

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039812.D
 Acq On : 08 Aug 2020 15:41
 Operator : SY/MD
 Sample : L3591-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0A8

Quant Time: Aug 10 02:46:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23173	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.92	69	21078	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	36083	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.66	46	76081	41.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.24%
24) Chloroform-d	5.08	84	47373	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	28272	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.75	84	92464	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	29264	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	77046	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.19	79	9940	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	54751	43.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24100	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32109	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

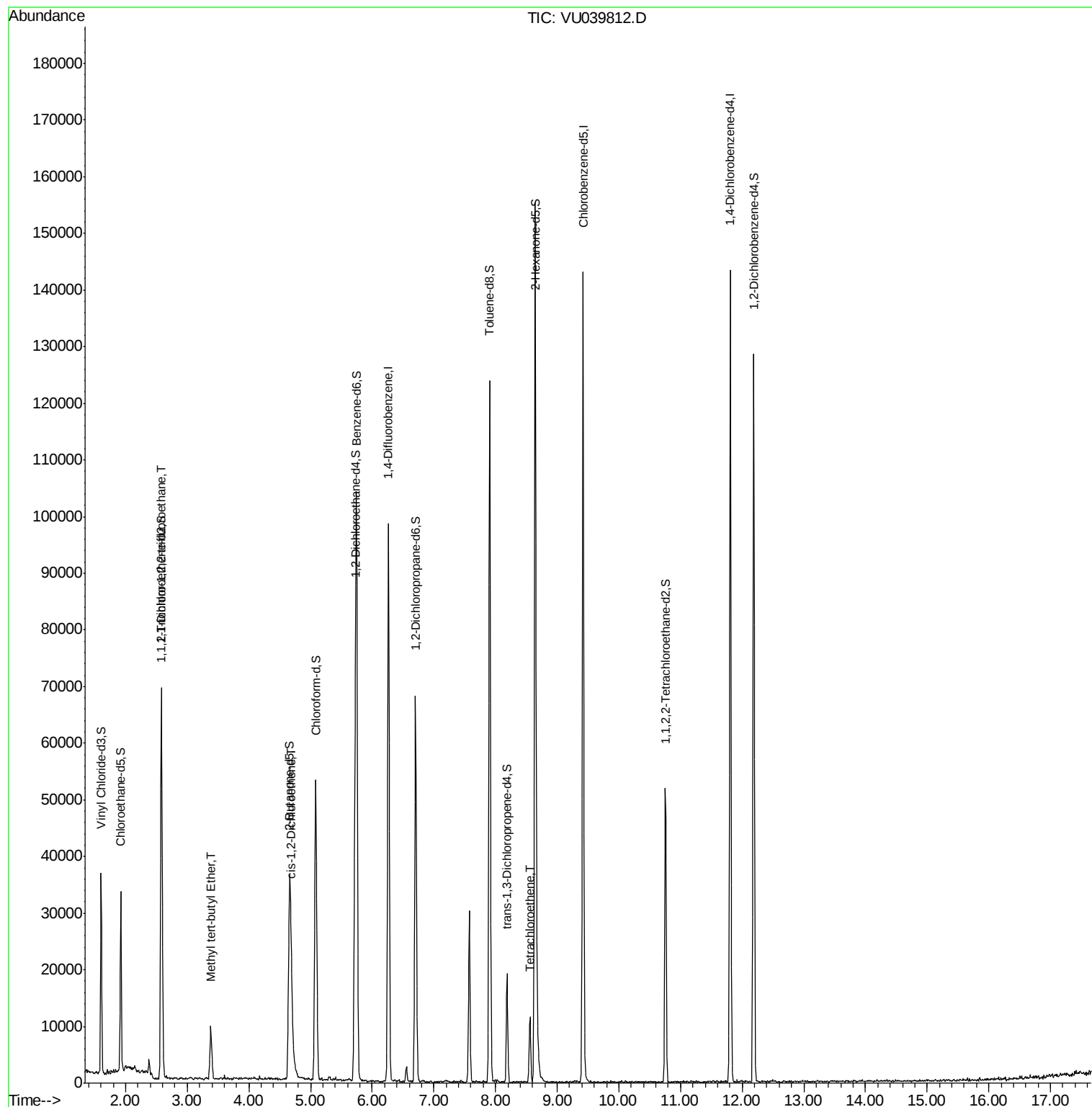
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5355	1.014 ug/L	96
17) Methyl tert-butyl Ether	3.39	73	9340	0.766 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	1744	0.314 ug/L	92
47) Tetrachloroethene	8.56	164	2150	0.495 ug/L	88

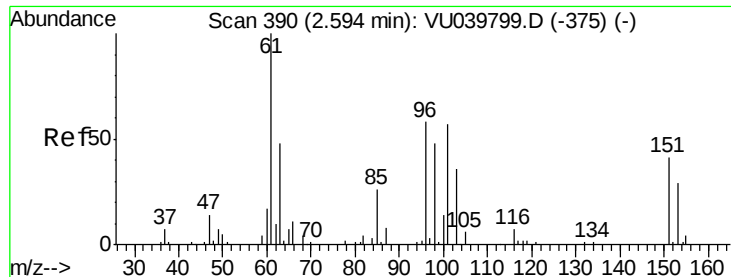
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.014 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039812.D

