

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039881.D
 Acq On : 17 Aug 2020 12:39
 Operator : SY/MD
 Sample : L3517-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L31

Quant Time: Aug 18 04:48:04 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	75765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24584	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.92	69	19455	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.58	63	26291	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	105385	58.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.14%
24) Chloroform-d	5.08	84	46341	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	29376	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	82187	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.70	67	28798	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	67335	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	11072	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	75413	59.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28590	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33113	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

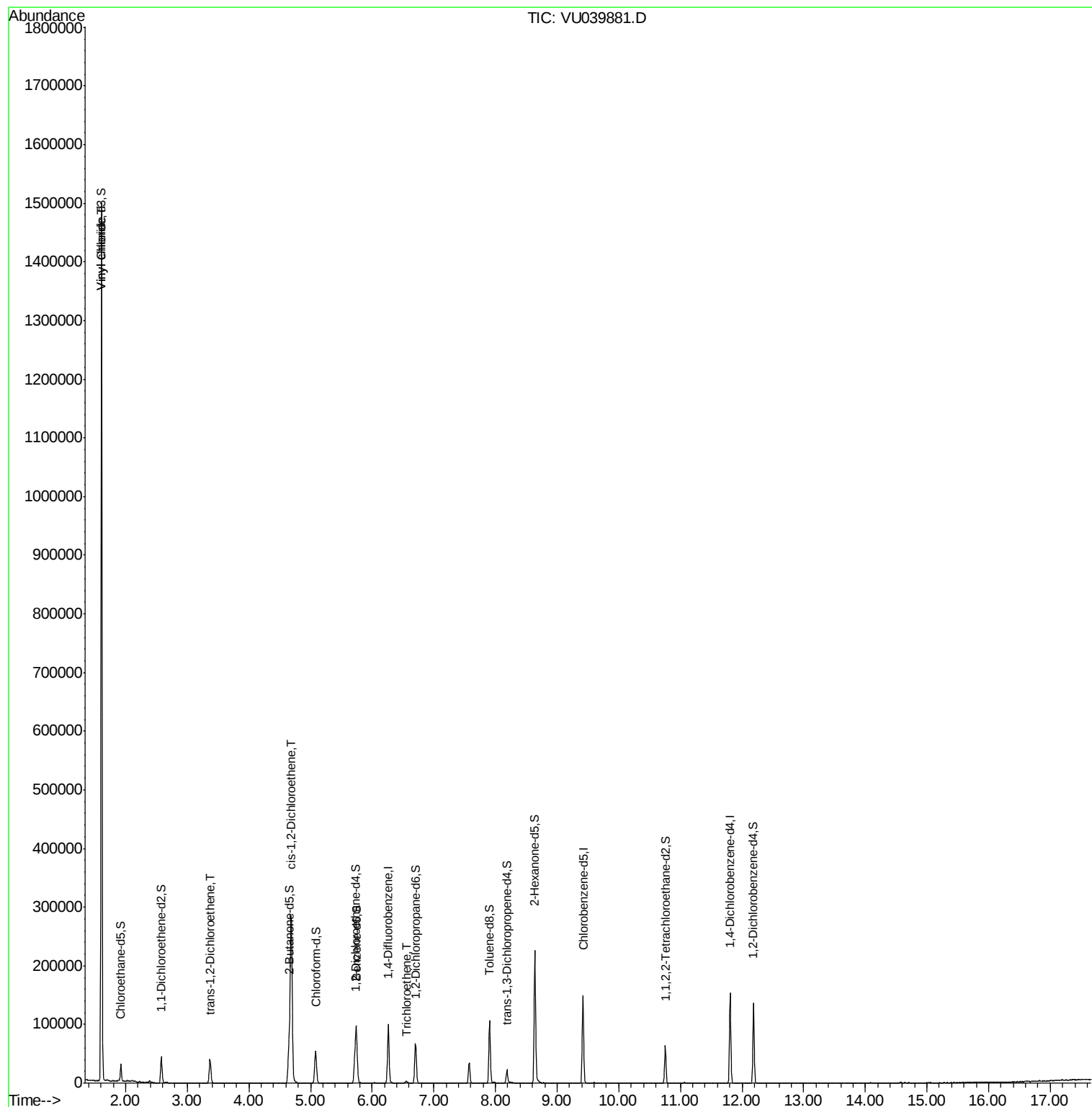
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	930175	150.997	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	16765	3.332	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	132816	24.269	ug/L	95
34) Trichloroethene	6.56	95	1010	0.189	ug/L #	72

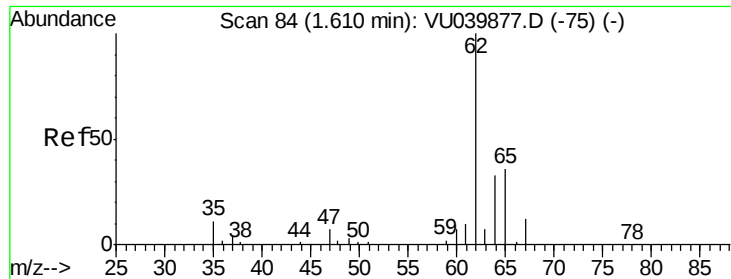
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 150.997 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039881.D

