

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038751.D
 Acq On : 10 Jun 2020 02:08
 Operator : SY/MD
 Sample : L2897-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M5

Quant Time: Jun 10 05:13:51 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	537777	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	527263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	243887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139165	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.93	69	124356	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.70%
11) 1,1-Dichloroethene-d2	2.59	63	234386	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	4.66	46	318468	108.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.95%
24) Chloroform-d	5.10	84	338346	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
26) 1,2-Dichloroethane-d4	5.74	65	232296	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.20%
32) Benzene-d6	5.76	84	670007	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.72	67	208801	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.68%
41) Toluene-d8	7.92	98	577426	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%
43) trans-1,3-Dichloropropene-	8.20	79	96817	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.26%
47) 2-Hexanone-d5	8.65	63	226545	108.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	310882	53.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.48%
64) 1,2-Dichlorobenzene-d4	12.20	152	241528	57.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.08%

Target Compounds

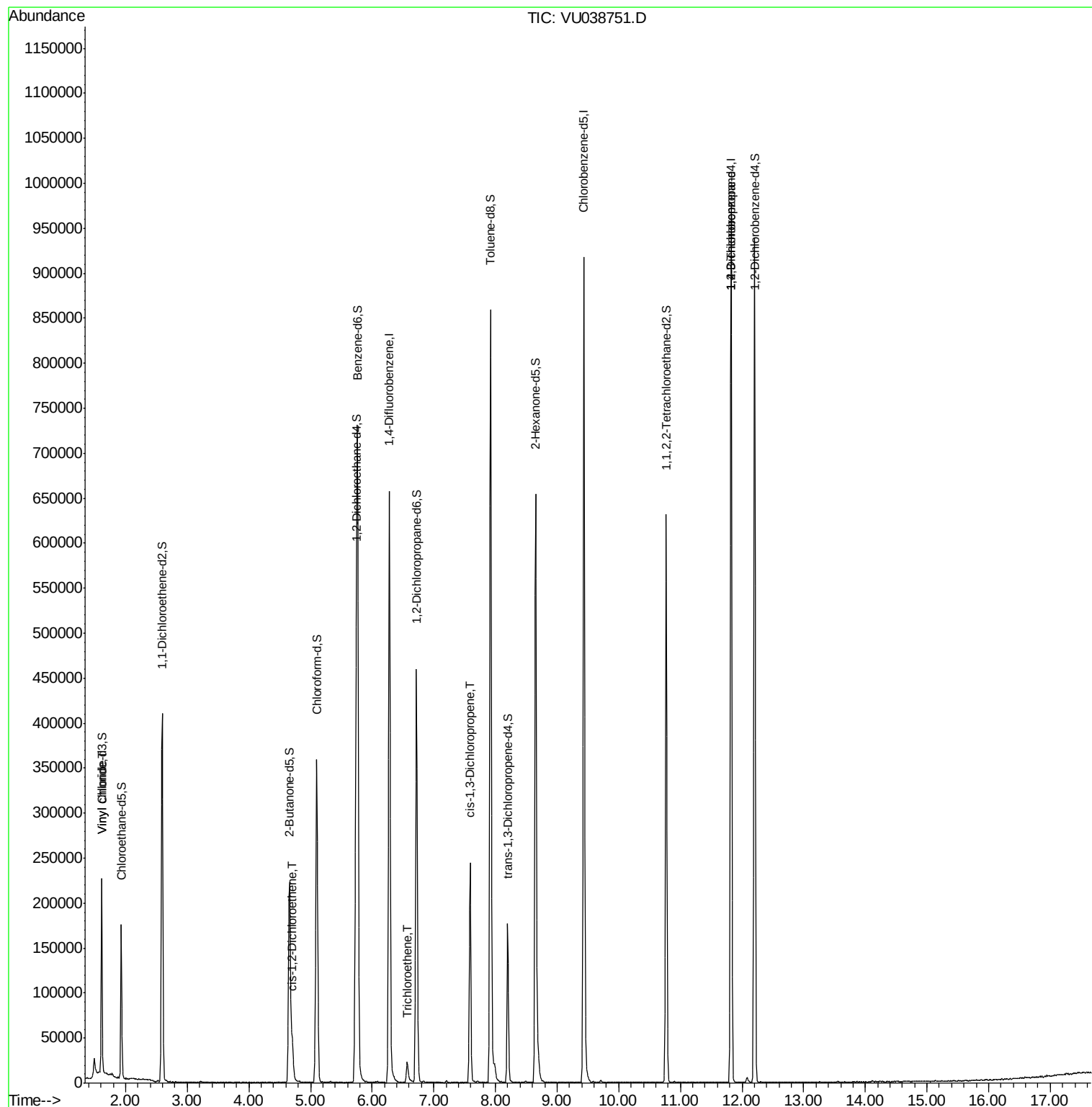
					Ovalue
5) Vinyl chloride	1.62	62	6036	1.403 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	18430	4.476 ug/L	98
34) Trichloroethene	6.57	95	4676	1.174 ug/L	94
39) cis-1,3-Dichloropropene	7.59	75	5703	0.906 ug/L #	63
59) 1,2,3-Trichloropropane	11.82	75	30390	5.312 ug/L #	85

