

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041144.D
 Acq On : 09 Nov 2020 16:31
 Operator : SY/MD
 Sample : L4646-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T5

Quant Time: Nov 10 02:00:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54909	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24625	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14976	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.92	69	13973	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.58	63	24444	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.65	46	82119	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	5.08	84	40232	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.72	65	25307	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	68701	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	24955	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	53881	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.19	79	8946	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	60177	51.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23525	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	24674	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

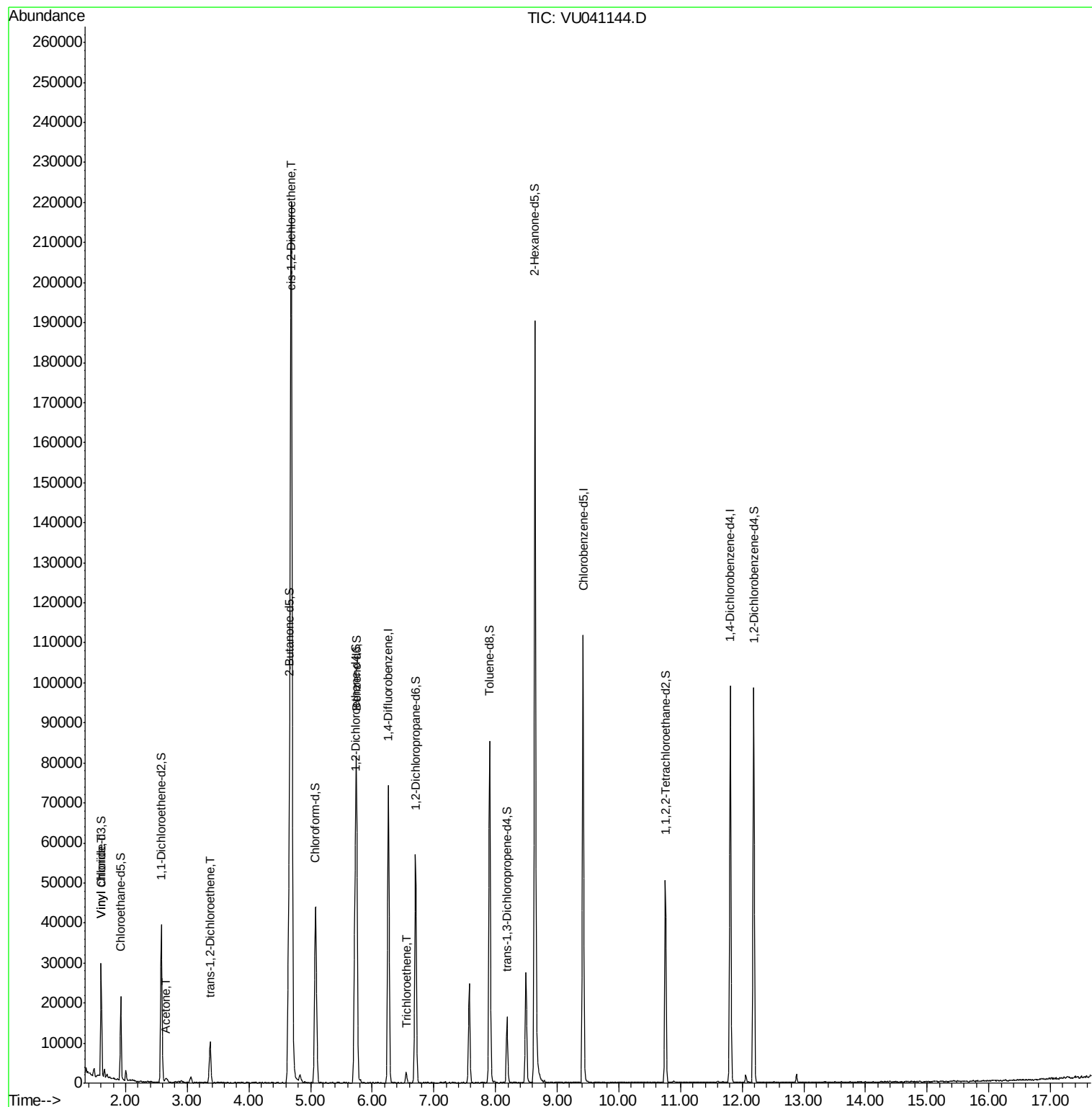
					Ovalue
5) Vinyl chloride	1.61	62	5105	0.990 ug/L	88
13) Acetone	2.66	43	2152	2.072 ug/L	79
18) trans-1,2-Dichloroethene	3.37	96	4181	1.061 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	102252	25.149 ug/L	95
34) Trichloroethene	6.56	95	803	0.183 ug/L #	83

