

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
 Data File : VU039770.D
 Acq On : 06 Aug 2020 21:02
 Operator : SY/MD
 Sample : L3590-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2M22

Quant Time: Aug 07 05:28:14 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	83697	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21840	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.92	69	22156	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.58	63	31392	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	95583	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	5.08	84	50914	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.72	65	30880	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	95601	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.70	67	32053	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	75575	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	11256	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	66247	50.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29204	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33222	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

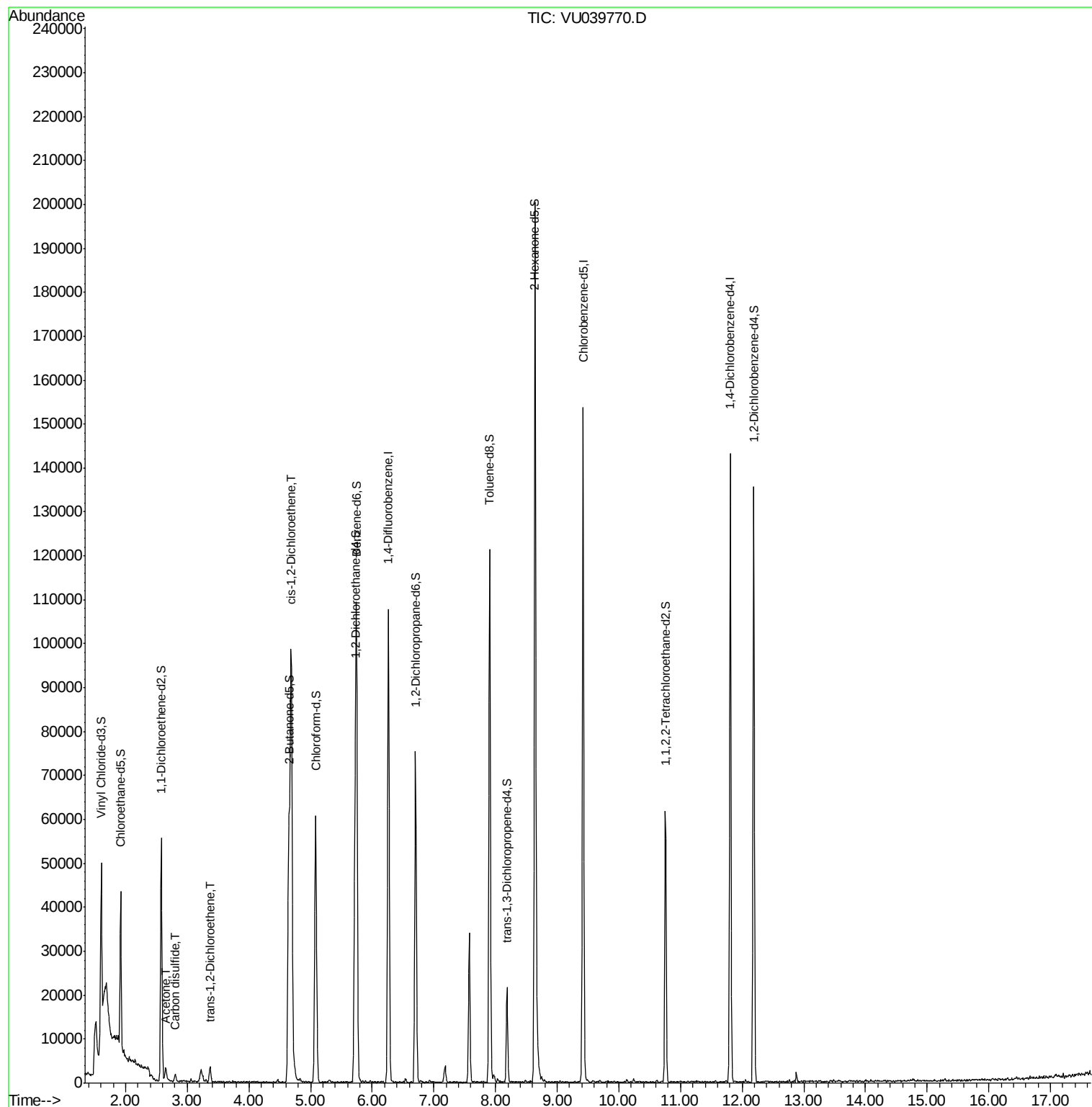
					Qvalue
13) Acetone	2.65	43	4464	3.809 ug/L	68
14) Carbon disulfide	2.80	76	2113	0.135 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	1871	0.337 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	45298	7.493 ug/L	94

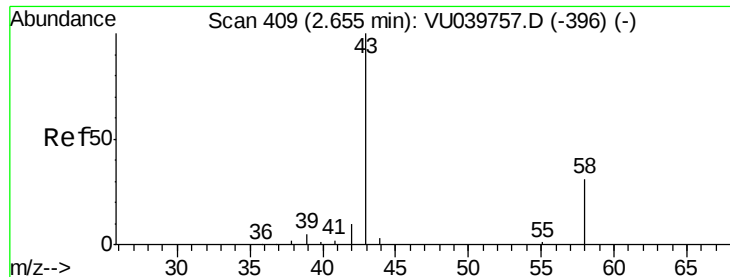
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.809 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

