

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035068.D
 Acq On : 10 Oct 2019 23:27
 Operator : JC/SP
 Sample : K5310-01 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-1-001-01

Quant Time: Oct 11 05:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43077	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	38339	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	56044	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	155614	57.18	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.36%
24) Chloroform-d	4.63	84	85692	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.29	65	52124	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.32	84	167700	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.31	67	63633	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.55	98	145121	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	16648	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.30	63	110318	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56679	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55032	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

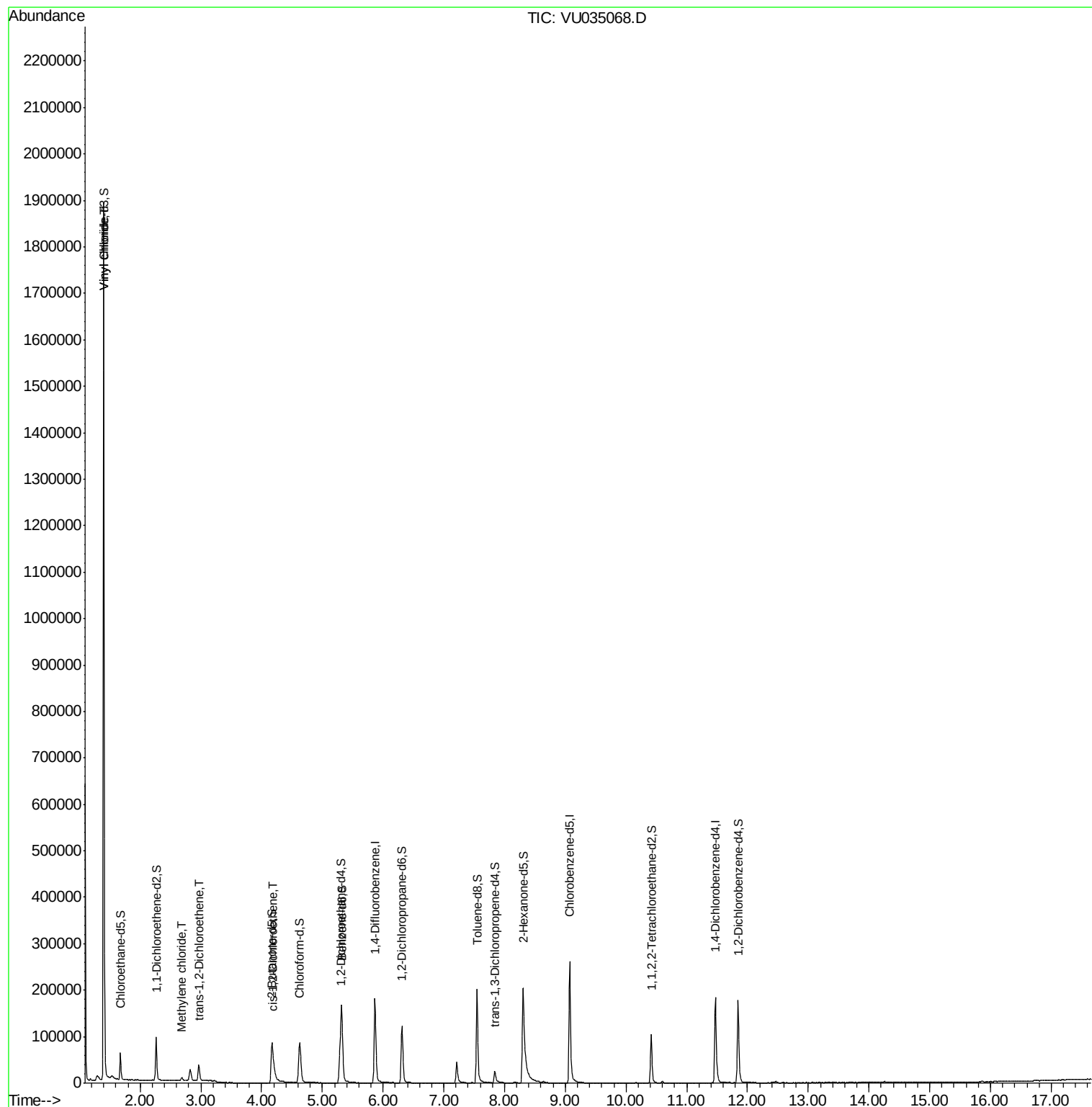
					Ovalue
5) Vinyl chloride	1.40	62	1180060	76.657 ug/L	99
16) Methylene chloride	2.68	84	2771	0.223 ug/L	83
18) trans-1,2-Dichloroethene	2.96	96	12782	1.189 ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	2913	0.243 ug/L	96

