

Data File : VU039864.D
Acq On : 14 Aug 2020 17:20
Operator : SY/MD
Sample : L3517-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M02

Quant Time: Aug 17 05:38:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	82505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18954	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	20271	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.58	63	28557	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	84808	43.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.56%
24) Chloroform-d	5.08	84	44822	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.72	65	25988	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.74	84	81306	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	28288	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.91	98	66852	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	10075	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	58820	44.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26298	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31811	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

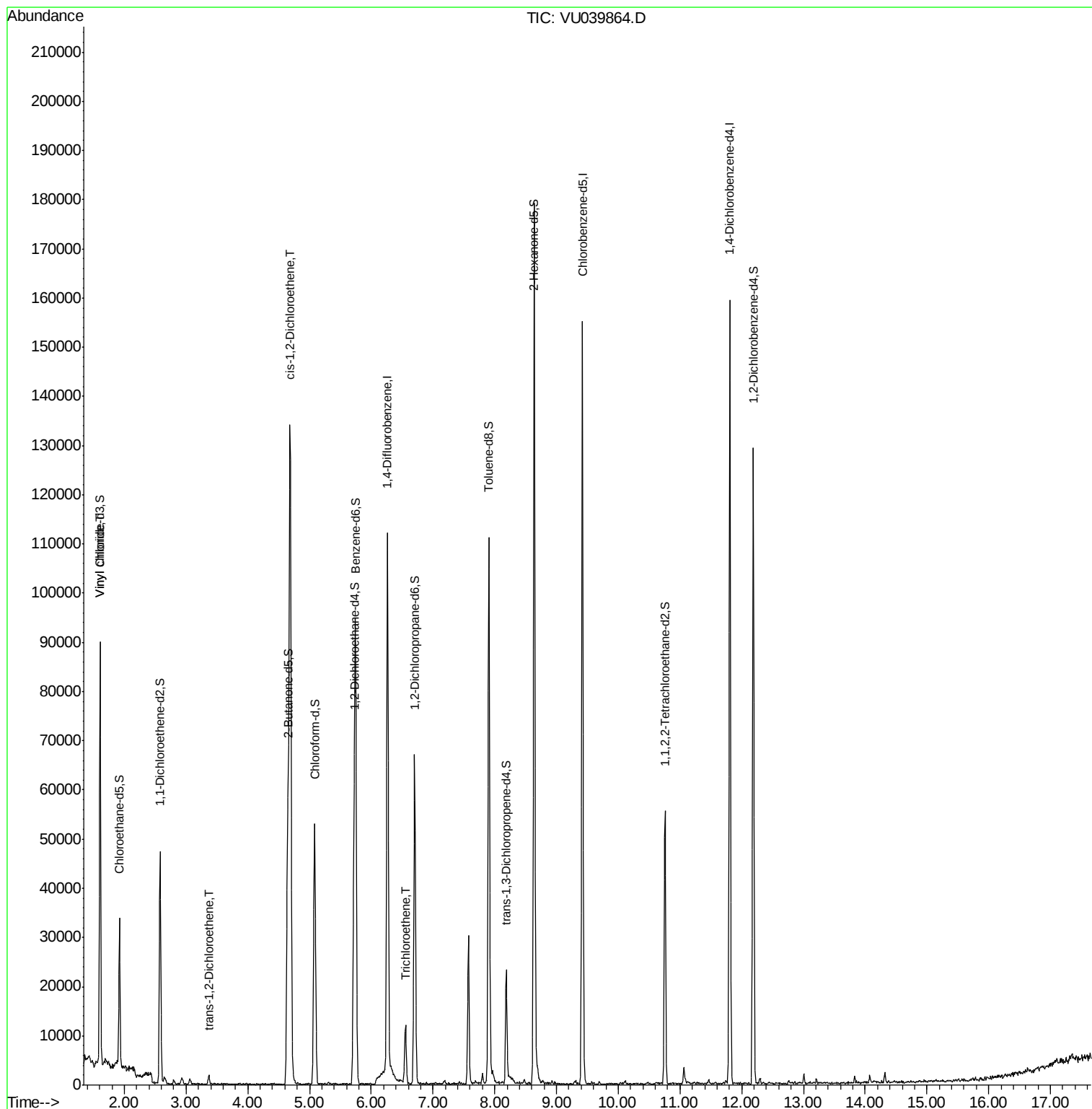
					Qvalue
5) Vinyl chloride	1.61	62	38354	5.717 ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	869	0.159 ug/L #	72
22) cis-1,2-Dichloroethene	4.69	96	62260	10.447 ug/L	97
34) Trichloroethene	6.56	95	3563	0.639 ug/L	93

