

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
 Data File : VU039769.D
 Acq On : 06 Aug 2020 20:38
 Operator : SY/MD
 Sample : L3590-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L92

Quant Time: Aug 07 05:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79718	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21324	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.92	69	22428	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	31031	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.65	46	89710	47.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.76%
24) Chloroform-d	5.08	84	51322	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	30650	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	91283	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	32241	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	73954	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	10543	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	65256	51.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28013	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33100	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

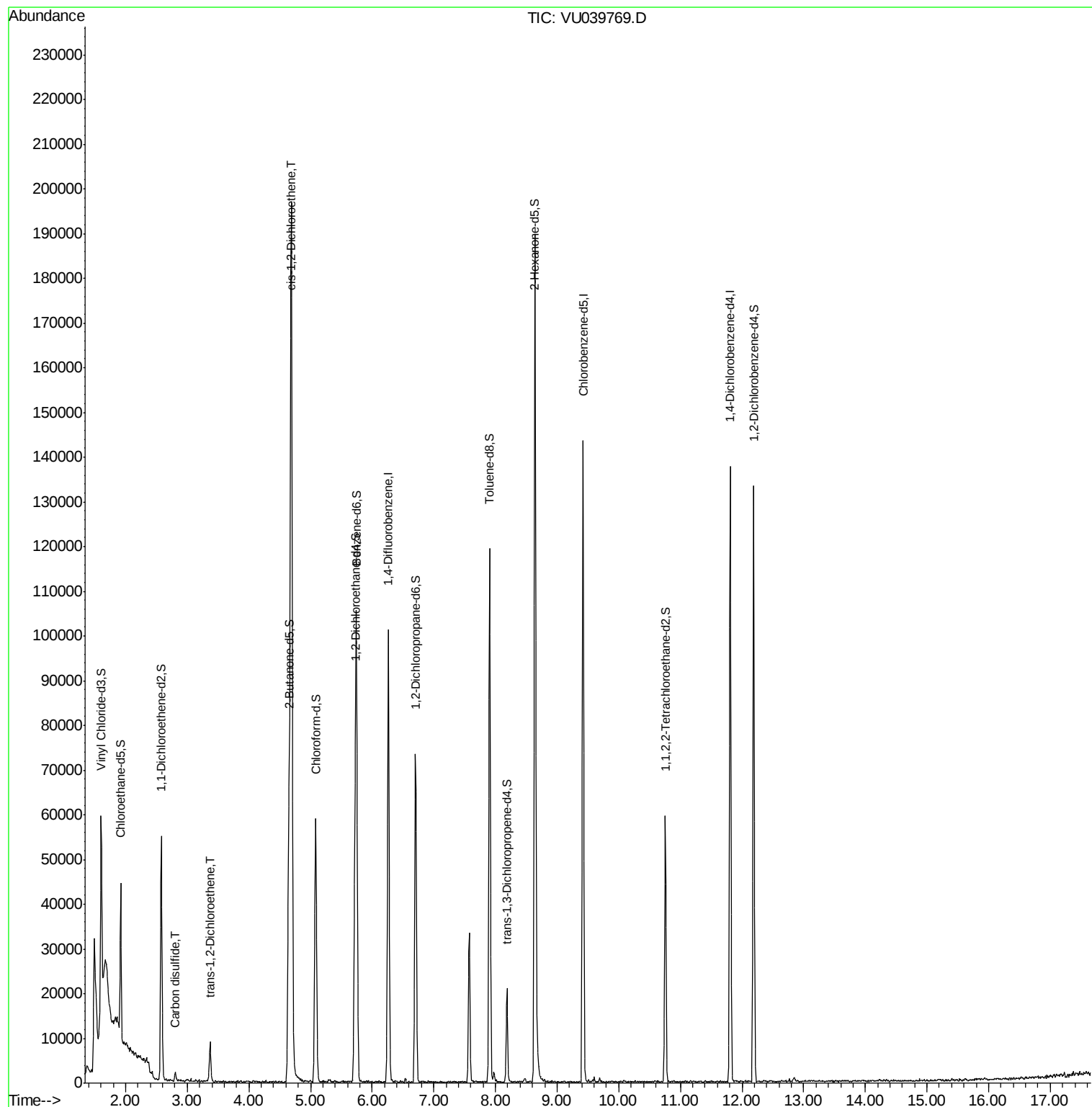
Target Compounds					Qvalue
14) Carbon disulfide	2.81	76	2354	0.158 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	3102	0.586 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	94812	16.465 ug/L	97

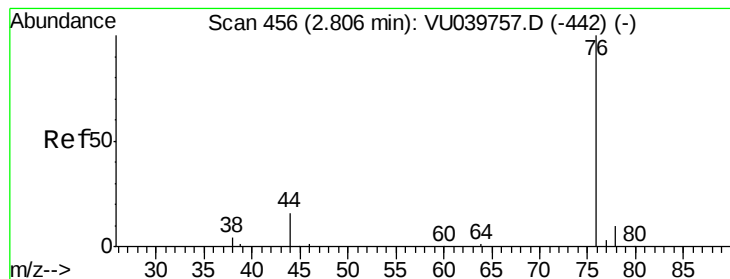
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.158 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

