

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040407.D
 Acq On : 30 Sep 2020 18:45
 Operator : SY/MD
 Sample : L4186-11DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F1DL

Quant Time: Oct 01 04:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122287	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55440	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26320	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.92	69	26178	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	42887	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	159540	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.08	84	68723	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	43591	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	123515	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	46219	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.90	98	93547	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	16460	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	107773	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44568	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	44424	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

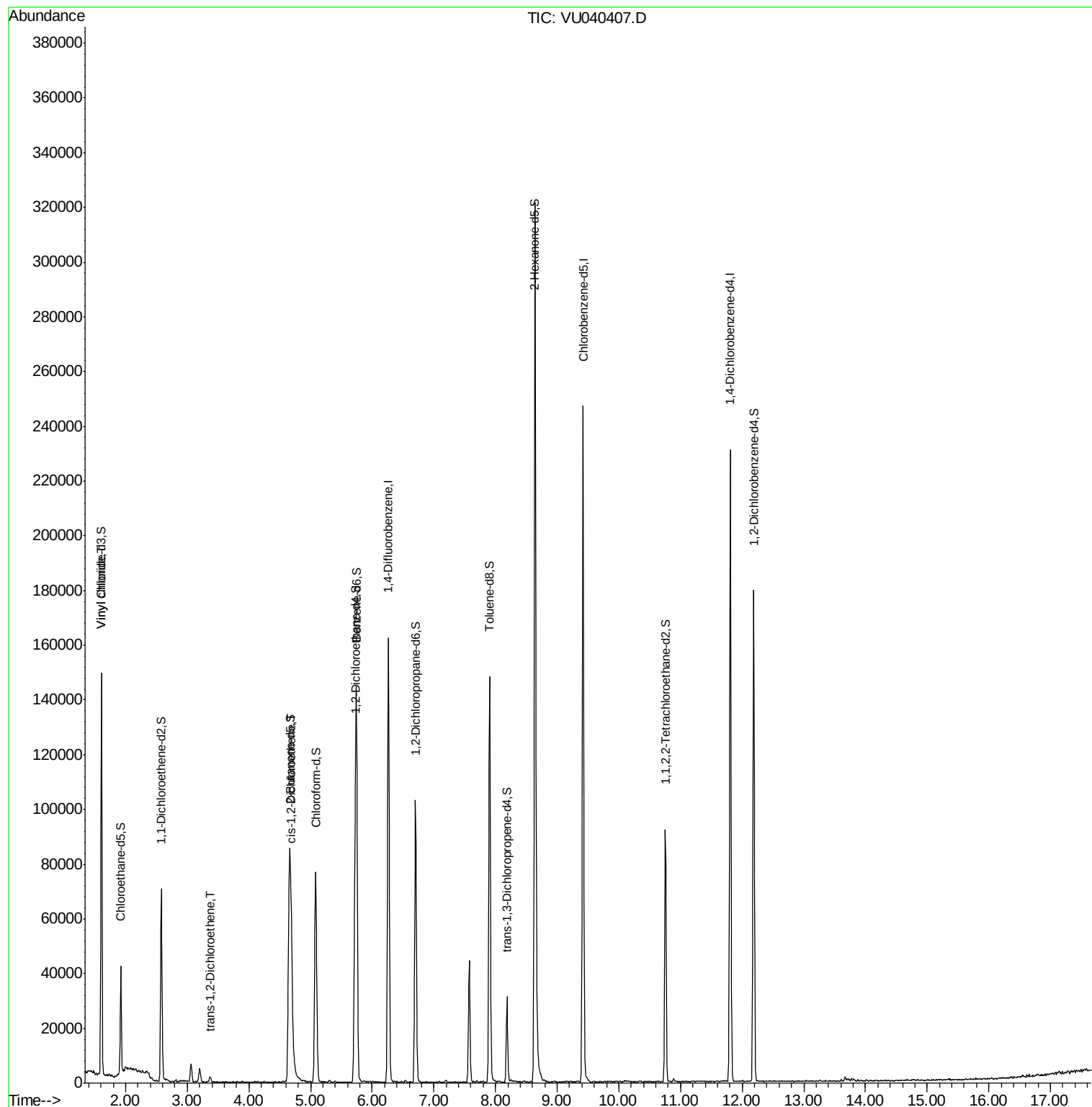
					Ovalue
5) Vinyl chloride	1.61	62	76476	6.470 ug/L	97
18) trans-1,2-Dichloroethene	3.38	96	1037	0.108 ug/L	74
22) cis-1,2-Dichloroethene	4.69	96	11185	1.050 ug/L	98

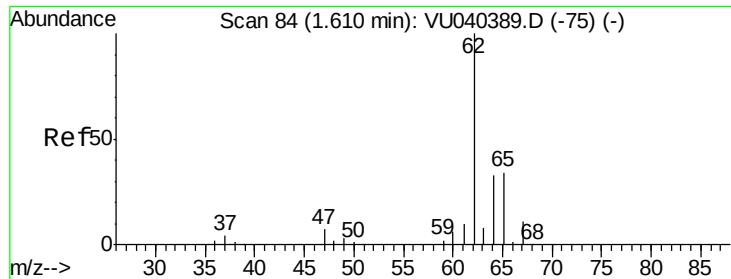
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.470 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

