

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038696.D
 Acq On : 09 Jun 2020 02:36
 Operator : SY/MD
 Sample : L2896-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0L3

Quant Time: Jun 09 06:15:27 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	569522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	555909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	259827	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172342	54.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.32%
7) Chloroethane-d5	1.93	69	135650	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.90%
11) 1,1-Dichloroethene-d2	2.59	63	271861	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
21) 2-Butanone-d5	4.66	46	321725	103.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.93%
24) Chloroform-d	5.10	84	337048	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
26) 1,2-Dichloroethane-d4	5.74	65	230931	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.76	84	701972	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.72	67	213239	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.92	98	600087	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	8.20	79	97180	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.65	63	236373	107.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	304884	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	241018	53.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.86%

Target Compounds

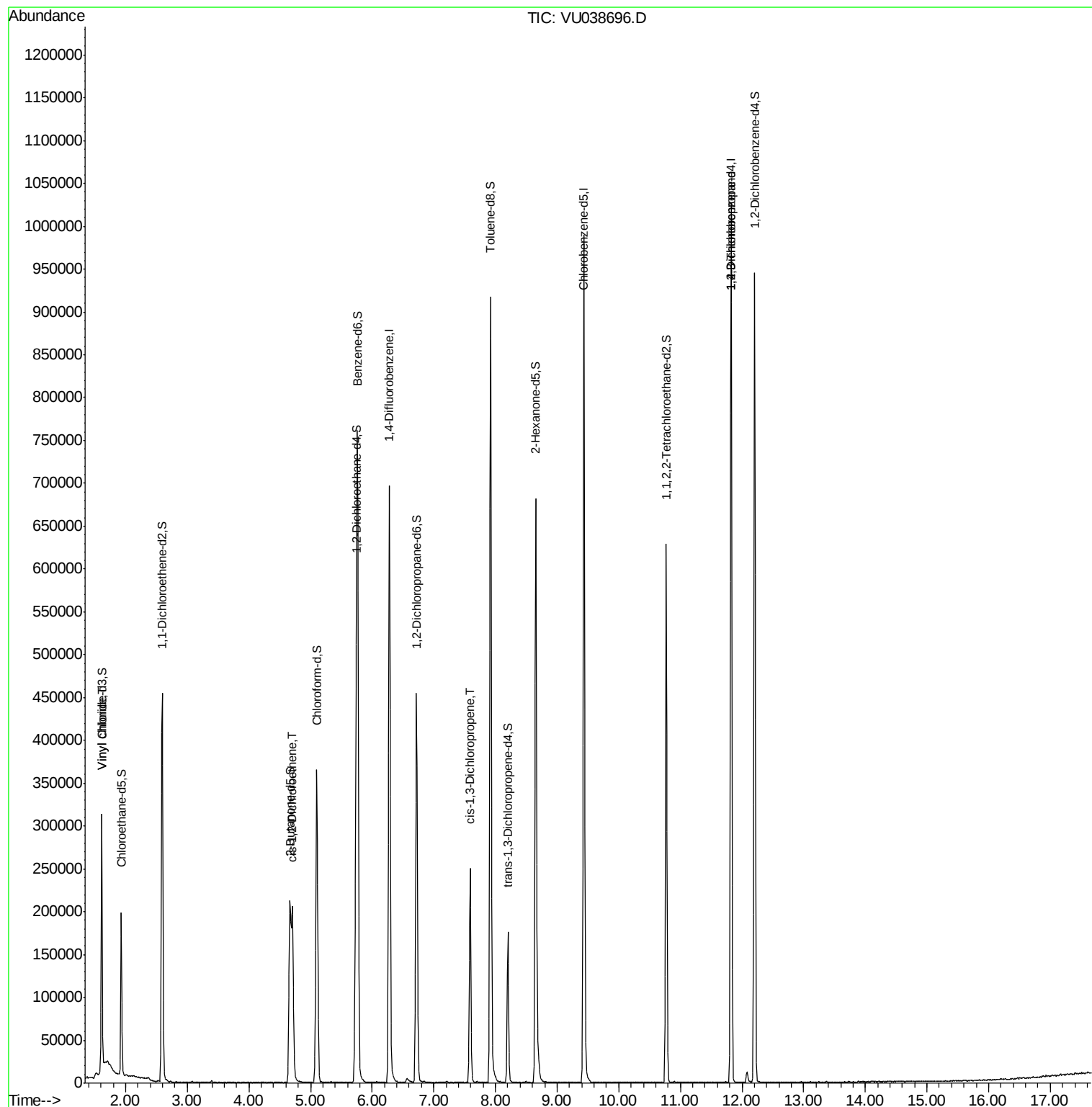
					Ovalue
5) Vinyl chloride	1.62	62	32716	7.180 ug/L #	37
20) cis-1,2-Dichloroethene	4.71	96	91651	21.018 ug/L	98
39) cis-1,3-Dichloropropene	7.59	75	6096	0.919 ug/L #	55
59) 1,2,3-Trichloropropane	11.82	75	32750	5.430 ug/L	89

