

Data Path : W:\HPCHEM1\MSVOA U\Data\VU051118\
 Data File : VU023797.D
 Acq On : 11 May 2018 13:37
 Operator : MD/SY
 Sample : J2816-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 10:53:47 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR051018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 02:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	135409	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58626	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.68	69	47603	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.27	63	90156	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.19	46	125804	50.00	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.65	84	87809	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.32	65	47944	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.35	84	184234	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.34	67	61437	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.57	98	152073	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.86	79	18838	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.32	63	93440	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44449	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	62708	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

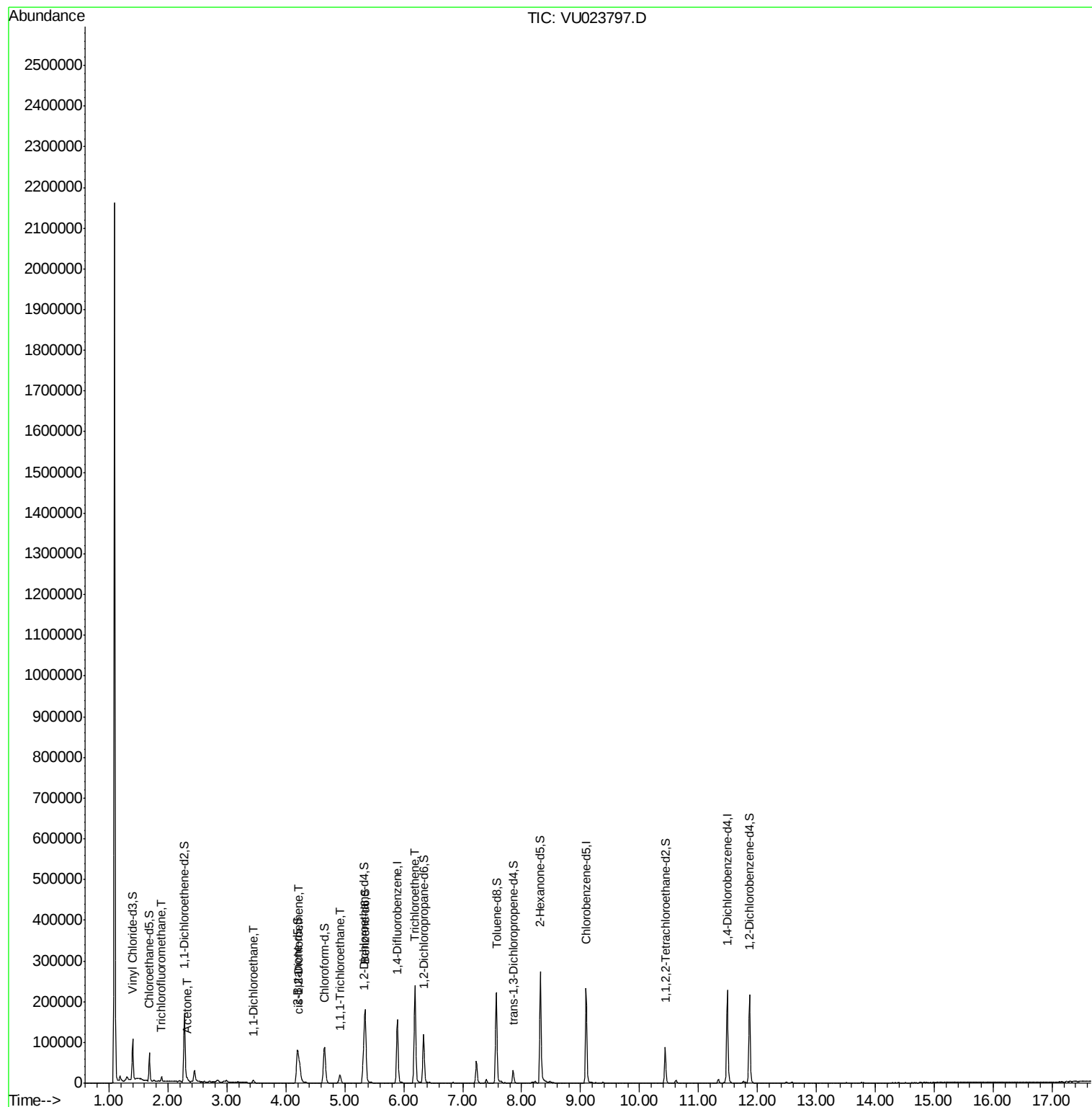
Target Compounds

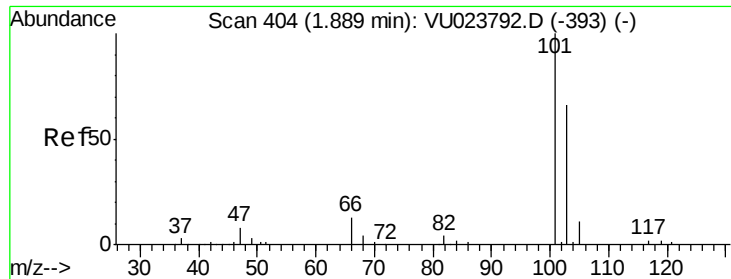
					Ovalue
9) Trichlorofluoromethane	1.89	101	6027	0.38	ug/L 98
13) Acetone	2.33	43	9795	5.68	ug/L 96
19) 1,1-Dichloroethane	3.45	63	7632	0.39	ug/L 91
22) cis-1,2-Dichloroethene	4.23	96	14185	1.29	ug/L 86
29) 1,1,1-Trichloroethane	4.92	97	15821	0.98	ug/L 98
34) Trichloroethene	6.19	95	86621	7.82	ug/L 98

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

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#9

Trichlorofluoromethane

Concen: 0.38 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023797.D

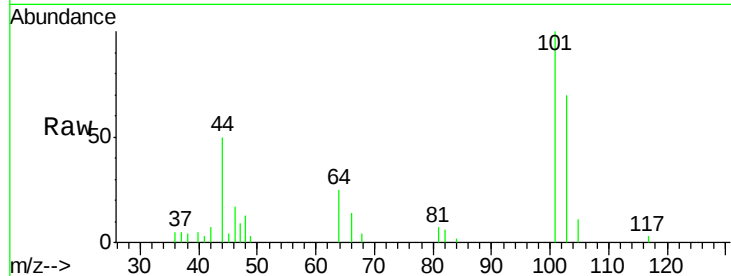
Acq: 11 May 2018 13:37

Tot Ion:101 Resp: 6027

Ion Ratio Lower Upper

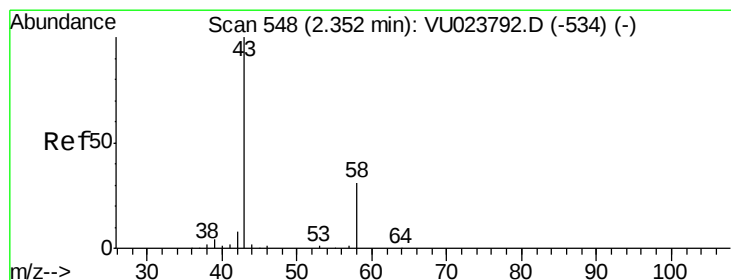
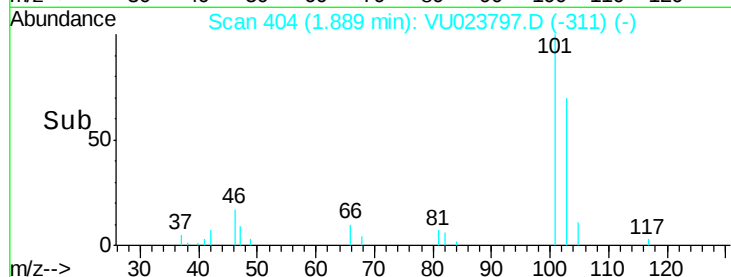
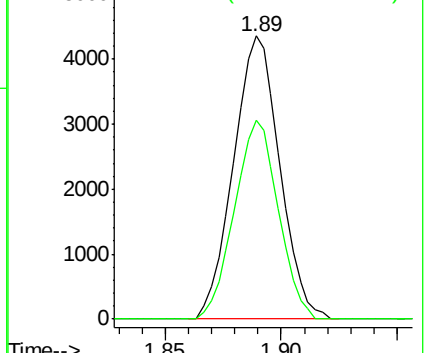
101 100

