

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038692.D
 Acq On : 09 Jun 2020 01:07
 Operator : SY/MD
 Sample : L2896-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J7

Quant Time: Jun 09 06:15:04 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	547013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	548777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	254223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174970	57.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.50%
7) Chloroethane-d5	1.93	69	140576	59.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.58%
11) 1,1-Dichloroethene-d2	2.59	63	271838	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
21) 2-Butanone-d5	4.66	46	327019	109.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.99%
24) Chloroform-d	5.10	84	337620	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
26) 1,2-Dichloroethane-d4	5.74	65	232862	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
32) Benzene-d6	5.76	84	705176	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.72	67	214307	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.92	98	609628	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%
43) trans-1,3-Dichloropropene-	8.20	79	98910	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.65	63	242755	111.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	305814	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	238290	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

Target Compounds

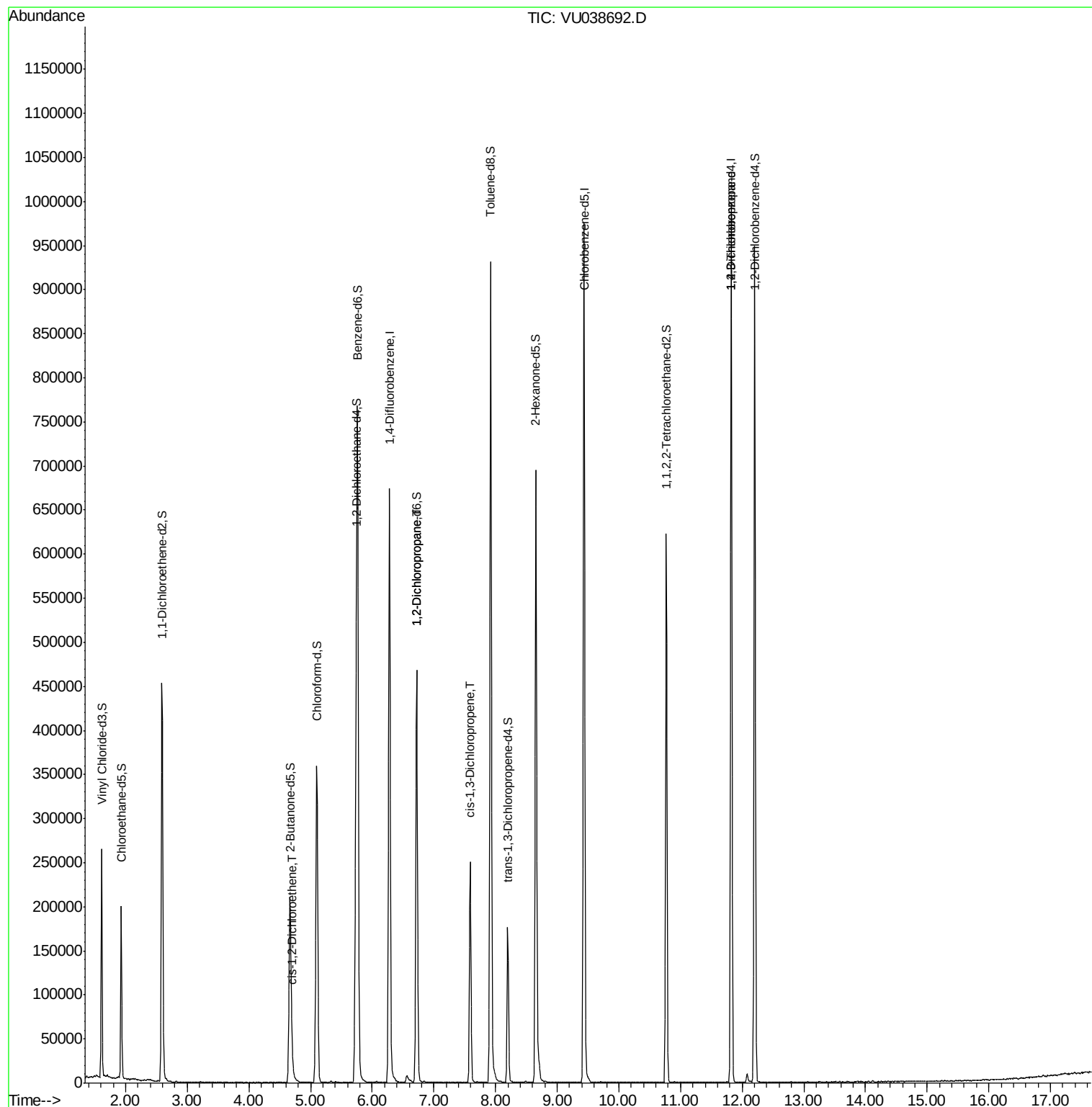
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	3453	0.824 ug/L	81
37) 1,2-Dichloropropane	6.72	63	23417	5.514 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6028	0.920 ug/L #	55
59) 1,2,3-Trichloropropane	11.82	75	31882	5.354 ug/L	92

