

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041161.D
 Acq On : 09 Nov 2020 23:53
 Operator : SY/MD
 Sample : L4673-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T3

Quant Time: Nov 10 05:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 04:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57303	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15371	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.92	69	14617	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	24500	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.65	46	87789	55.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	5.08	84	40850	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	26554	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	69925	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.70	67	25437	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	57713	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.19	79	9990	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	68666	56.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23996	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	26287	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

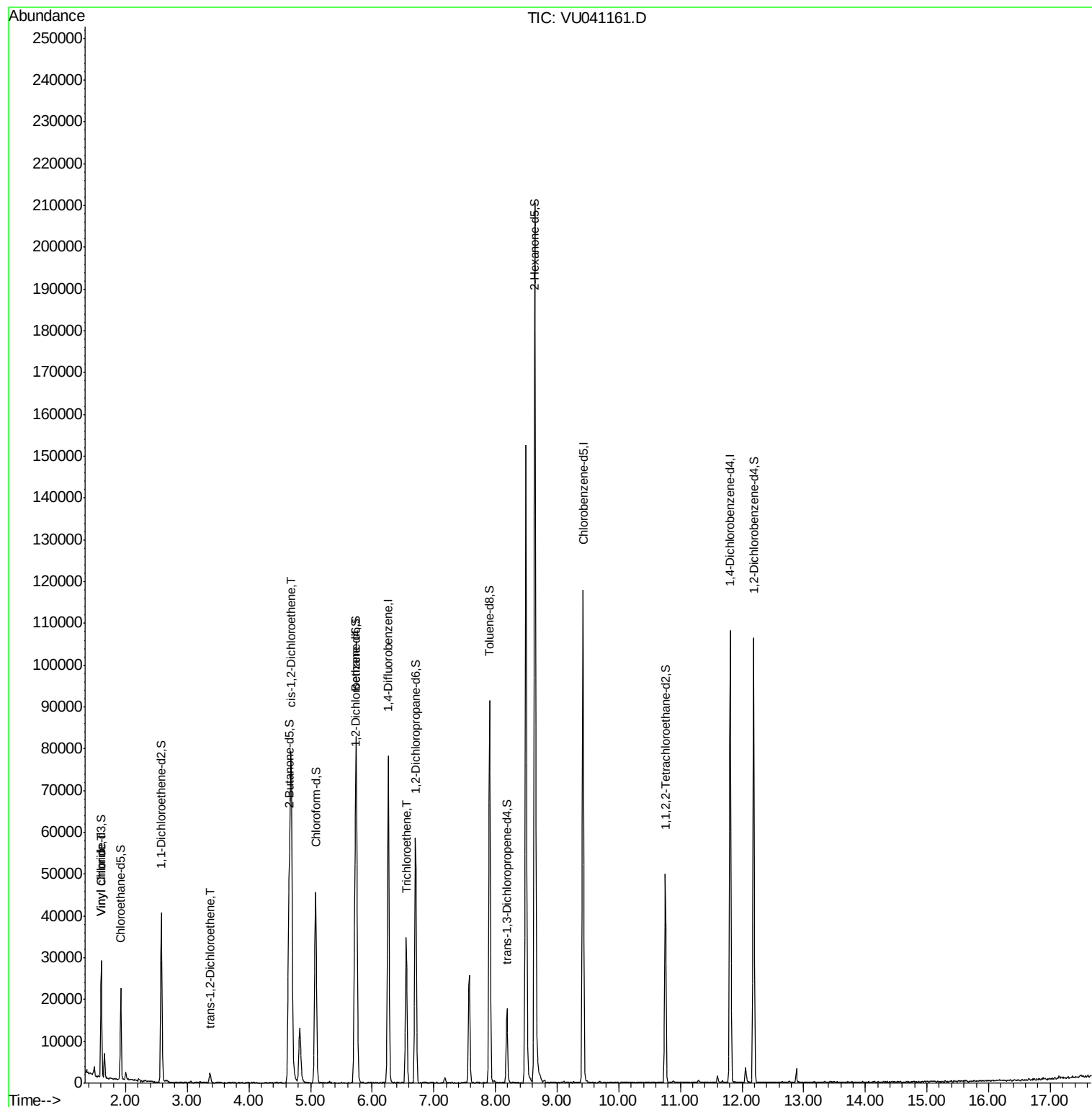
					Ovalue
5) Vinyl chloride	1.61	62	2452	0.456 ug/L #	81
18) trans-1,2-Dichloroethene	3.37	96	1226	0.298 ug/L	72
22) cis-1,2-Dichloroethene	4.69	96	29514	6.956 ug/L	98
34) Trichloroethene	6.55	95	11542	2.549 ug/L	98

