

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023642.D
 Acq On : 04 May 2018 20:36
 Operator : MD/SY
 Sample : J2630-15
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 05 01:35:00 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	146543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148577	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51970	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.68	69	41300	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.27	63	69381	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	164331	53.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	4.65	84	96611	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.32	65	53265	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	189658	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.34	67	66299	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.57	98	157510	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.86	79	21018	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.32	63	125812	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51489	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	64595	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

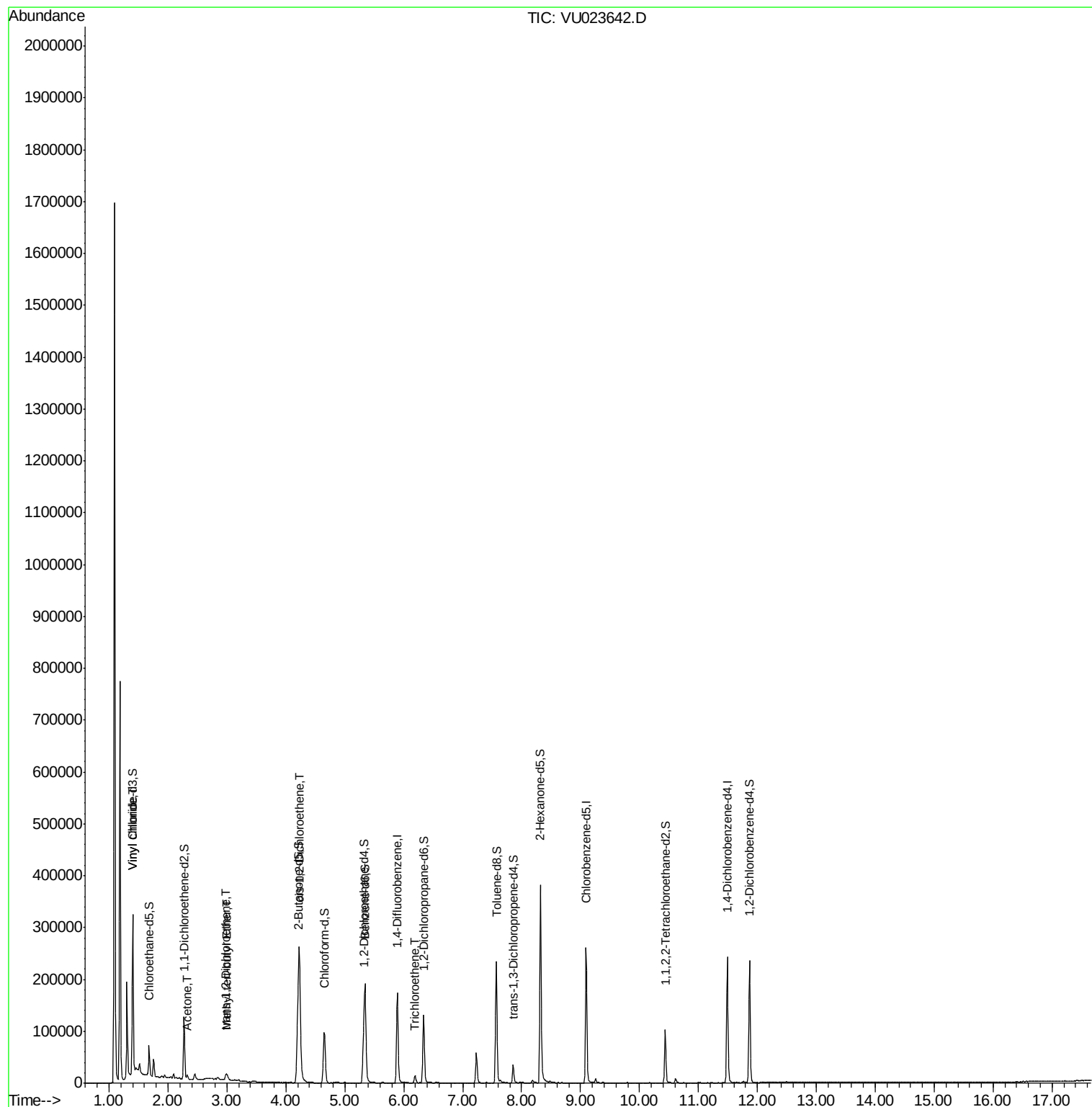
Target Compounds

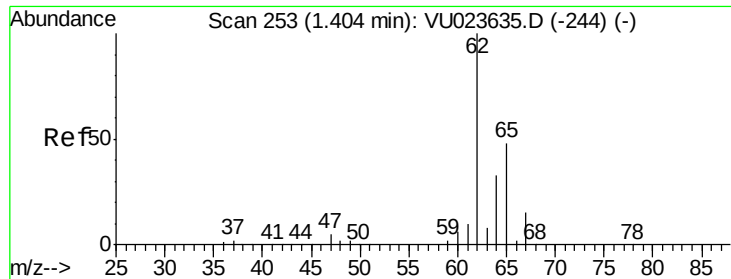
						Ovalue
5) Vinyl chloride	1.40	62	148355	10.83	ug/L	100
13) Acetone	2.33	43	8272	4.71	ug/L	100
17) Methyl tert-butyl Ether	3.00	73	7261	0.33	ug/L #	72
18) trans-1,2-Dichloroethene	2.98	96	3088	0.32	ug/L	89
22) cis-1,2-Dichloroethene	4.23	96	121715	10.74	ug/L	99
34) Trichloroethene	6.19	95	4856	0.42	ug/L	96

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

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#5

Vinyl chloride

Concen: 10.83 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023642.D

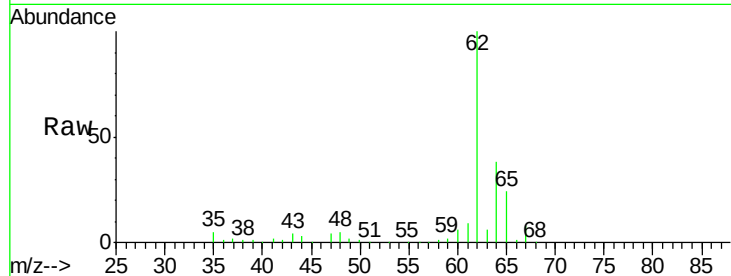
Acq: 04 May 2018 20:36

Tot Ion: 62 Resp: 148355

Ion Ratio Lower Upper

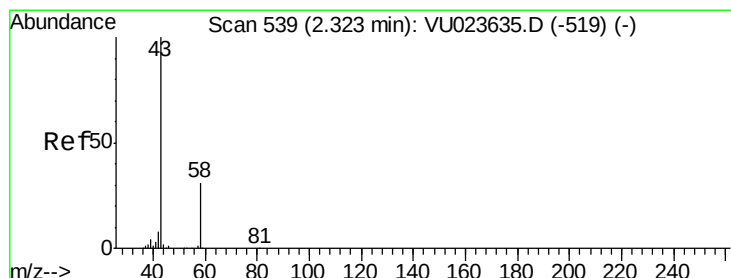
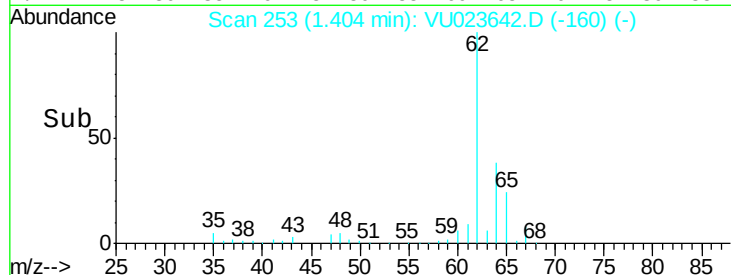
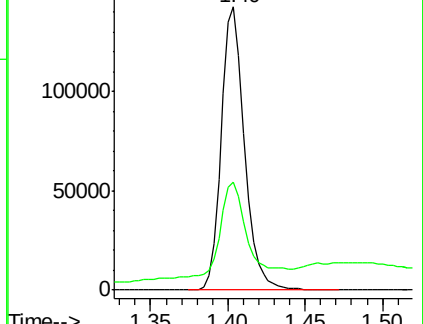
62 100