103 66.5 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 5.68 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.03 min

Lab File: VU023797.D

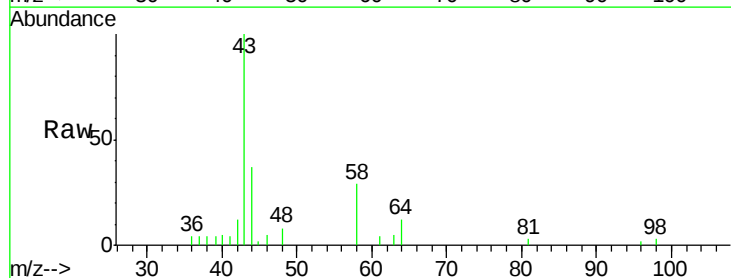
Acq: 11 May 2018 13:37

Tgt Ion: 43 Resp: 9795

Ion Ratio Lower Upper

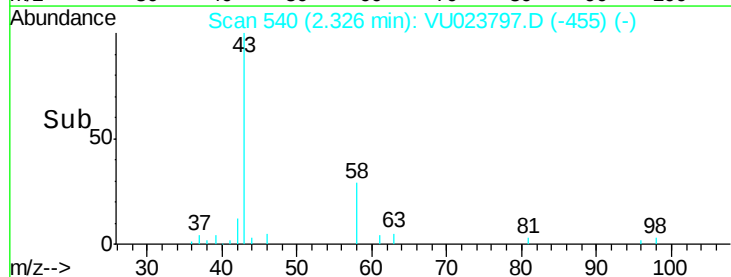
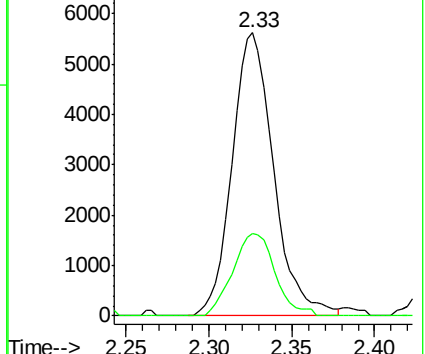
43 100

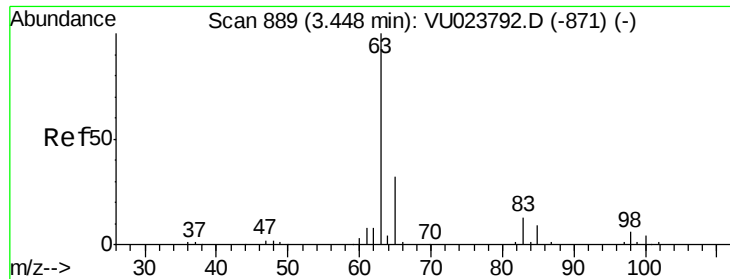
58 29.5 0.0 64.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#19