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ClientSampleId :

BG0A8

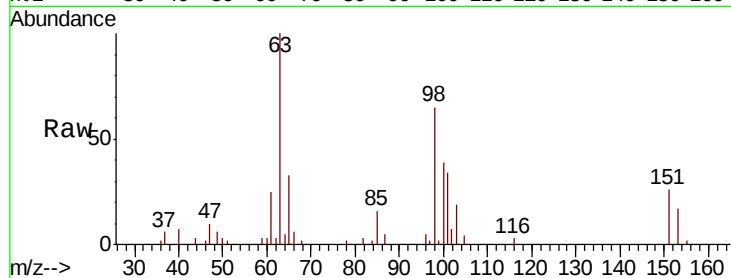
Tot Ion:101 Resp: 5355

Ion Ratio Lower Upper

101 100

85 45.8 37.9 56.9

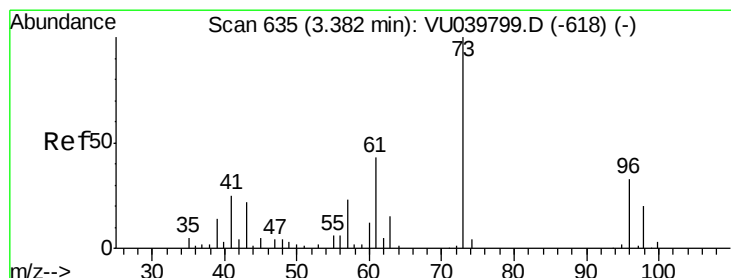
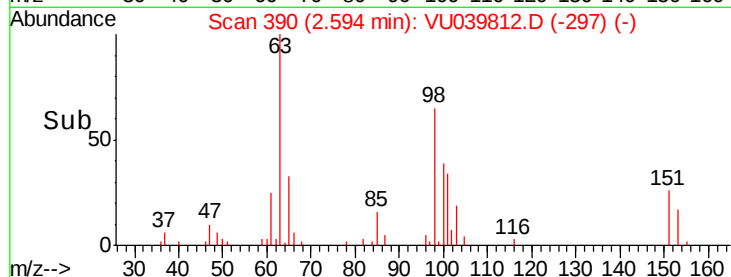
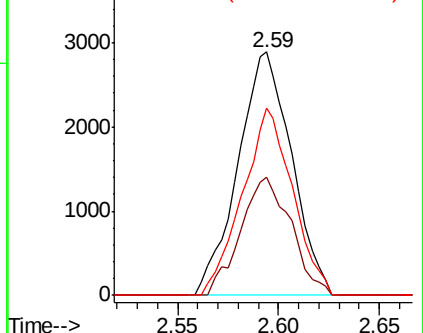
151 72.0 54.7 82.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#17

Methyl tert-butyl Ether

Concen: 0.766 ug/L

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU039812.D

Acq: 08 Aug 2020 15:41

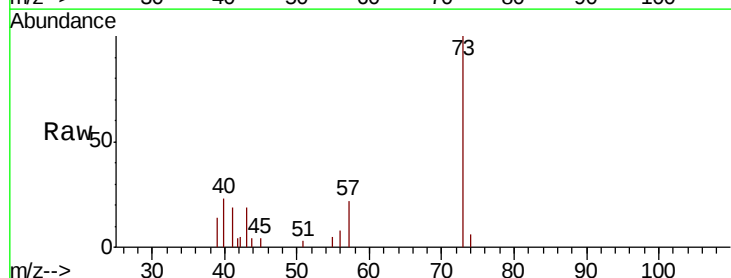
Tgt Ion: 73 Resp: 9340

Ion Ratio Lower Upper

73 100

43 19.9 18.2 27.4

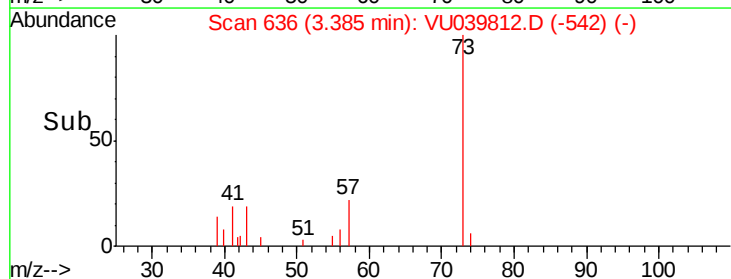
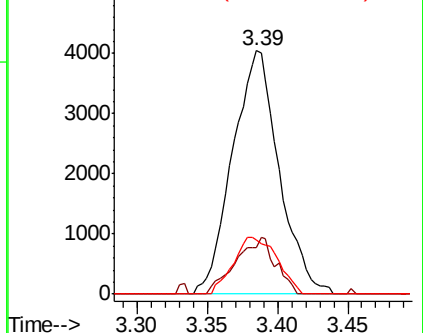
57 21.8 17.8 26.8

