

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038737.D
 Acq On : 09 Jun 2020 20:59
 Operator : SY/MD
 Sample : L2897-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H5

Quant Time: Jun 10 05:43:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	568598	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	555336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	267319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154769	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.44%
7) Chloroethane-d5	1.93	69	131227	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.50%
11) 1,1-Dichloroethene-d2	2.59	63	248511	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	4.66	46	337322	109.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.15%
24) Chloroform-d	5.10	84	346496	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
26) 1,2-Dichloroethane-d4	5.74	65	236614	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
32) Benzene-d6	5.76	84	696289	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.72	67	217396	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.46%
41) Toluene-d8	7.92	98	605649	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.20	79	101778	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.65	63	251940	114.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.81%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	323481	52.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	251856	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%

Target Compounds

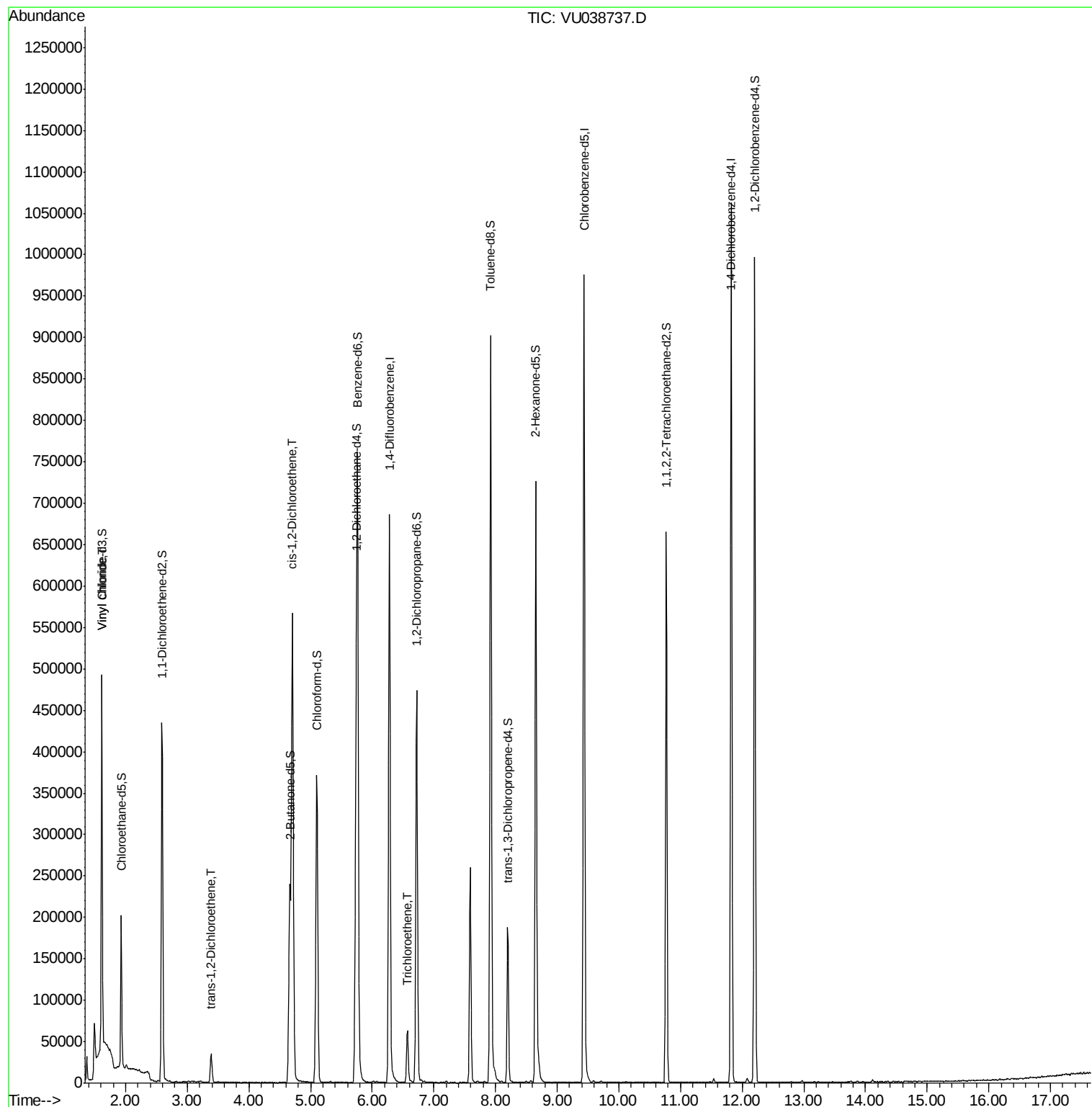
					Ovalue
5) Vinyl chloride	1.62	62	159043	34.962 ug/L	# 65
17) trans-1,2-Dichloroethene	3.39	96	14133	3.589 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	284240	65.289 ug/L	97
34) Trichloroethene	6.57	95	18848	4.494 ug/L	93