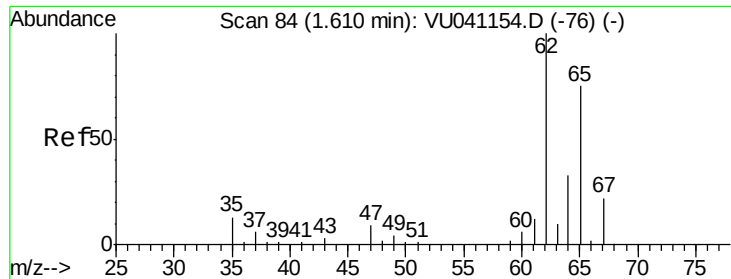
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.456 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Acq: 09 Nov 2020 23:53

Instrument :

MSVOA_U

ClientSampleId :

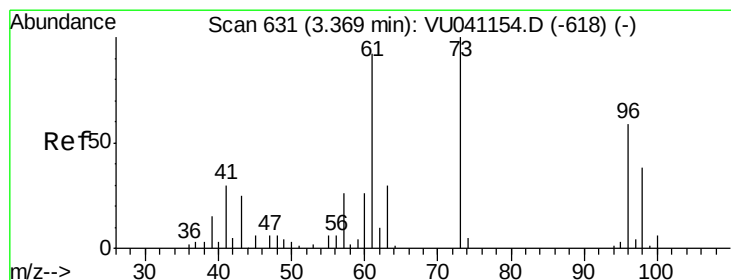
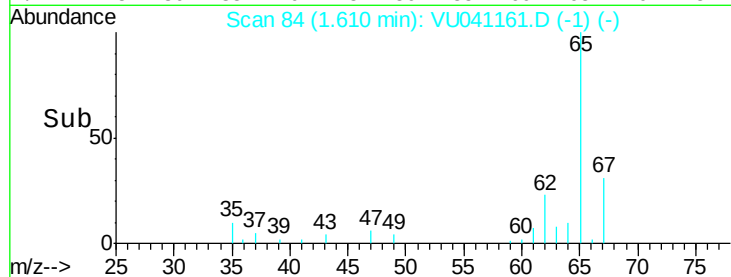
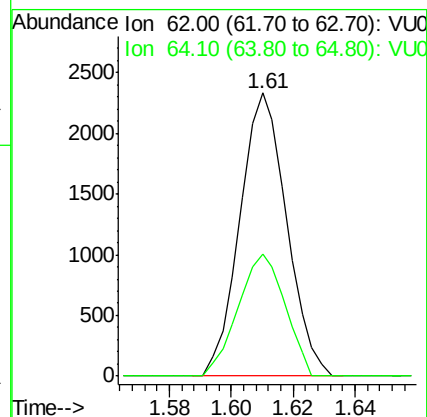
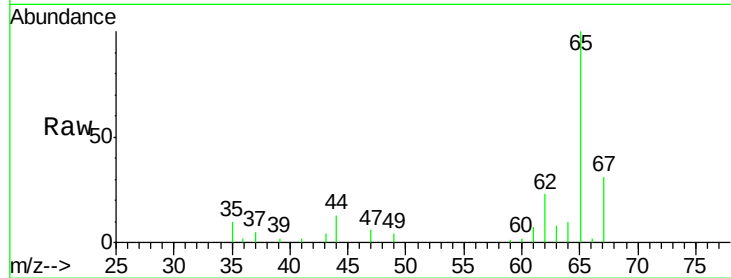
GB0T3

