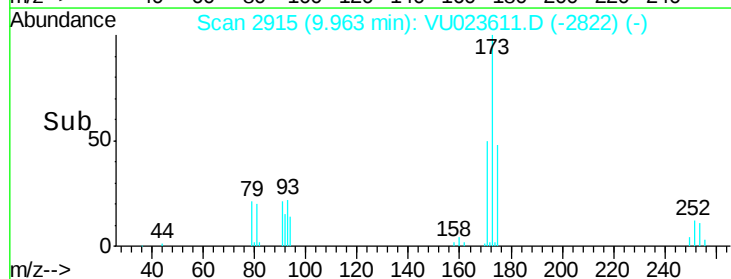
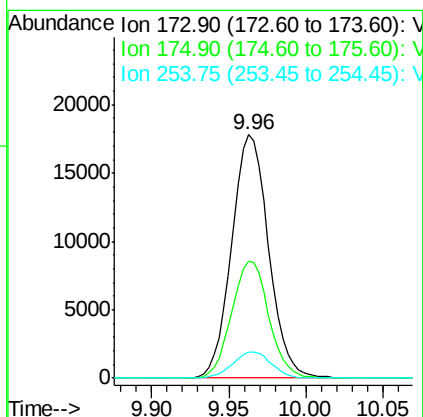
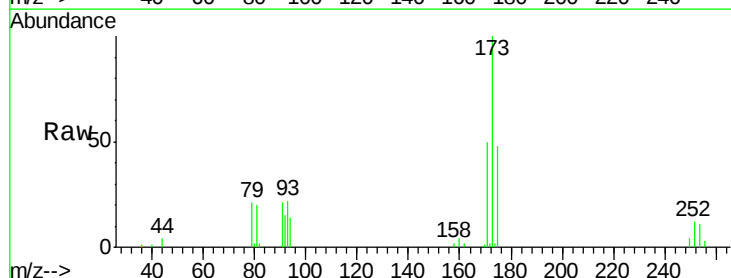
#59
 1,2,3-Trichloropropane
 Concen: 4.94 ug/L
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

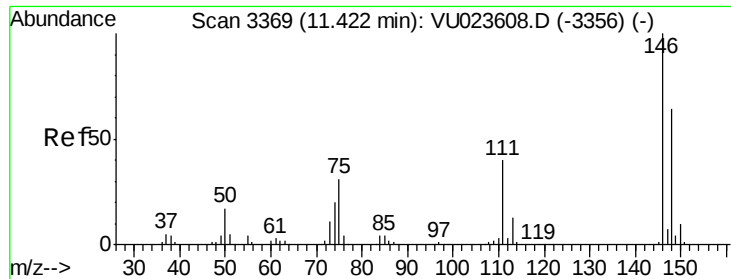
Tgt Ion: 75 Resp: 42309
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.0 39.0



#61
 Bromoform
 Concen: 4.92 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion: 173 Resp: 29470
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.1 57.1
 254 11.2 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.02 ug/L

