

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010920\
 Data File : VU036420.D
 Acq On : 09 Jan 2020 15:36
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 04:10:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 04:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	503632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	478331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	183657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	209756	53.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.90%
7) Chloroethane-d5	1.93	69	169791	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.58%
11) 1,1-Dichloroethene-d2	2.59	63	276501	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.72%
21) 2-Butanone-d5	4.68	46	251008	85.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.89%
24) Chloroform-d	5.36	84	223	0.03	ug/L	0.25
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.06%#
26) 1,2-Dichloroethane-d4	5.74	65	238866	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.77	84	695453	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
36) 1,2-Dichloropropane-d6	6.73	67	224474	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.52%
41) Toluene-d8	7.93	98	641766	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.21	79	115093	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.67	63	203719	88.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	309382	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	12.22	152	193437	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%

Target Compounds

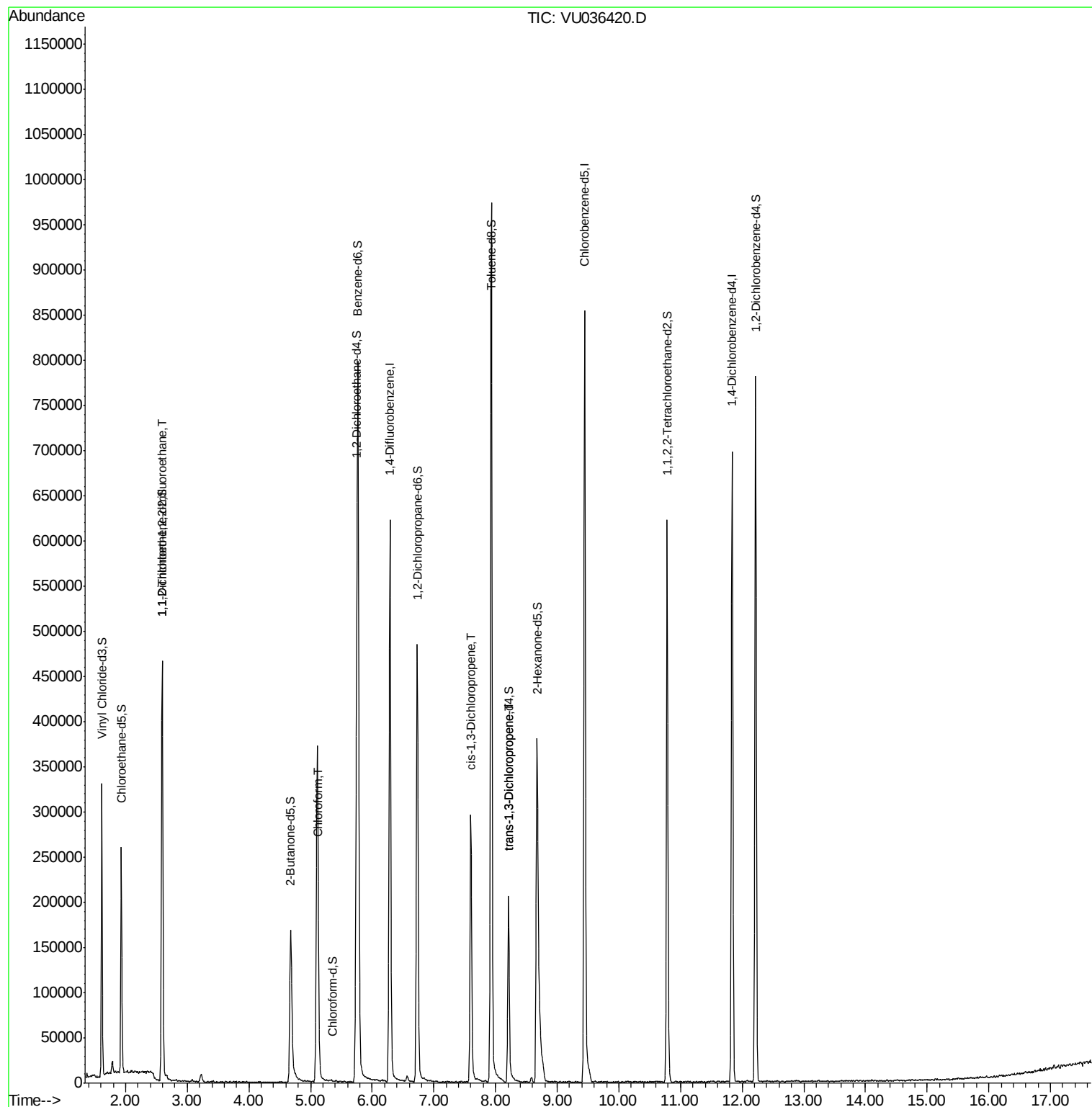
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2463	0.833 ug/L	# 24
25) Chloroform	5.13	83	15690	2.335 ug/L	88
39) cis-1,3-Dichloropropene	7.60	75	8307	1.304 ug/L	86
44) trans-1,3-Dichloropropene	8.21	75	6132	1.033 ug/L	85

