

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040805.D
 Acq On : 19 Oct 2020 15:18
 Operator : SY/MD
 Sample : L4354-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ18DL

Quant Time: Oct 20 03:12:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32906	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.92	69	34365	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	53922	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.66	46	177721	55.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	5.08	84	84845	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	51908	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.75	84	142391	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.70	67	52114	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	105732	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	8.19	79	18503	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.64	63	116749	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48704	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46781	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

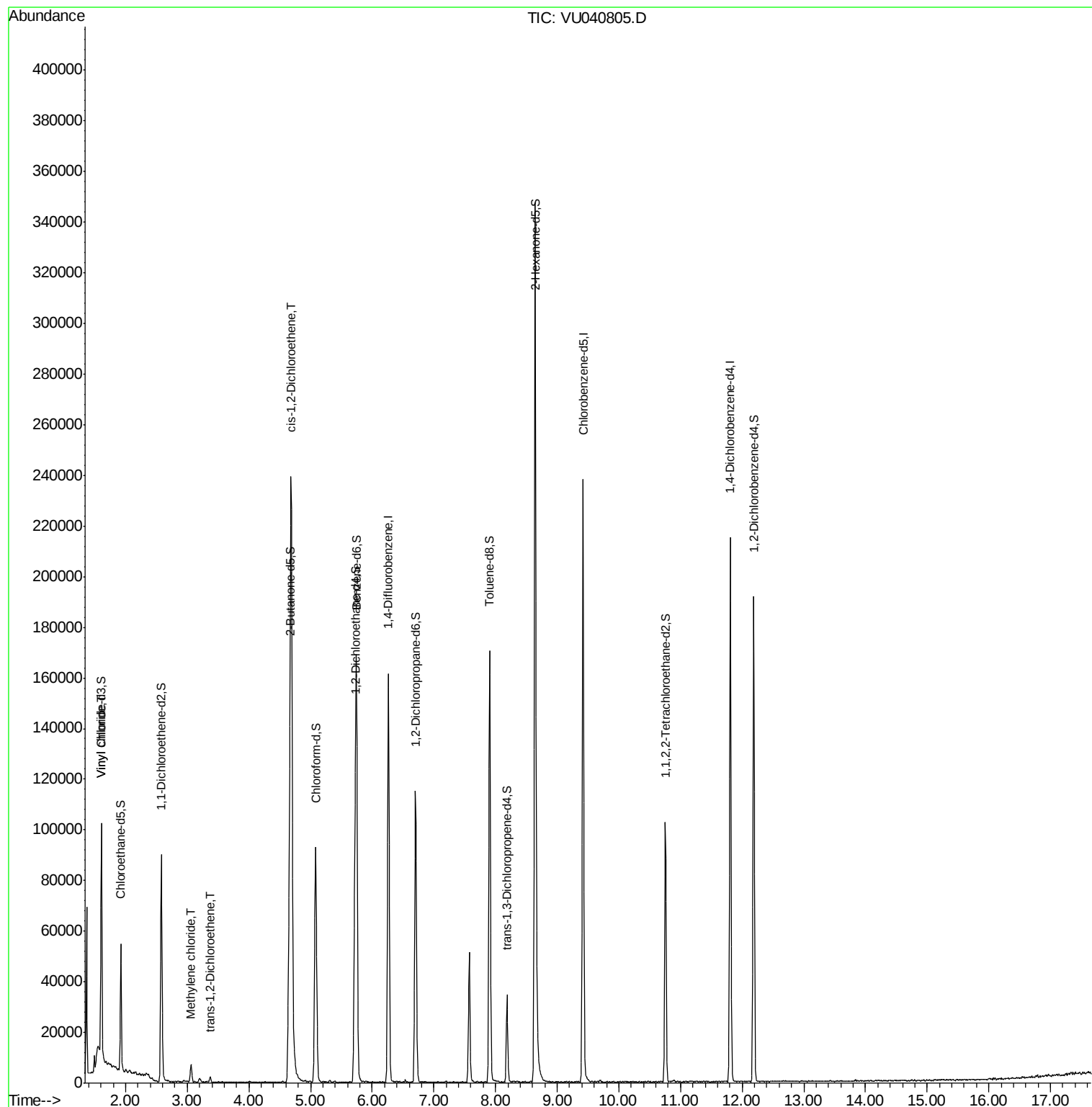
					Ovalue
5) Vinyl chloride	1.61	62	28716	2.668 ug/L #	67
16) Methylene chloride	3.06	84	2940	0.266 ug/L	92
18) trans-1,2-Dichloroethene	3.38	96	665	0.074 ug/L #	84
22) cis-1,2-Dichloroethene	4.69	96	95934	9.874 ug/L	98

