

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041844.D
 Acq On : 04 Jan 2021 14:38
 Operator : SY/MD
 Sample : L5254-01 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AH3

Quant Time: Jan 05 03:07:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 05 01:00:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	161862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	54615	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.92	69	53465	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.58	63	87105	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.66	46	162404	44.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	5.08	84	108730	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	59904	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	221672	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	72682	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.91	98	166703	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	24913	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	128727	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56183	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	61070	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

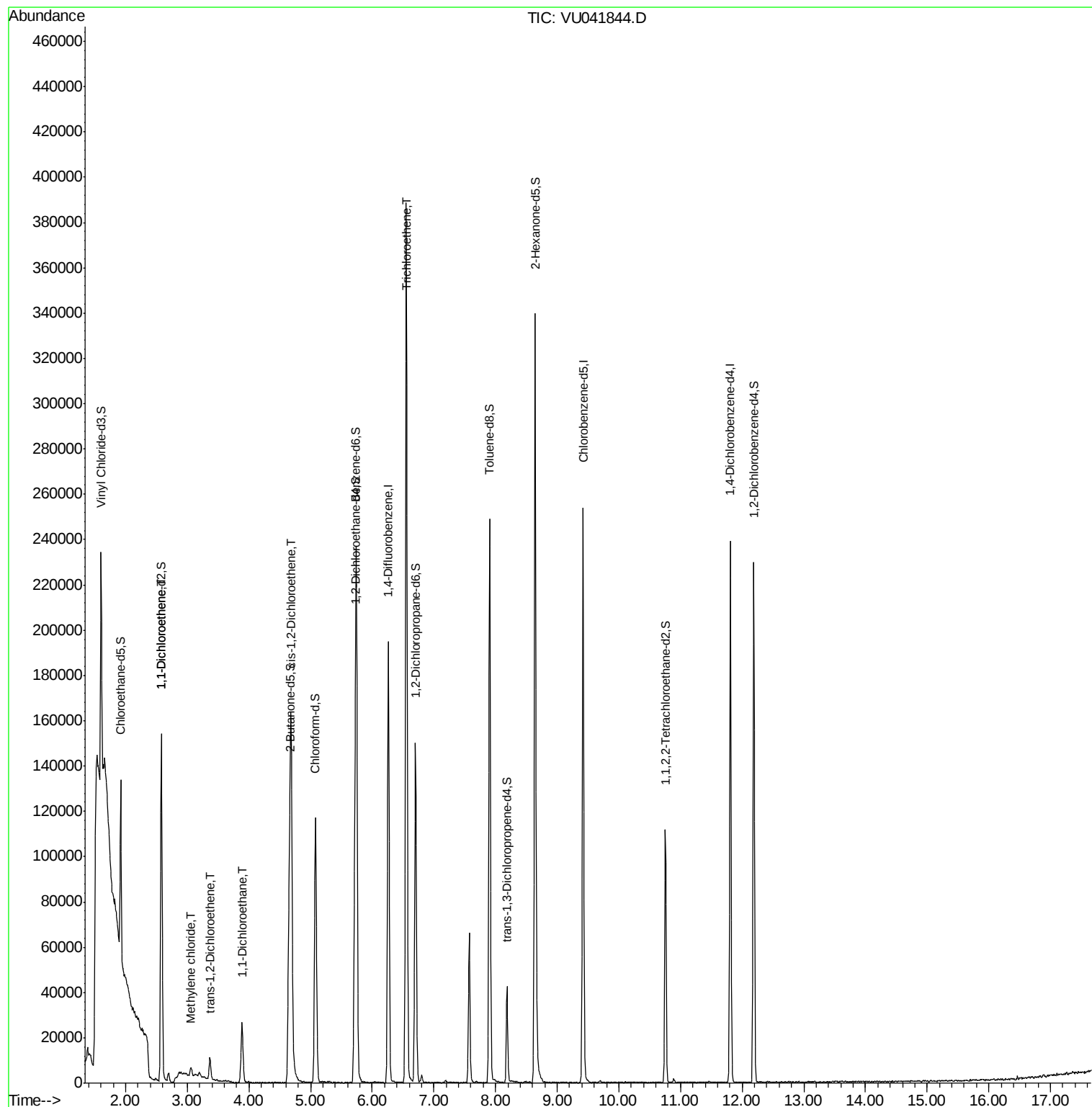
				Ovalue	
12) 1,1-Dichloroethene	2.59	96	15614	1.422 ug/L	# 37
16) Methylene chloride	3.06	84	2081	0.159 ug/L	84
18) trans-1,2-Dichloroethene	3.37	96	3643	0.321 ug/L	93
19) 1,1-Dichloroethane	3.89	63	30565	1.440 ug/L	94
22) cis-1,2-Dichloroethene	4.68	96	65879	5.248 ug/L	97
34) Trichloroethene	6.55	95	136089	11.869 ug/L	98

