

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039817.D
 Acq On : 08 Aug 2020 17:41
 Operator : SY/MD
 Sample : L3591-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0C8

Quant Time: Aug 10 03:06:35 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	75520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21883	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.92	69	19930	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	53893	6.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	131.20%#
20) 2-Butanone-d5	4.66	46	73607	41.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.08%
24) Chloroform-d	5.08	84	43170	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.72	65	26232	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.74	84	87547	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.70	67	28269	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	74166	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.19	79	9299	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.64	63	52506	41.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	22642	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31219	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

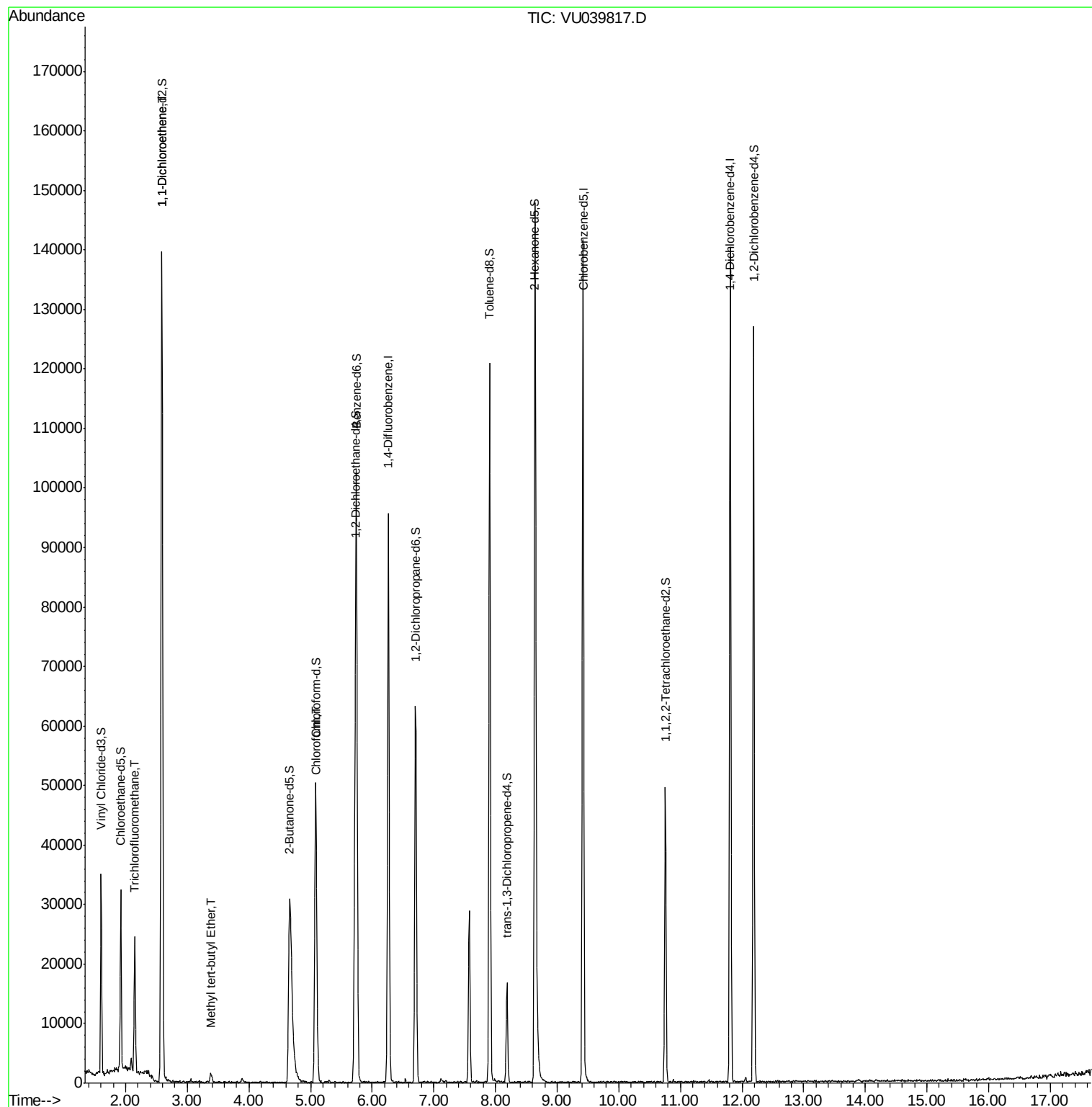
					Ovalue
9) Trichlorofluoromethane	2.15	101	13526	1.416 ug/L	100
12) 1,1-Dichloroethene	2.59	96	35355	7.848 ug/L	91
17) Methyl tert-butyl Ether	3.38	73	1884	0.157 ug/L #	83
25) Chloroform	5.10	83	4144	0.416 ug/L	92

