

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039783.D
 Acq On : 07 Aug 2020 13:40
 Operator : SY/MD
 Sample : L3572-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L56

Quant Time: Aug 08 04:11:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71492	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16411	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	18632	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	23812	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.65	46	90101	53.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	5.09	84	44799	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.72	65	27986	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.74	84	76083	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	27201	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	56930	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.19	79	9566	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	61861	53.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25374	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26732	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

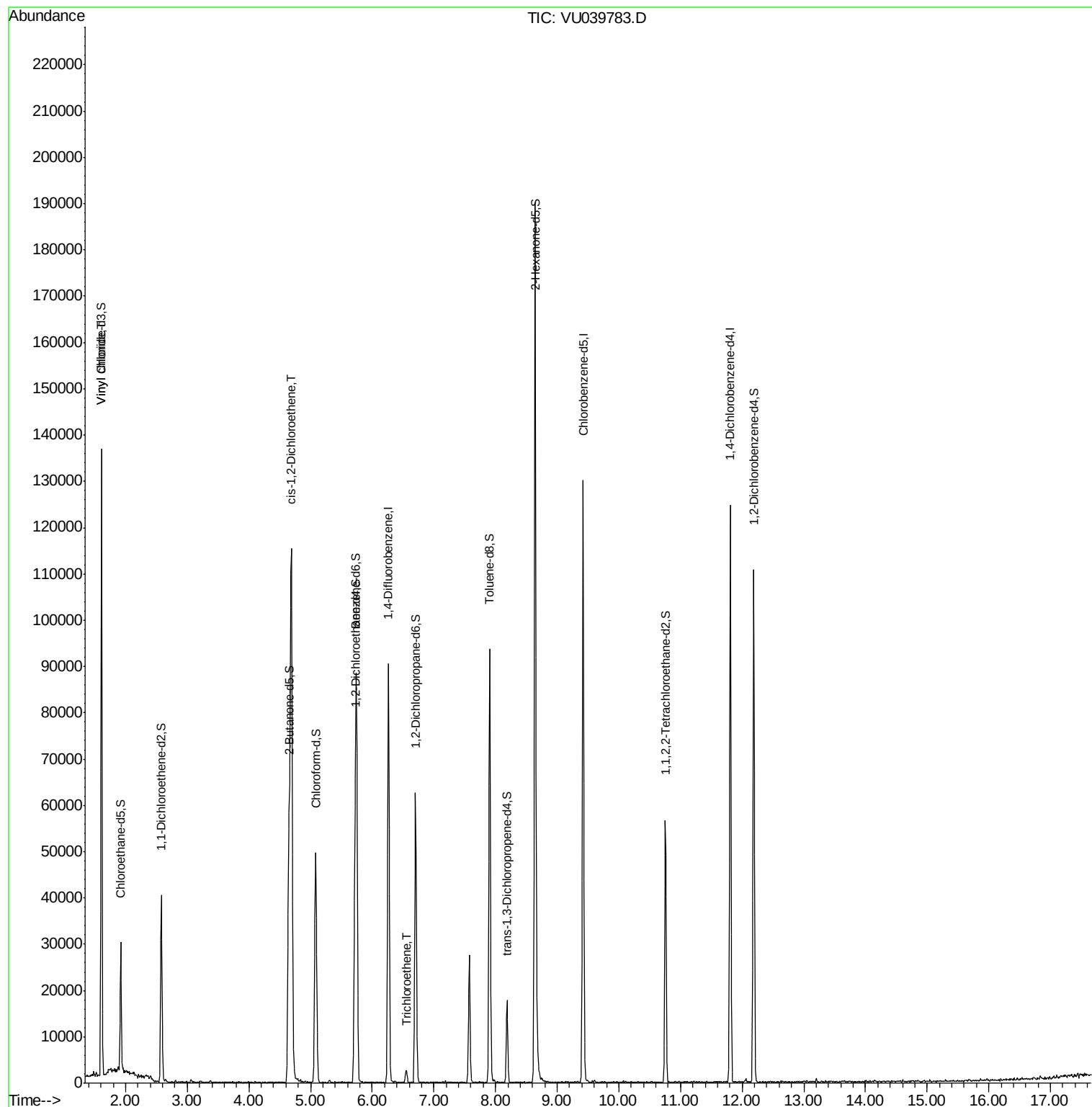
					Ovalue
5) Vinyl chloride	1.61	62	70323	12.098	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	54294	10.514	ug/L 99
34) Trichloroethene	6.56	95	979	0.204	ug/L 84