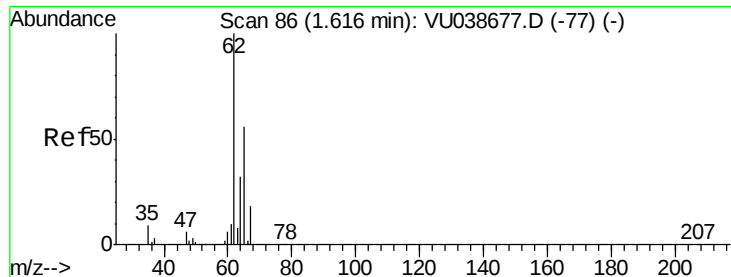
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.180 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038696.D

Acq: 09 Jun 2020 02:36

Instrument :

MSVOA_U

ClientSampleId :

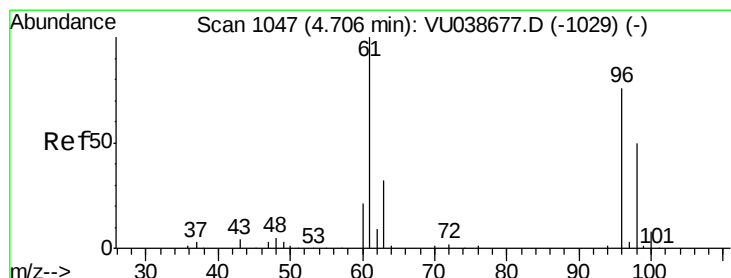
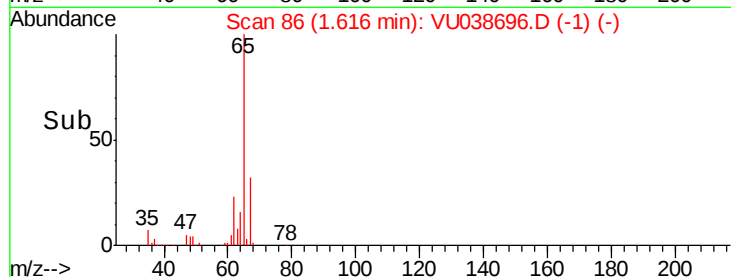
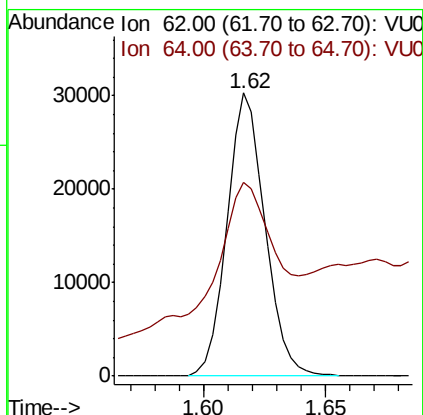
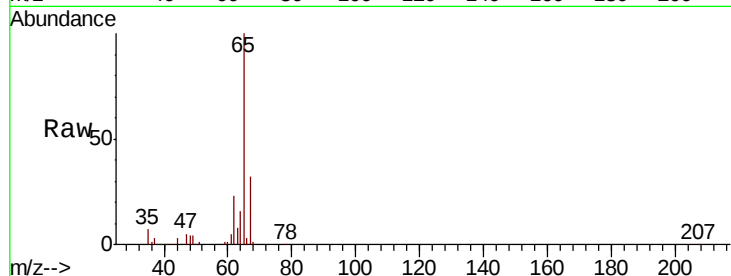
EW0L3

Tot Ion: 62 Resp: 32716

Ion Ratio Lower Upper

62 100

64 68.3 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 21.018 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038696.D