RT: 11.42 min Scan# 3369

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

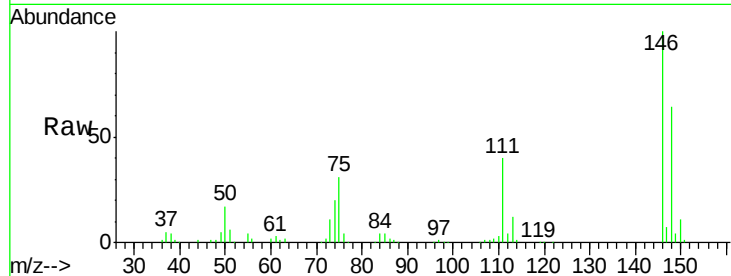
Tgt Ion:146 Resp: 134653

Ion Ratio Lower Upper

146 100

111 40.1 27.9 51.9

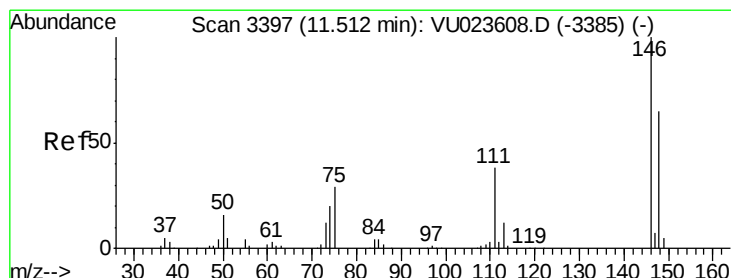
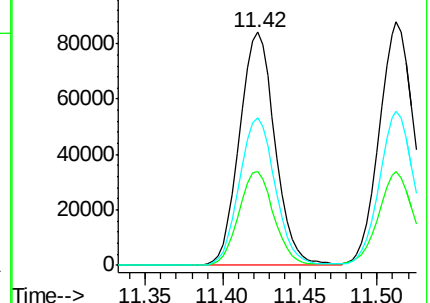
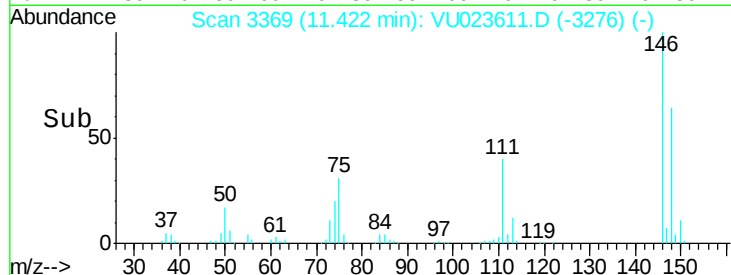
148 63.5 44.7 83.1



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: 4.98 ug/L

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

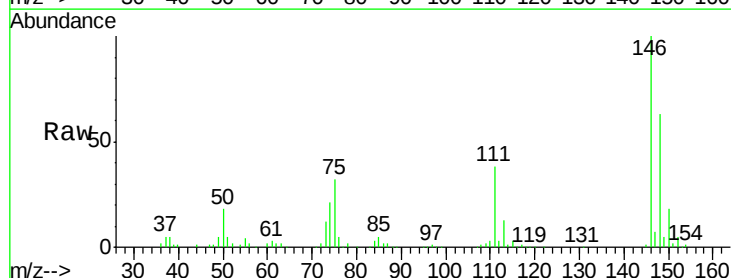
Tgt Ion:146 Resp: 140852

Ion Ratio Lower Upper

146 100

111 38.4 26.7 49.5

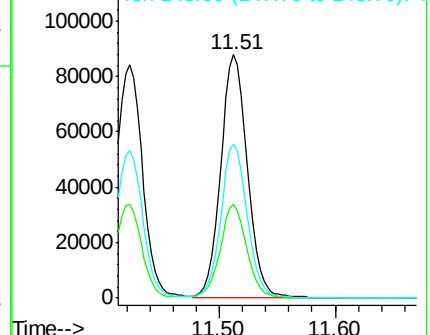
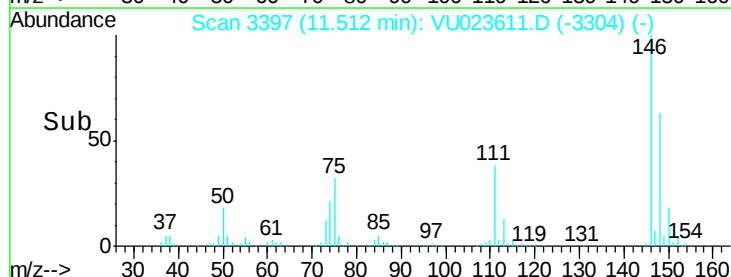
148 63.4 45.4 84.4