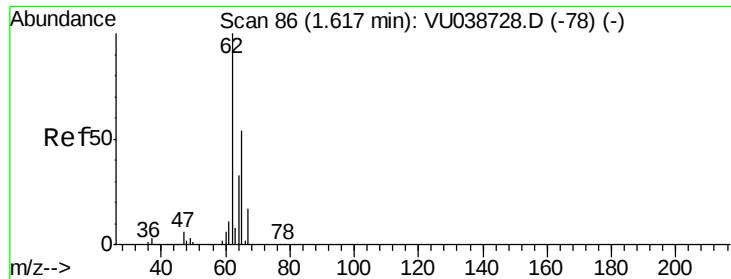
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.962 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038737.D

Acq: 09 Jun 2020 20:59

Instrument :

MSVOA_U

ClientSampled :

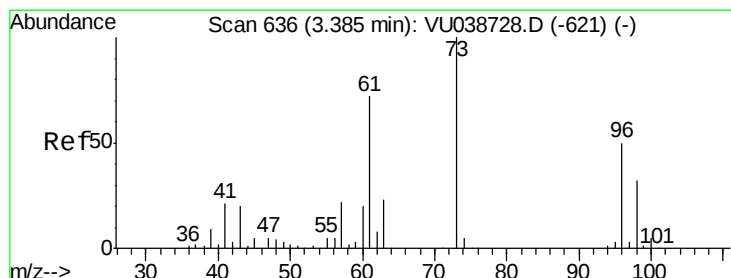
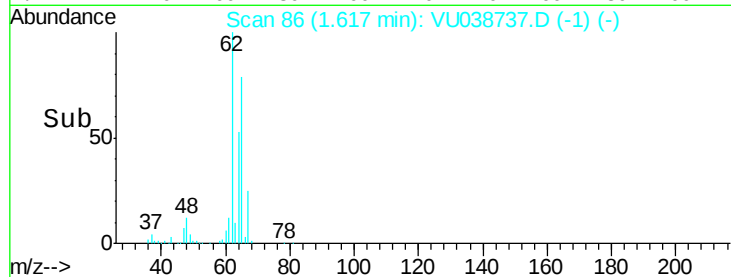
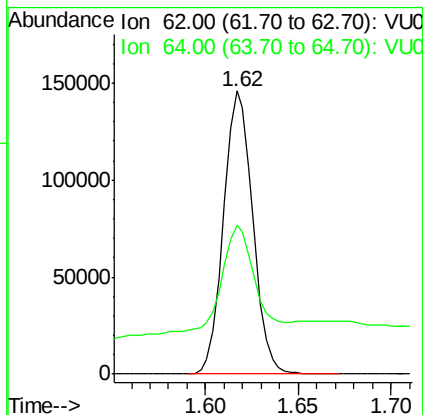
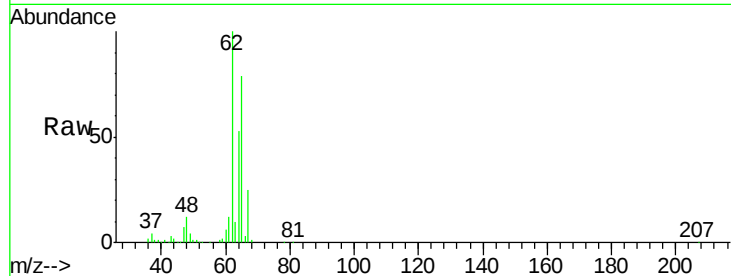
EW0H5

Tot Ion: 62 Resp: 159043

Ion Ratio Lower Upper

62 100

64 52.7 23.0 42.8#



#17

trans-1,2-Dichloroethene

Concen: 3.589 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

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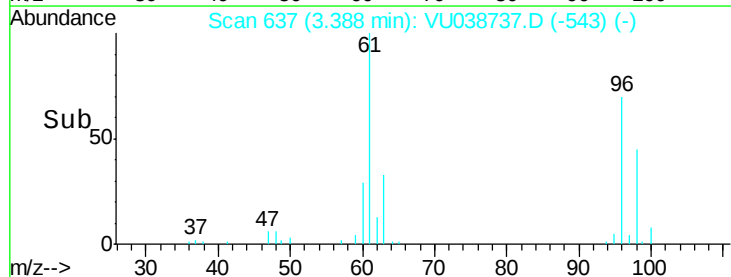
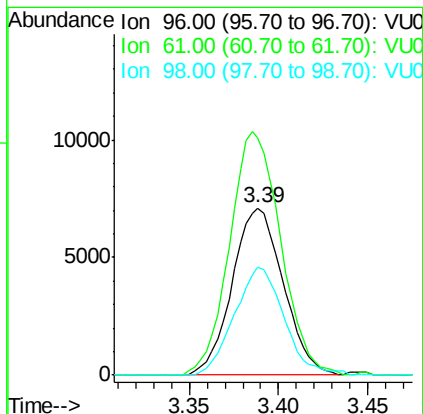
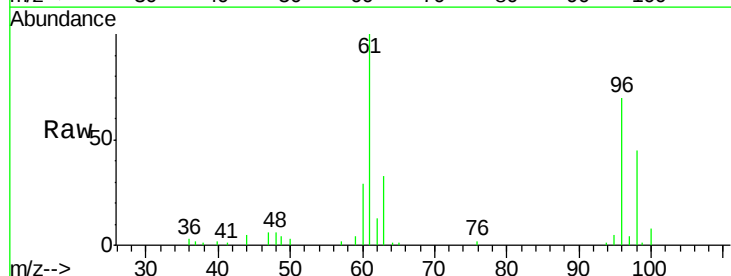
Tgt Ion: 96 Resp: 14133

