

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040378.D
 Acq On : 29 Sep 2020 23:11
 Operator : SY/MD
 Sample : L4186-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F0

Quant Time: Sep 30 03:40:53 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	124343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27575	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.92	69	27871	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	47221	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.65	46	156862	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	5.08	84	72264	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	44448	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.75	84	125113	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	46236	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	95381	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	16599	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	108810	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44012	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45395	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

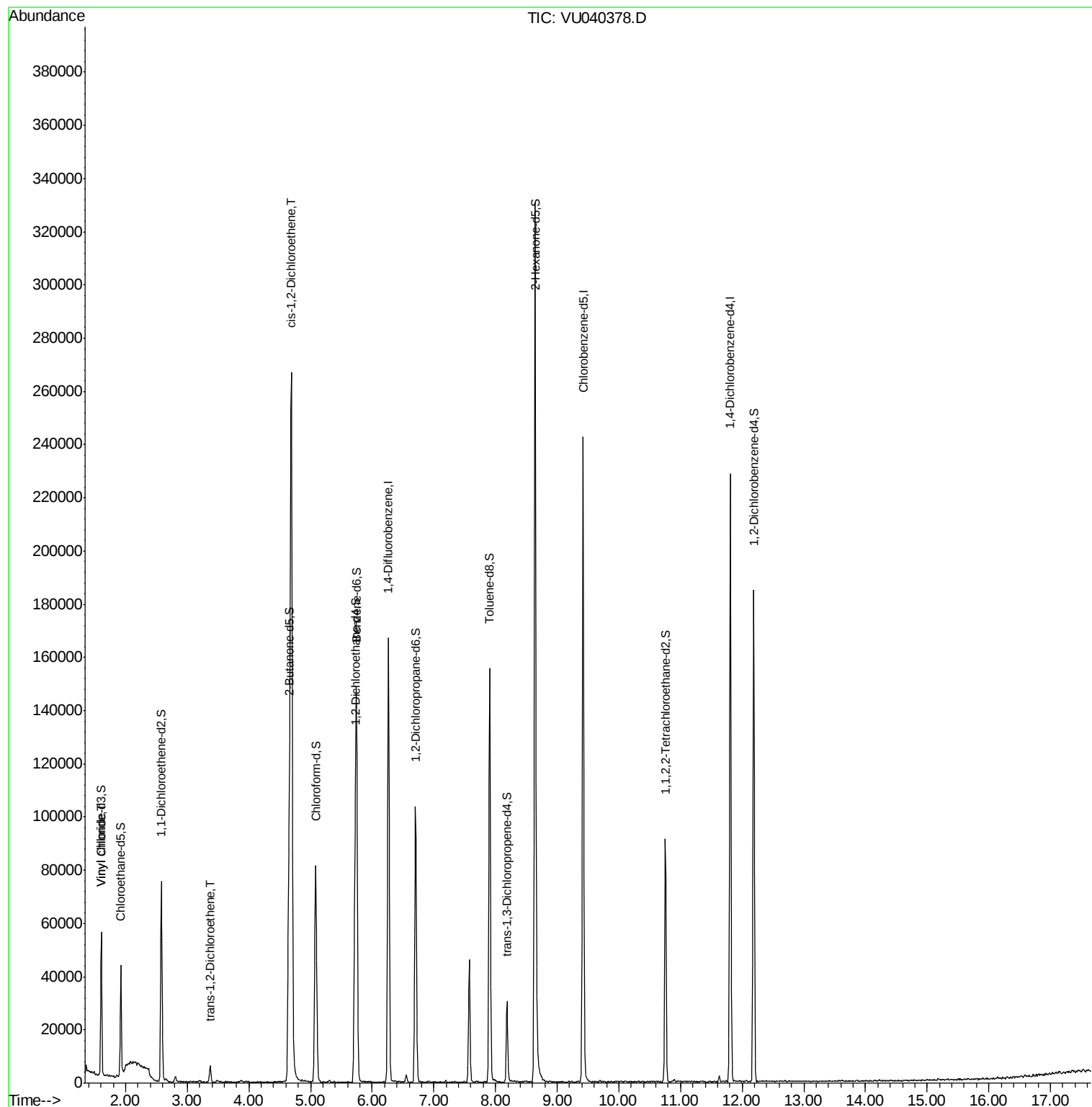
					Ovalue
5) Vinyl chloride	1.61	62	9299	0.774 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2368	0.242 ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	120665	11.139 ug/L	99