Acq: 17 Aug 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

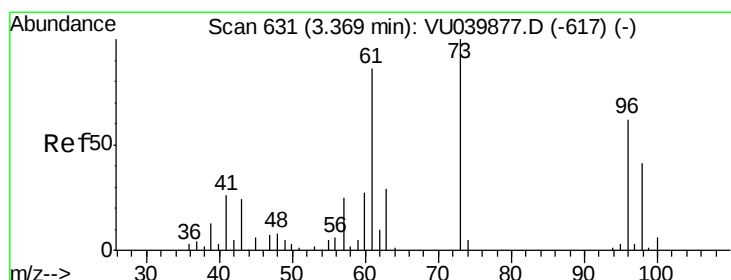
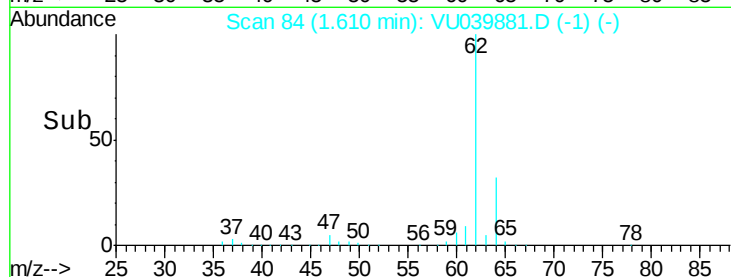
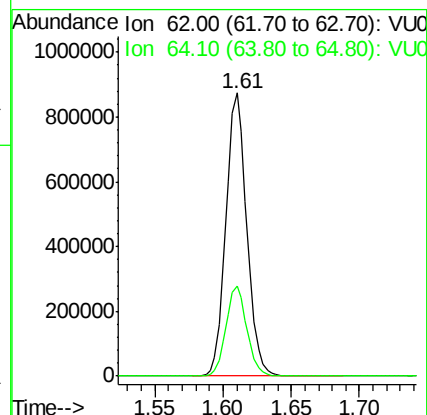
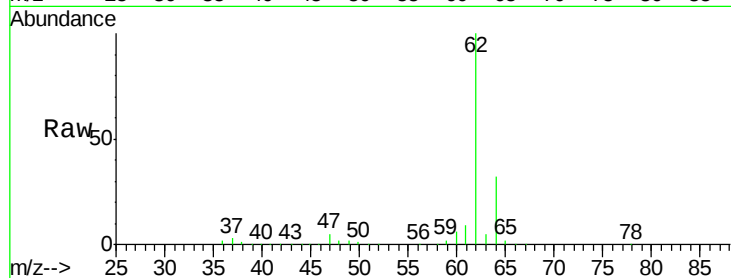
F4L31

Tot Ion: 62 Resp: 930175

Ion Ratio Lower Upper

62 100

64 31.9 24.1 44.7



#18

trans-1,2-Dichloroethene

Concen: 3.332 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU039881.D

Acq: 17 Aug 2020 12:39

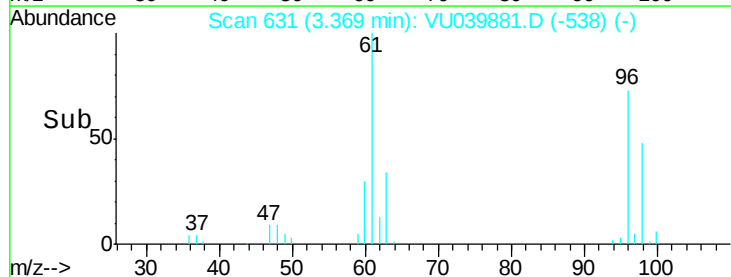
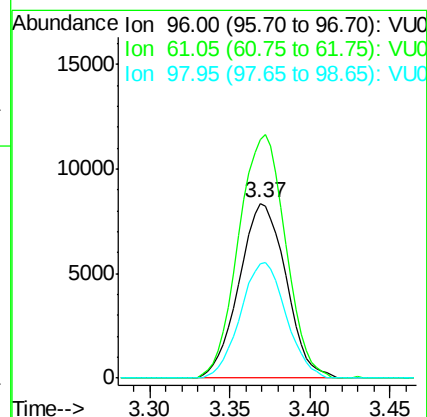
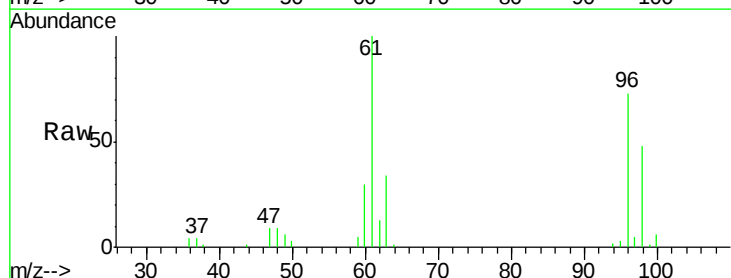
Tgt Ion: 96 Resp: 16765

