

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038099.D
 Acq On : 11 May 2020 12:05
 Operator : JC/MD
 Sample : VU0511WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK34

Quant Time: May 12 01:12:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	705426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	686772	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	316655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	291631	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	241021	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.59	63	355784	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.66	46	432285	89.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	5.10	84	422039	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.74	65	300573	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.76	84	959666	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.72	67	312165	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.92	98	864958	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	8.20	79	134787	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
47) 2-Hexanone-d5	8.65	63	262765	90.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411319	42.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	301973	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%

Target Compounds

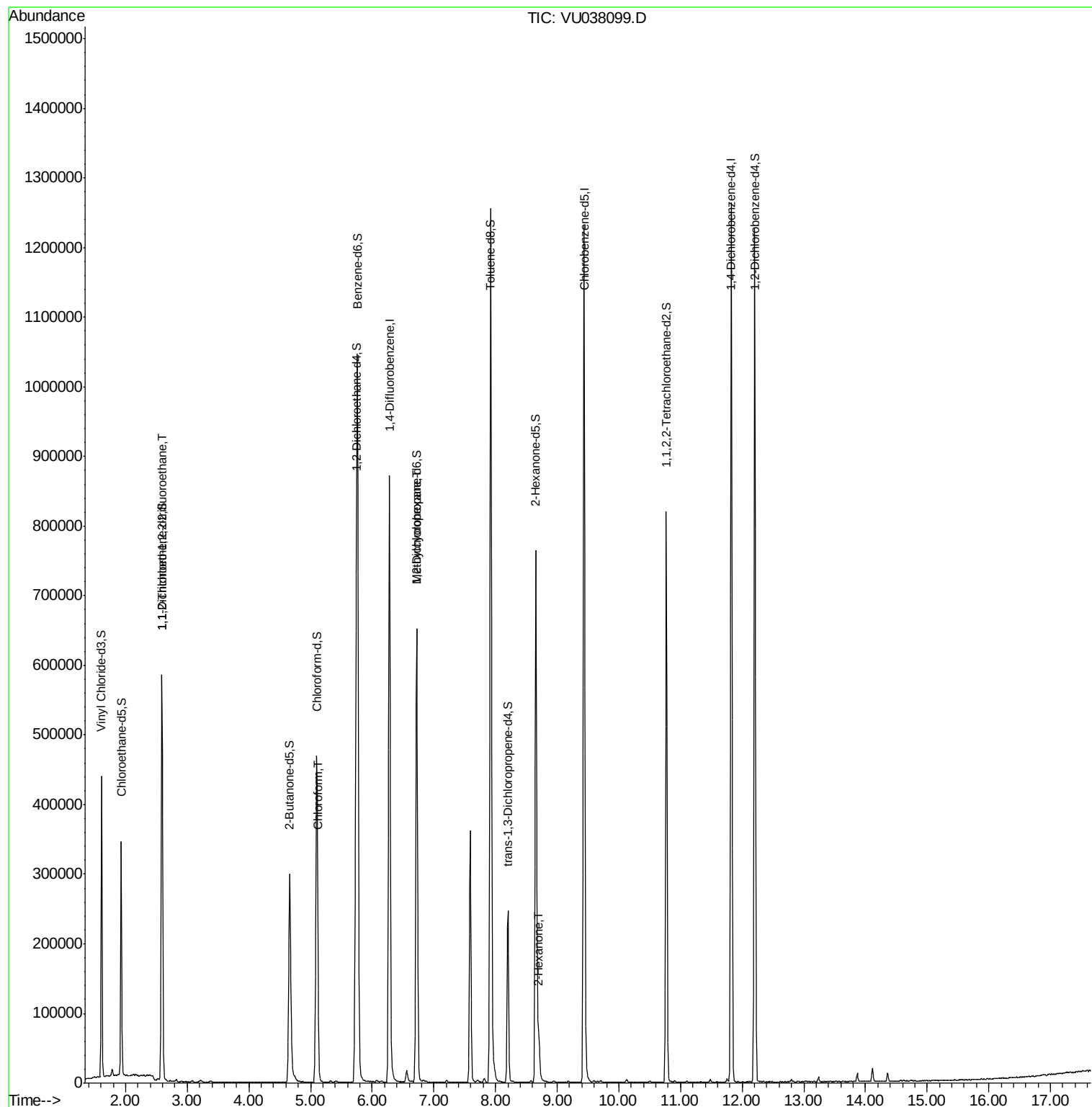
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3311	0.733	ug/L #	26
25) Chloroform	5.12	83	14260	1.495	ug/L	96
35) Methylcyclohexane	6.72	83	69085	7.900	ug/L #	18
48) 2-Hexanone	8.71	43	35804	4.672	ug/L	95

