

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041360.D
 Acq On : 20 Nov 2020 12:25
 Operator : SY/MD
 Sample : L4790-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4397DL

Quant Time: Nov 21 03:04:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64248	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16722	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.92	69	16175	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.58	63	28442	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.65	46	84287	44.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	5.08	84	47964	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	30427	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	82564	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	29573	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	68166	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	11645	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	56370	41.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25402	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26367	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

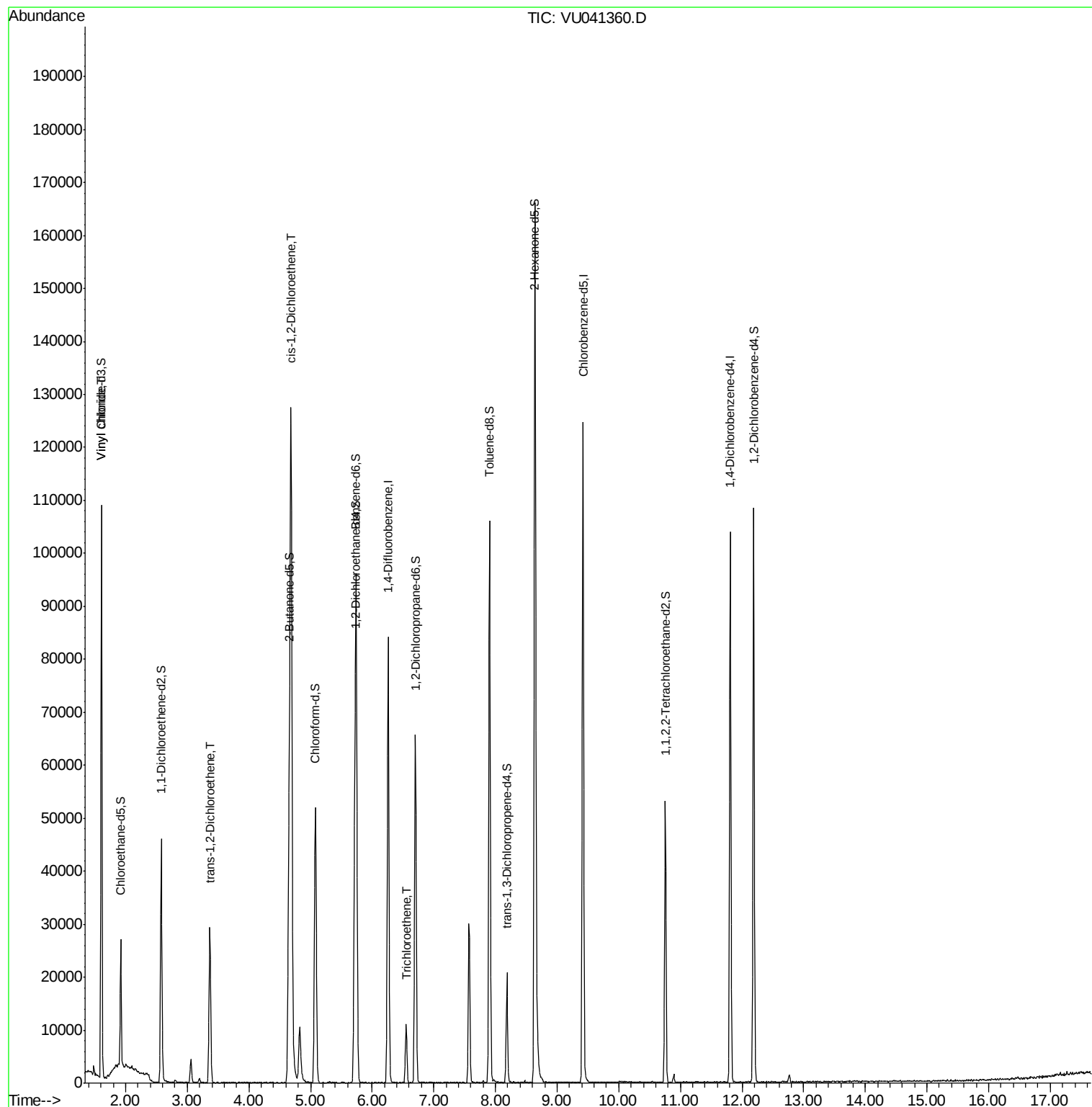
					Ovalue
5) Vinyl chloride	1.61	62	57987	10.597 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	11746	2.939 ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	52241	11.576 ug/L	99
34) Trichloroethene	6.55	95	3849	0.818 ug/L	94