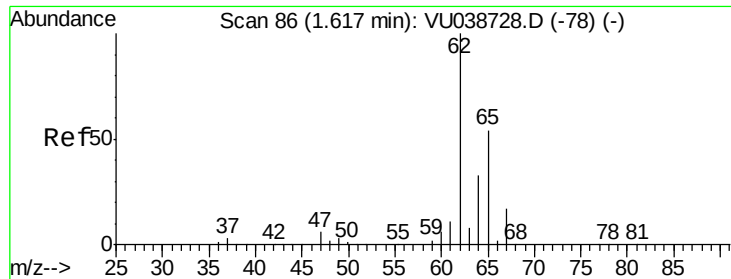
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.403 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038751.D

Acq: 10 Jun 2020 02:08

Instrument :

MSVOA_U

ClientSampleId :

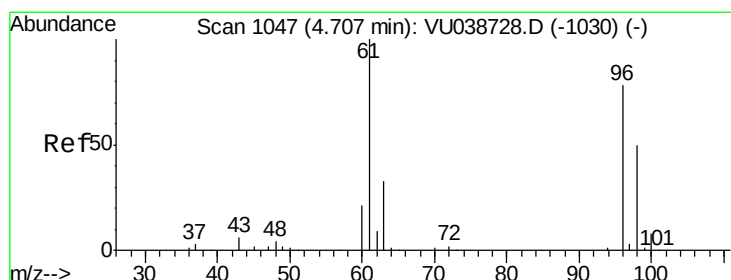
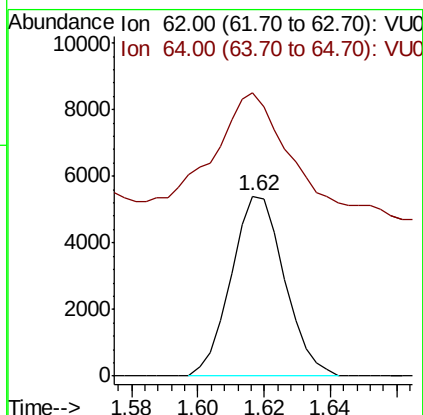
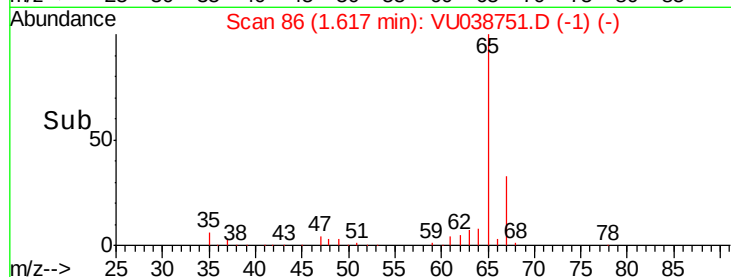
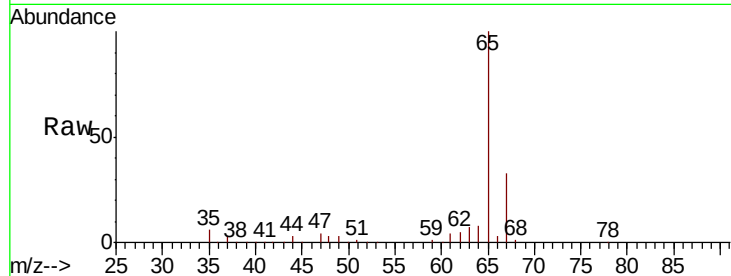
EW0M5

