

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038685.D
 Acq On : 08 Jun 2020 22:32
 Operator : SY/MD
 Sample : L2896-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9

Quant Time: Jun 09 06:14:17 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	555580	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	548524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	252903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191269	61.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.24%
7) Chloroethane-d5	1.93	69	149855	62.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.46%
11) 1,1-Dichloroethene-d2	2.59	63	287138	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.88%
21) 2-Butanone-d5	4.66	46	338361	112.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.05%
24) Chloroform-d	5.10	84	359037	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.30%
26) 1,2-Dichloroethane-d4	5.74	65	244148	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
32) Benzene-d6	5.76	84	749166	56.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.72	67	224641	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.34%
41) Toluene-d8	7.92	98	641267	53.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.42%
43) trans-1,3-Dichloropropene-	8.20	79	107341	52.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.72%
47) 2-Hexanone-d5	8.65	63	253225	116.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	319022	52.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.04%
64) 1,2-Dichlorobenzene-d4	12.20	152	251764	57.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.68%

Target Compounds

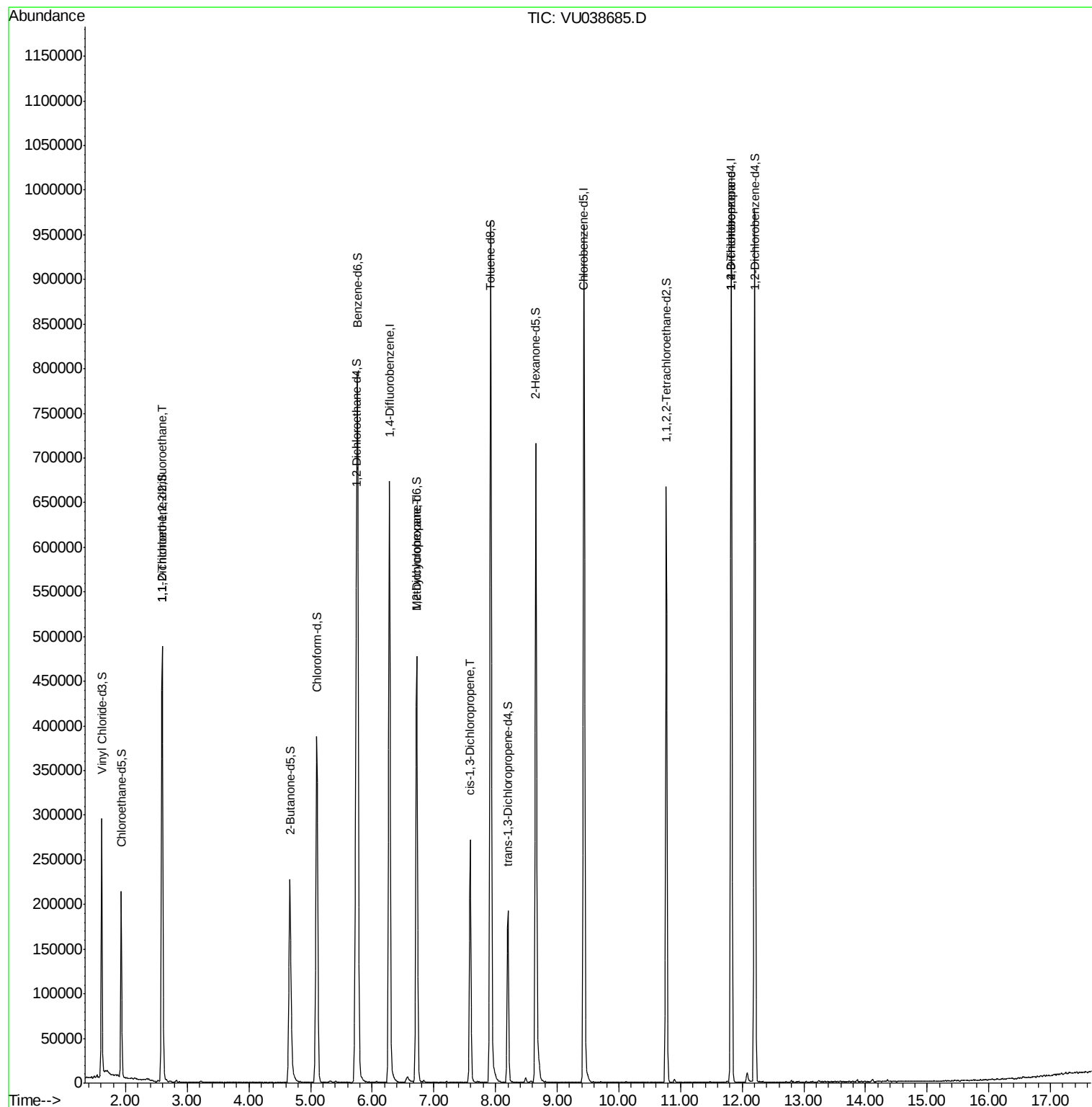
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2584	0.724 ug/L #	24
35) Methylcyclohexane	6.72	83	54126	8.663 ug/L #	18
39) cis-1,3-Dichloropropene	7.59	75	7180	1.097 ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	33107	5.563 ug/L	90