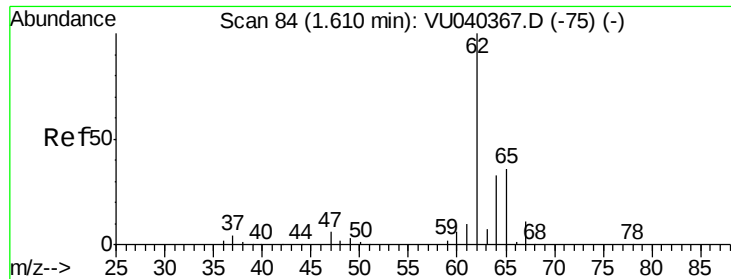
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.774 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040378.D

Acq: 29 Sep 2020 23:11

Instrument :

MSVOA_U

ClientSampled :

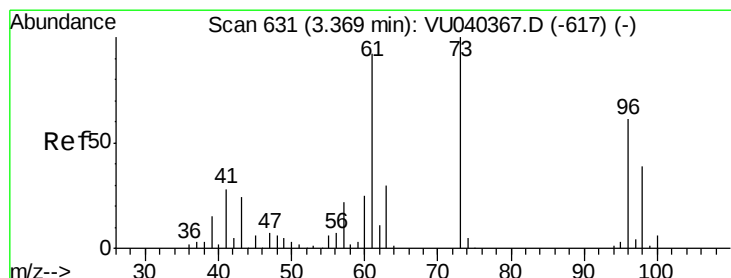
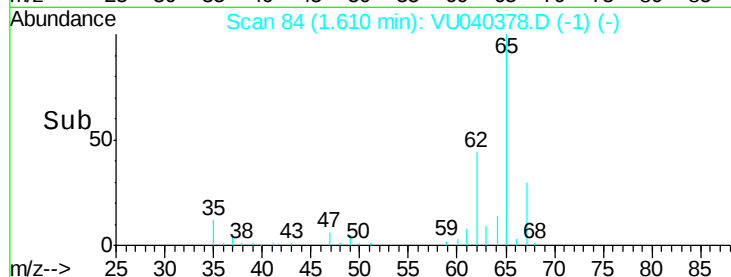
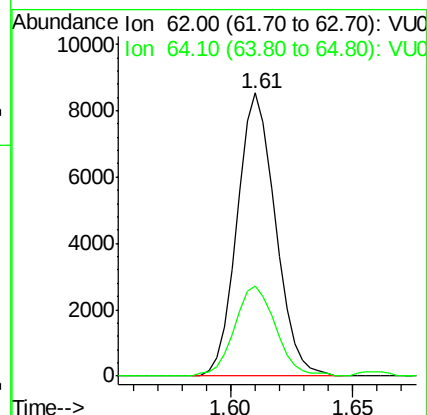
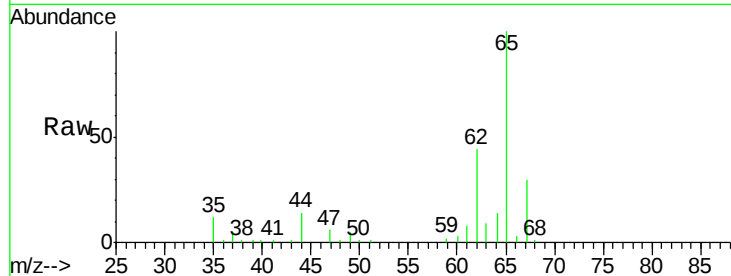
BG0F0