1,1-Dichloroethane

Concen: 0.39 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU023797.D

Acq: 11 May 2018 13:37

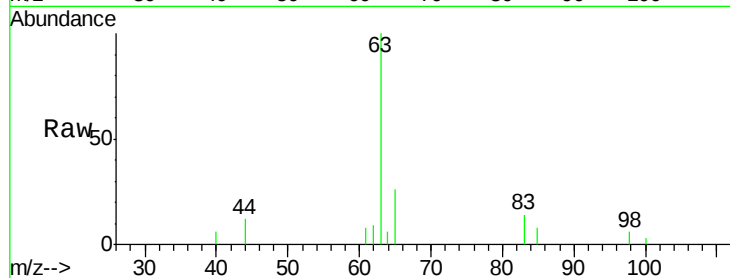
Tot Ion: 63 Resp: 7632

Ion Ratio Lower Upper

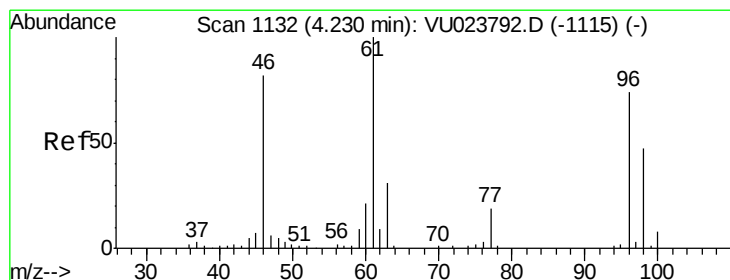
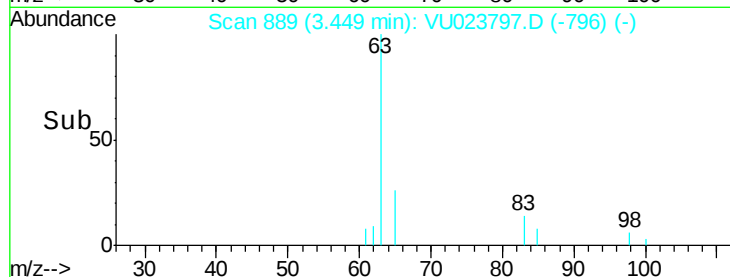
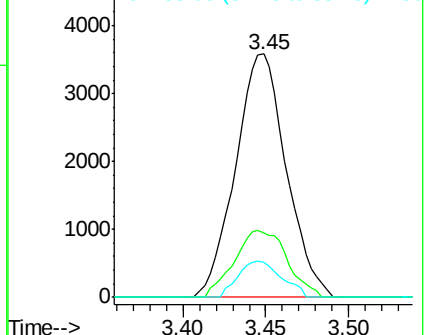
63 100

65 26.4 22.9 42.5

83 14.3 9.1 16.9



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



#22

cis-1,2-Dichloroethene

Concen: 1.29 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023797.D

Acq: 11 May 2018 13:37

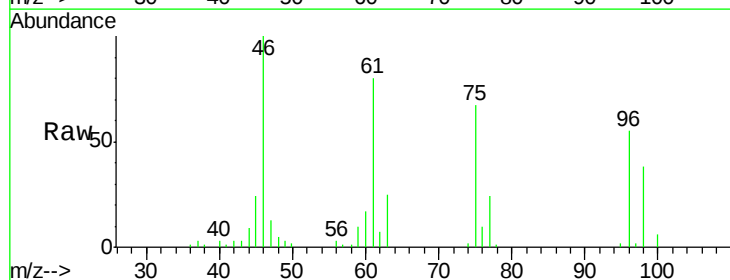
Tgt Ion: 96 Resp: 14185

Ion Ratio Lower Upper

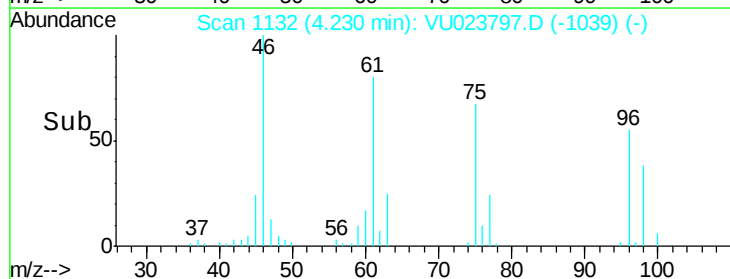
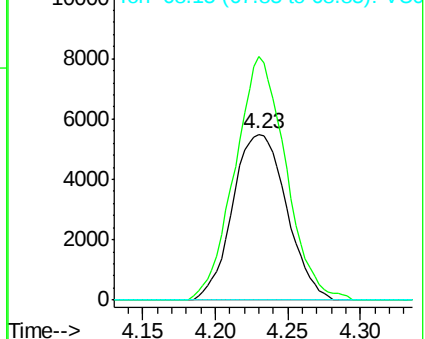
96 100