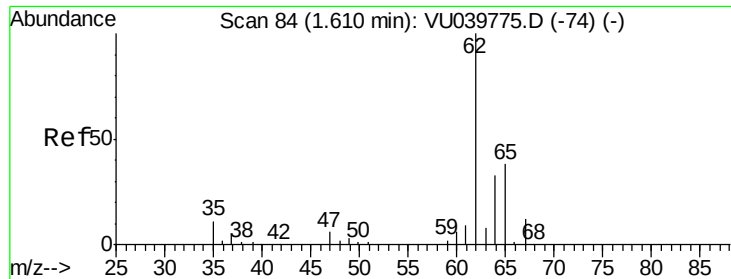
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.098 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 07 Aug 2020 13:40

Instrument :

MSVOA_U

ClientSampleId :

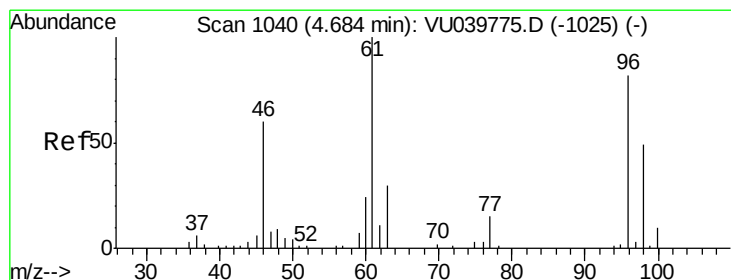
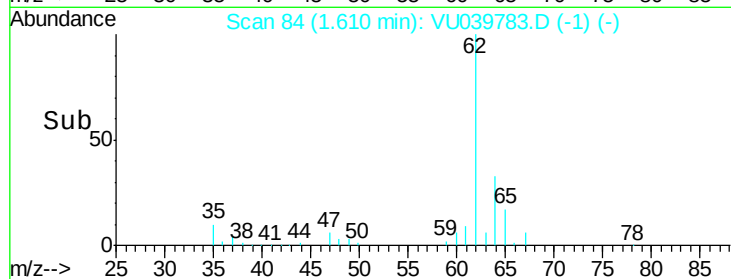
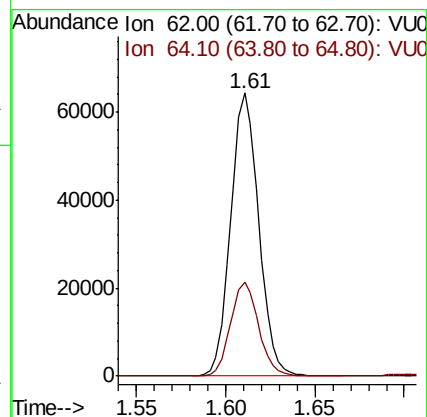
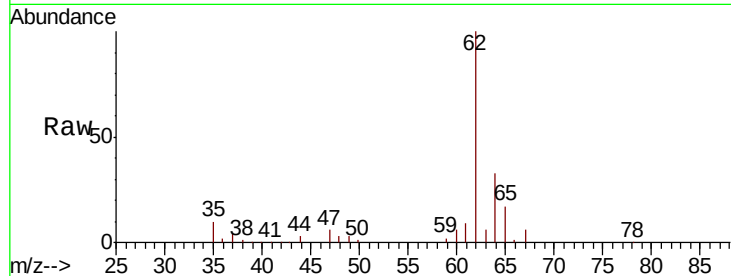
F2L56