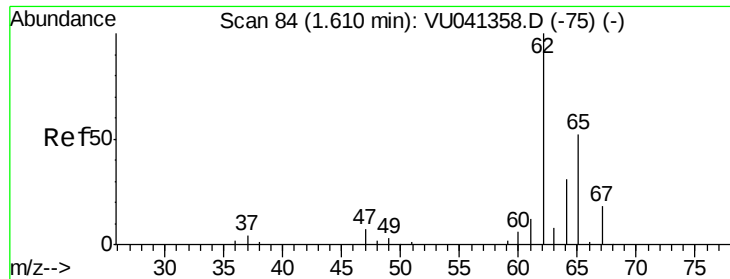
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.597 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU041360.D

Acq: 20 Nov 2020 12:25

Instrument :

MSVOA_U

ClientSampled :

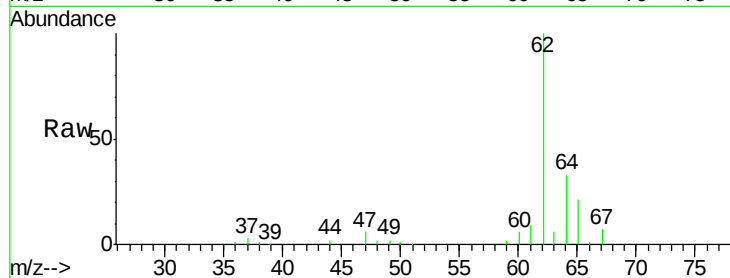
H4397DL

Tot Ion: 62 Resp: 57987

Ion Ratio Lower Upper

62 100

64 33.0 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

60000

50000

40000

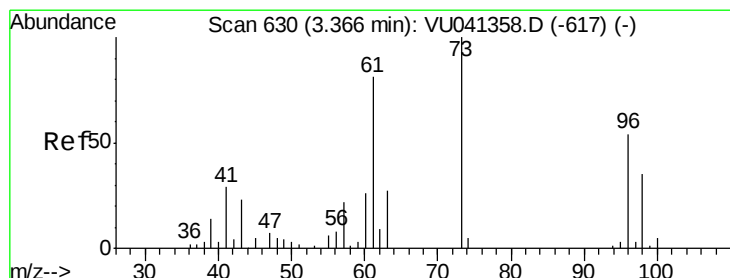
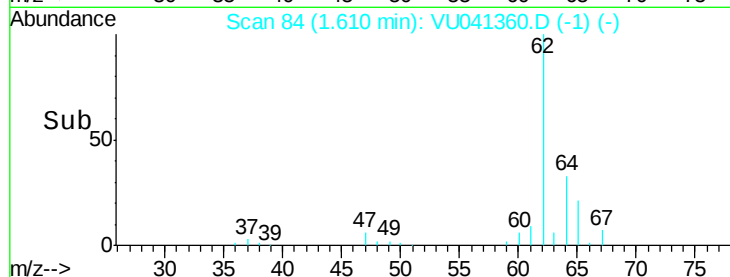
30000

20000

10000

0

Time--> 1.55 1.60 1.65



#18

trans-1,2-Dichloroethene

Concen: 2.939 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

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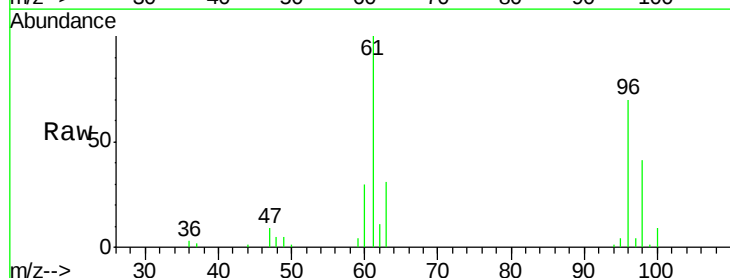
Tgt Ion: 96 Resp: 11746