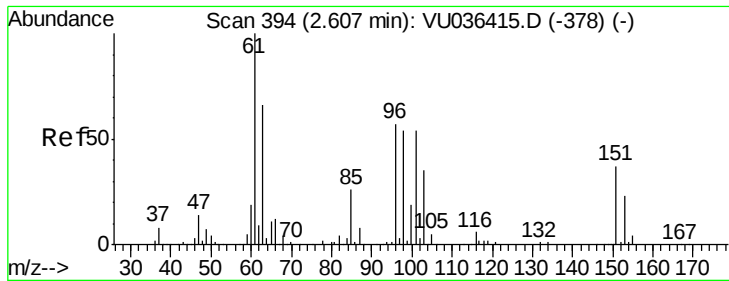
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.833 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036420.D

Acq: 09 Jan 2020 15:36

Instrument :

MSVOA_U

ClientSampleId :

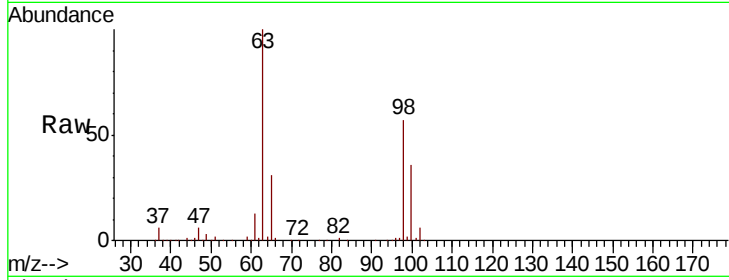
Tot Ion:101 Resp: 2463

Ion Ratio Lower Upper

101 100

85 3.5 37.1 55.7#

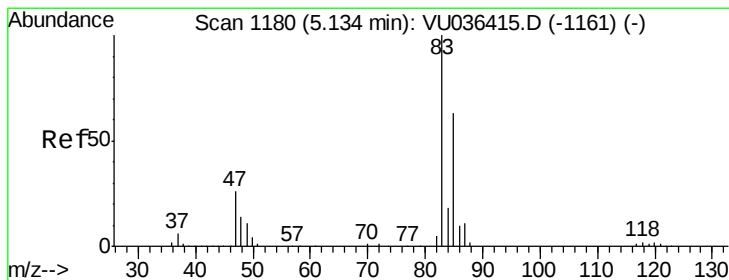
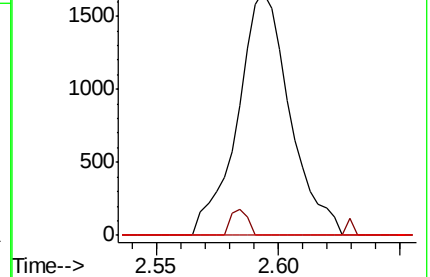
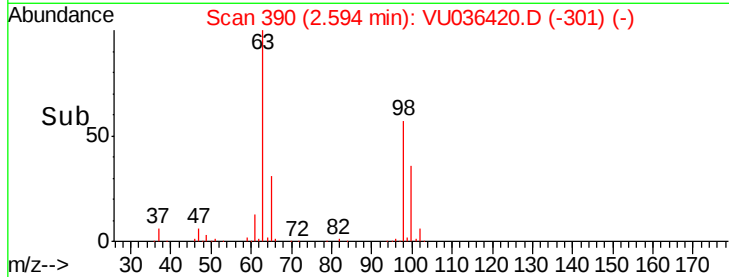
151 0.0 54.3 81.5#



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: 2.335 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036420.D