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Acq: 06 Aug 2020 21:02

Instrument :

MSVOA_U

ClientSampled :

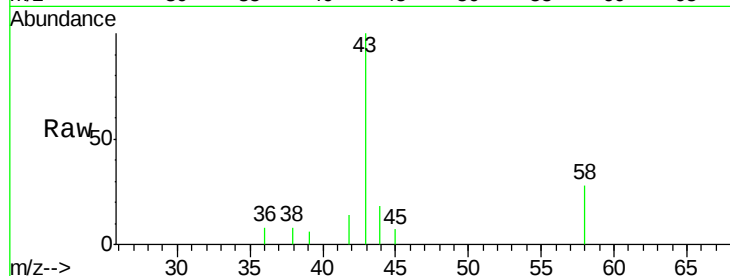
F2M22

Tgt Ion: 43 Resp: 4464

Ion Ratio Lower Upper

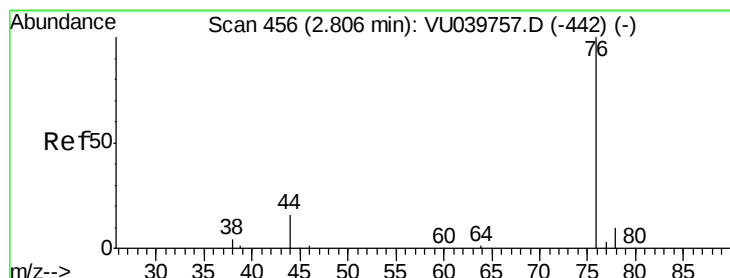
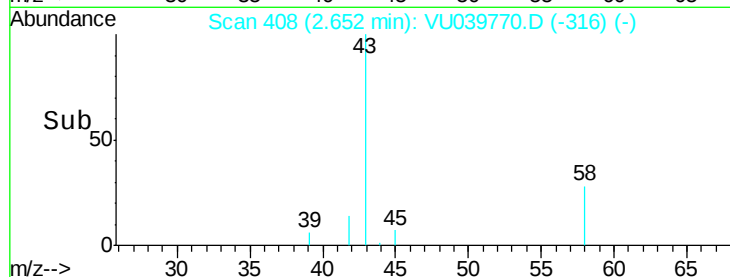
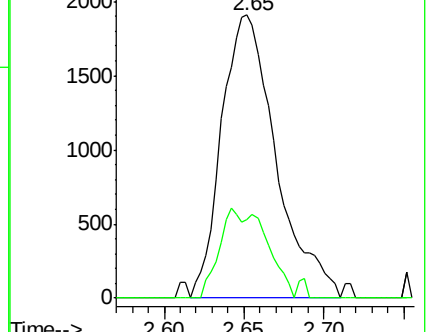
43 100

58 13.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039770.D (-316) (-)

Ion 58.05 (57.75 to 58.75): VU039770.D (-316) (-)



#14

Carbon disulfide

Concen: 0.135 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039770.D

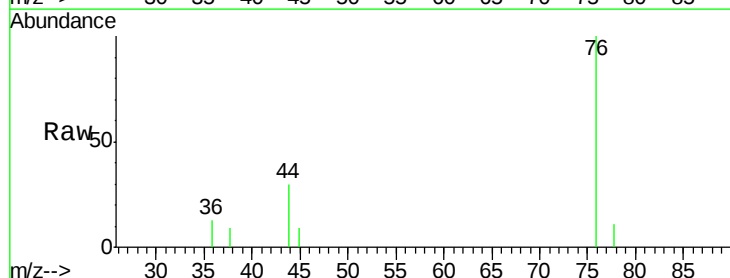
Acq: 06 Aug 2020 21:02

Tgt Ion: 76 Resp: 2113

Ion Ratio Lower Upper

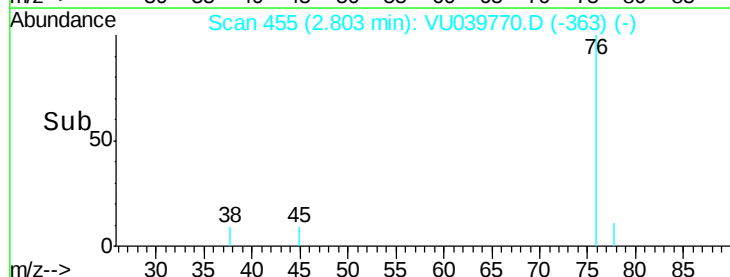
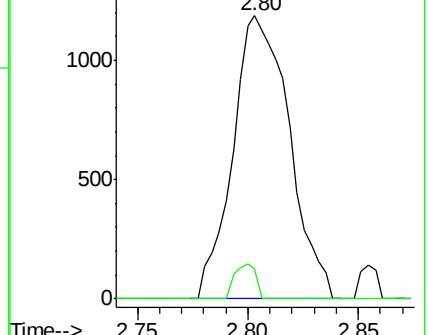
76 100

