

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040380.D
 Acq On : 29 Sep 2020 23:57
 Operator : SY/MD
 Sample : L4186-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F2

Quant Time: Sep 30 03:47:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123771	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29182	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	27718	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	46285	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.65	46	160234	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.08	84	73426	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	46106	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.75	84	126916	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.70	67	47704	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	97430	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.19	79	17609	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	110577	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44423	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	45908	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

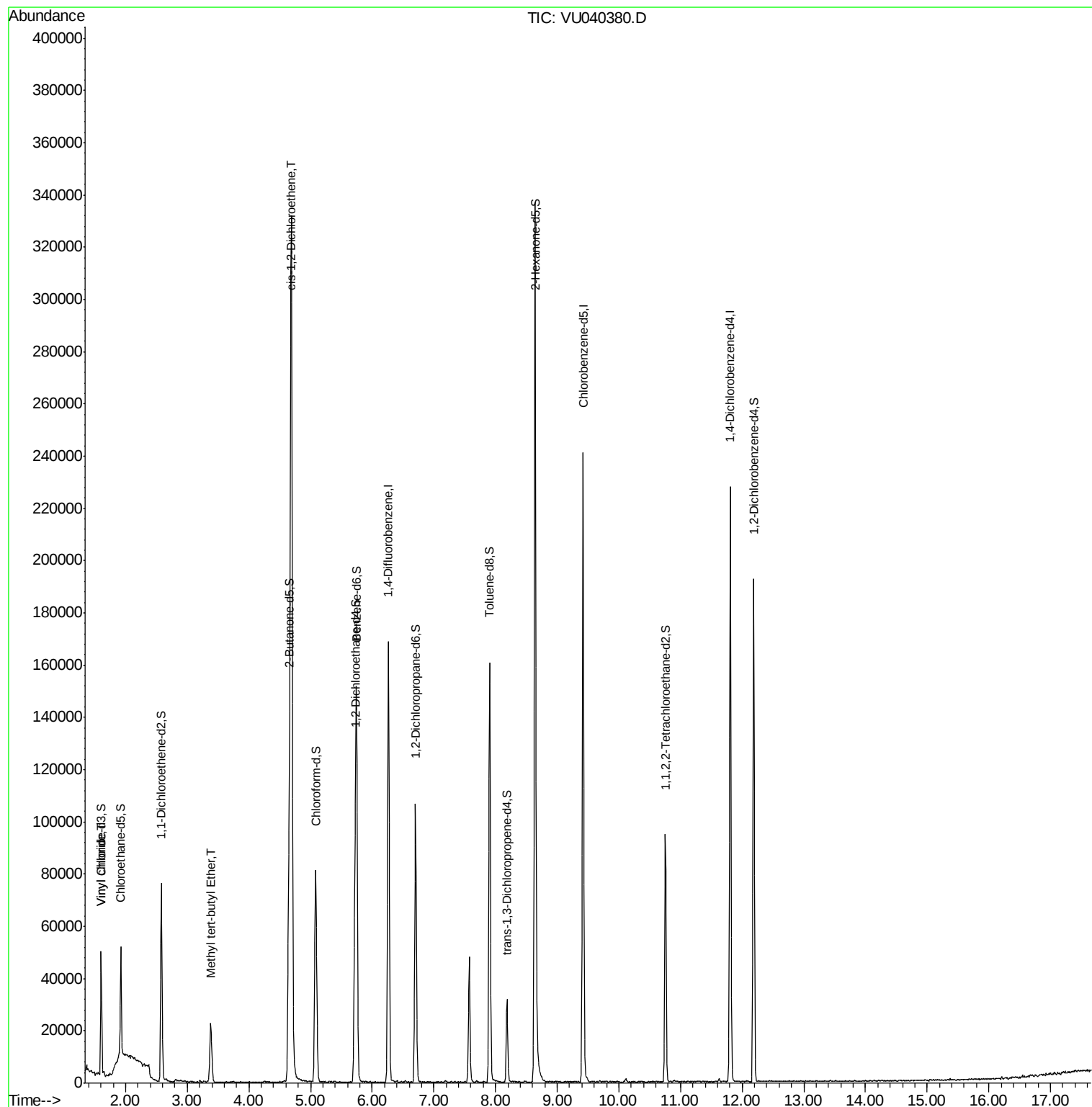
					Ovalue
5) Vinyl chloride	1.61	62	3374	0.282 ug/L	# 76
17) Methyl tert-butyl Ether	3.38	73	22495	0.866 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	150848	13.990 ug/L	100

