

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039882.D
 Acq On : 17 Aug 2020 13:03
 Operator : SY/MD
 Sample : L3517-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L32

Quant Time: Aug 18 04:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	25198	6.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.20%
7) Chloroethane-d5	1.92	69	19334	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	26542	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.65	46	103229	57.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.74%
24) Chloroform-d	5.08	84	47156	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	29227	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.75	84	83327	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	29746	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	65424	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	12166	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.64	63	73226	57.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29099	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31845	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

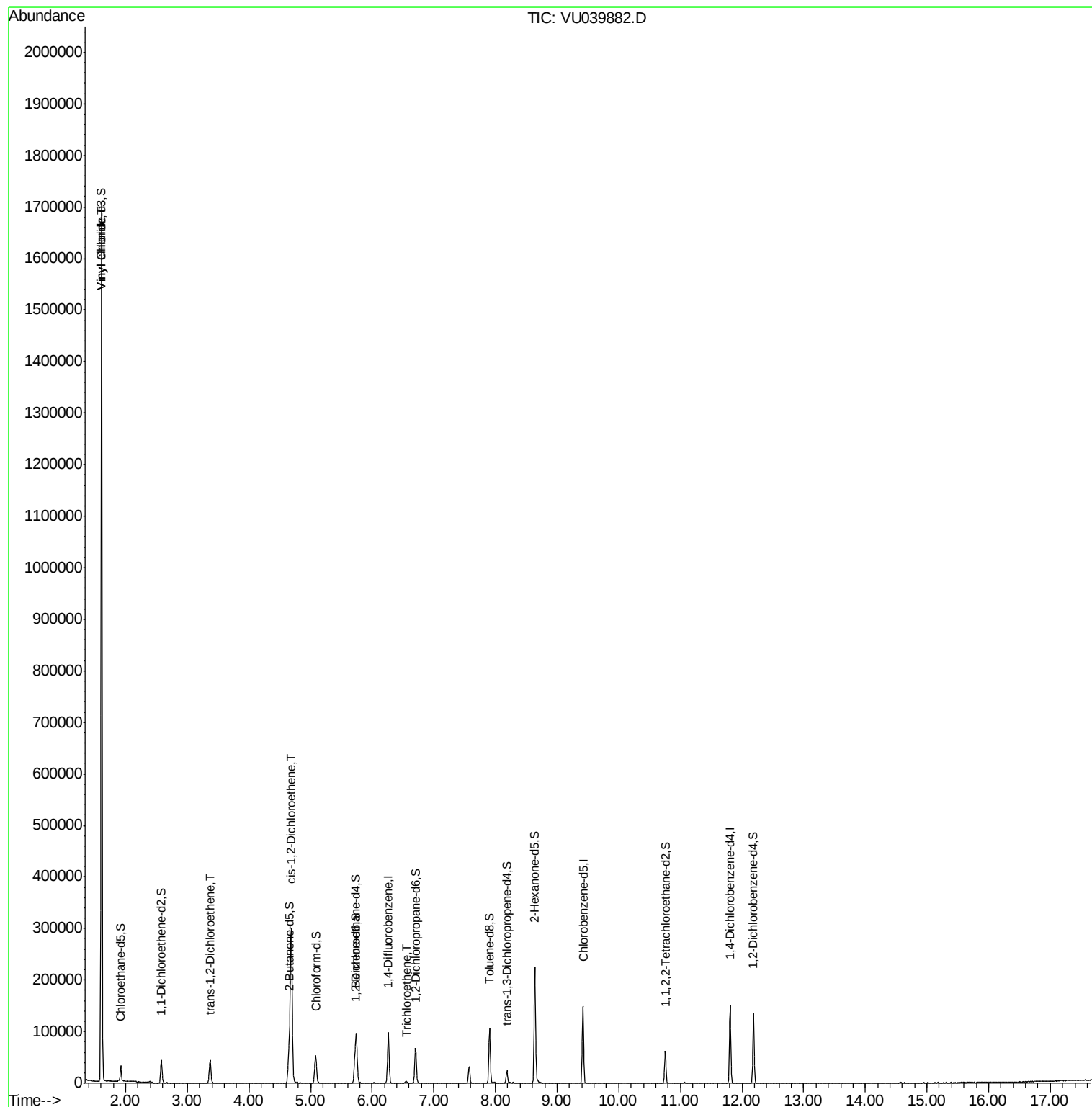
					Ovalue
5) Vinyl chloride	1.61	62	1071381	175.427 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	18039	3.616 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	141770	26.129 ug/L	96
34) Trichloroethene	6.55	95	896	0.167 ug/L #	80