Tot Ion: 62 Resp: 2452

Ion Ratio Lower Upper

62 100

64 43.0 22.7 42.3#



#18

trans-1,2-Dichloroethene

Concen: 0.298 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU041161.D

Acq: 09 Nov 2020 23:53

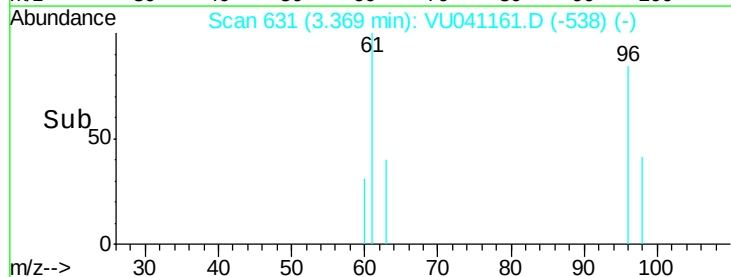
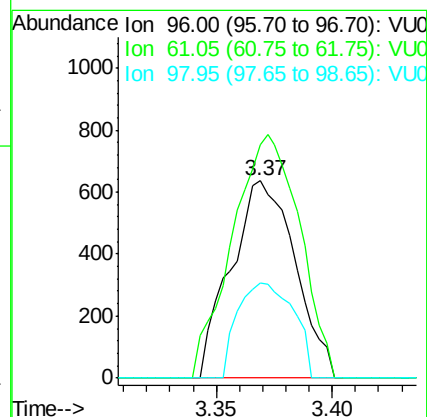
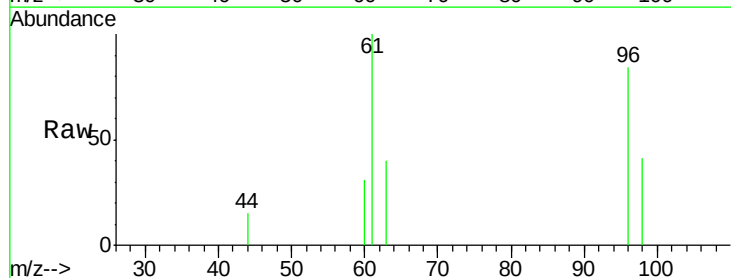
Tgt Ion: 96 Resp: 1226

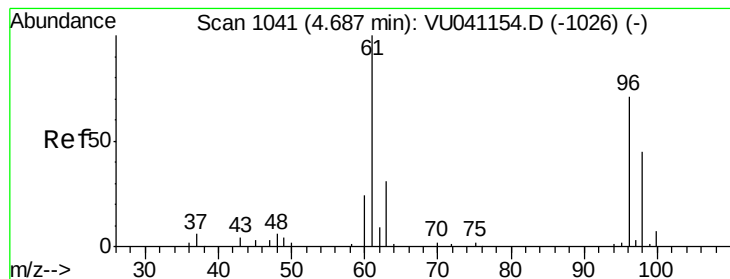
Ion Ratio Lower Upper

96 100

61 118.7 110.9 205.9

98 48.3 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 6.956 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU041161.D

Acq: 09 Nov 2020 23:53

Instrument :

MSVOA_U

ClientSampleID :

