

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039814.D
 Acq On : 08 Aug 2020 16:29
 Operator : SY/MD
 Sample : L3591-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0C6

Quant Time: Aug 10 02:53:16 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	75052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22580	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.92	69	19827	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.58	63	57832	7.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	141.80%#
20) 2-Butanone-d5	4.66	46	74156	41.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.20%
24) Chloroform-d	5.08	84	43874	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.72	65	26444	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.74	84	84367	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.71	67	26985	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	73186	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	9166	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.64	63	50301	39.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22814	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30506	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

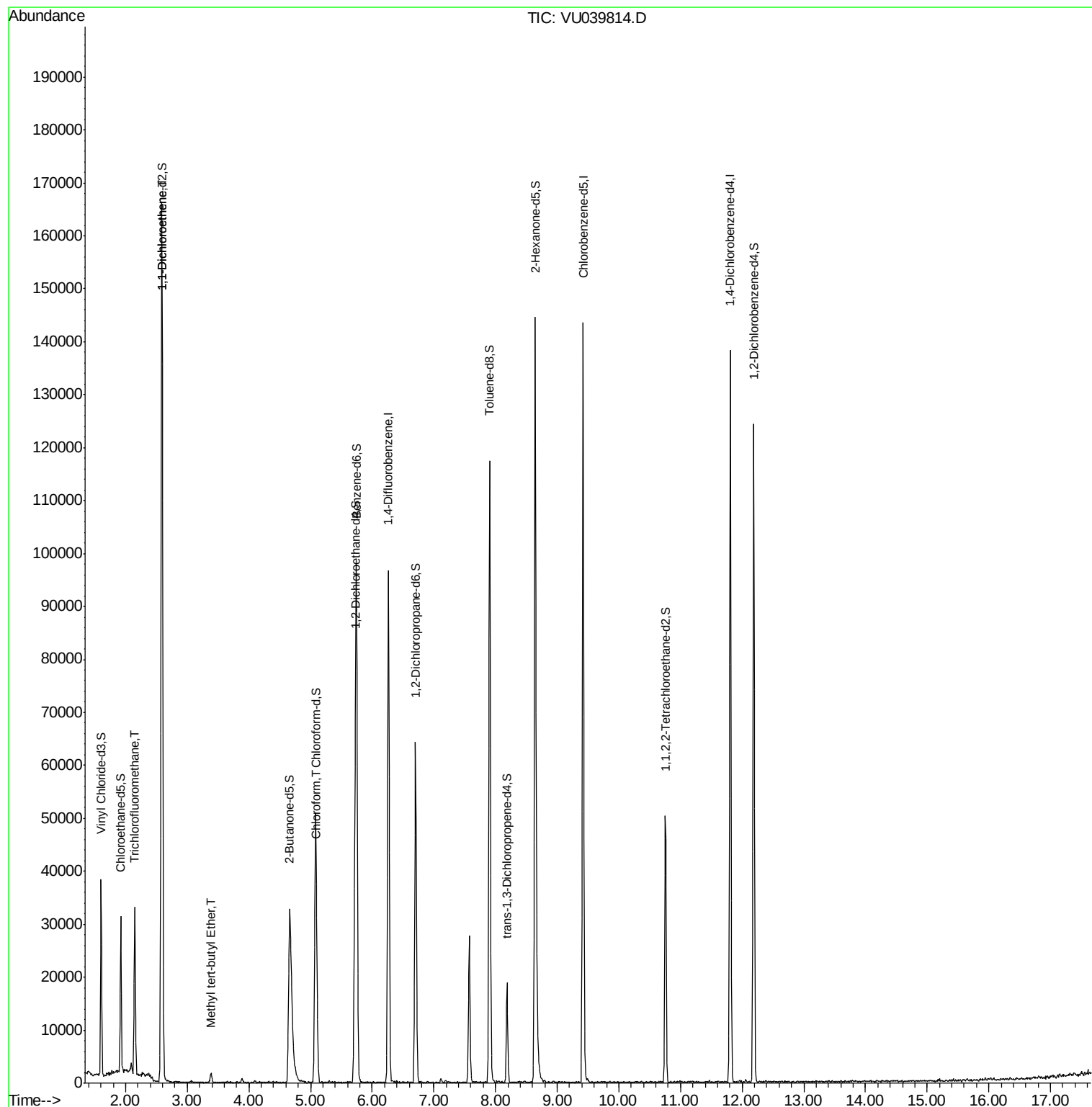
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.15	101	18732	1.974	ug/L	100
12) 1,1-Dichloroethene	2.59	96	44764	9.999	ug/L #	84
17) Methyl tert-butyl Ether	3.39	73	1967	0.165	ug/L #	73
25) Chloroform	5.11	83	3737	0.378	ug/L	86