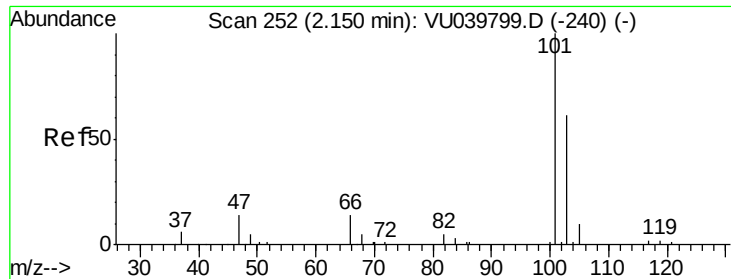
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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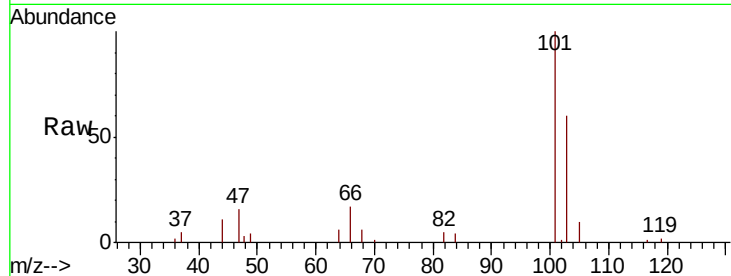


#9

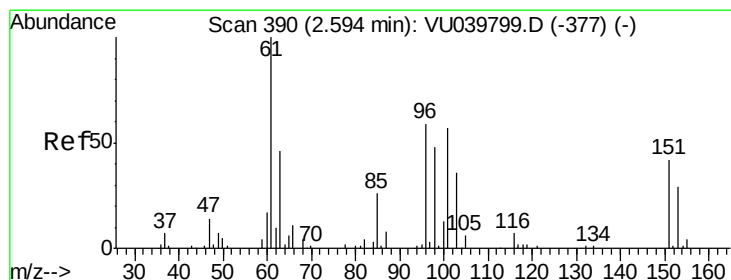
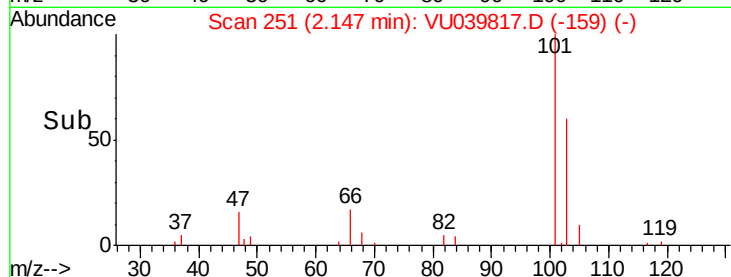
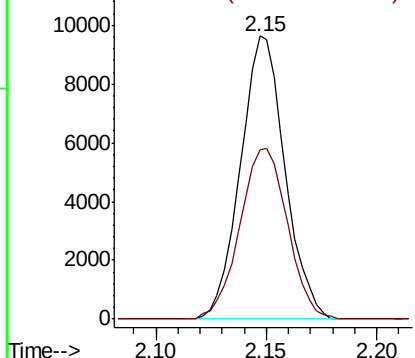
Trichlorofluoromethane
Concen: 1.416 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039817.D
Acq: 08 Aug 2020 17:41

Instrument :
MSVOA_U
ClientSampleId :
BG0C8

Tot Ion:101 Resp: 13526
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2



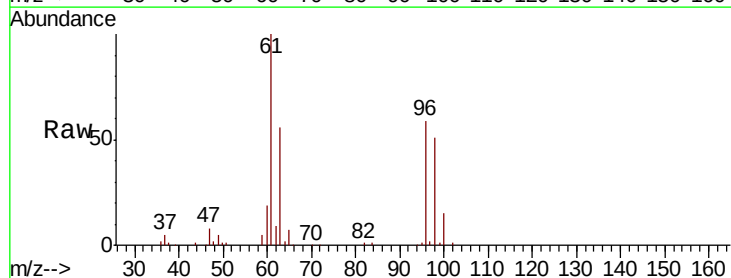
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