64 38.2 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 4.71 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023642.D

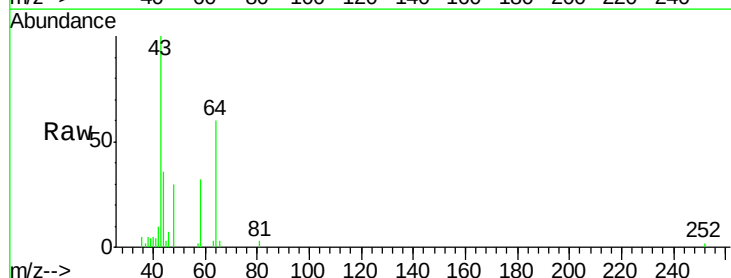
Acq: 04 May 2018 20:36

Tgt Ion: 43 Resp: 8272

Ion Ratio Lower Upper

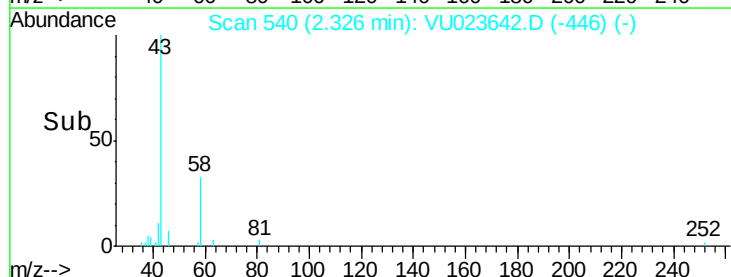
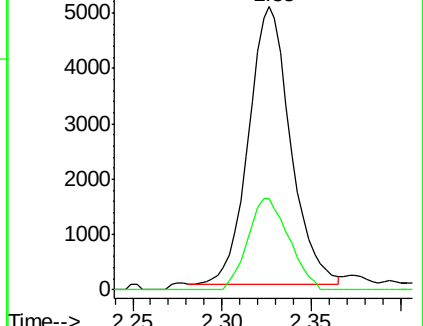
43 100

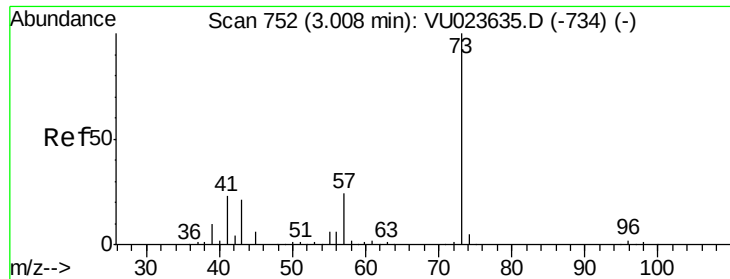
58 32.2 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