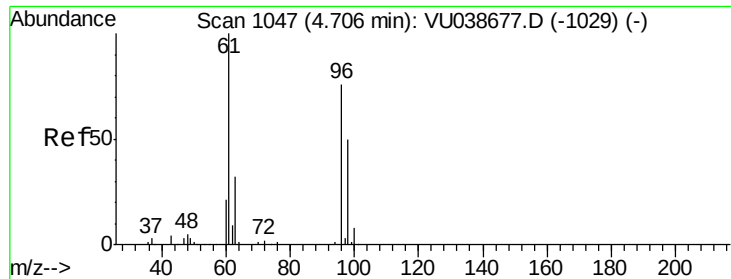
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 0.824 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

EW0J7

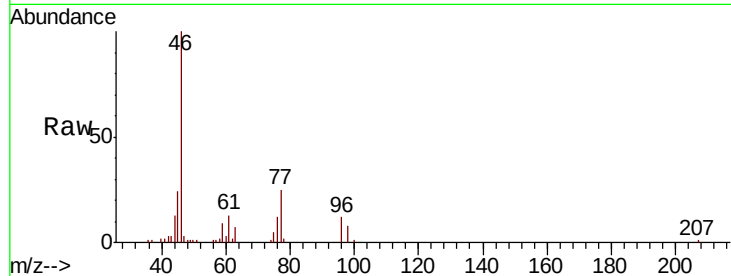
Tot Ion: 96 Resp: 3453

Ion Ratio Lower Upper

96 100

61 105.8 89.5 166.1

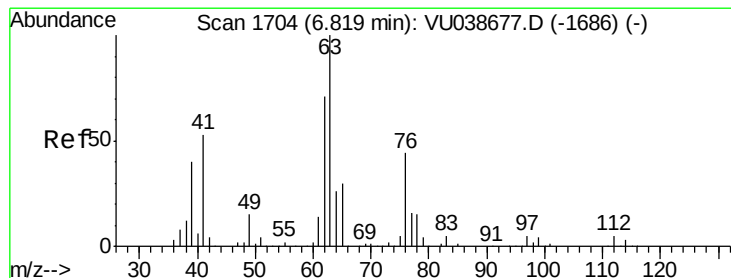
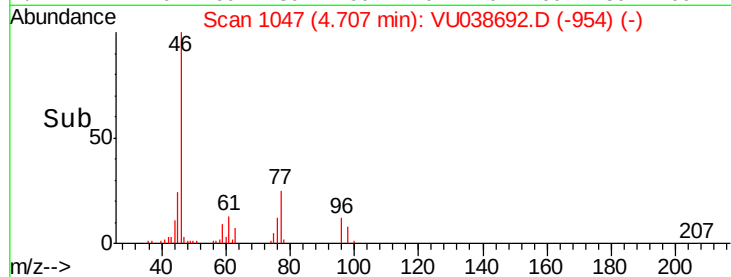
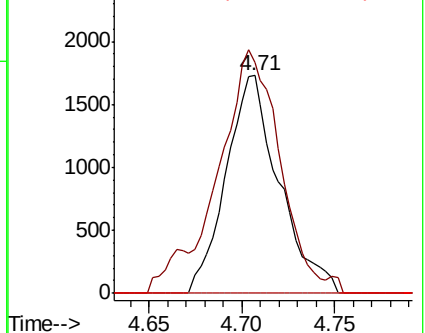
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#37