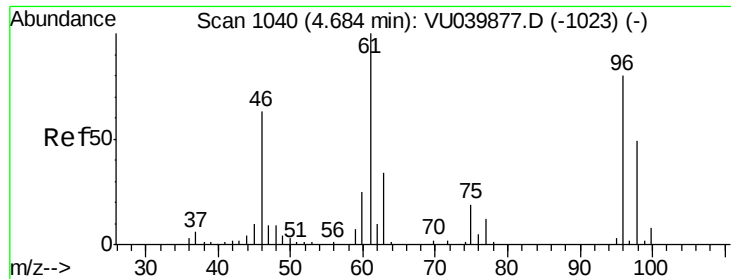
Ion Ratio Lower Upper

96 100

61 136.5 96.5 179.1

98 65.1 40.9 76.0

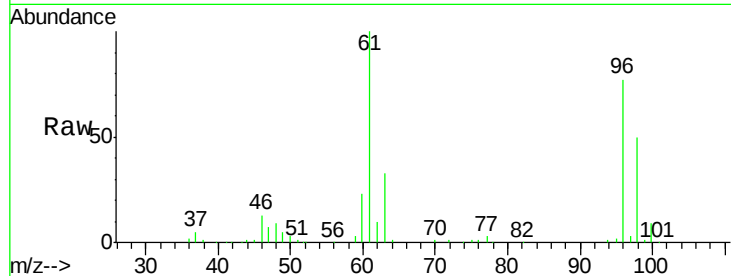




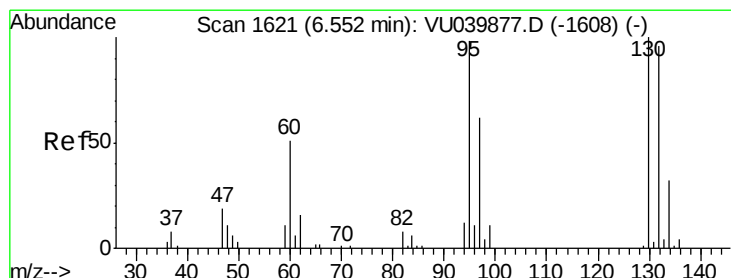
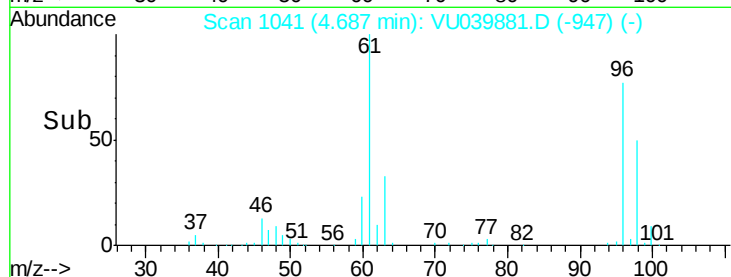
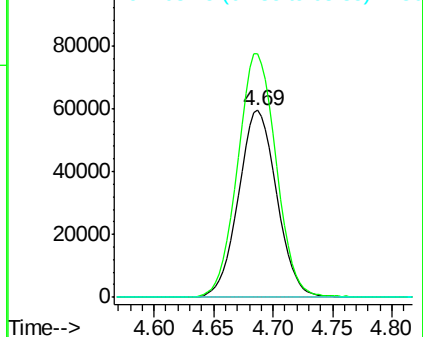
#22
 cis-1,2-Dichloroethene
 Concen: 24.269 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039881.D
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 MSVOA_U
 ClientSampleId :
 F4L31

Tot Ion: 96 Resp: 132816
 Ion Ratio Lower Upper
 96 100
 61 130.2 87.4 162.2
 68 0.0 0.0 0.0

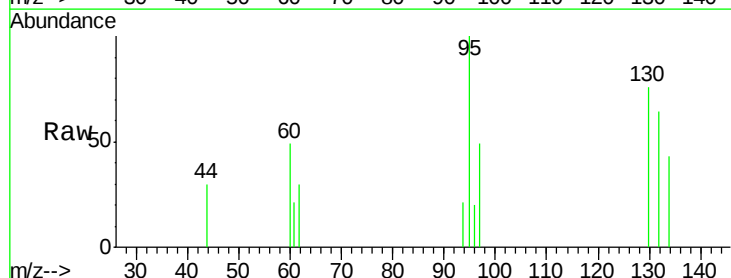


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#34
 Trichloroethene
 Concen: 0.189 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: VU039881.D
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Tgt Ion: 95 Resp: 1010
 Ion Ratio Lower Upper
 95 100
 97 48.8 44.0 81.8
 132 64.1 71.7 133.3#
 130 76.1 71.1 132.1



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