Tot Ion: 62 Resp: 70323

Ion Ratio Lower Upper

62 100

64 33.2 24.1 44.7



#22

cis-1,2-Dichloroethene

Concen: 10.514 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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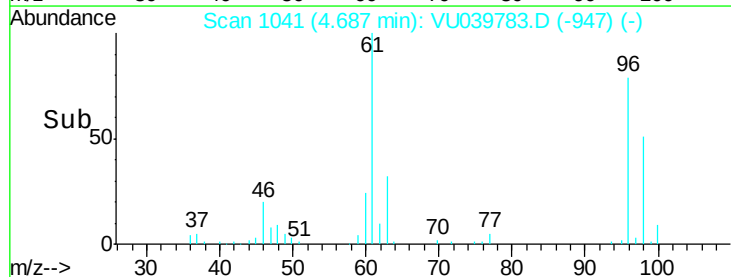
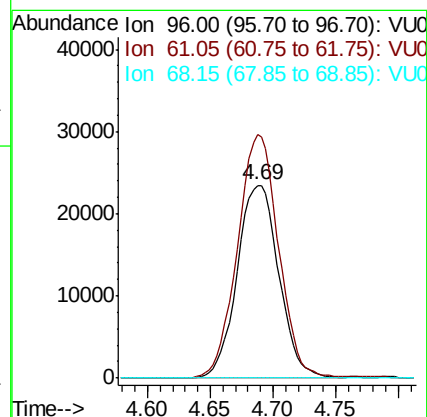
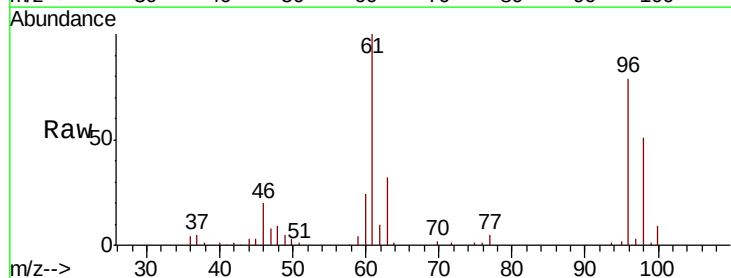
Tgt Ion: 96 Resp: 54294

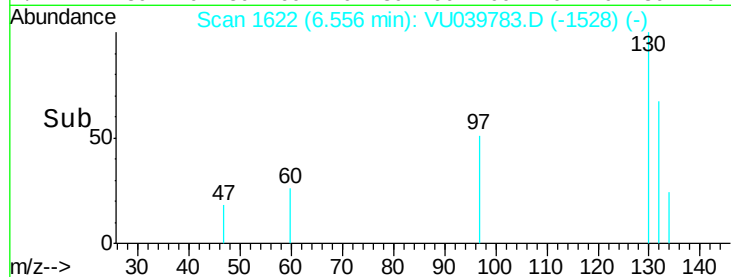
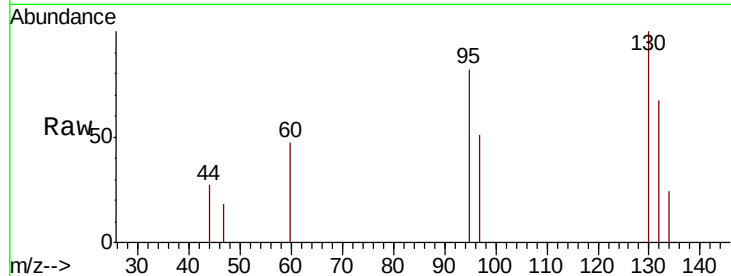
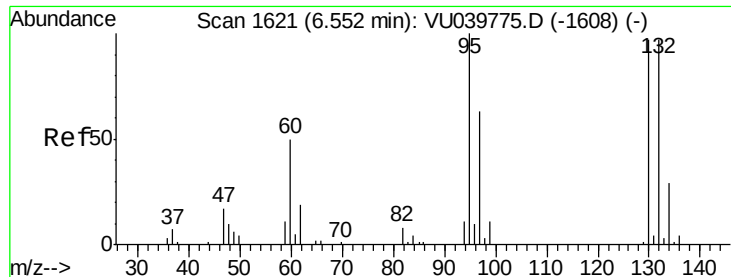
Ion Ratio Lower Upper

96 100

61 126.2 87.4 162.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.204 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

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F2L56

Tot Ion: 95 Resp: 979

Ion Ratio Lower Upper

95 100

97 62.1 44.0 81.8

132 81.2 71.7 133.3

130 121.8 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