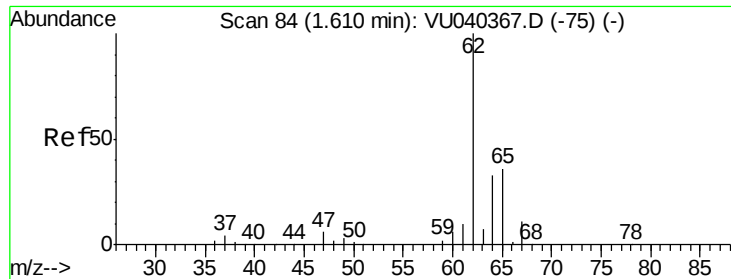
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.282 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040380.D

Acq: 29 Sep 2020 23:57

Instrument :

MSVOA_U

ClientSampleId :

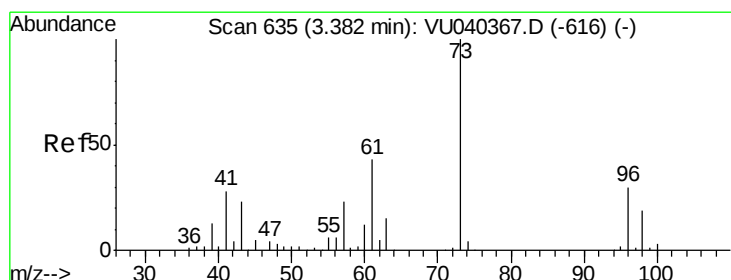
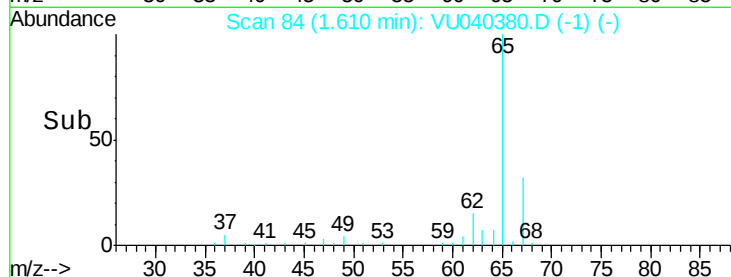
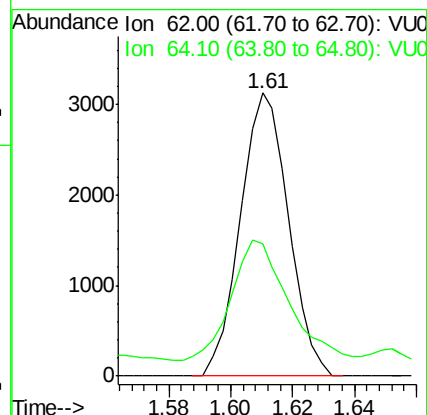
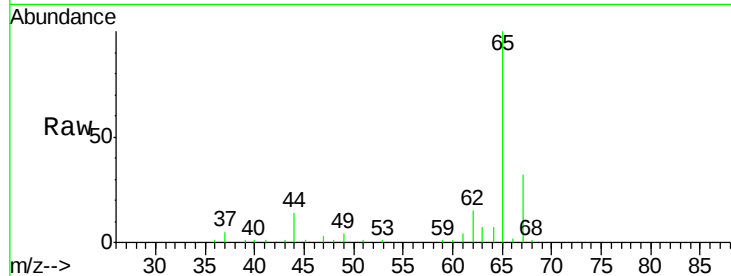
BG0F2

