

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038679.D
 Acq On : 08 Jun 2020 20:19
 Operator : SY/MD
 Sample : L2896-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M9

Quant Time: Jun 09 06:13:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	545891	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	533347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	245788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	200985	65.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.80%
7) Chloroethane-d5	1.93	69	153727	64.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.94%
11) 1,1-Dichloroethene-d2	2.59	63	305506	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.92%
21) 2-Butanone-d5	4.67	46	359446	121.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.14%
24) Chloroform-d	5.10	84	374368	56.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.86%
26) 1,2-Dichloroethane-d4	5.74	65	252698	57.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.96%
32) Benzene-d6	5.76	84	782017	60.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.74%
36) 1,2-Dichloropropane-d6	6.72	67	238218	60.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.32%#
41) Toluene-d8	7.92	98	681448	58.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.40%
43) trans-1,3-Dichloropropene-	8.20	79	111859	56.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.22%
47) 2-Hexanone-d5	8.65	63	269460	127.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.85%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	335814	56.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	265616	62.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.48%#

Target Compounds

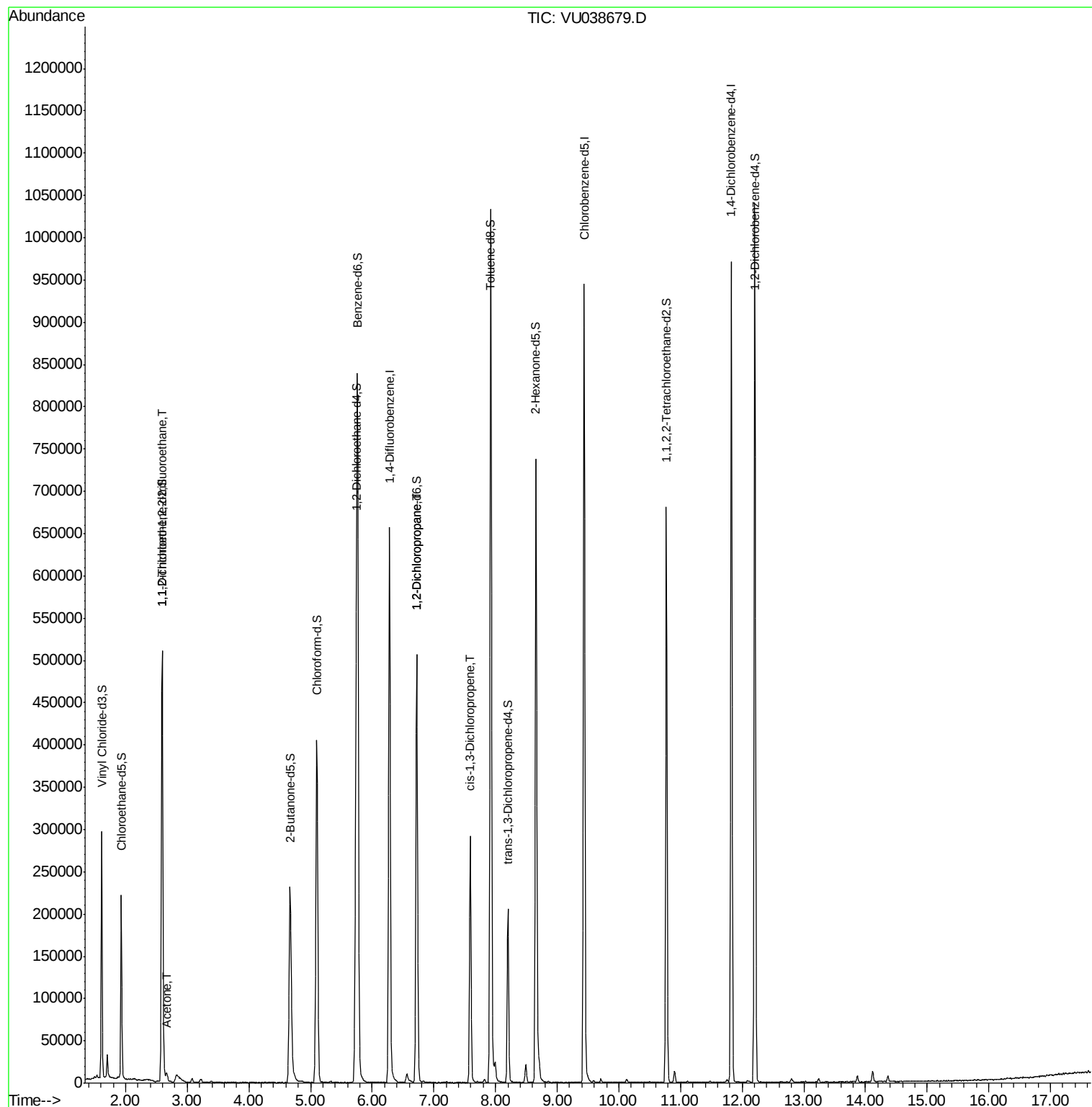
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2844	0.811 ug/L #	21
13) Acetone	2.66	43	13924	5.823 ug/L	99
37) 1,2-Dichloropropane	6.72	63	26763	6.485 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	7307	1.148 ug/L #	66