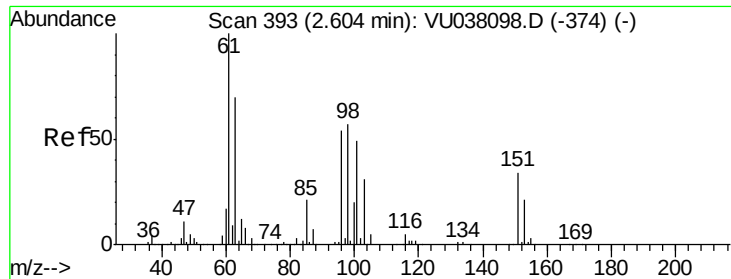
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK34

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Quant Title : VOC Analysis
QLast Update : Tue May 12 01:10:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038099.D

Acq: 11 May 2020 12:05

Instrument :

MSVOA_U

ClientSampled :

VBLK34

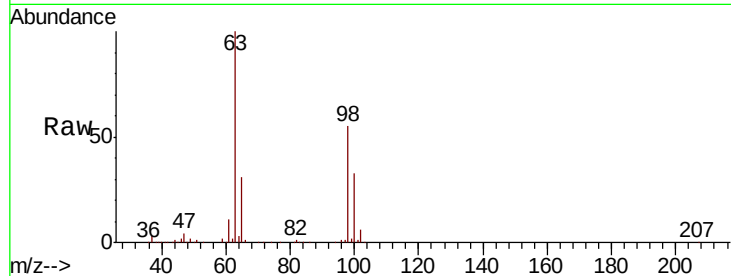
Tot Ion:101 Resp: 3311

Ion Ratio Lower Upper

101 100

85 2.9 34.7 52.1#

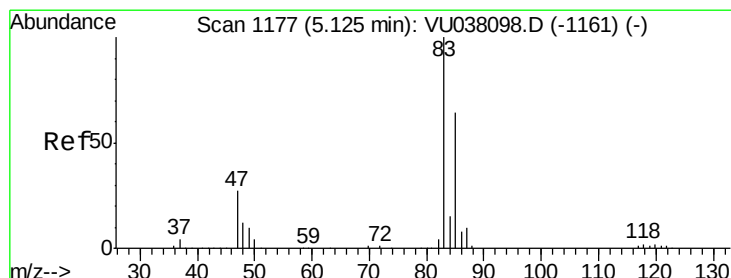
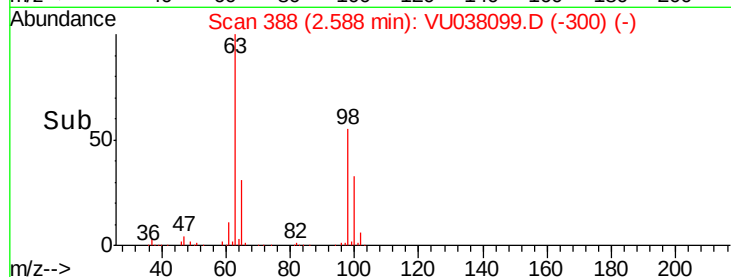
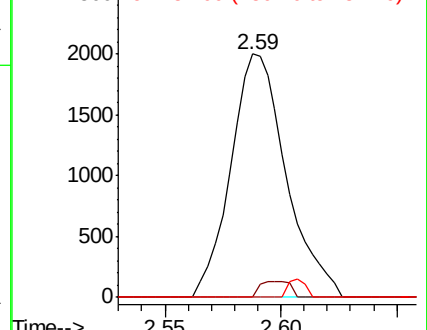
151 2.2 53.4 80.2#