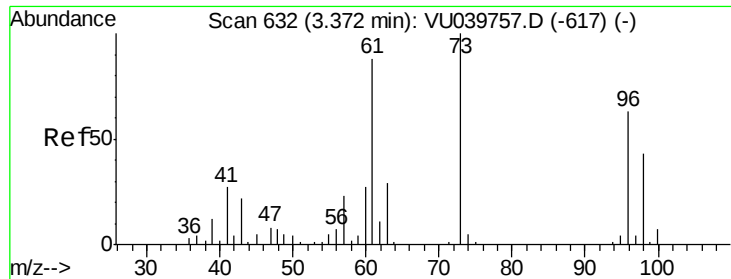
78 10.6 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039770.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU039770.D (-363) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.337 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU039770.D

Acq: 06 Aug 2020 21:02

Instrument :

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ClientSampleId :

F2M22

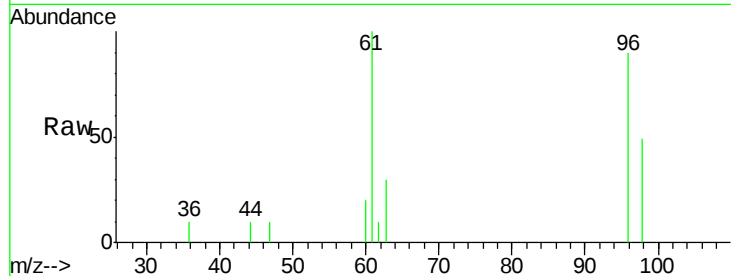
Tgt Ion: 96 Resp: 1871

Ion Ratio Lower Upper

96 100

61 122.6 96.5 179.1

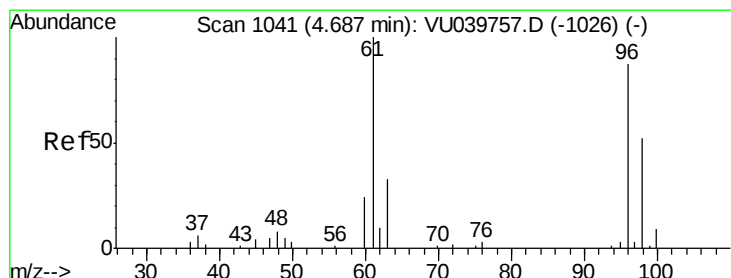
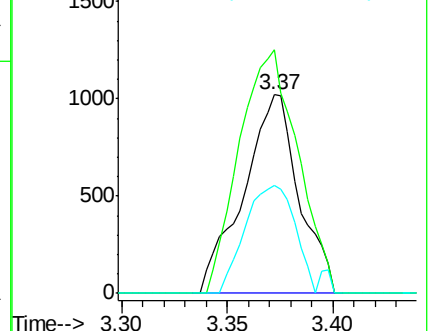
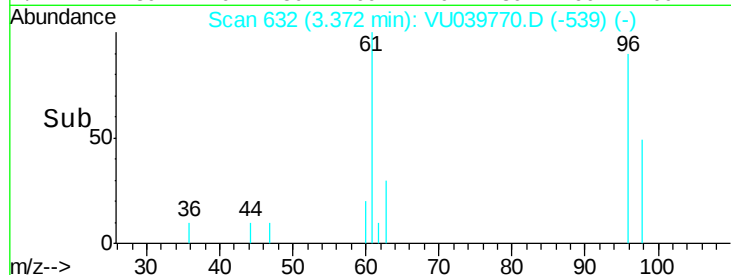
98 54.7 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039770.D (-539) (-)

Ion 61.05 (60.75 to 61.75): VU039770.D (-539) (-)

Ion 97.95 (97.65 to 98.65): VU039770.D (-539) (-)



#22

cis-1,2-Dichloroethene

Concen: 7.493 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039770.D

Acq: 06 Aug 2020 21:02

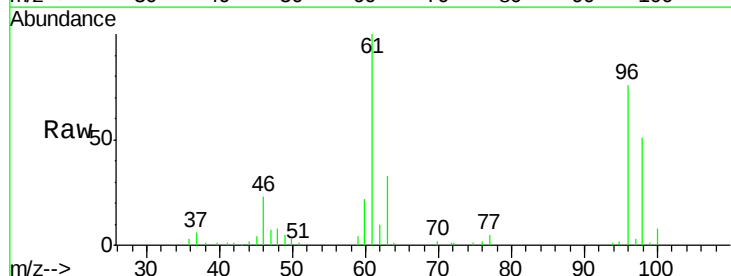
Tgt Ion: 96 Resp: 45298

Ion Ratio Lower Upper

96 100

61 131.8 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039770.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039770.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039770.D (-948) (-)