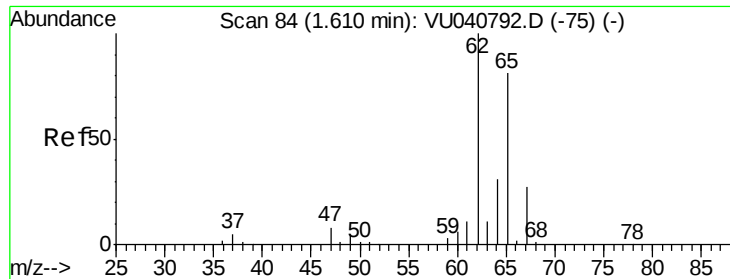
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.668 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040805.D

Acq: 19 Oct 2020 15:18

Instrument :

MSVOA_U

ClientSampled :

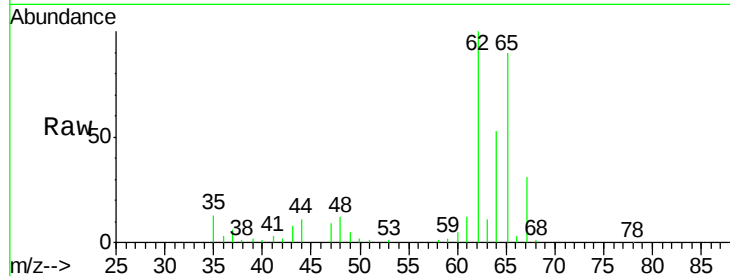
ETZ18DL

Tot Ion: 62 Resp: 28716

Ion Ratio Lower Upper

62 100

64 53.0 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

25000

20000

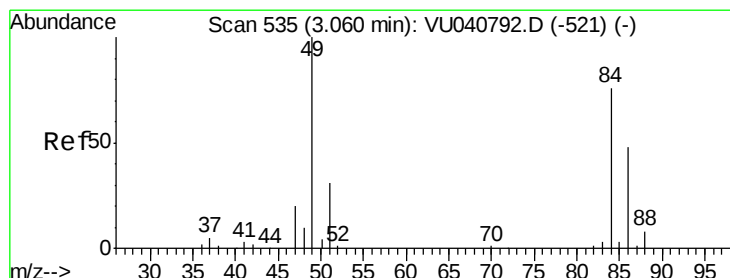
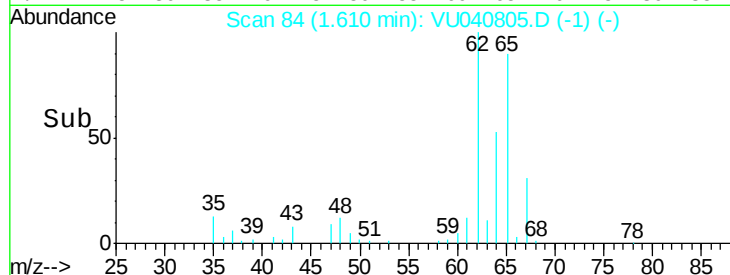
15000

10000

5000

0

Time--> 1.55 1.60 1.65



#16

Methylene chloride

Concen: 0.266 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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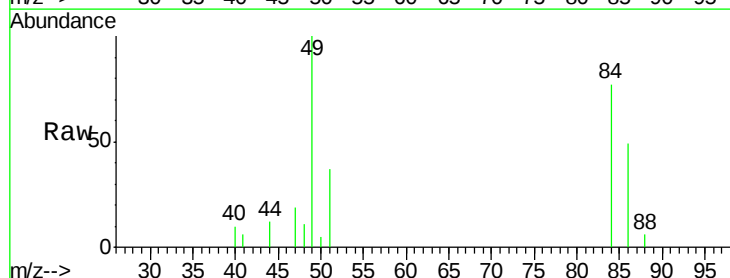
Tgt Ion: 84 Resp: 2940