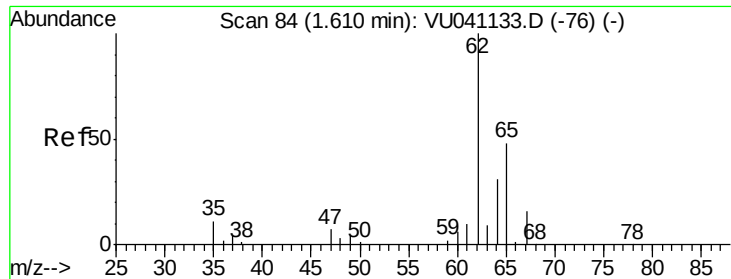
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.990 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

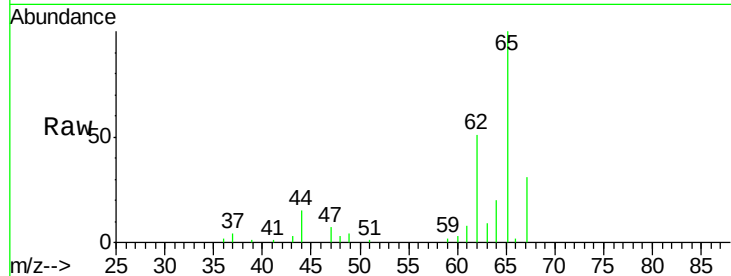
GB0T5

Tot Ion: 62 Resp: 5105

Ion Ratio Lower Upper

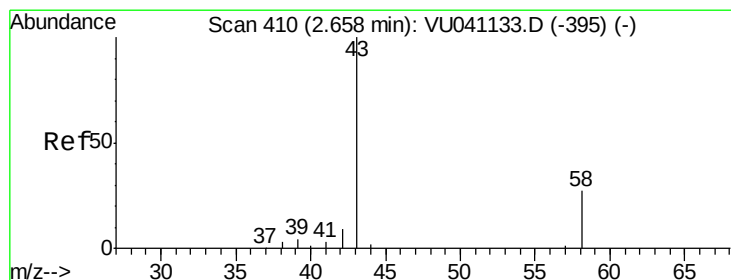
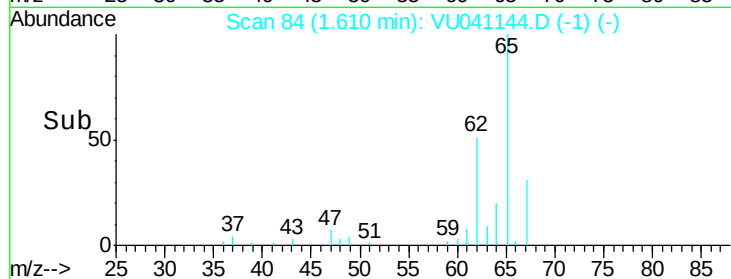
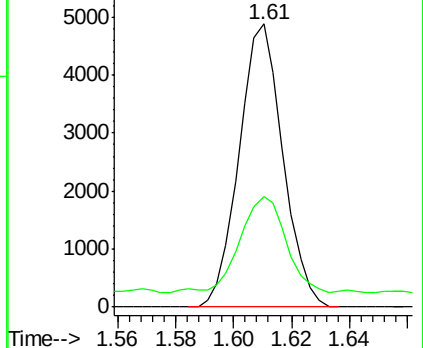
62 100

64 39.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 2.072 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041144.D