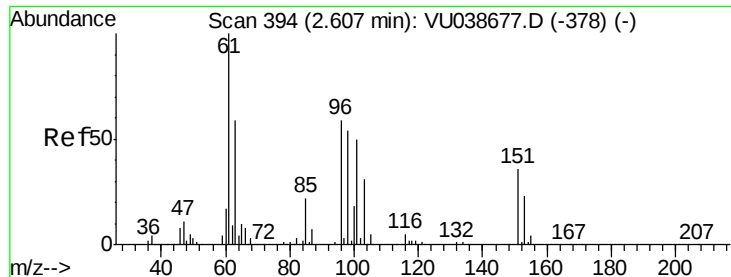
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.724 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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EW0G9

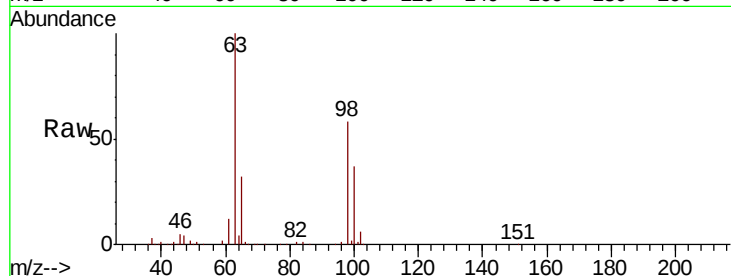
Tot Ion:101 Resp: 2584

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

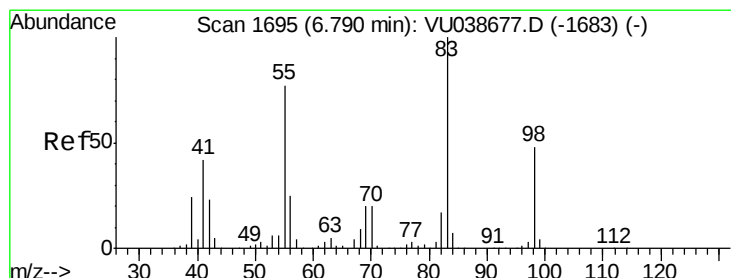
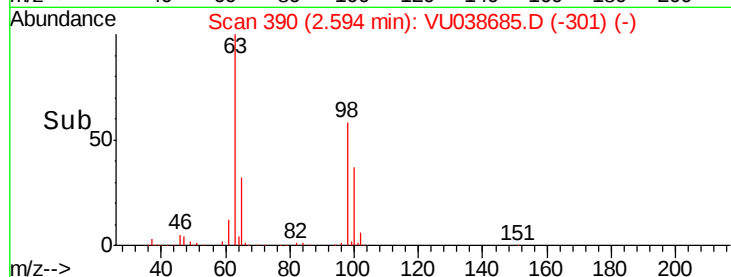
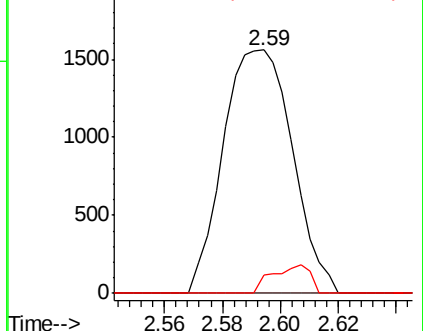
151 4.5 57.4 86.0#



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



#35

Methylcyclohexane

Concen: 8.663 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038685.D

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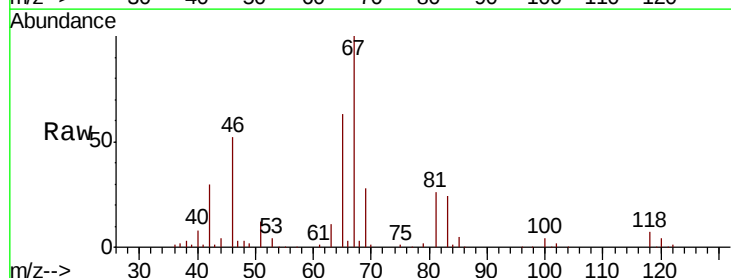
Tgt Ion: 83 Resp: 54126