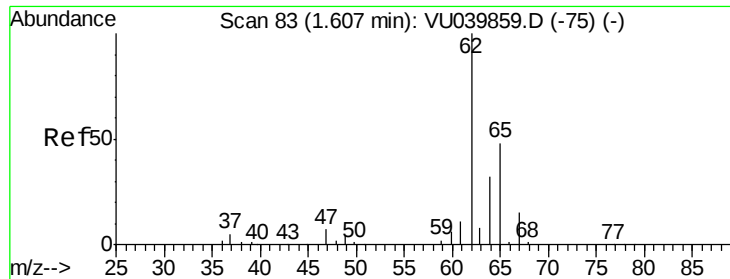
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.717 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

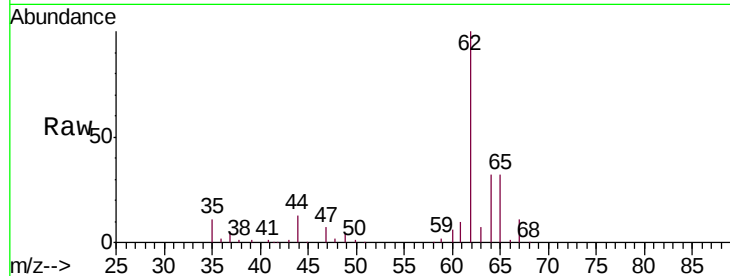
F4M02

Tgt Ion: 62 Resp: 38354

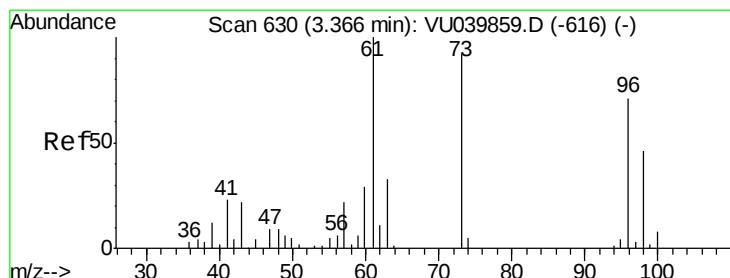
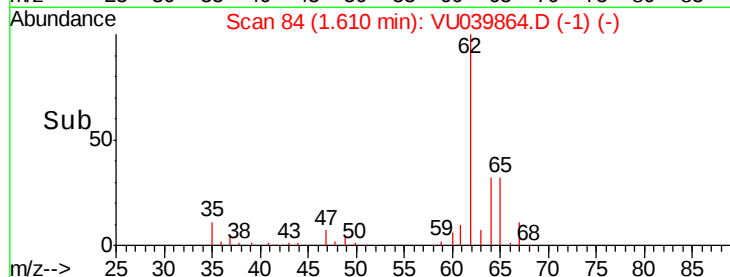
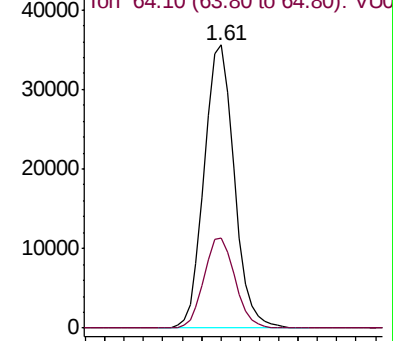
Ion Ratio Lower Upper

62 100

64 32.0 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039864.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.159 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

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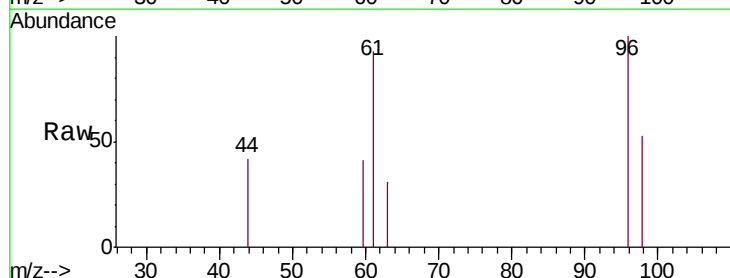
Tgt Ion: 96 Resp: 869