GB0T3

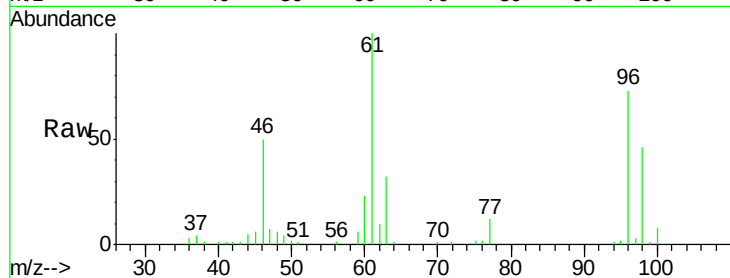
Tot Ion: 96 Resp: 29514

Ion Ratio Lower Upper

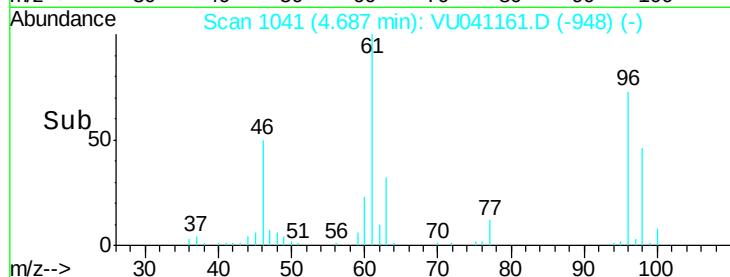
96 100

61 137.0 97.2 180.4

68 0.0 0.0 0.0



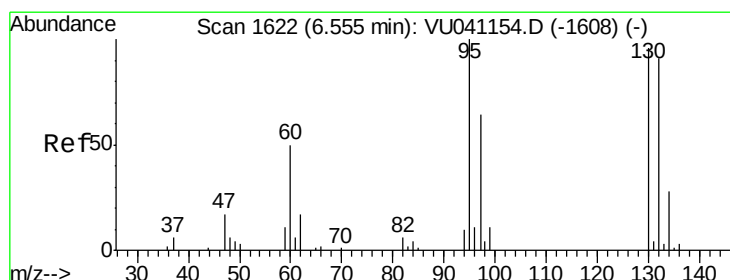
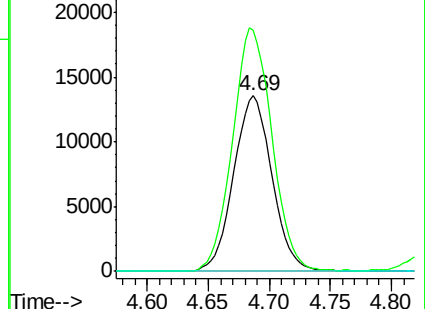
Abundance Ion 96.00 (95.70 to 96.70): VU041161.D (-1529) (-)



Ion 61.05 (60.75 to 61.75): VU041161.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU041161.D (-948) (-)

Time-->



#34

Trichloroethene

Concen: 2.549 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041161.D

Acq: 09 Nov 2020 23:53

Tgt Ion: 95 Resp: 11542

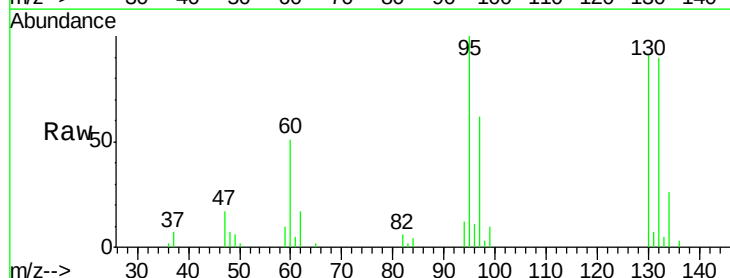
Ion Ratio Lower Upper

95 100

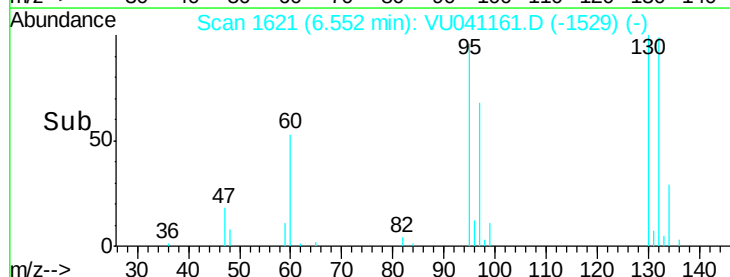
97 62.3 45.6 84.6

132 90.5 64.8 120.4

130 91.0 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU041161.D (-1529) (-)



Ion 96.95 (96.65 to 97.65): VU041161.D (-1529) (-)

Ion 131.95 (131.65 to 132.65): VU041161.D (-1529) (-)

Ion 129.95 (129.65 to 130.65): VU041161.D (-1529) (-)

Time-->