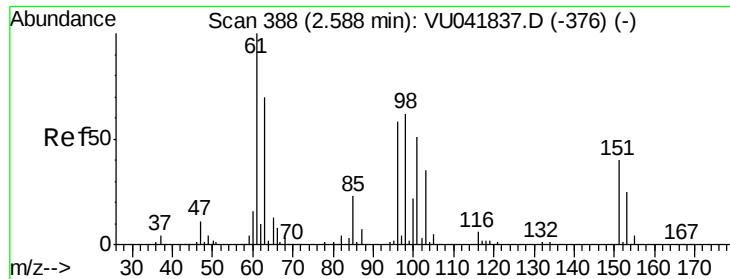
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.422 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

B0AH3

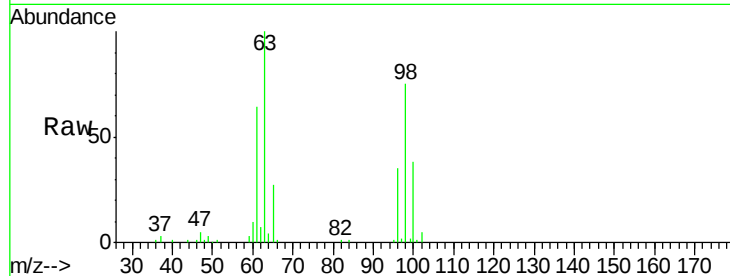
Tot Ion: 96 Resp: 15614

Ion Ratio Lower Upper

96 100

61 181.7 123.8 230.0

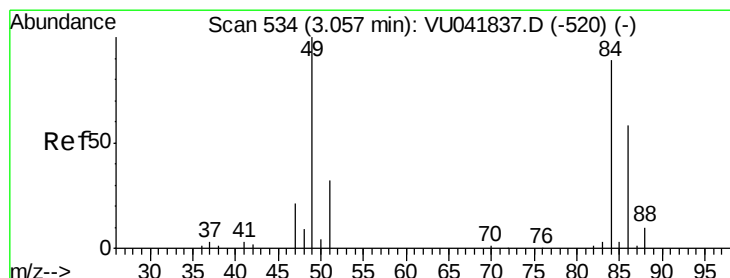
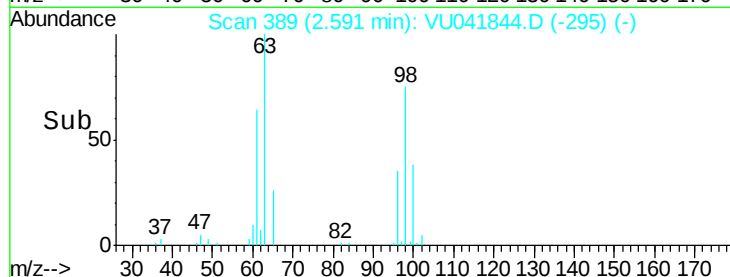
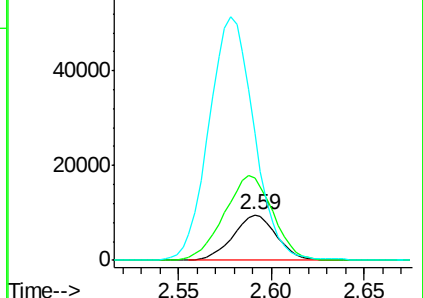
63 282.0 81.0 150.4#