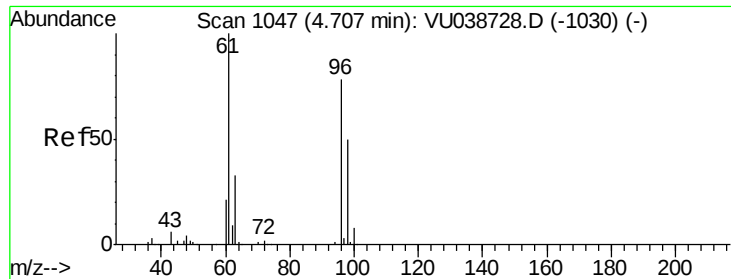
Ion Ratio Lower Upper

96 100

61 142.1 98.2 182.4

98 64.5 44.3 82.3

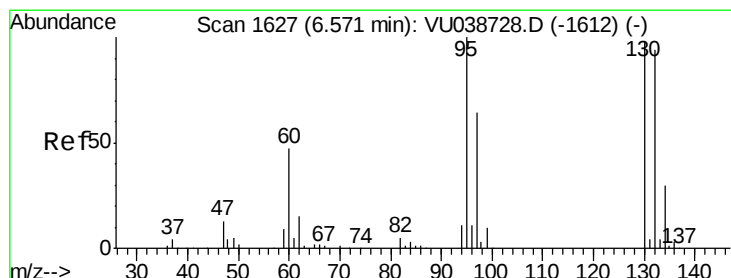
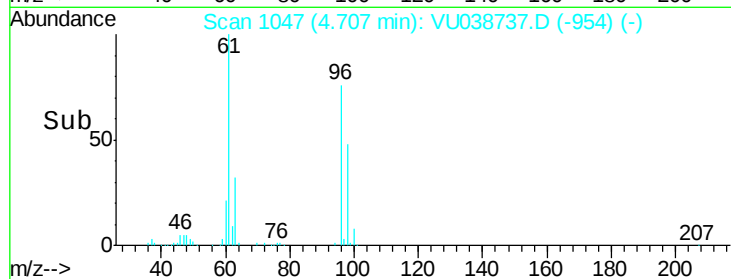
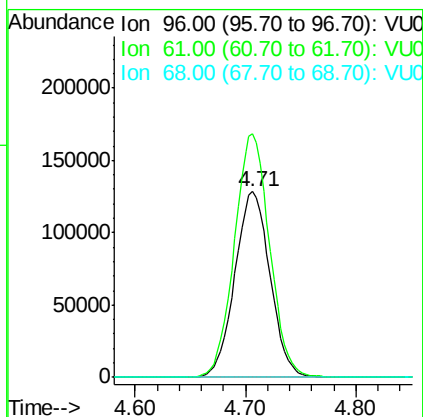
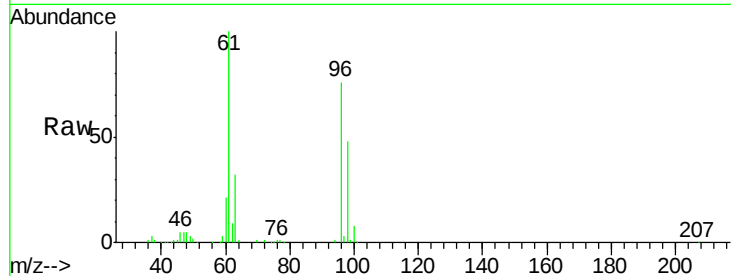




#20
 cis-1,2-Dichloroethene
 Concen: 65.289 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038737.D
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 EW0H5

Tot Ion: 96 Resp: 284240
 Ion Ratio Lower Upper
 96 100
 61 131.2 89.5 166.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 4.494 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038737.D
 Acq: 09 Jun 2020 20:59

Tgt Ion: 95 Resp: 18848
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.4 82.4
 132 103.1 64.9 120.5
 130 104.3 68.6 127.4