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



#25

Chloroform

Concen: 1.495 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU038099.D

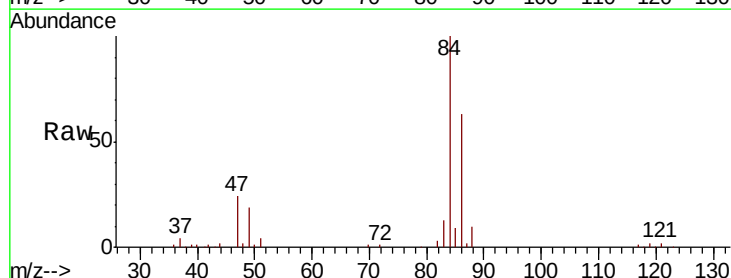
Acq: 11 May 2020 12:05

Tgt Ion: 83 Resp: 14260

Ion Ratio Lower Upper

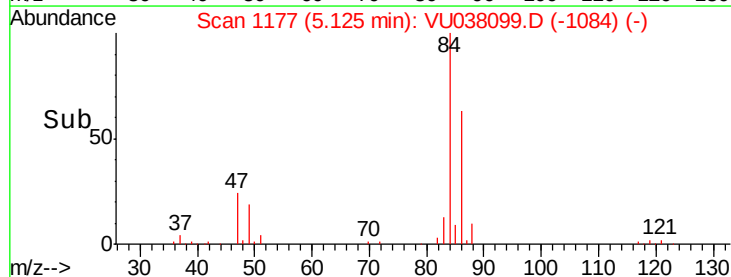
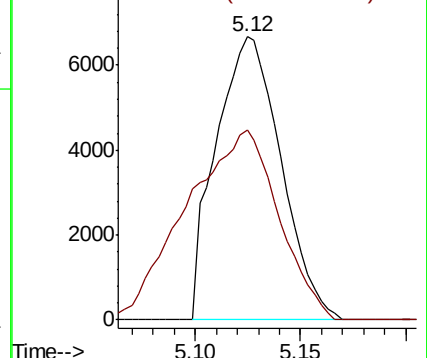
83 100

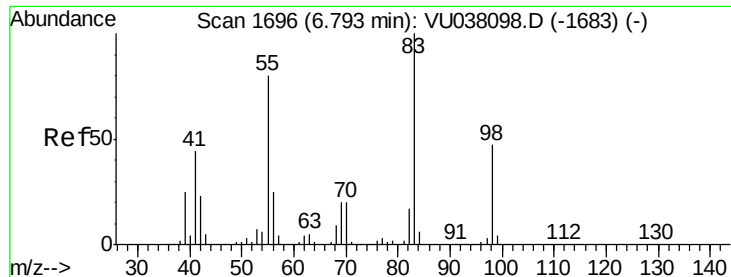
85 67.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

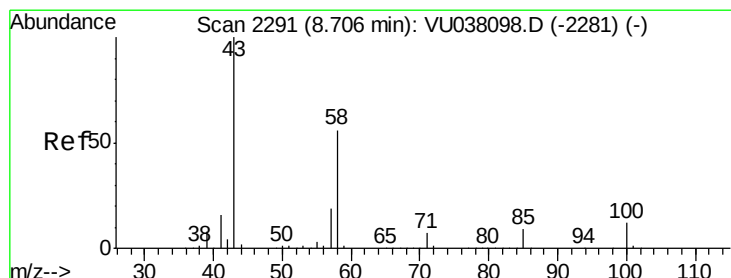
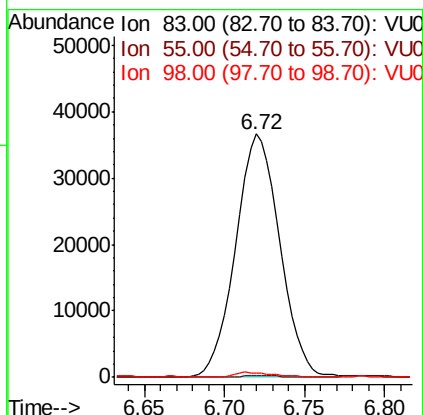
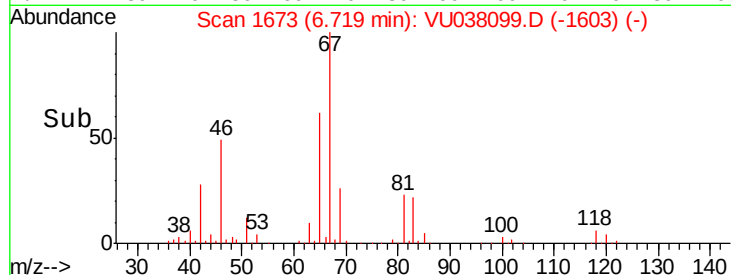
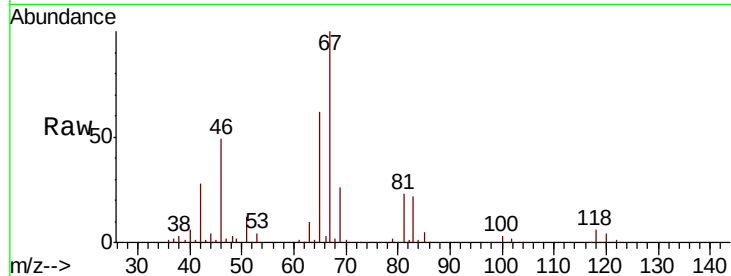




#35
Methylvlcyclohexane
Concen: 7.900 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038099.D
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Tot Ion: 83 Resp: 69085
Ion Ratio Lower Upper
83 100
55 0.5 64.2 96.4#
98 1.9 38.1 57.1#



#48
2-Hexanone
Concen: 4.672 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038099.D
Acq: 11 May 2020 12:05

Tgt Ion: 43 Resp: 35804
Ion Ratio Lower Upper
43 100
58 54.2 46.4 69.6
57 17.1 16.4 24.6
100 10.6 9.5 14.3