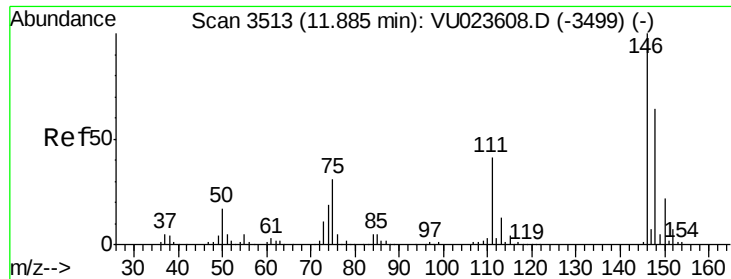


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.02 ug/L

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

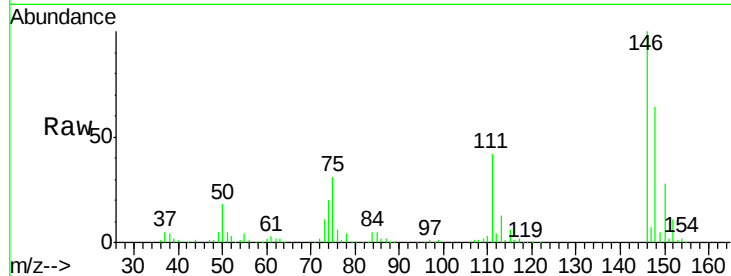
Tgt Ion: 146 Resp: 131325

Ion Ratio Lower Upper

146 100

111 41.7 33.0 49.6

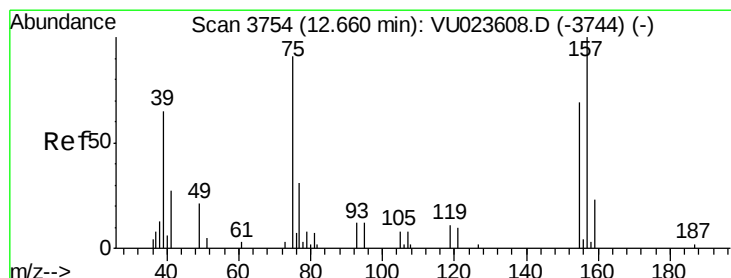
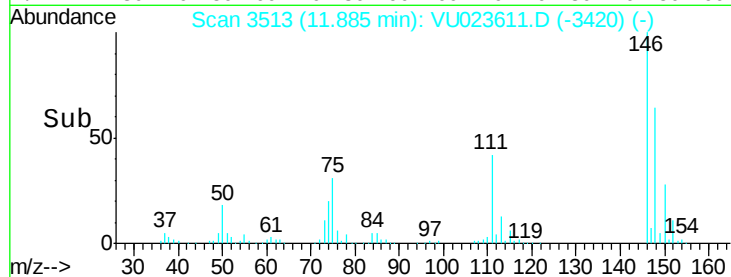
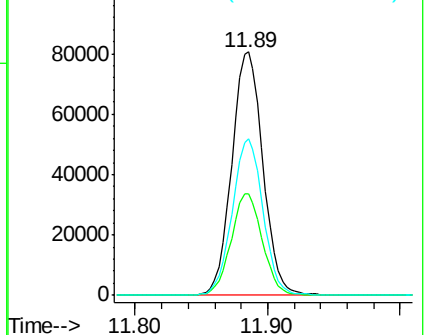
148 64.2 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 5.26 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU023611.D

Acq: 03 May 2018 19:28

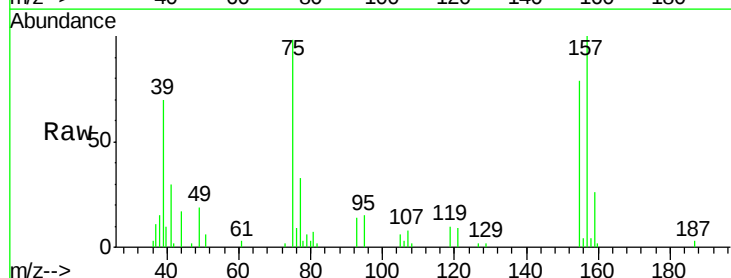
Tgt Ion: 75 Resp: 9298

Ion Ratio Lower Upper

75 100

155 80.4 60.6 90.8

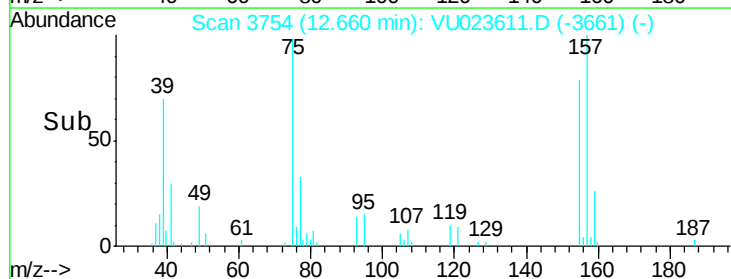
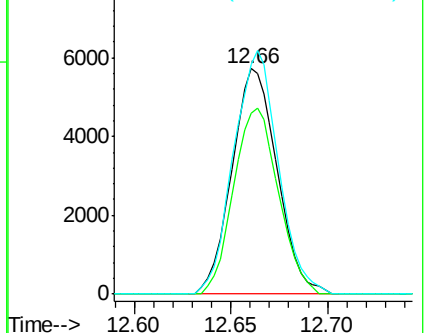
157 101.9 87.7 131.5