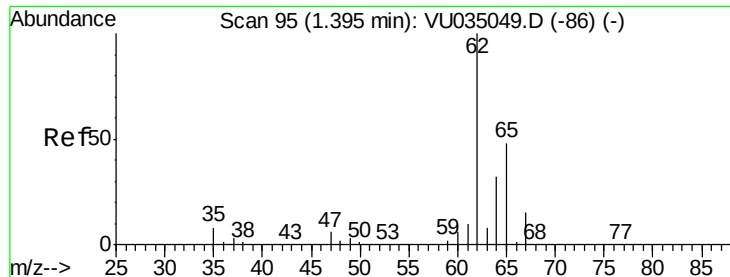
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 76.657 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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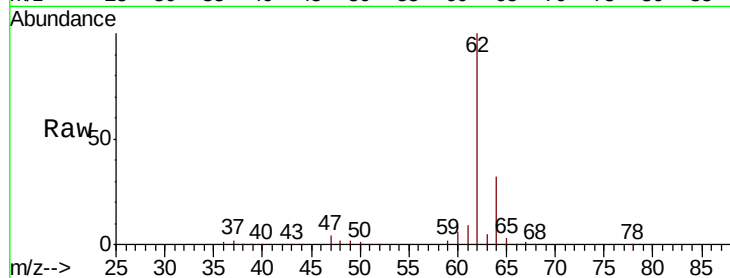
W-1-001-01

Tot Ion: 62 Resp: 1180060

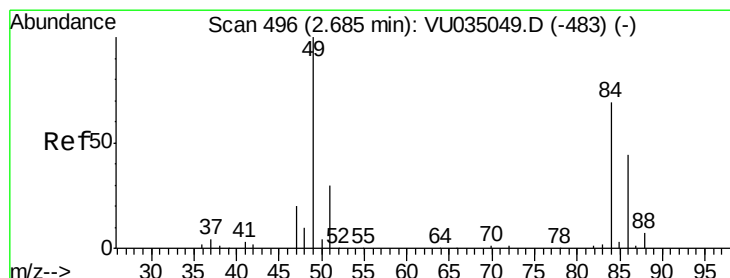
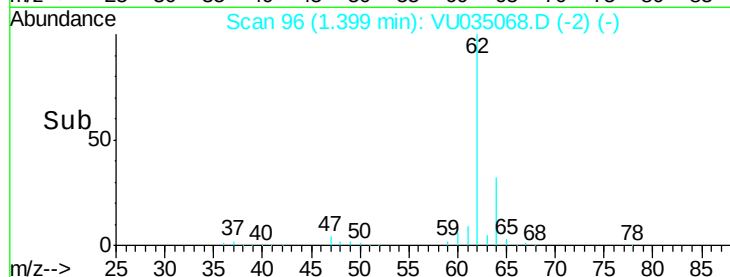
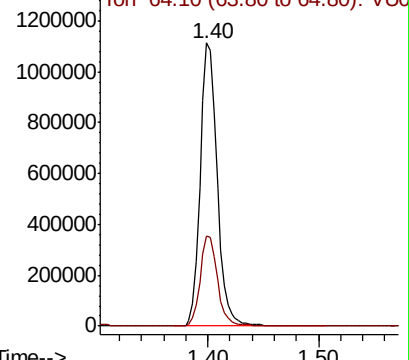
Ion Ratio Lower Upper

62 100

64 32.0 22.8 42.4



Abundance Ion 62.00 (61.70 to 62.70): VU035068.D (-2) (-)



#16

Methylene chloride

Concen: 0.223 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

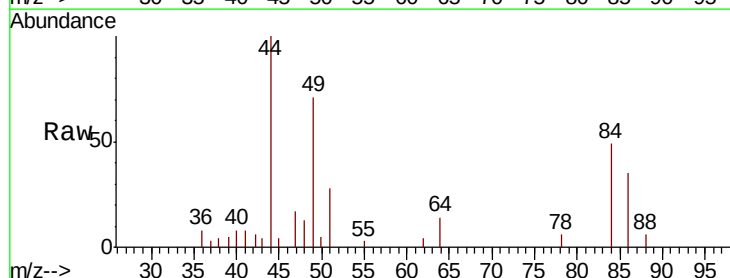
Tgt Ion: 84 Resp: 2771

Ion Ratio Lower Upper

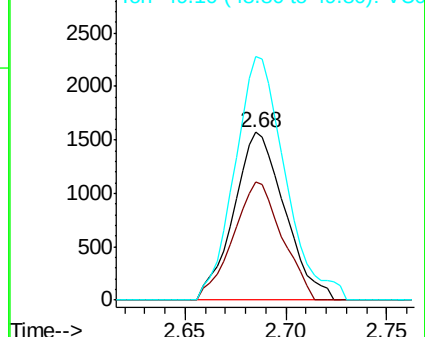
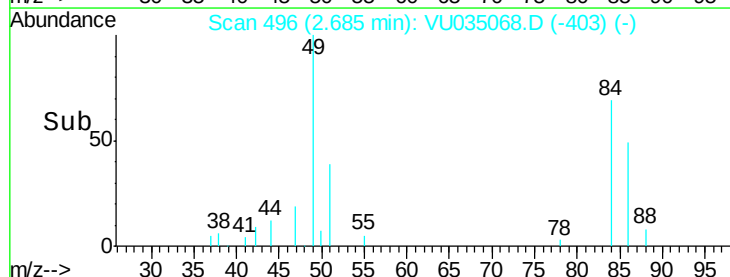
84 100