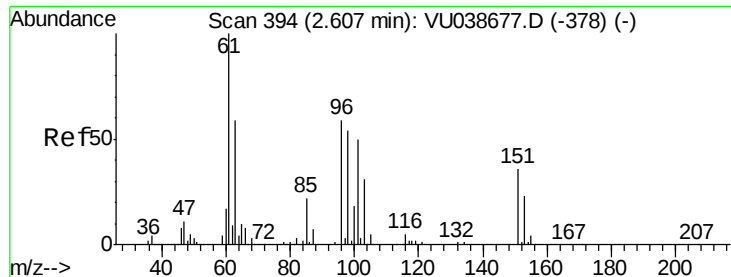
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.811 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038679.D

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EW0M9

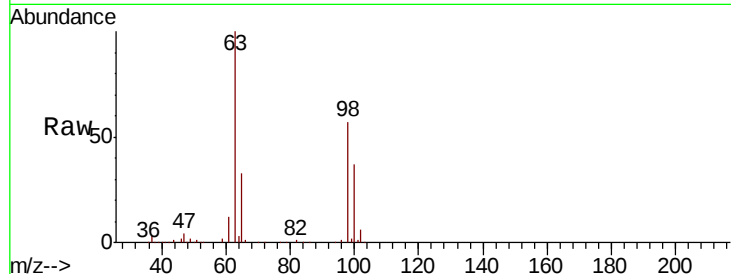
Tot Ion:101 Resp: 2844

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

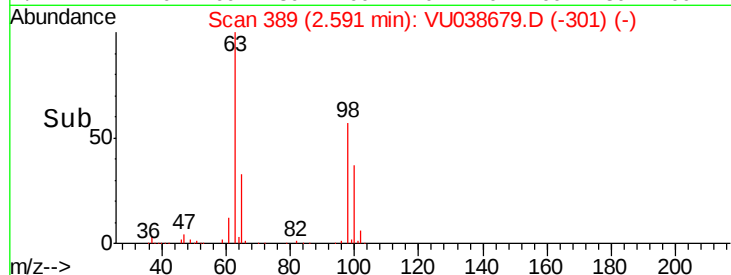
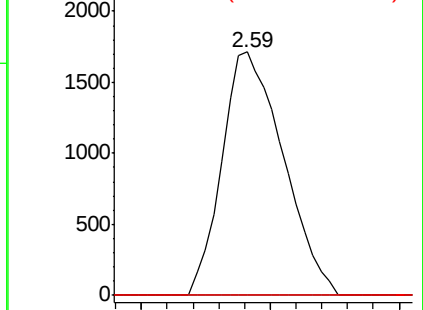
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 5.823 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU038679.D

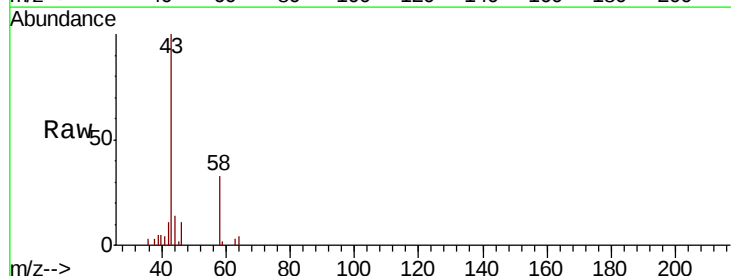
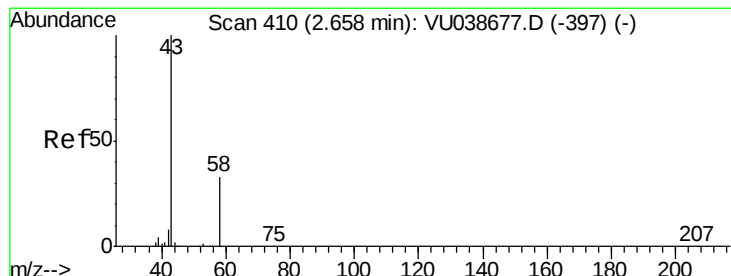
Acq: 08 Jun 2020 20:19