Tot Ion: 62 Resp: 3374

Ion Ratio Lower Upper

62 100

64 46.7 23.0 42.8#



#17

Methyl tert-butyl Ether

Concen: 0.866 ug/L

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

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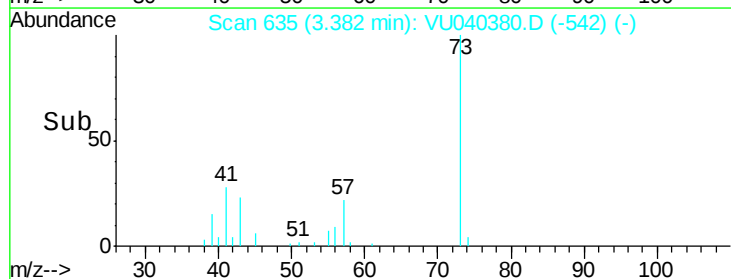
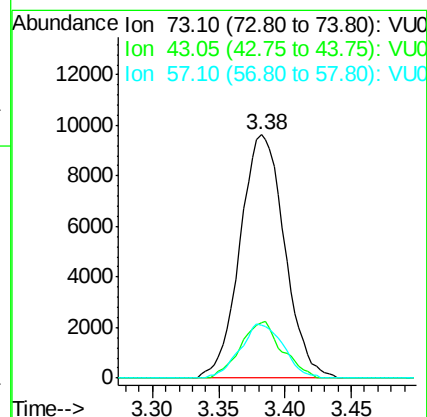
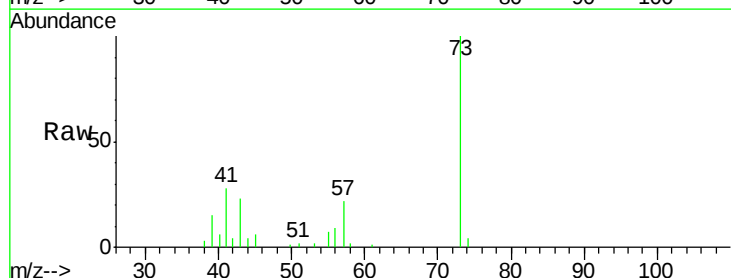
Tgt Ion: 73 Resp: 22495

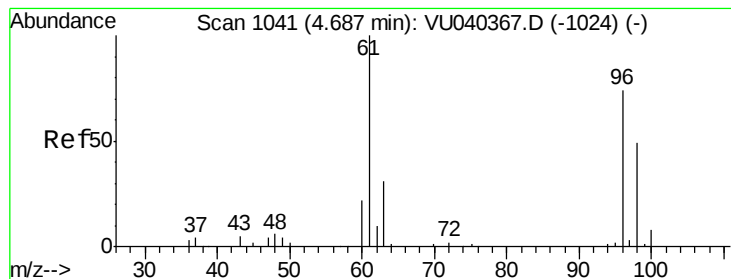
Ion Ratio Lower Upper

73 100

43 21.7 19.0 28.4

57 21.7 18.9 28.3





#22

cis-1,2-Dichloroethene

Concen: 13.990 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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ClientSampleId :

BG0F2

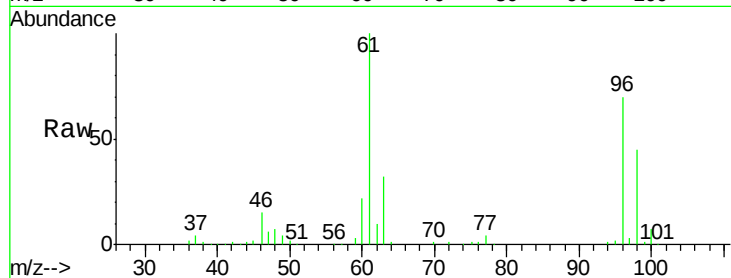
Tot Ion: 96 Resp: 150848

Ion Ratio Lower Upper

96 100

61 142.0 99.3 184.5

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