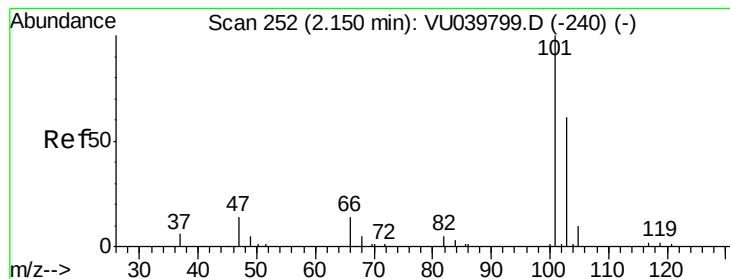
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.974 ug/L

RT: 2.15 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU039814.D

Acq: 08 Aug 2020 16:29

Instrument :

MSVOA_U

ClientSampled :

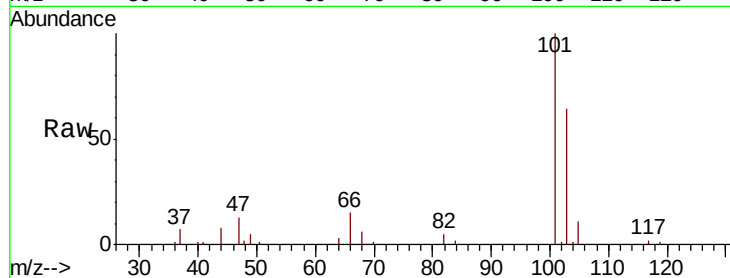
BG0C6

Tot Ion:101 Resp: 18732

Ion Ratio Lower Upper

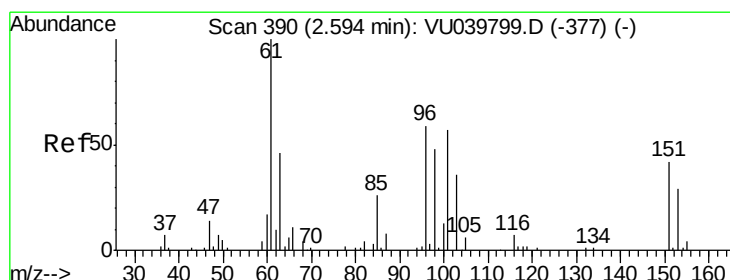
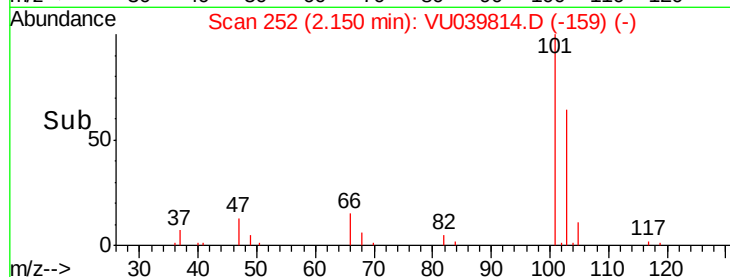
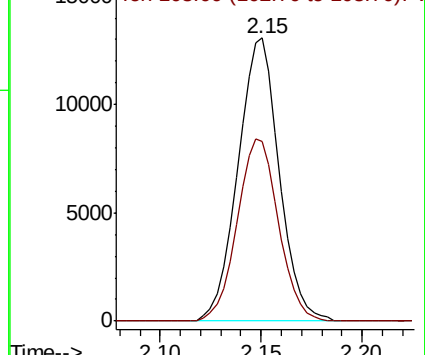
101 100

103 64.2 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: 9.999 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039814.D

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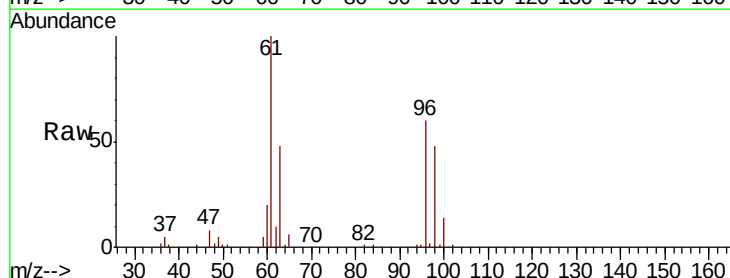
Tgt Ion: 96 Resp: 44764

Ion Ratio Lower Upper

96 100

61 167.9 121.7 225.9

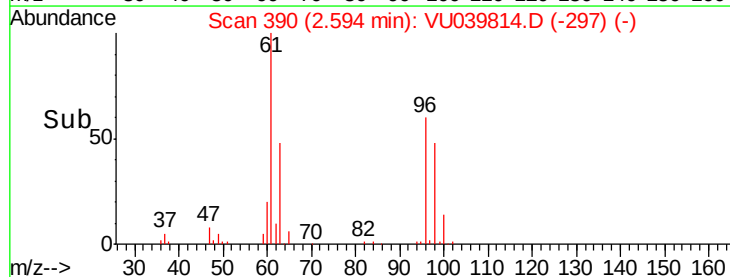
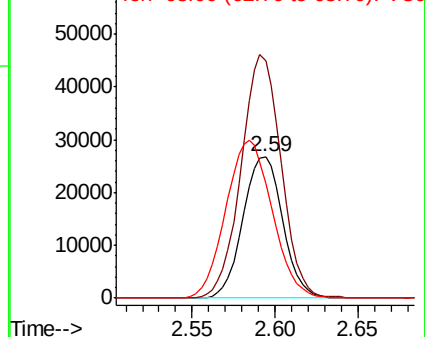
63 81.0 82.1 152.5#