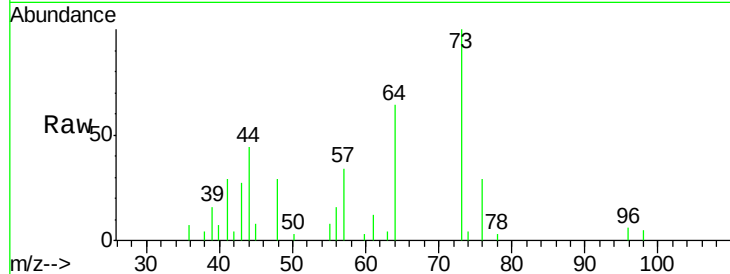
Ion 58.05 (57.75 to 58.75): VU0



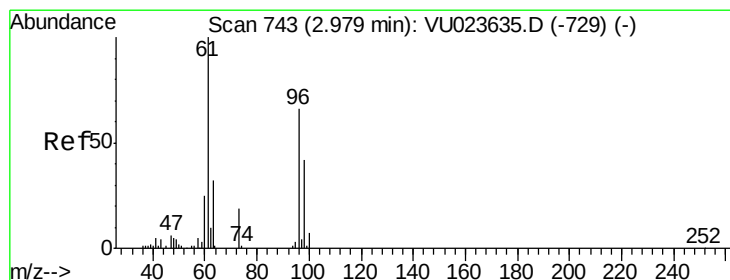
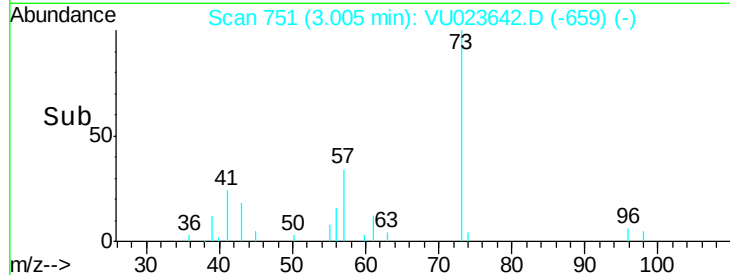
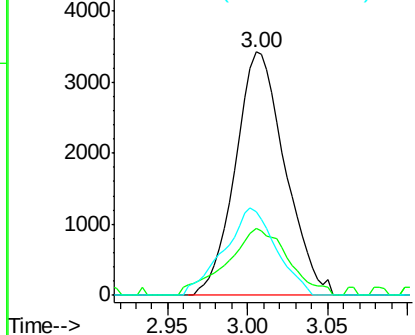


#17
Methyl tert-butyl Ether
Concen: 0.33 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023642.D
Acq: 04 May 2018 20:36

Tot Ion: 73 Resp: 7261
Ion Ratio Lower Upper
73 100
43 34.2 16.6 25.0#
57 37.6 19.4 29.0#

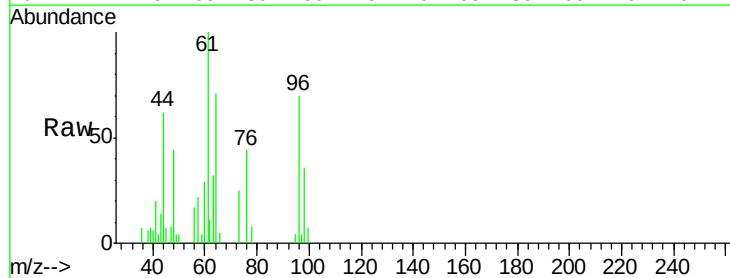


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

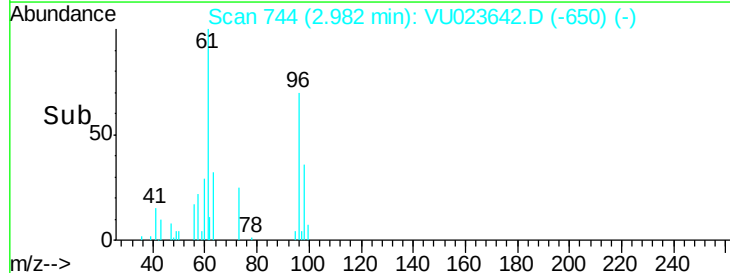
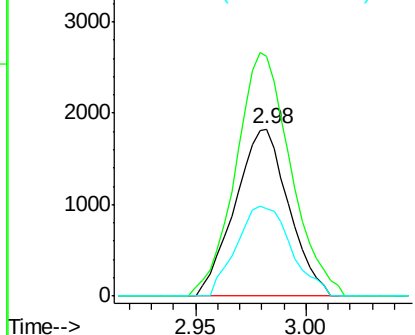


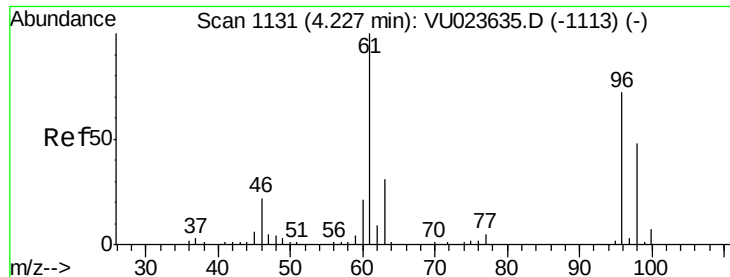
#18
trans-1,2-Dichloroethene
Concen: 0.32 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU023642.D
Acq: 04 May 2018 20:36