Tot Ion: 62 Resp: 9299

Ion Ratio Lower Upper

62 100

64 31.9 23.0 42.8



#18

trans-1,2-Dichloroethene

Concen: 0.242 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

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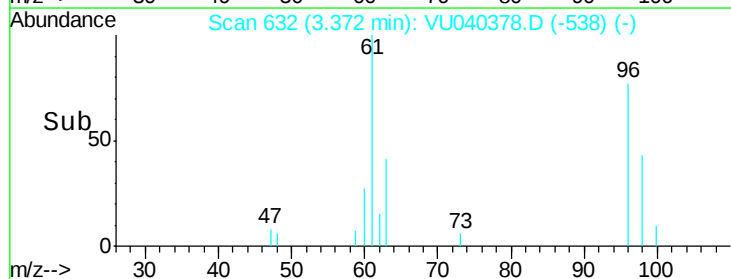
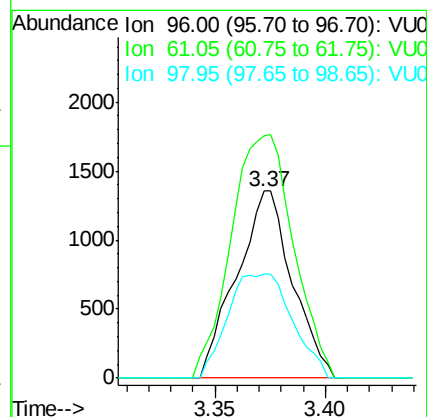
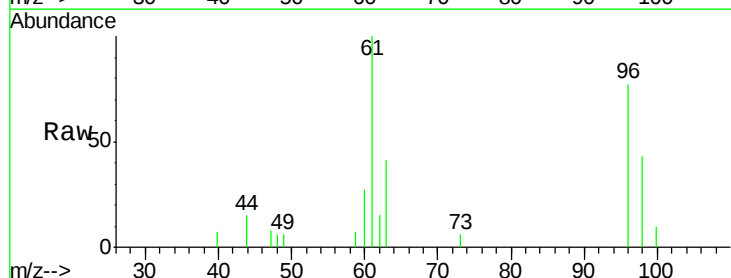
Tgt Ion: 96 Resp: 2368

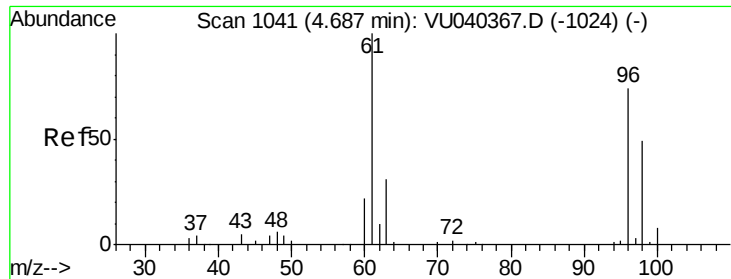
Ion Ratio Lower Upper

96 100

61 129.6 109.3 203.1

98 55.8 45.8 85.0

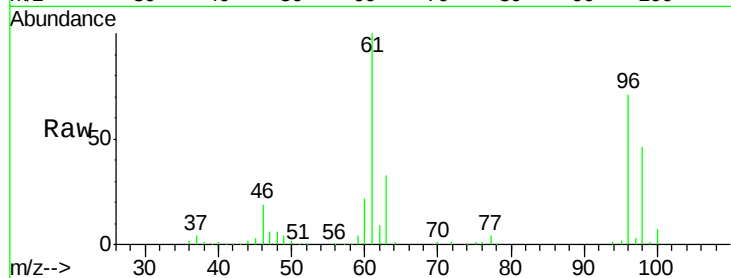




#22
 cis-1,2-Dichloroethene
 Concen: 11.139 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: VU040378.D
 Acq: 29 Sep 2020 23:11

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 BG0F0

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	140.3	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