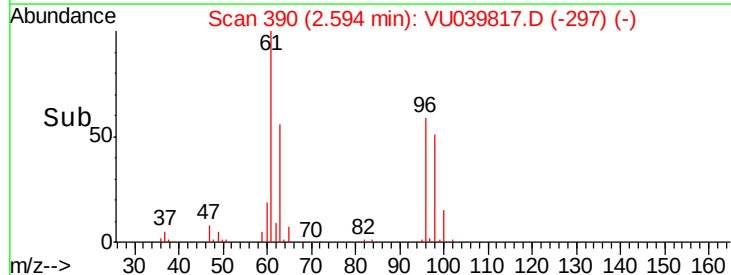
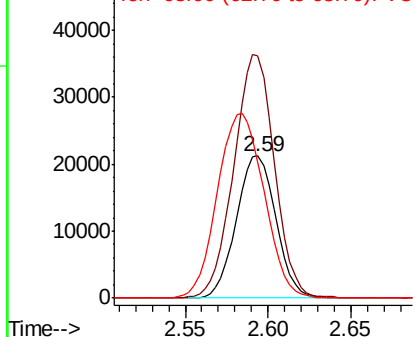
#12

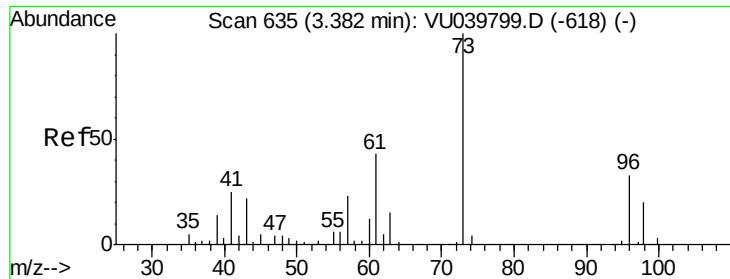
1,1-Dichloroethene
Concen: 7.848 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039817.D
Acq: 08 Aug 2020 17:41

Tgt Ion: 96 Resp: 35355
Ion Ratio Lower Upper
96 100
61 170.4 121.7 225.9
63 95.6 82.1 152.5



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0

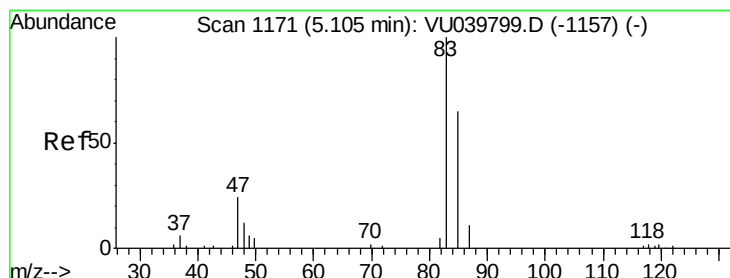
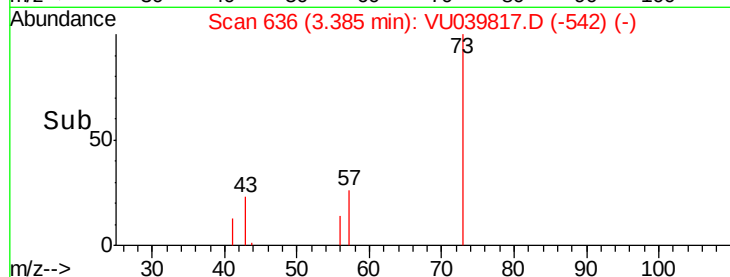
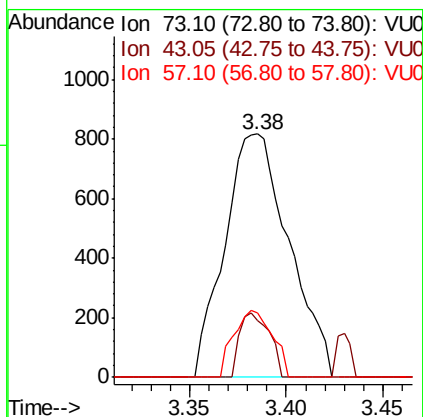
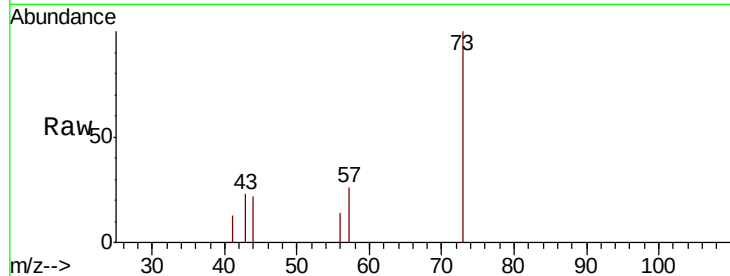




#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039817.D
Acq: 08 Aug 2020 17:41

Instrument :
MSVOA_U
ClientSampled :
BG0C8

Tot Ion: 73 Resp: 1884
Ion Ratio Lower Upper
73 100
43 12.2 18.2 27.4#
57 16.4 17.8 26.8#



#25
Chloroform
Concen: 0.416 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU039817.D
Acq: 08 Aug 2020 17:41

Tgt Ion: 83 Resp: 4144
Ion Ratio Lower Upper
83 100
85 54.3 42.1 78.3