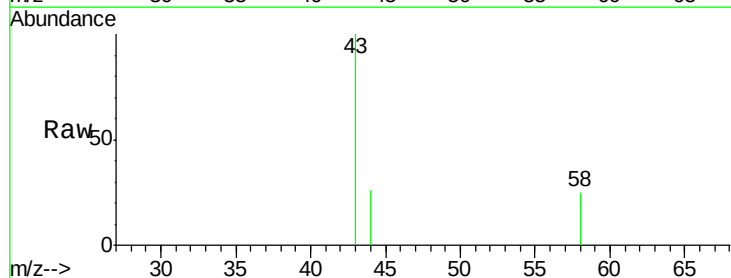
Acq: 09 Nov 2020 16:31

Tgt Ion: 43 Resp: 2152

Ion Ratio Lower Upper

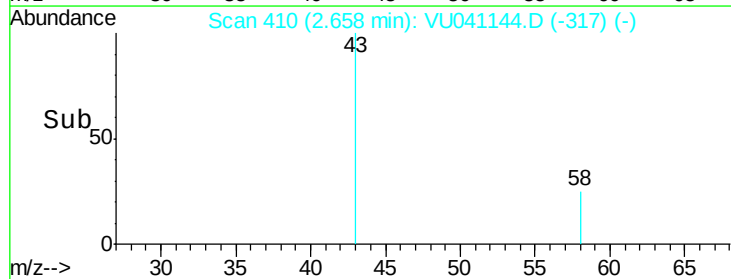
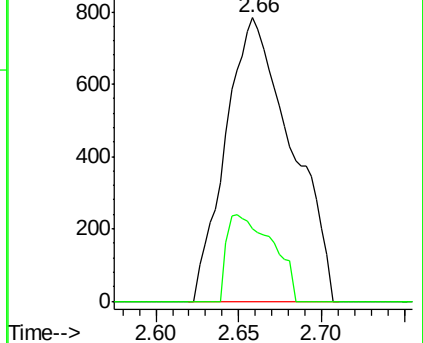
43 100

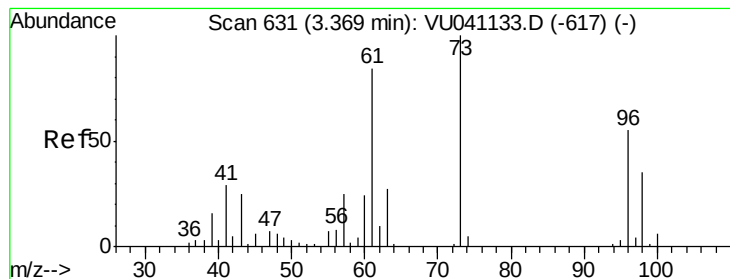
58 21.1 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#18

trans-1,2-Dichloroethene

Concen: 1.061 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU041144.D

Acq: 09 Nov 2020 16:31

Instrument :

MSVOA_U

ClientSampleId :

GB0T5

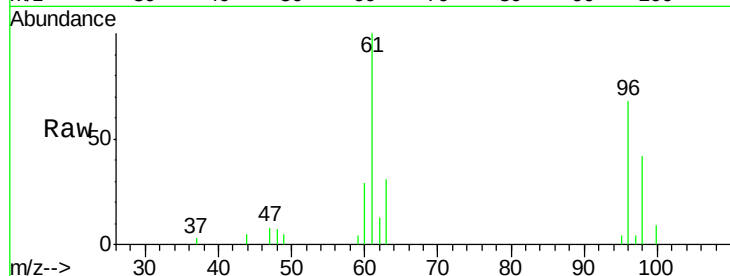
Tot Ion: 96 Resp: 4181

Ion Ratio Lower Upper

96 100

61 146.3 110.9 205.9

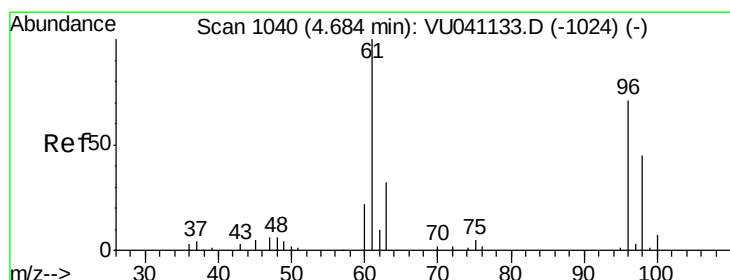
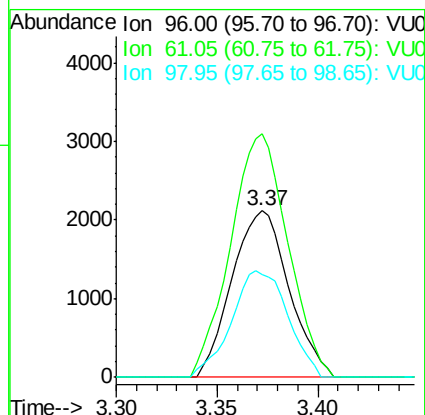
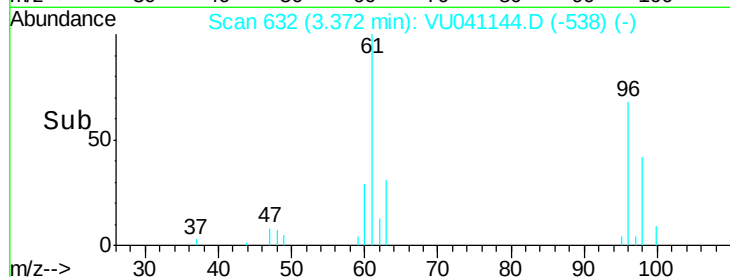
98 61.7 45.4 84.2



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: 25.149 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041144.D