Ion Ratio Lower Upper

96 100

61 143.4 110.9 205.9

98 59.3 45.4 84.2



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

12000

10000

8000

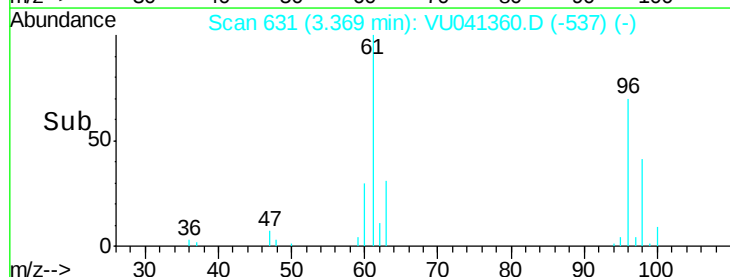
6000

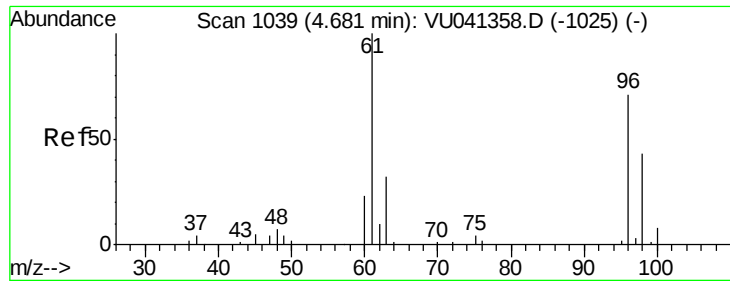
4000

2000

0

Time--> 3.30 3.35 3.40

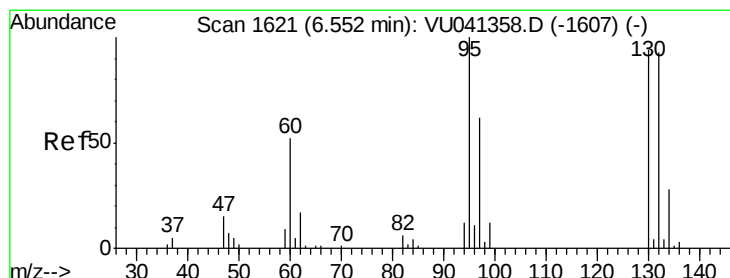
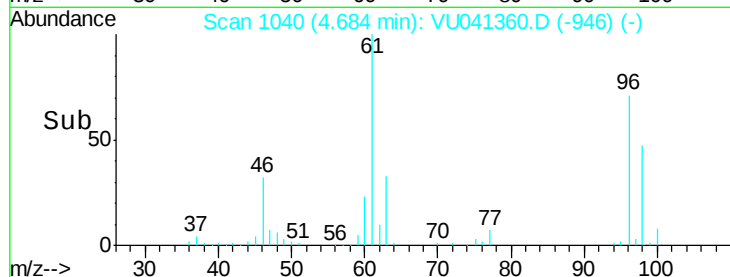
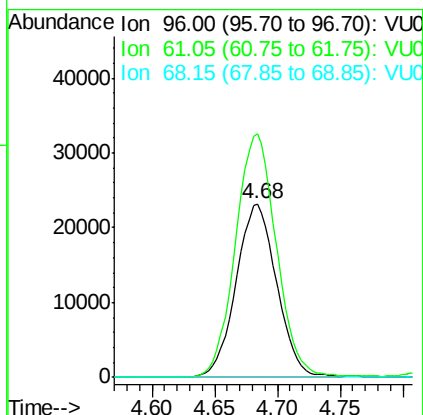
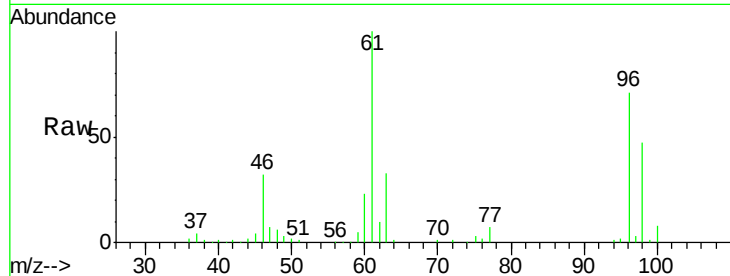




#22
 cis-1,2-Dichloroethene
 Concen: 11.576 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU041360.D
 Acq: 20 Nov 2020 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 H4397DL

Tot Ion: 96 Resp: 52241
 Ion Ratio Lower Upper
 96 100
 61 140.5 97.2 180.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.818 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041360.D
 Acq: 20 Nov 2020 12:25

Tgt Ion: 95 Resp: 3849
 Ion Ratio Lower Upper
 95 100
 97 61.5 45.6 84.6
 132 85.1 64.8 120.4
 130 88.3 64.8 120.4