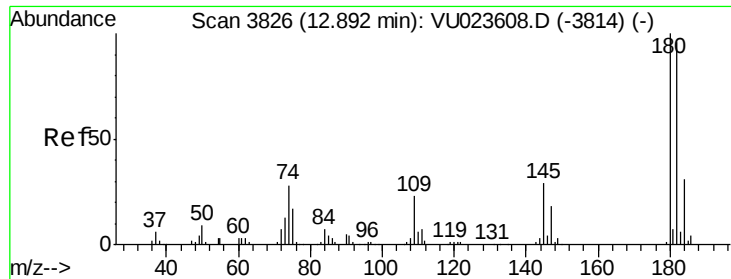


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

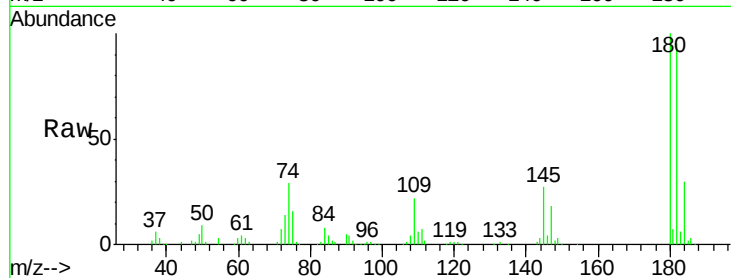
Ion 156.90 (156.60 to 157.60): V



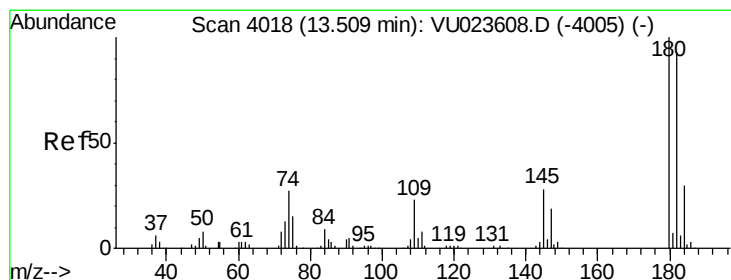
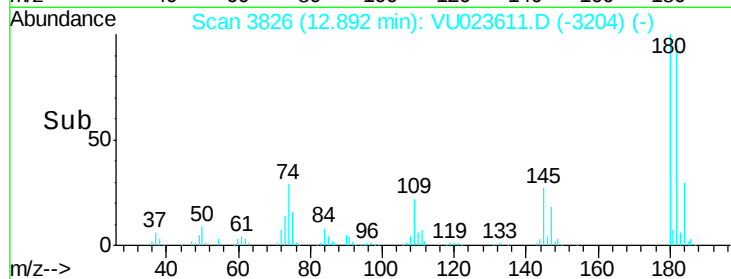
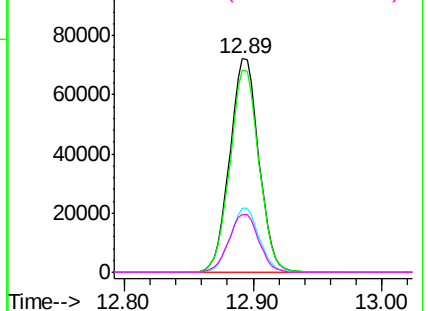


#67
 1,3,5-Trichlorobenzene
 Concen: 4.95 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion:	180	Resp:	112957
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
184	30.0	24.4	36.6
145	28.0	22.8	34.2

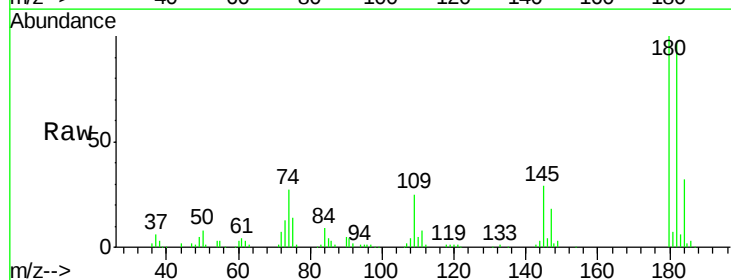


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

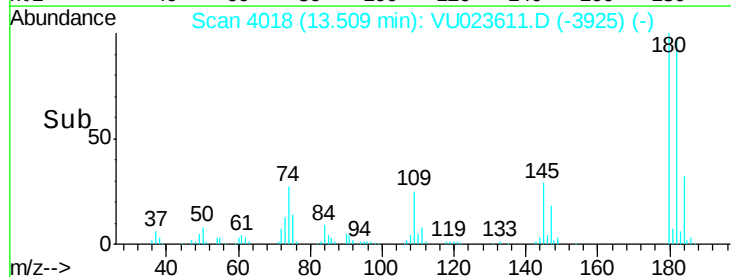
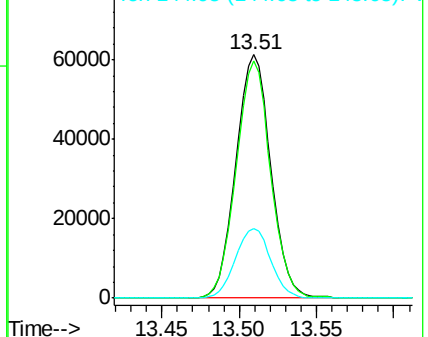