Tot Ion: 62 Resp: 6036

Ion Ratio Lower Upper

62 100

64 157.5 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 4.476 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038751.D

Acq: 10 Jun 2020 02:08

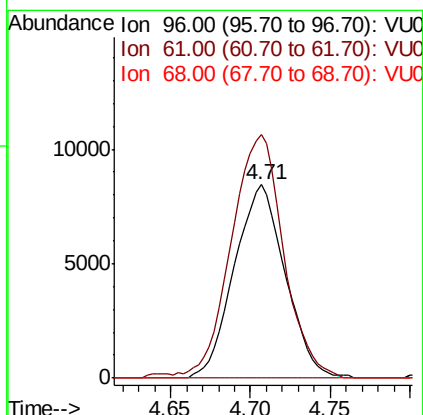
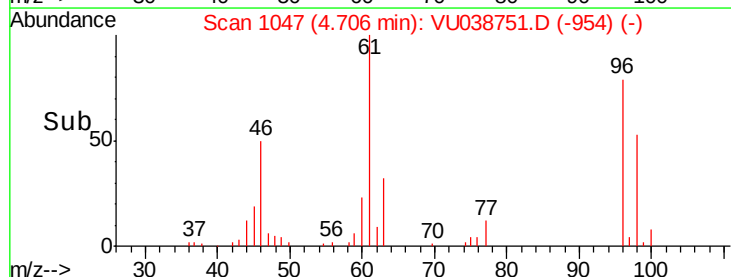
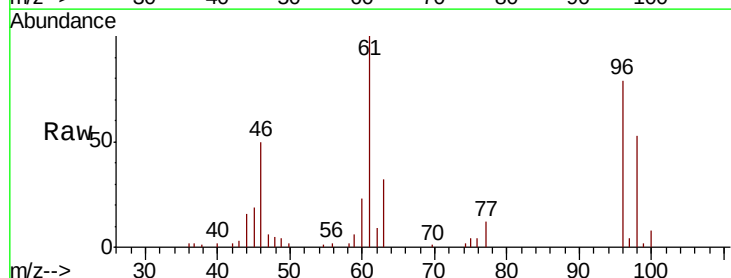
Tgt Ion: 96 Resp: 18430