Acq: 09 Jun 2020 02:36

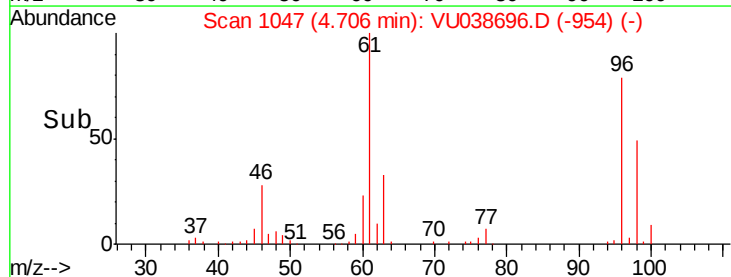
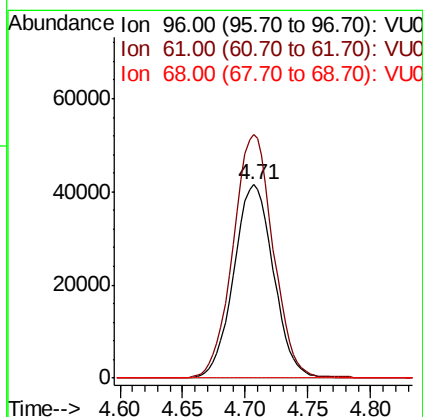
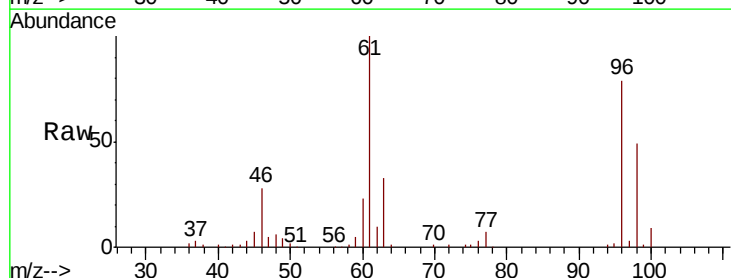
Tgt Ion: 96 Resp: 91651

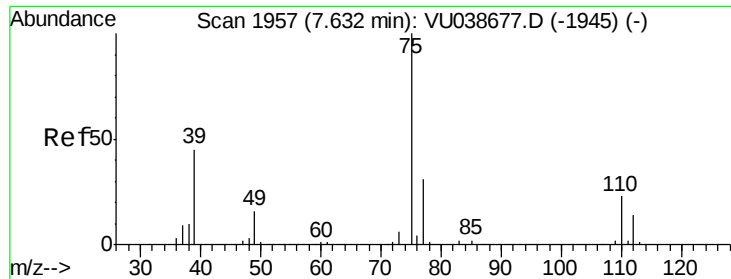
Ion Ratio Lower Upper

96 100

61 126.0 89.5 166.1

68 0.0 0.0 0.0

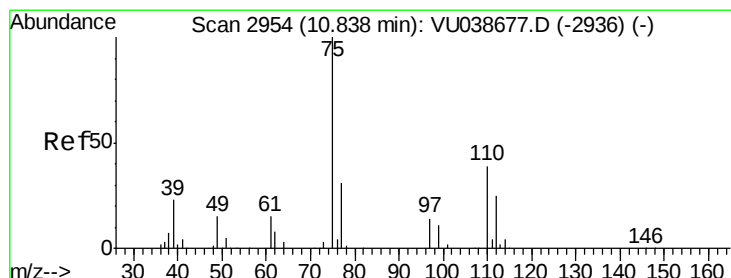
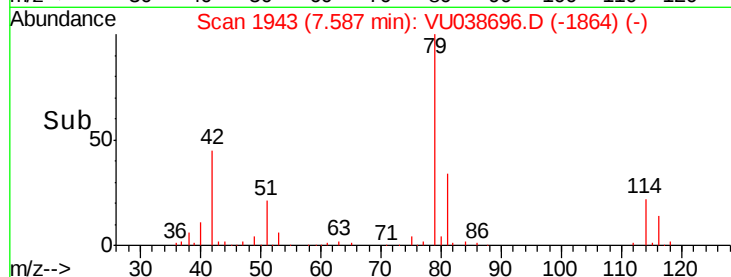
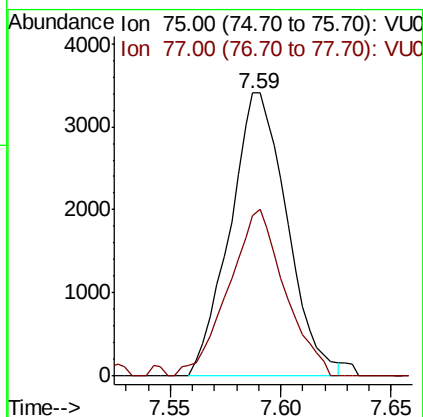
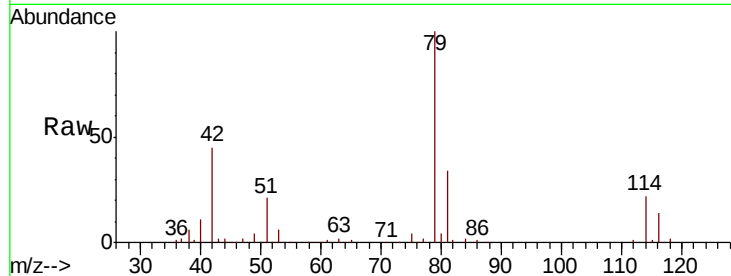




#39
 cis-1,3-Dichloropropene
 Concen: 0.919 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038696.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 EW0L3

Tot Ion: 75 Resp: 6096
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.430 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038696.D
 Acq: 09 Jun 2020 02:36

Tgt Ion: 75 Resp: 32750
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.3 37.9