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



#16

Methylene chloride

Concen: 0.159 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041844.D

Acq: 04 Jan 2021 14:38

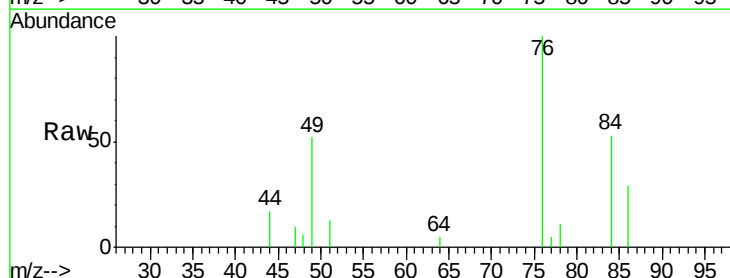
Tgt Ion: 84 Resp: 2081

Ion Ratio Lower Upper

84 100

86 55.8 45.1 83.7

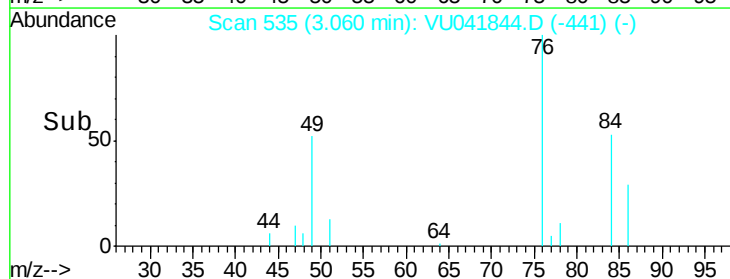
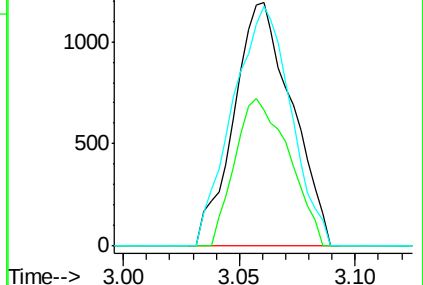
49 98.6 83.1 154.3

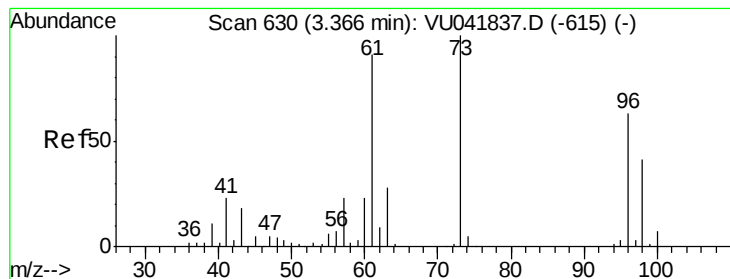


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.321 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041844.D

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ClientSampleId :