1,2-Dichloropropane

Concen: 5.514 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038692.D

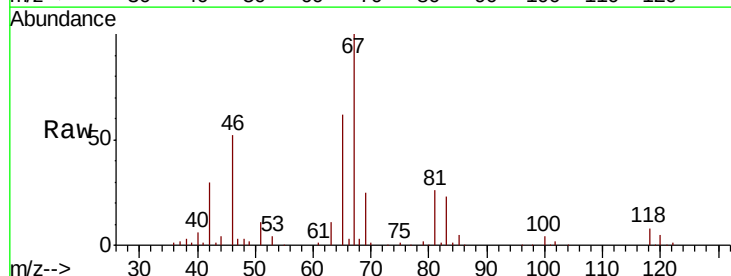
Acq: 09 Jun 2020 01:07

Tgt Ion: 63 Resp: 23417

Ion Ratio Lower Upper

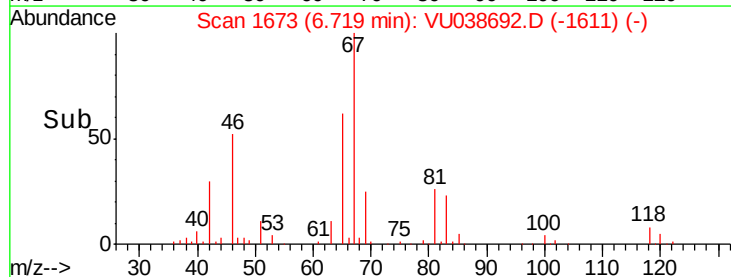
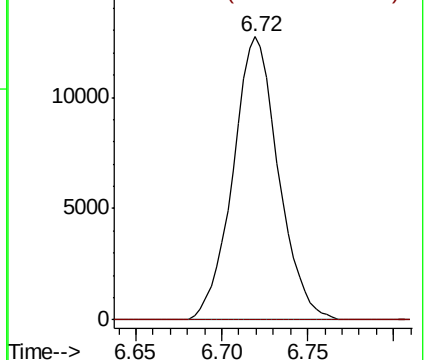
63 100

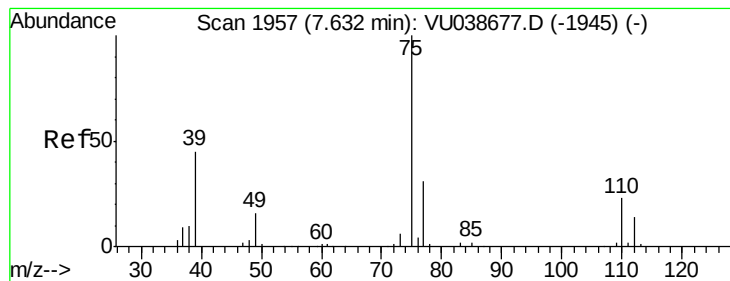
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



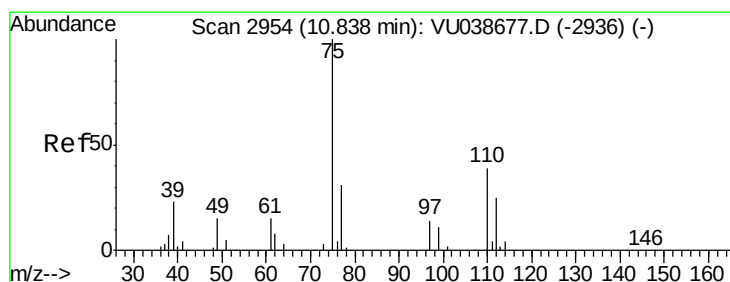
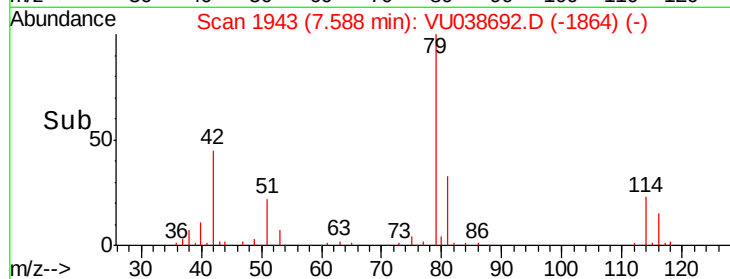
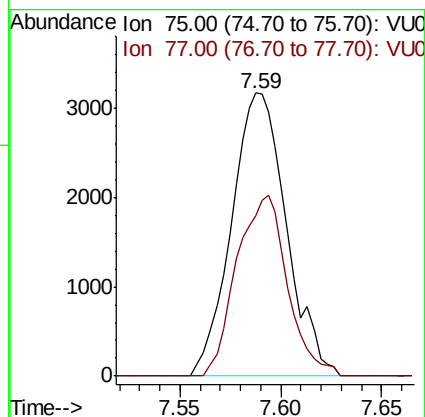
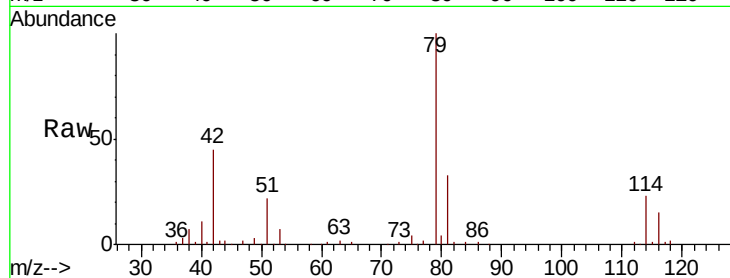


#39

cis-1,3-Dichloropropene
 Concen: 0.920 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038692.D
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Tot Ion: 75 Resp: 6028
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.2 41.2#



#59

1,2,3-Trichloropropane
 Concen: 5.354 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038692.D
 Acq: 09 Jun 2020 01:07

Tgt Ion: 75 Resp: 31882
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.3 37.9