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Acq: 06 Aug 2020 20:38

Instrument :

MSVOA_U

ClientSampled :

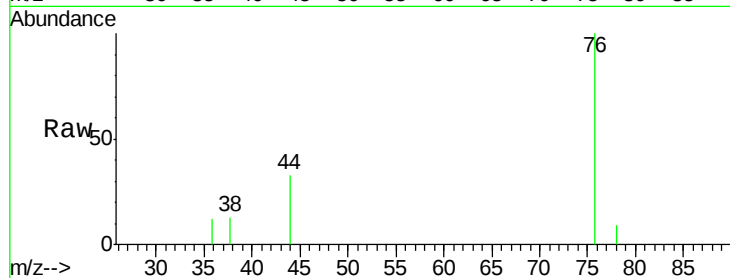
F2L92

Tgt Ion: 76 Resp: 2354

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039757.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039757.D (-442) (-)

2.81

1500

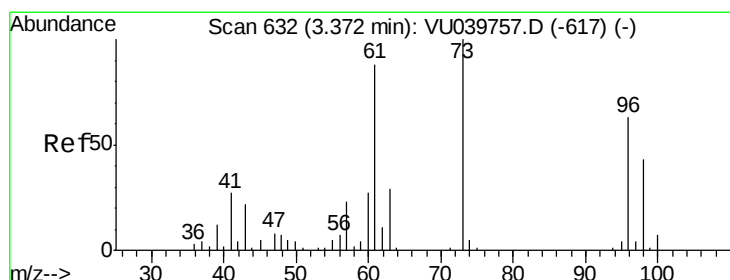
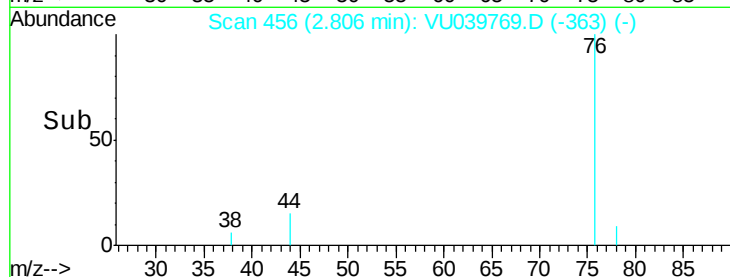
1000

500

0

2.75 2.80 2.85

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.586 ug/L

RT: 3.37 min Scan# 632

Delta R.T. -0.00 min

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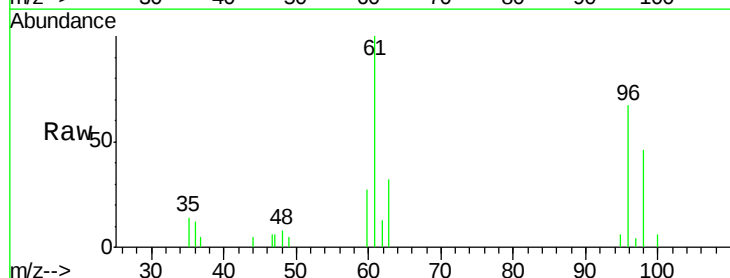
Tgt Ion: 96 Resp: 3102

Ion Ratio Lower Upper

96 100

61 148.3 96.5 179.1

98 67.5 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039757.D (-617) (-)

Ion 61.05 (60.75 to 61.75): VU039757.D (-617) (-)

Ion 97.95 (97.65 to 98.65): VU039757.D (-617) (-)

3.37

3000

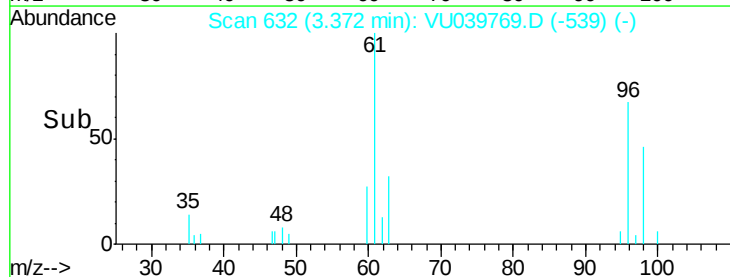
2000

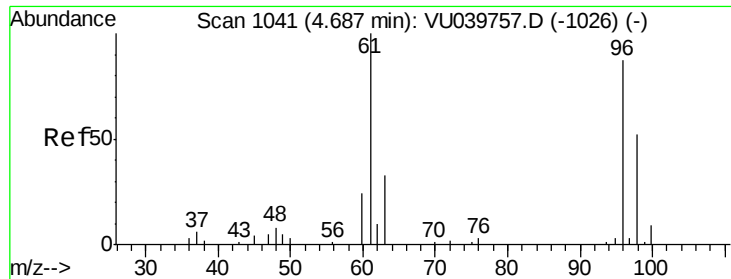
1000

0

3.30 3.35 3.40

Time-->





#22
 cis-1,2-Dichloroethene
 Concen: 16.465 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. -0.00 min
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Tgt Ion: 96 Resp: 94812
 Ion Ratio Lower Upper
 96 100
 61 127.8 87.4 162.2
 68 0.0 0.0 0.0