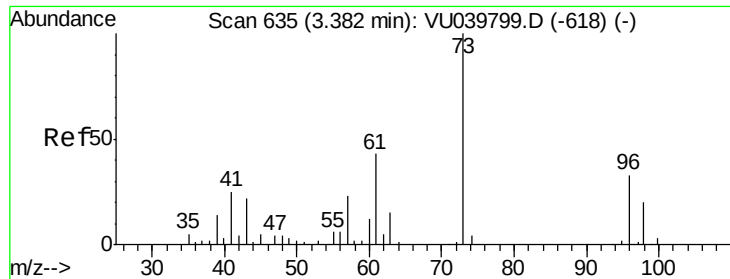


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

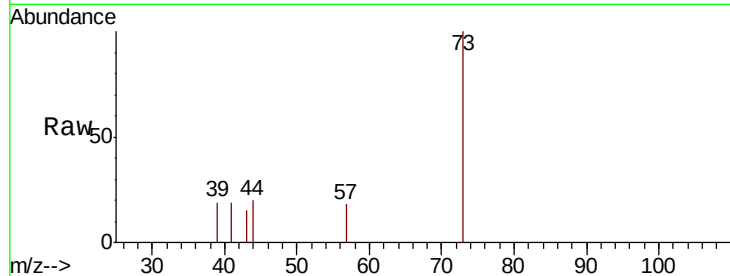




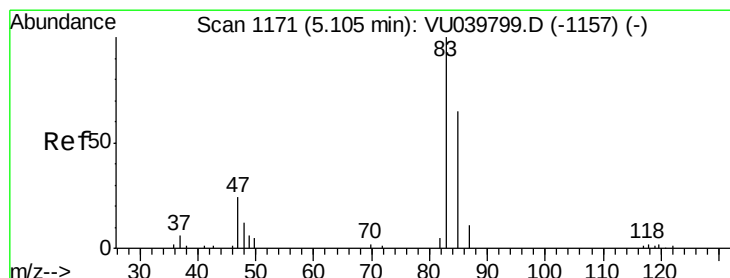
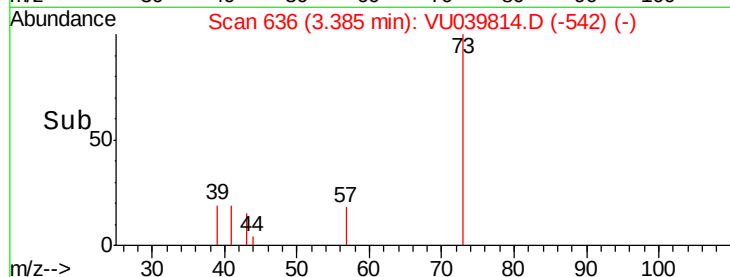
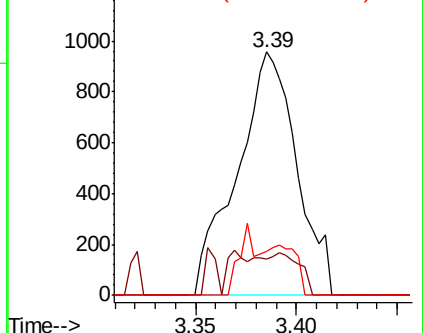
#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039814.D
Acq: 08 Aug 2020 16:29

Instrument :
MSVOA_U
ClientSampled :
BG0C6

Tot Ion: 73 Resp: 1967
Ion Ratio Lower Upper
73 100
43 8.3 18.2 27.4#
57 10.5 17.8 26.8#

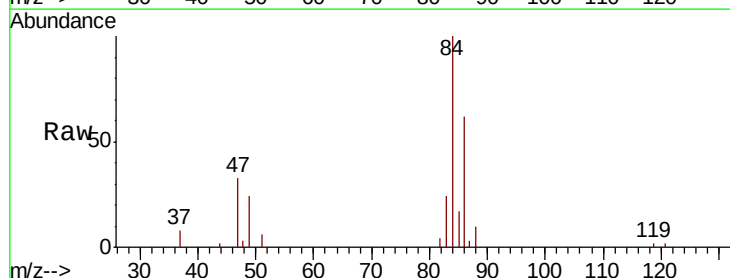


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0



#25
Chloroform
Concen: 0.378 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU039814.D
Acq: 08 Aug 2020 16:29

Tgt Ion: 83 Resp: 3737
Ion Ratio Lower Upper
83 100
85 70.7 42.1 78.3



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