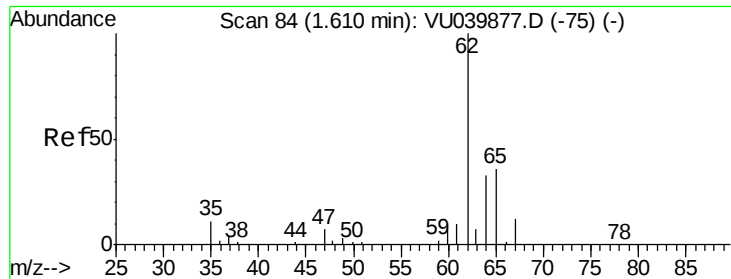
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 175.427 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 17 Aug 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

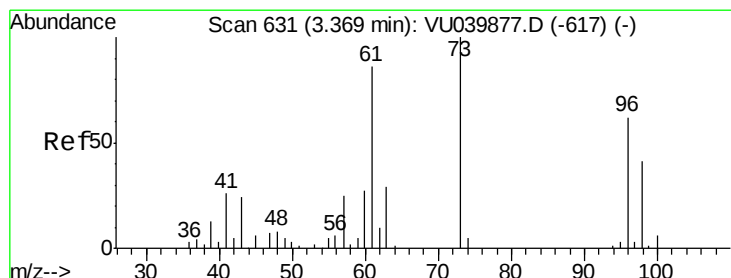
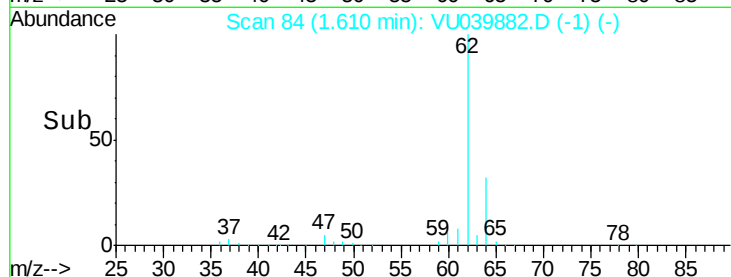
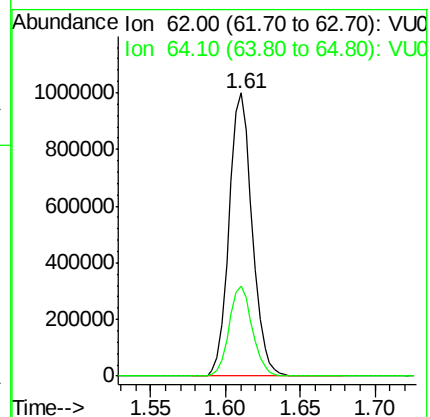
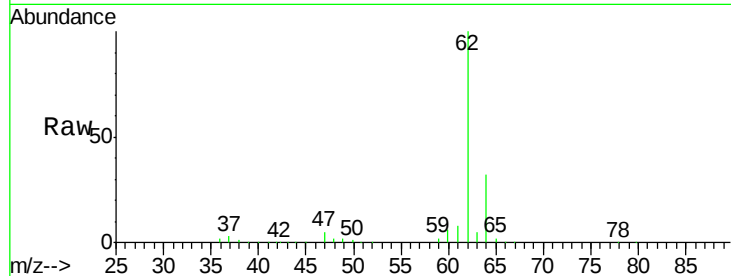
F4L32

Tot Ion: 62 Resp: 1071381

Ion Ratio Lower Upper

62 100

64 31.7 24.1 44.7



#18

trans-1,2-Dichloroethene

Concen: 3.616 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

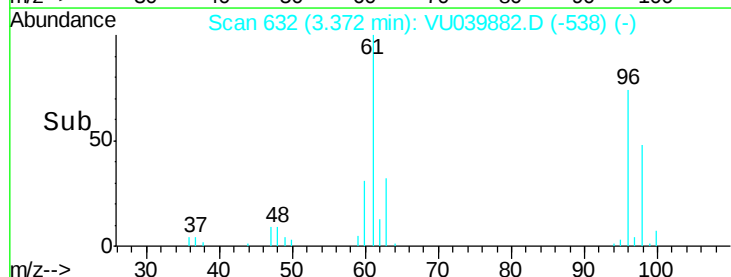
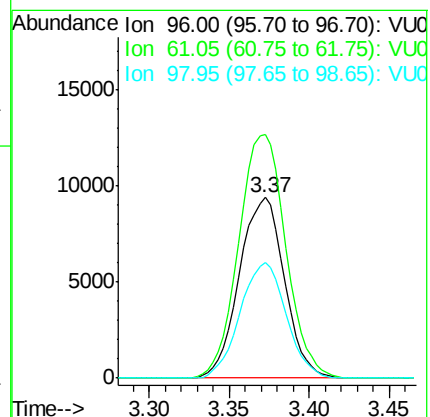
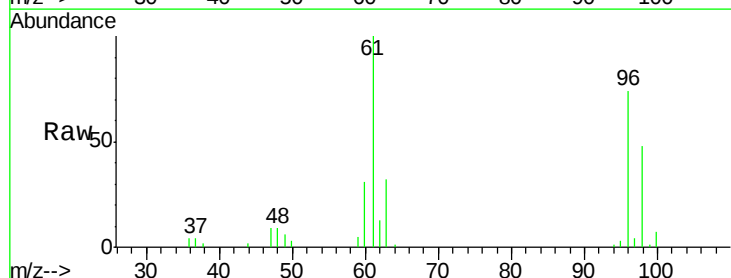
Tgt Ion: 96 Resp: 18039