Ion Ratio Lower Upper

84 100

86 63.2 45.4 84.4

49 129.4 99.8 185.3



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

3000

2500

2000

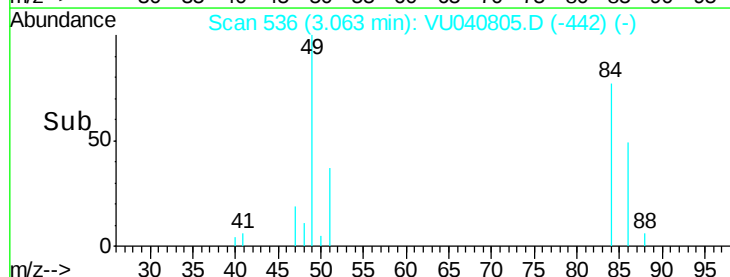
1500

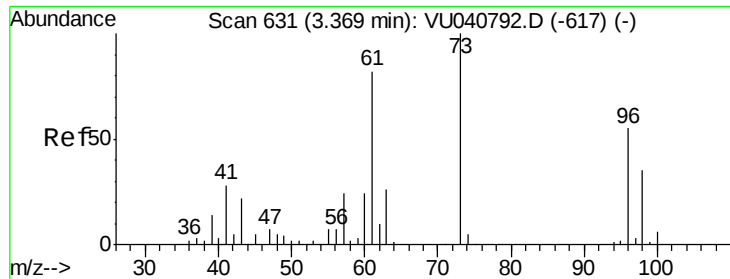
1000

500

0

Time--> 3.00 3.05 3.10

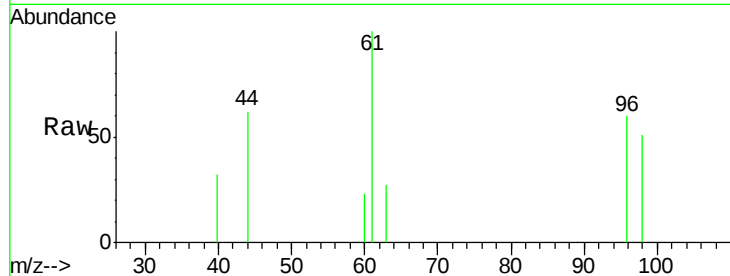




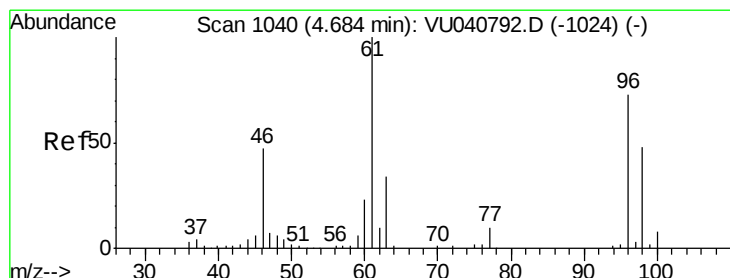
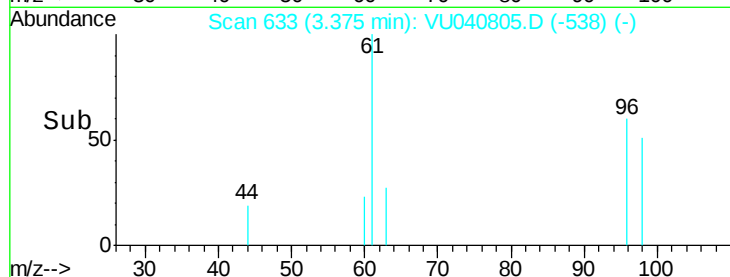
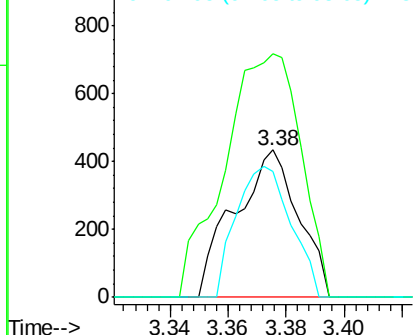
#18
trans-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
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MSVOA_U
ClientSampleId :
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Tot Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 165.4 105.9 196.7
98 85.0 43.8 81.3#

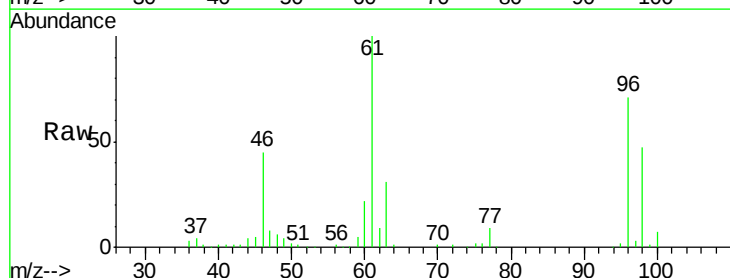


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



#22
cis-1,2-Dichloroethene
Concen: 9.874 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040805.D
Acq: 19 Oct 2020 15:18

Tgt Ion: 96 Resp: 95934
Ion Ratio Lower Upper
96 100
61 140.7 99.8 185.4
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