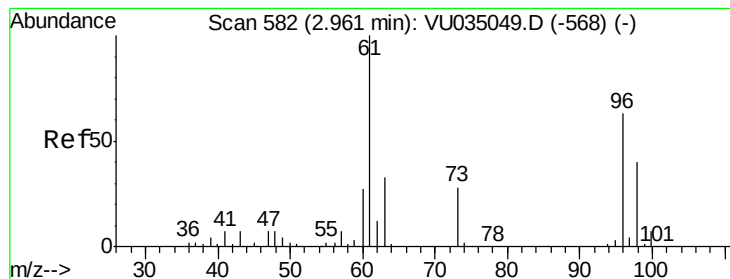
86 70.4 42.5 78.9

49 145.1 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035068.D (-403) (-)





#18

trans-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU035068.D

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Instrument :

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ClientSampleId :

IW-1-001-01

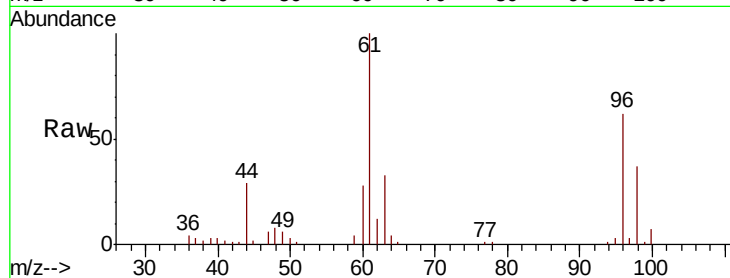
Tot Ion: 96 Resp: 12782

Ion Ratio Lower Upper

96 100

61 162.2 107.1 198.9

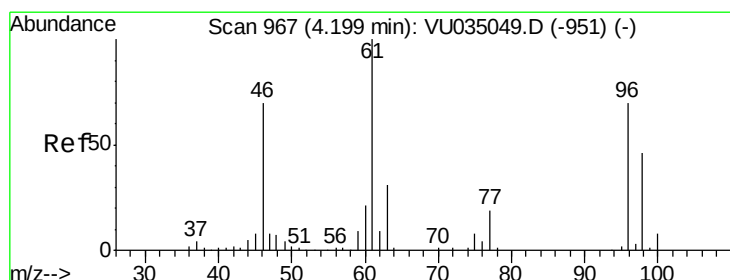
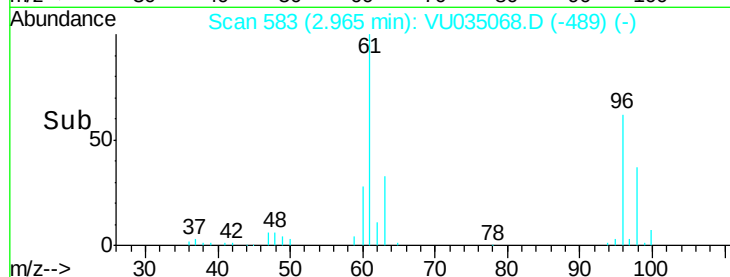
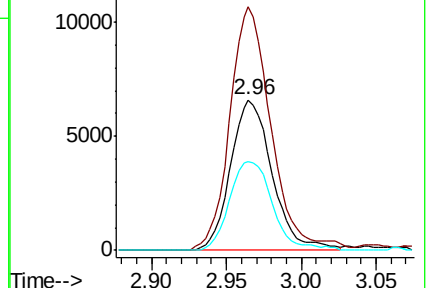
98 59.5 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035049.D (-568) (-)

Ion 61.05 (60.75 to 61.75): VU035049.D (-568) (-)

Ion 97.95 (97.65 to 98.65): VU035049.D (-568) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU035068.D

Acq: 10 Oct 2019 23:27

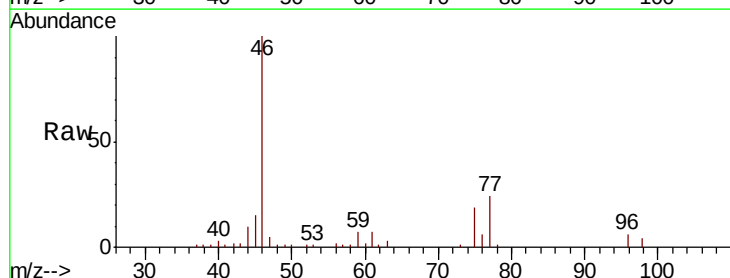
Tgt Ion: 96 Resp: 2913

Ion Ratio Lower Upper

96 100

61 122.8 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035049.D (-951) (-)

Ion 61.05 (60.75 to 61.75): VU035049.D (-951) (-)

Ion 68.15 (67.85 to 68.85): VU035049.D (-951) (-)