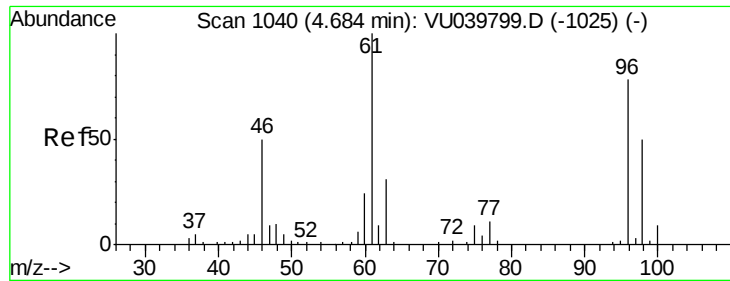


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

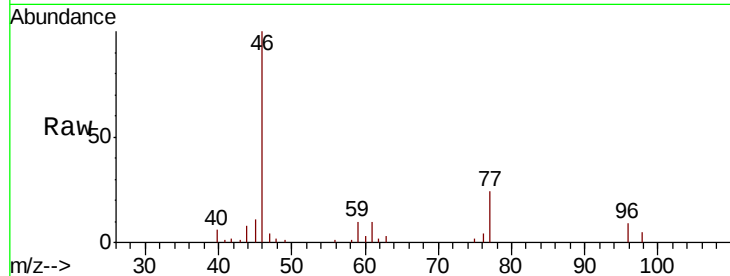




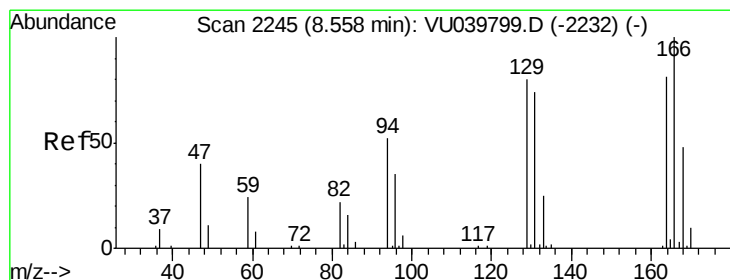
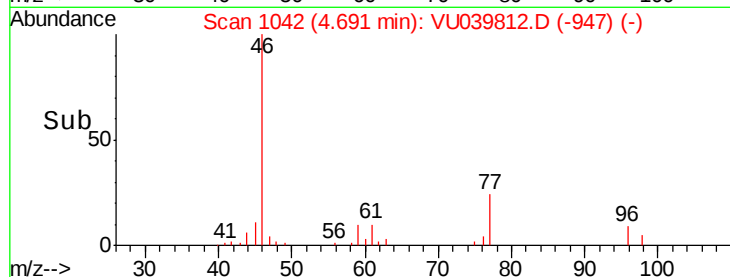
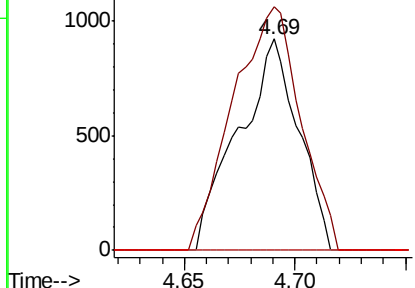
#22
 cis-1,2-Dichloroethene
 Concen: 0.314 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VU039812.D
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 MSVOA_U
 ClientSampled :
 BG0A8

Tot Ion: 96 Resp: 1744
 Ion Ratio Lower Upper
 96 100
 61 115.4 87.4 162.2
 68 0.0 0.0 0.0

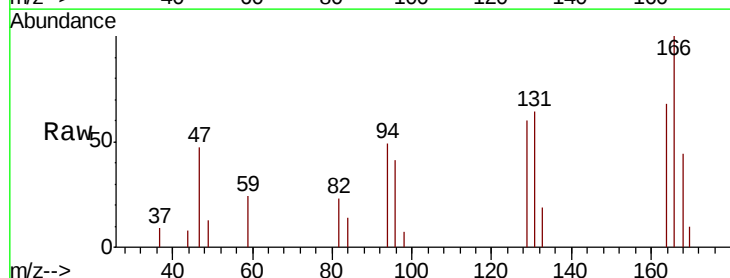


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#47
 Tetrachloroethene
 Concen: 0.495 ug/L
 RT: 8.56 min Scan# 2246
 Delta R.T. 0.00 min
 Lab File: VU039812.D
 Acq: 08 Aug 2020 15:41

Tgt Ion: 164 Resp: 2150
 Ion Ratio Lower Upper
 164 100
 129 87.7 65.9 122.5
 131 93.8 68.1 126.5
 166 147.0 84.5 156.9



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