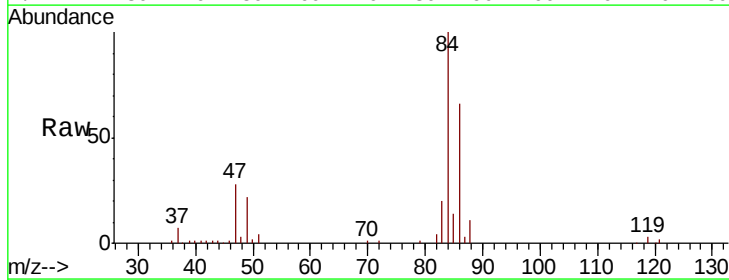
Acq: 09 Jan 2020 15:36

Tgt Ion: 83 Resp: 15690

Ion Ratio Lower Upper

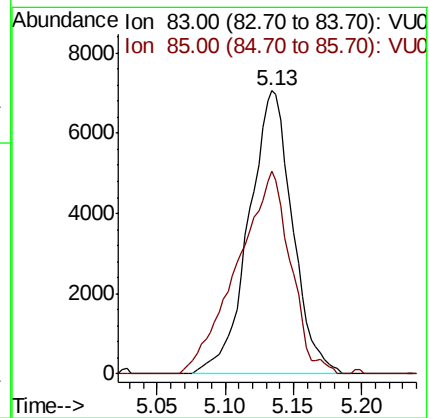
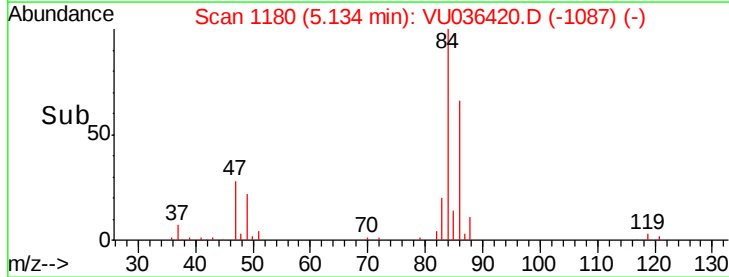
83 100

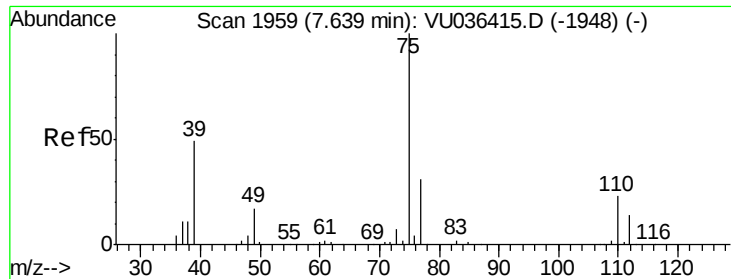
85 71.6 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

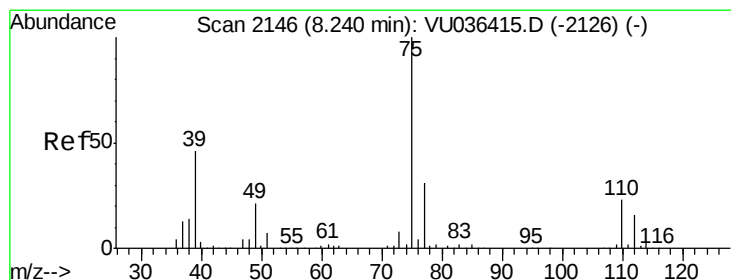
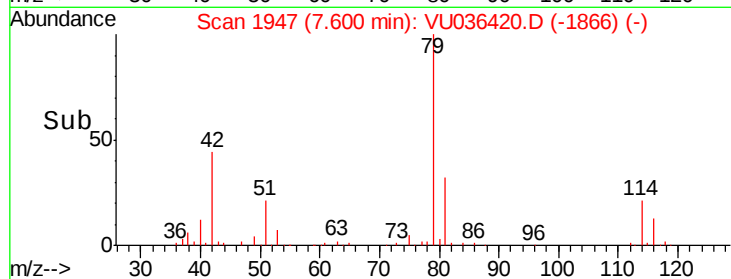
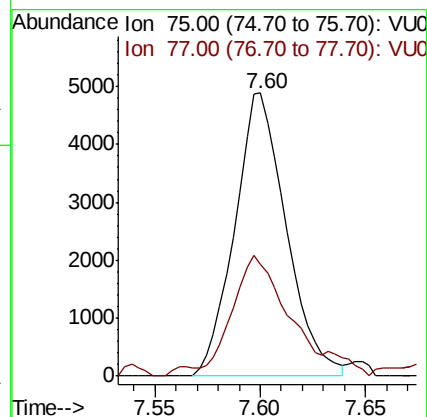
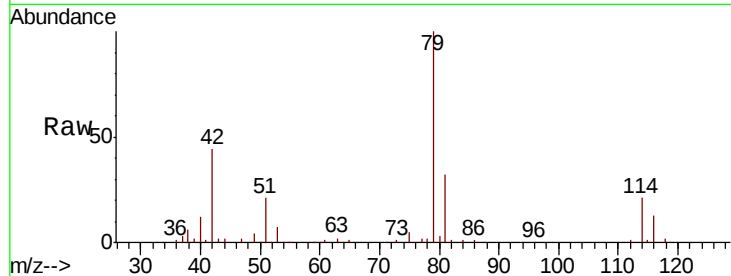




#39
 cis-1,3-Dichloropropene
 Concen: 1.304 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036420.D
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Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 8307
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.2 41.2



#44
 trans-1,3-Dichloropropene
 Concen: 1.033 ug/L
 RT: 8.21 min Scan# 2137
 Delta R.T. -0.03 min
 Lab File: VU036420.D
 Acq: 09 Jan 2020 15:36

Tgt Ion: 75 Resp: 6132
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.5 41.9