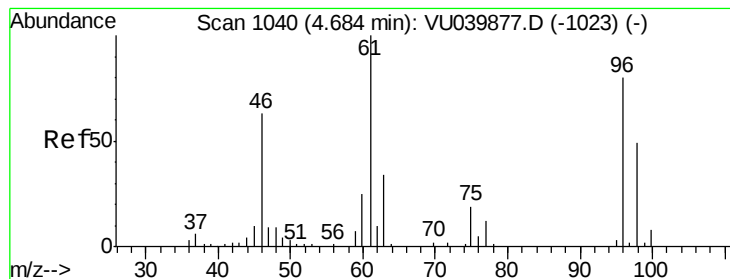
Ion Ratio Lower Upper

96 100

61 134.8 96.5 179.1

98 64.3 40.9 76.0





#22

cis-1,2-Dichloroethene

Concen: 26.129 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

Instrument :

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ClientSampleId :

F4L32

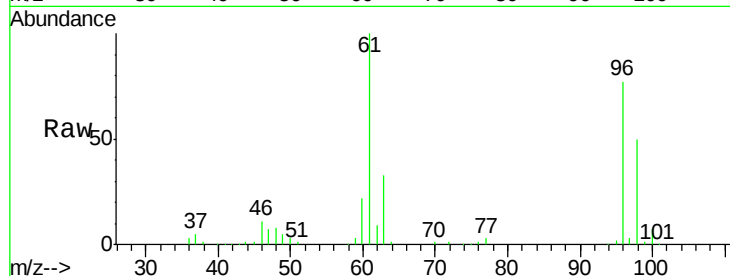
Tot Ion: 96 Resp: 141770

Ion Ratio Lower Upper

96 100

61 129.6 87.4 162.2

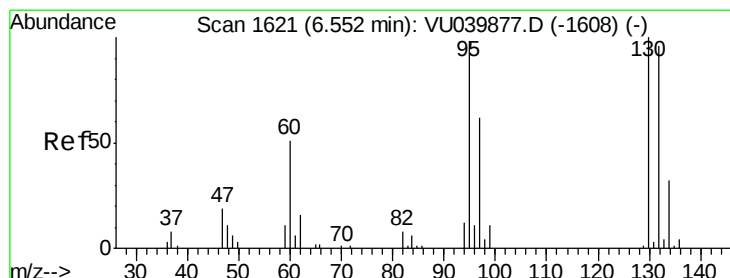
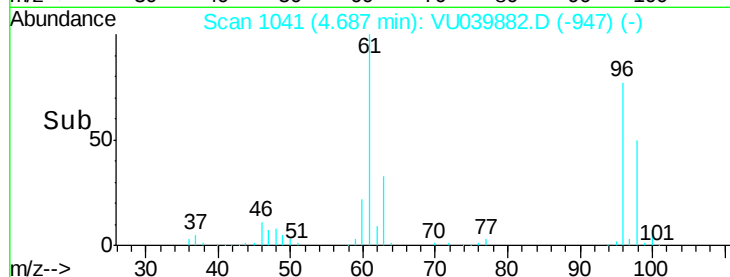
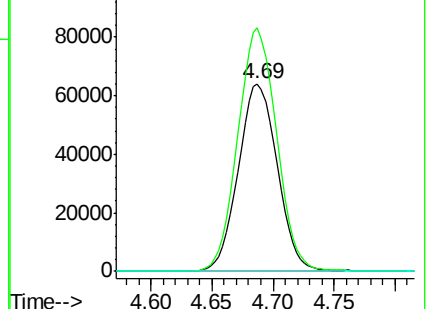
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039882.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU039882.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU039882.D (-1528) (-)



#34

Trichloroethene

Concen: 0.167 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU039882.D

Acq: 17 Aug 2020 13:03

Tgt Ion: 95 Resp: 896

Ion Ratio Lower Upper

95 100

97 51.3 44.0 81.8

132 64.9 71.7 133.3#

130 95.5 71.1 132.1

Abundance Ion 95.00 (94.70 to 95.70): VU039882.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU039882.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU039882.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU039882.D (-1528) (-)