Ion Ratio Lower Upper

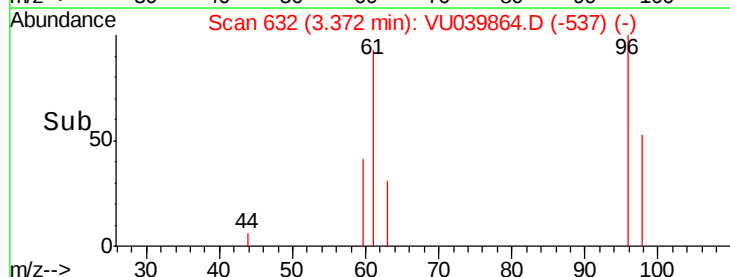
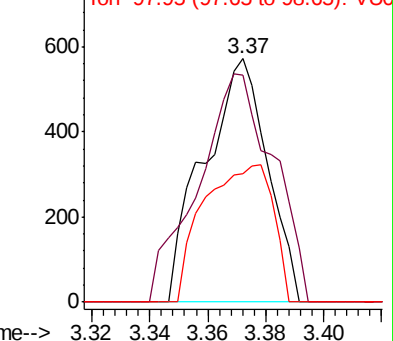
96 100

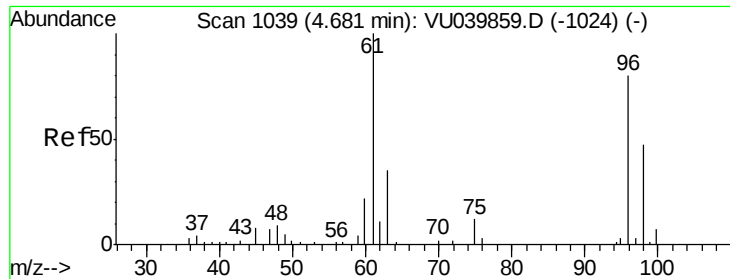
61 93.0 96.5 179.1#

98 52.6 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039864.D (-537) (-)

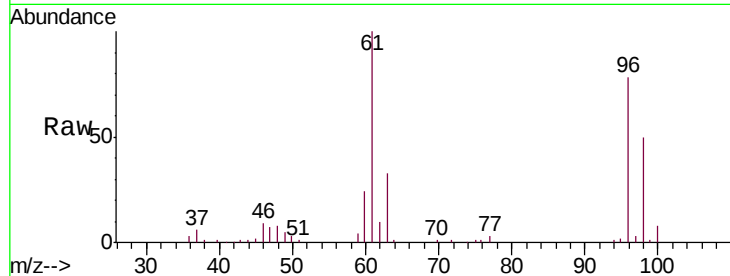




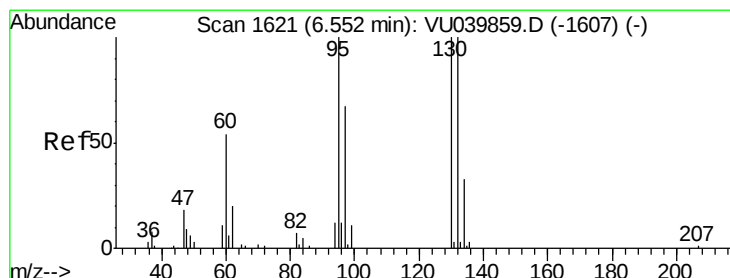
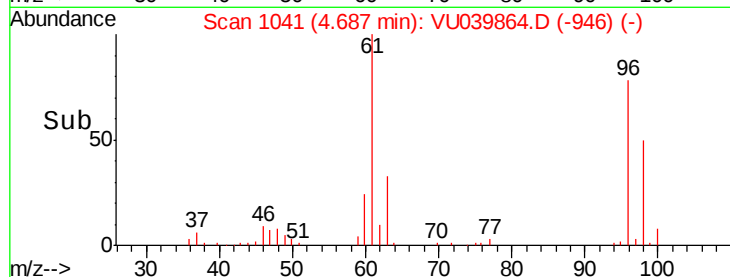
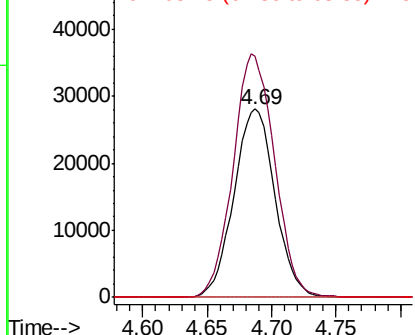
#22
 cis-1,2-Dichloroethene
 Concen: 10.447 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.01 min
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Tgt Ion: 96 Resp: 62260
 Ion Ratio Lower Upper
 96 100
 61 127.9 87.4 162.2
 68 0.0 0.0 0.0



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



#34
 Trichloroethene
 Concen: 0.639 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
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Tgt Ion: 95 Resp: 3563
 Ion Ratio Lower Upper
 95 100
 97 68.9 44.0 81.8
 132 92.3 71.7 133.3
 130 97.1 71.1 132.1

Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