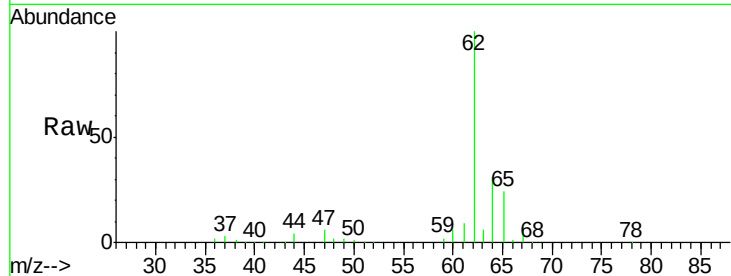
BG0F1DL

Tot Ion: 62 Resp: 76476

Ion Ratio Lower Upper

62 100

64 31.4 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

80000

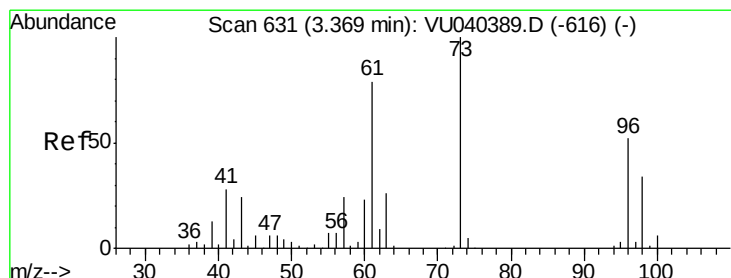
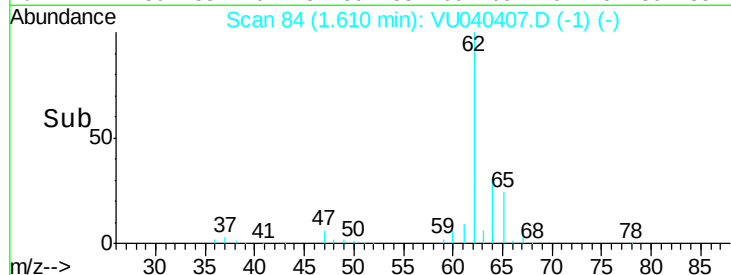
60000

40000

20000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

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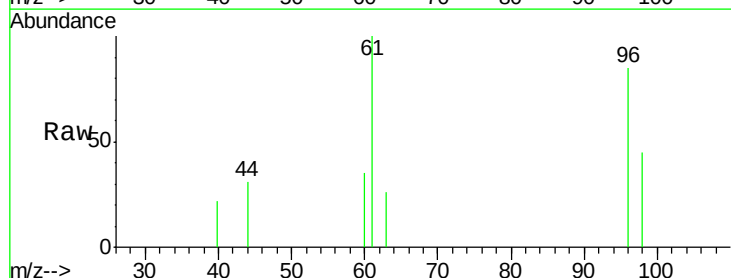
Tgt Ion: 96 Resp: 1037

Ion Ratio Lower Upper

96 100

61 117.9 109.3 203.1

98 52.6 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

1000

800

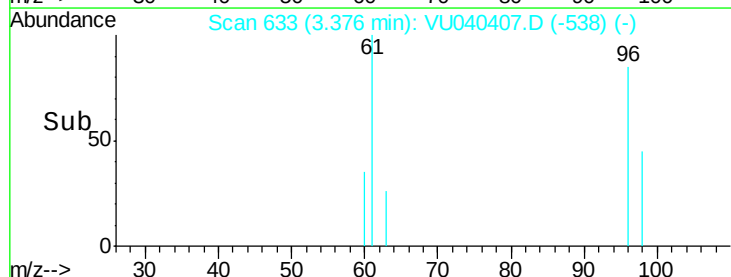
600

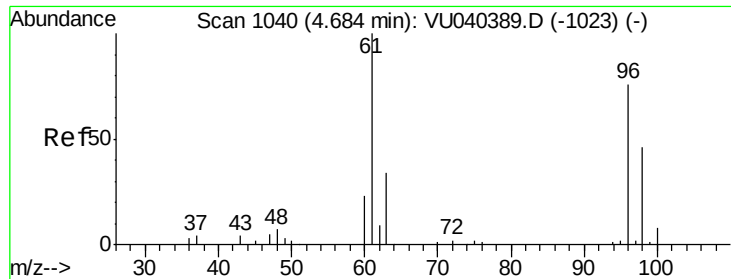
400

200

0

Time-->

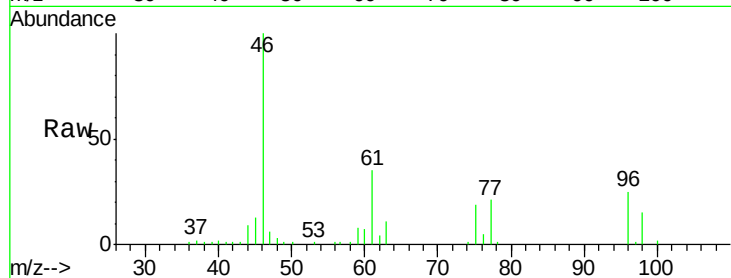




#22
 cis-1,2-Dichloroethene
 Concen: 1.050 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.01 min
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 BG0F1DL

Tot Ion: 96 Resp: 11185
 Ion Ratio Lower Upper
 96 100
 61 139.7 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