Tgt Ion: 96 Resp: 3088
Ion Ratio Lower Upper
96 100
61 143.4 109.0 202.4
98 52.1 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





#22

cis-1,2-Dichloroethene

Concen: 10.74 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU023642.D

Acq: 04 May 2018 20:36

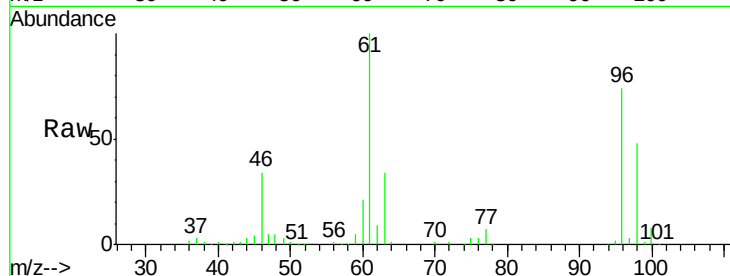
Tot Ion: 96 Resp: 121715

Ion Ratio Lower Upper

96 100

61 135.8 94.6 175.6

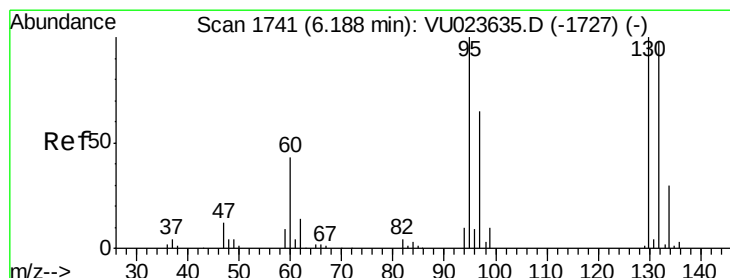
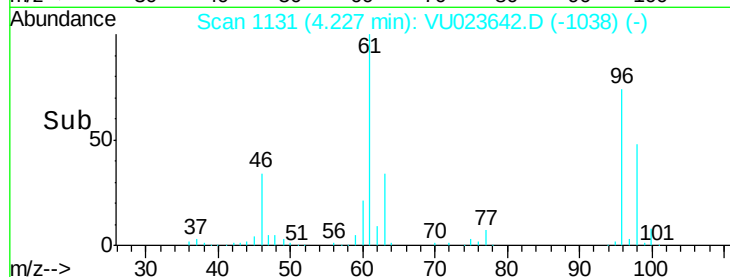
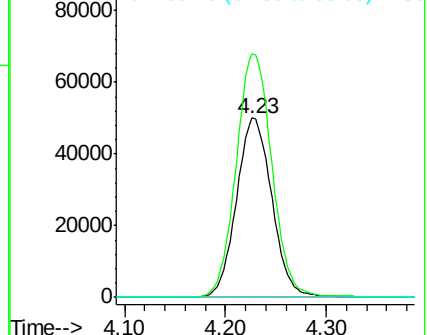
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 0.42 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023642.D

Acq: 04 May 2018 20:36

Tgt Ion: 95 Resp: 4856

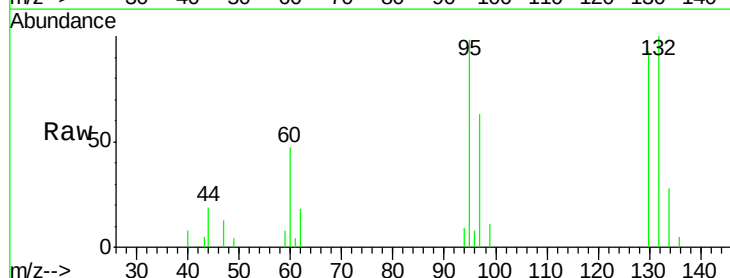
Ion Ratio Lower Upper

95 100

97 64.4 46.0 85.4

132 102.4 68.1 126.5

130 94.8 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