Tgt Ion: 43 Resp: 13924

Ion Ratio Lower Upper

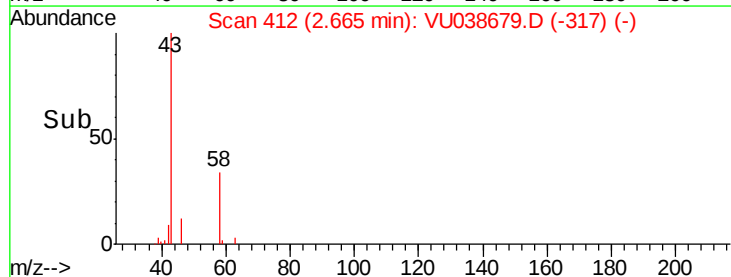
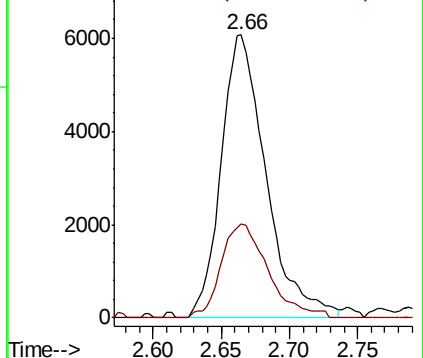
43 100

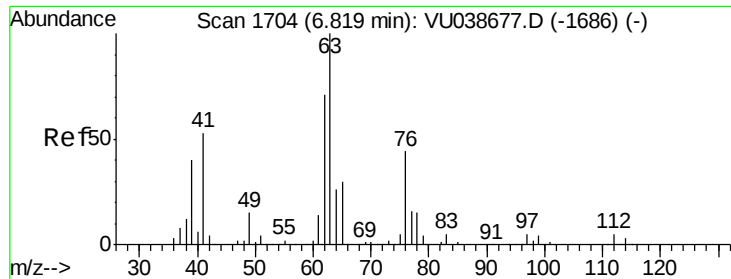
58 34.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

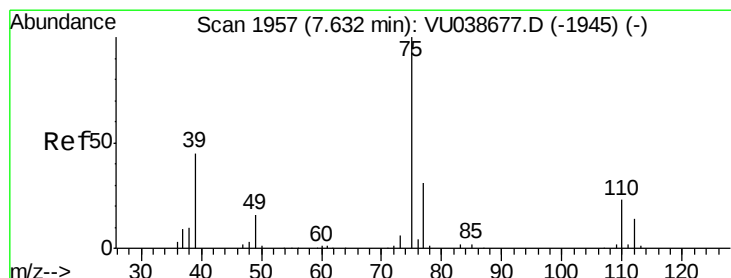
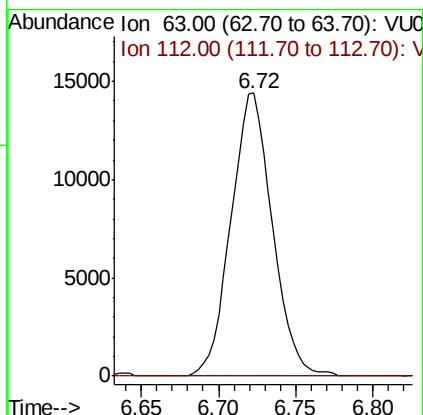
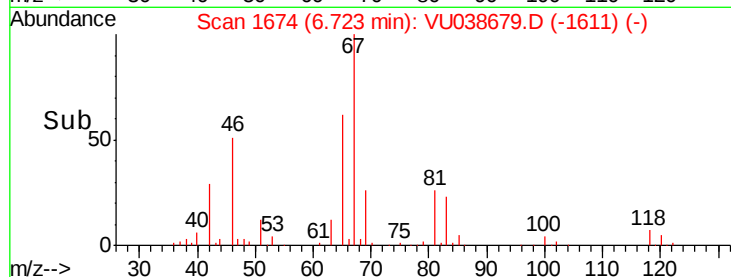
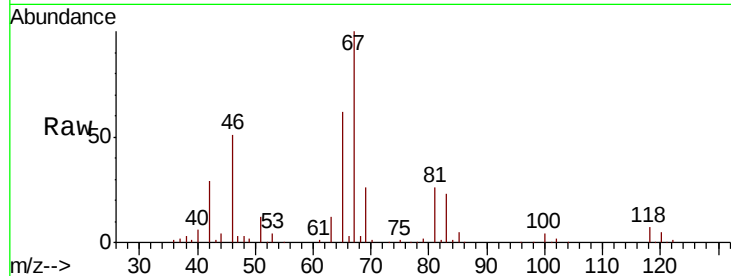




#37
 1,2-Dichloropropane
 Concen: 6.485 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
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Tot Ion: 63 Resp: 26763
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.148 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038679.D
 Acq: 08 Jun 2020 20:19

Tgt Ion: 75 Resp: 7307
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.2 41.2#