B0AH3

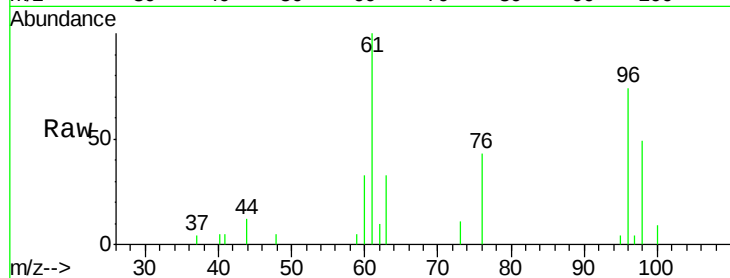
Tot Ion: 96 Resp: 3643

Ion Ratio Lower Upper

96 100

61 136.0 101.8 189.0

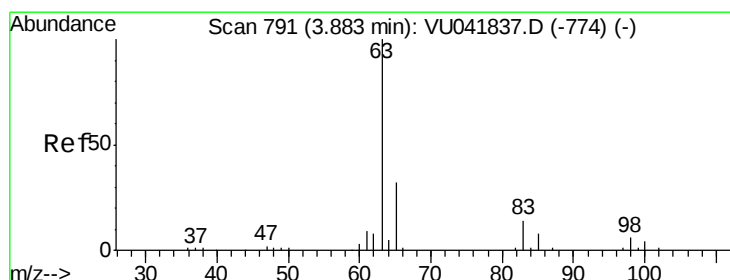
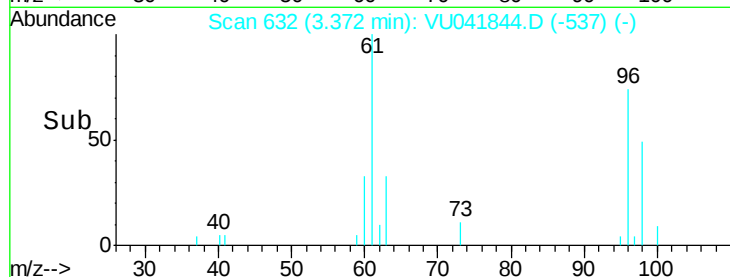
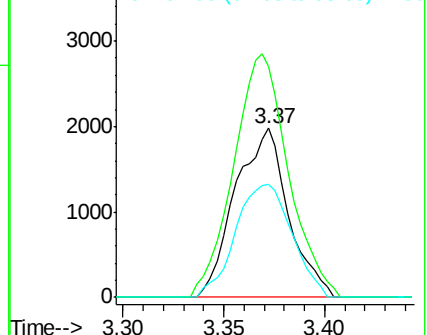
98 66.8 44.4 82.5



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: 1.440 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU041844.D

Acq: 04 Jan 2021 14:38

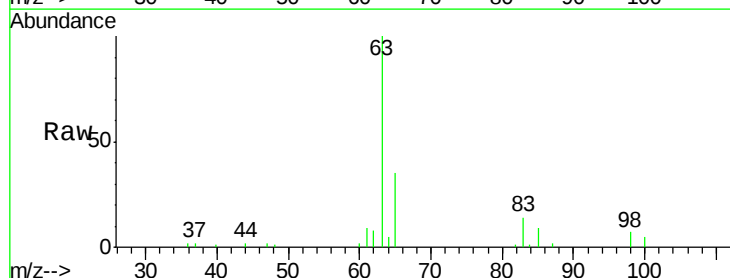
Tgt Ion: 63 Resp: 30565

Ion Ratio Lower Upper

63 100

65 34.6 21.3 39.6

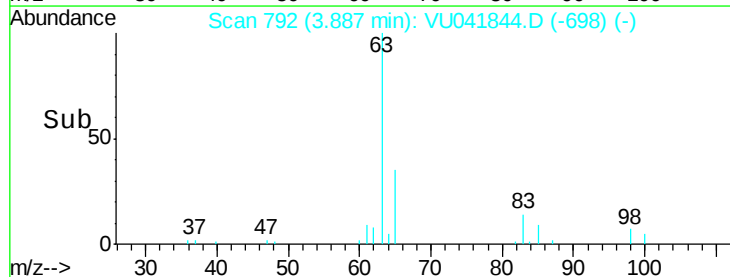
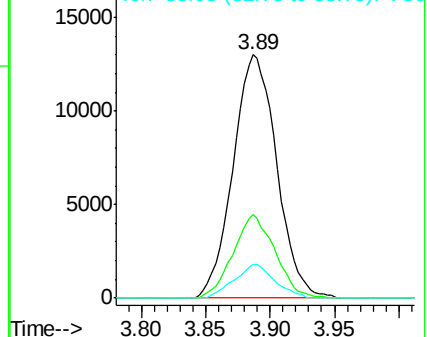
83 14.1 9.3 17.3

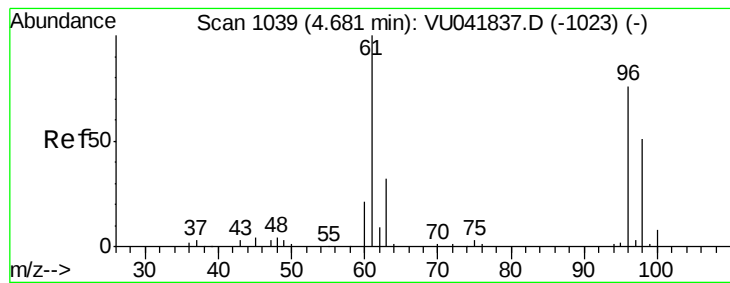


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 5.248 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041844.D