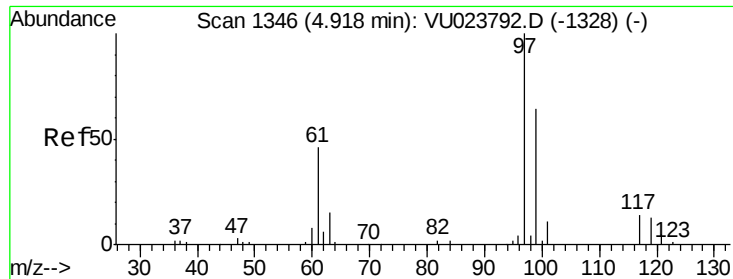
61 146.9 91.2 169.4

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





#29

1,1,1-Trichloroethane

Concen: 0.98 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023797.D

Acq: 11 May 2018 13:37

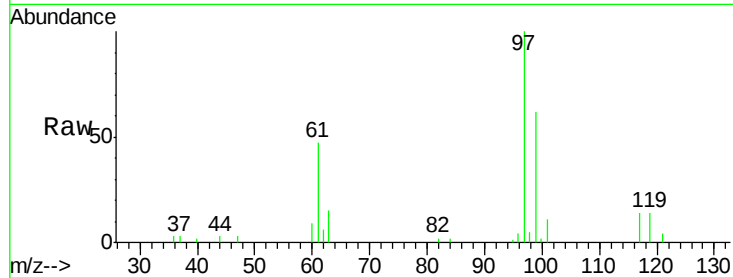
Tot Ion: 97 Resp: 15821

Ion Ratio Lower Upper

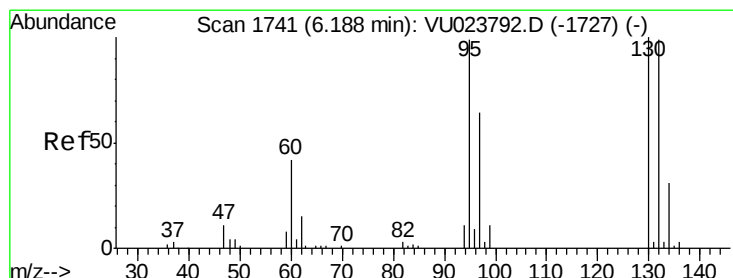
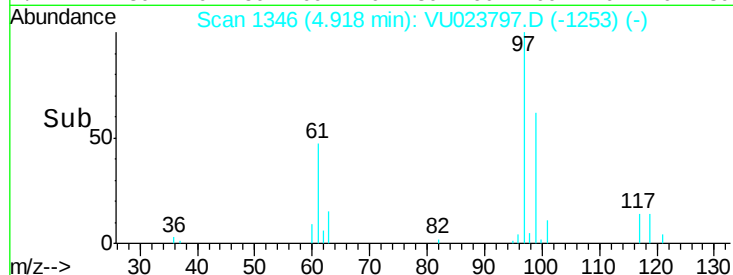
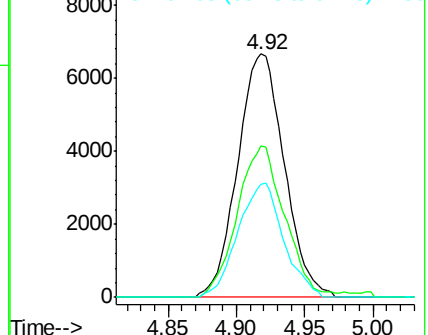
97 100

99 63.3 52.1 78.1

61 45.8 37.2 55.8



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



#34

Trichloroethene

Concen: 7.82 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023797.D

Acq: 11 May 2018 13:37

Tgt Ion: 95 Resp: 86621

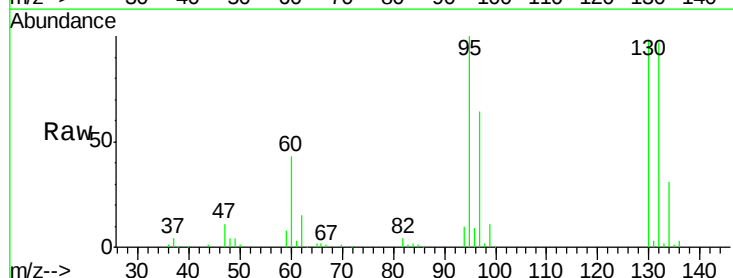
Ion Ratio Lower Upper

95 100

97 64.0 43.8 81.3

132 96.6 66.8 124.2

130 98.2 71.5 132.7



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): VU0
Ion 129.95 (129.65 to 130.65): VU0