Acq: 09 Nov 2020 16:31

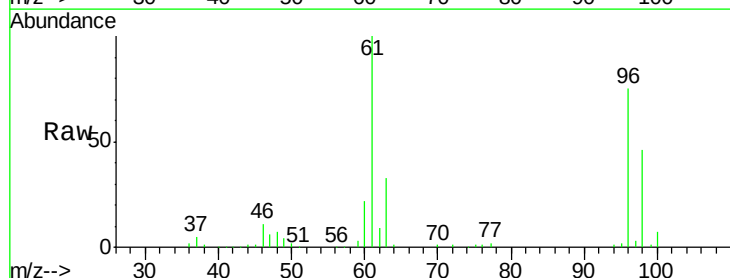
Tgt Ion: 96 Resp: 102252

Ion Ratio Lower Upper

96 100

61 132.7 97.2 180.4

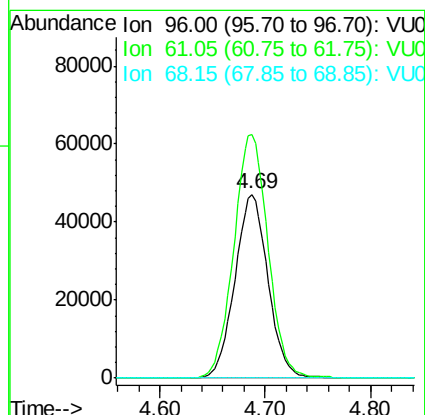
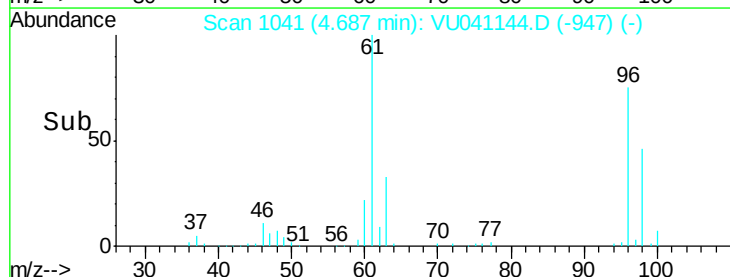
68 0.0 0.0 0.0

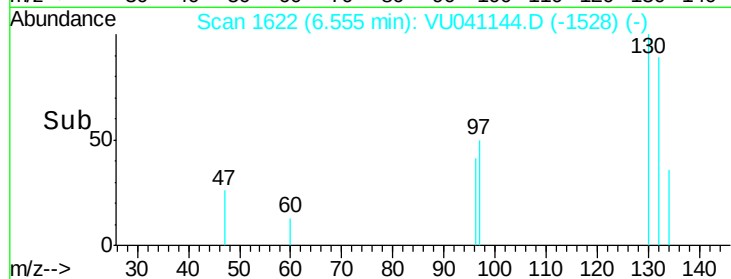
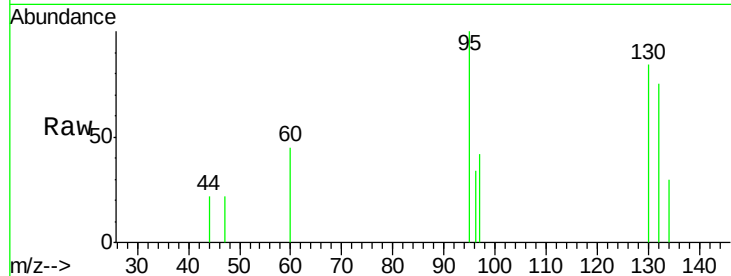
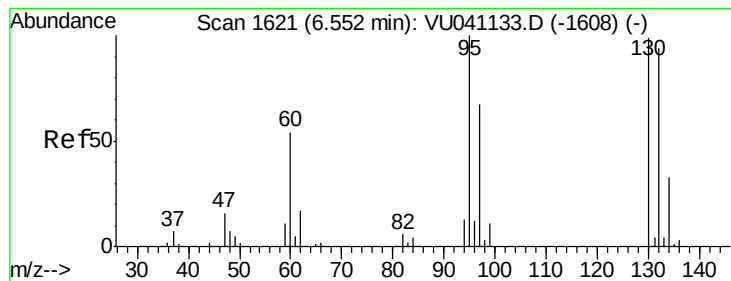


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.183 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041144.D

Acq: 09 Nov 2020 16:31

Instrument :

MSVOA_U

ClientSampleId :

GB0T5

Tot Ion: 95 Resp: 803

Ion Ratio Lower Upper

95 100

97 42.1 45.6 84.6#

132 75.3 64.8 120.4

130 84.4 64.8 120.4

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