Acq: 04 Jan 2021 14:38

Instrument :

MSVOA_U

ClientSampleId :

B0AH3

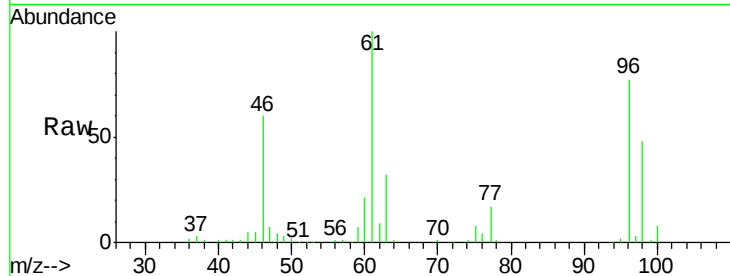
Tot Ion: 96 Resp: 65879

Ion Ratio Lower Upper

96 100

61 130.0 88.8 165.0

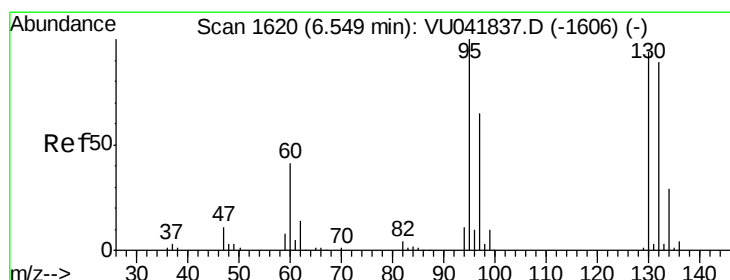
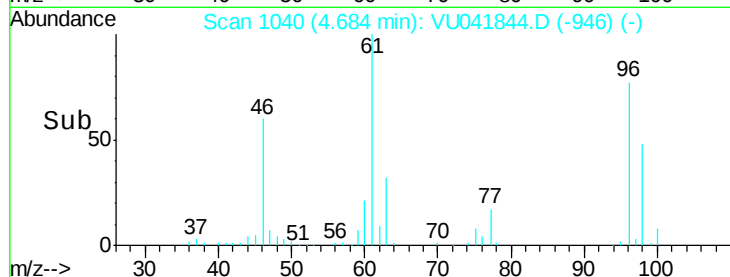
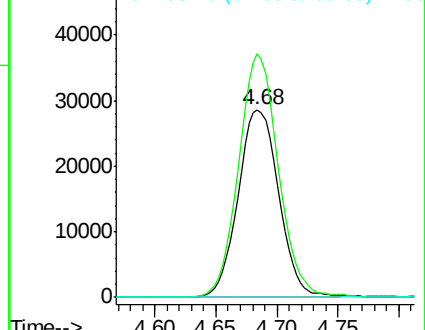
68 0.0 0.0 0.0



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: 11.869 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041844.D

Acq: 04 Jan 2021 14:38

Tgt Ion: 95 Resp: 136089

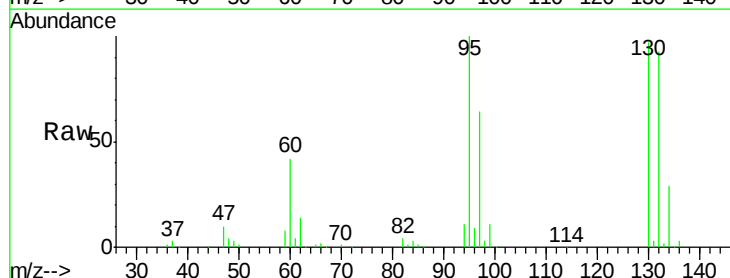
Ion Ratio Lower Upper

95 100

97 64.2 43.9 81.5

132 92.9 63.1 117.3

130 96.6 67.4 125.2



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