Ion Ratio Lower Upper

83 100

55 0.4 63.2 94.8#

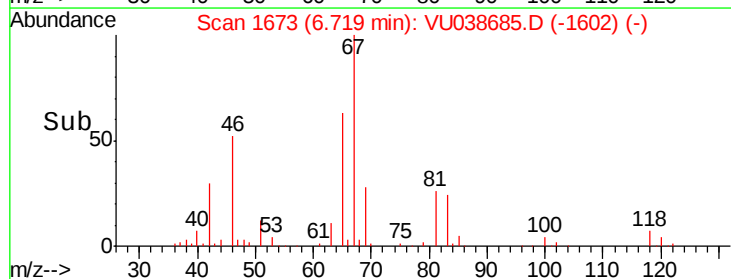
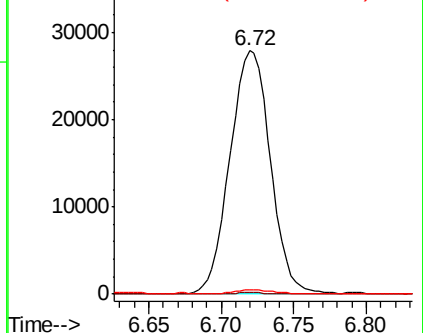
98 1.7 38.4 57.6#

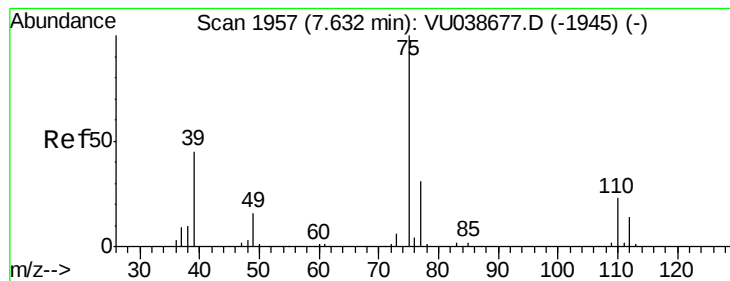


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



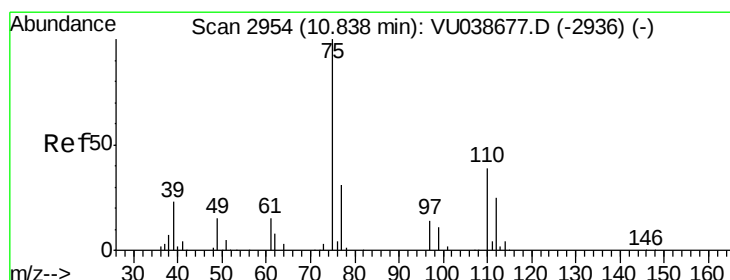
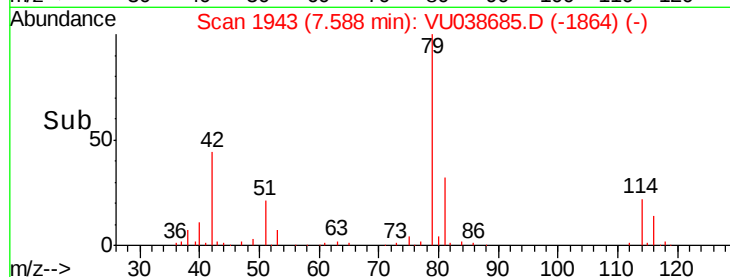
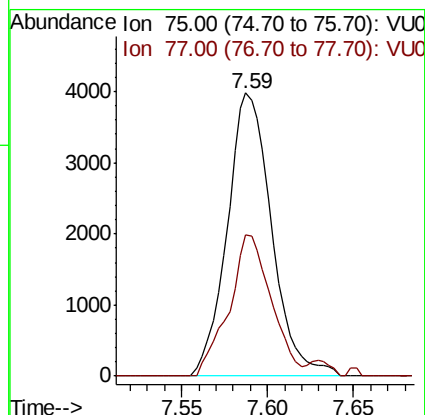
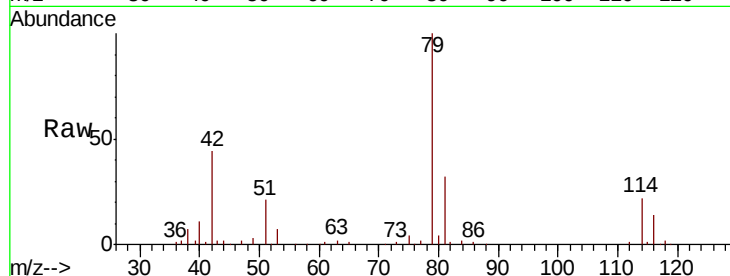


#39

cis-1,3-Dichloropropene
Concen: 1.097 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 7180
Ion Ratio Lower Upper
75 100
77 50.1 22.2 41.2#



#59

1,2,3-Trichloropropane
Concen: 5.563 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038685.D
Acq: 08 Jun 2020 22:32

Tgt Ion: 75 Resp: 33107
Ion Ratio Lower Upper
75 100
77 37.2 25.3 37.9