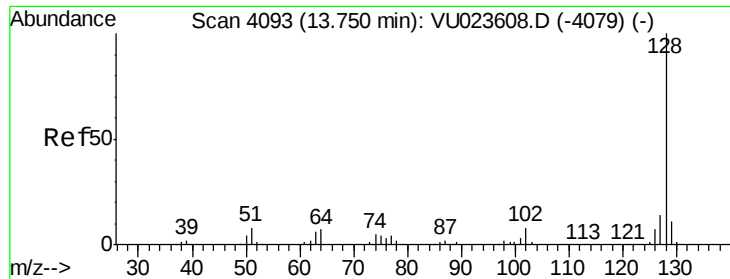
#68
 1,2,4-trichlorobenzene
 Concen: 5.10 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023611.D
 Acq: 03 May 2018 19:28

Tgt Ion:	180	Resp:	95921
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	28.9	22.5	33.7



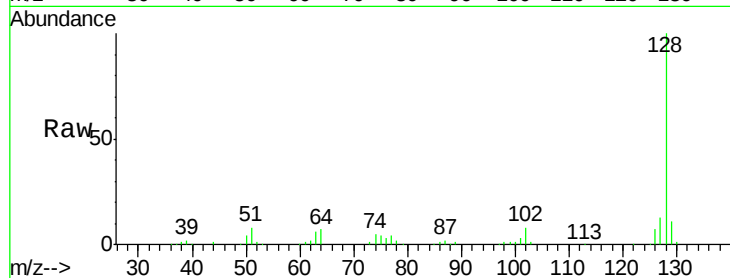
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



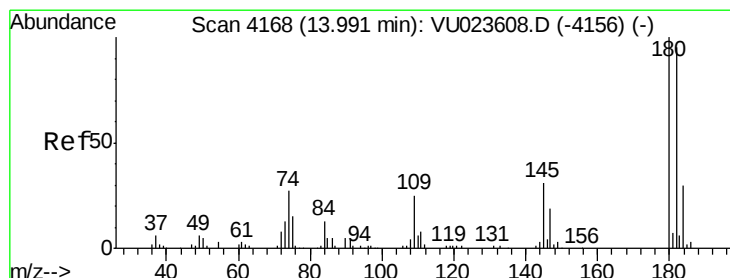
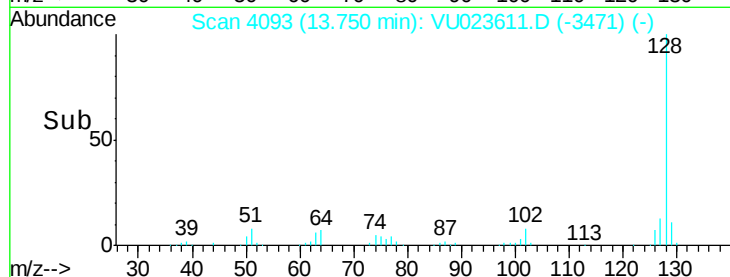
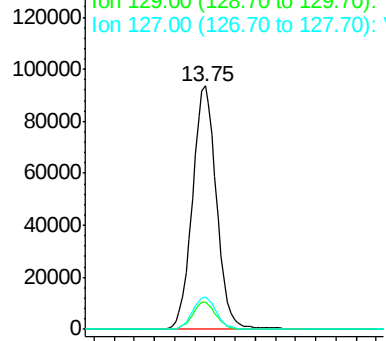


#69
Naphthalene
Concen: 5.45 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

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

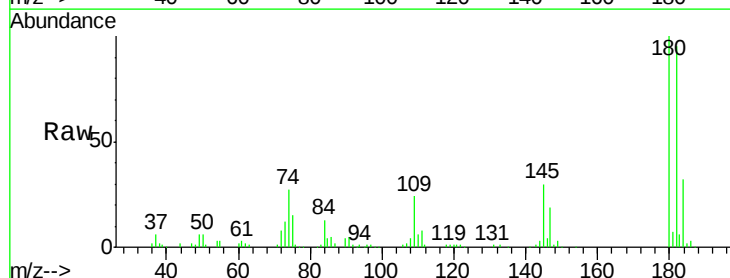


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70
1,2,3-Trichlorobenzene
Concen: 5.27 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023611.D
Acq: 03 May 2018 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	30.3	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