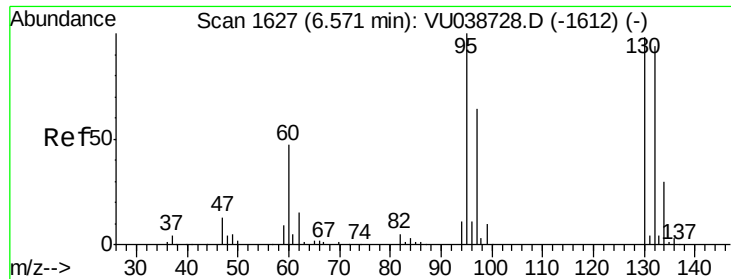
Ion Ratio Lower Upper

96 100

61 125.9 89.5 166.1

68 0.0 0.0 0.0

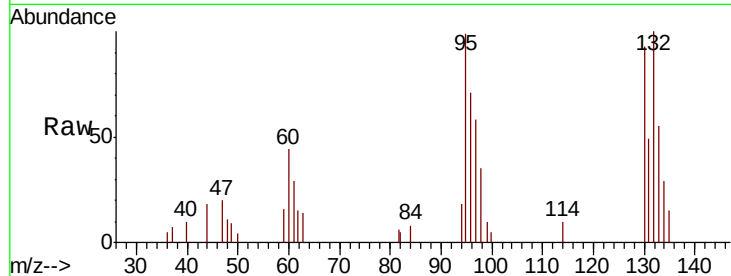




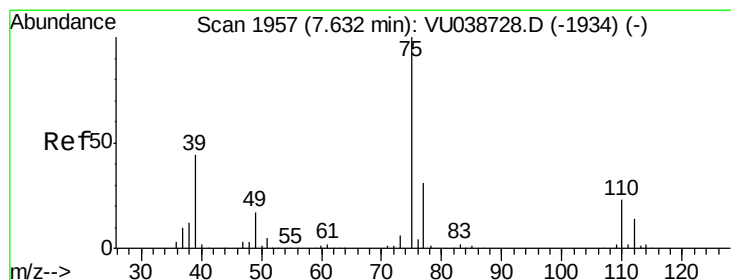
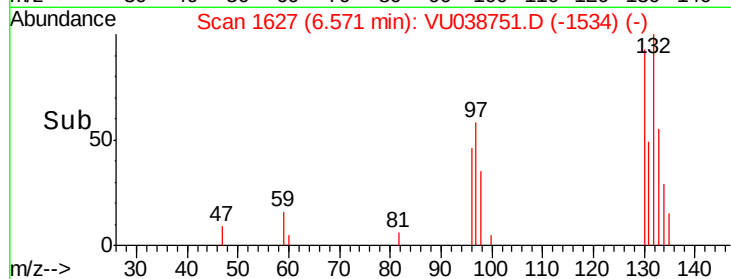
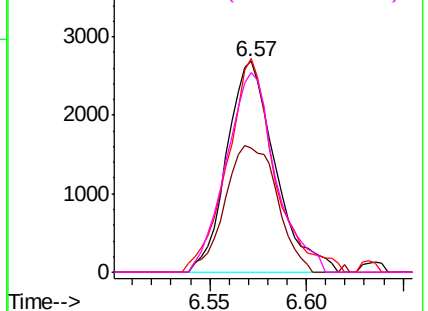
#34
 Trichloroethene
 Concen: 1.174 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038751.D
 Acq: 10 Jun 2020 02:08

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M5

Tot Ion: 95 Resp: 4676
 Ion Ratio Lower Upper
 95 100
 97 58.8 44.4 82.4
 132 101.3 64.9 120.5
 130 94.5 68.6 127.4

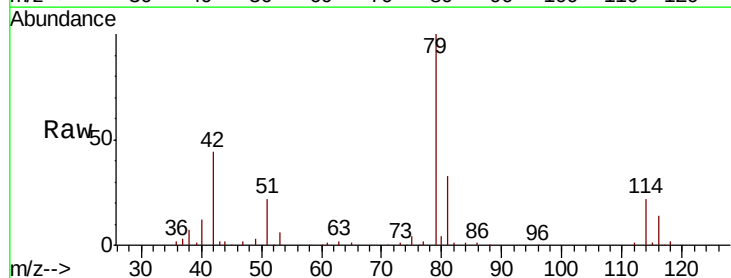


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

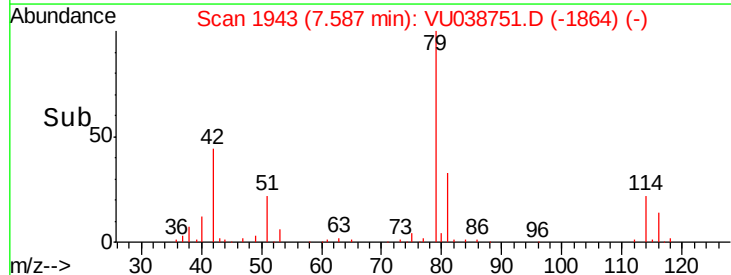
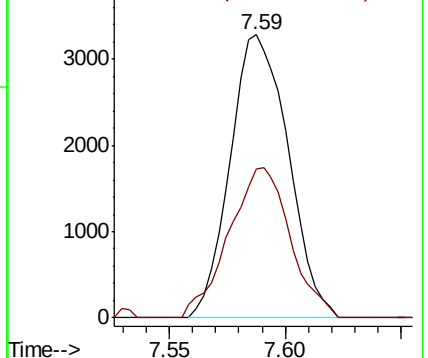


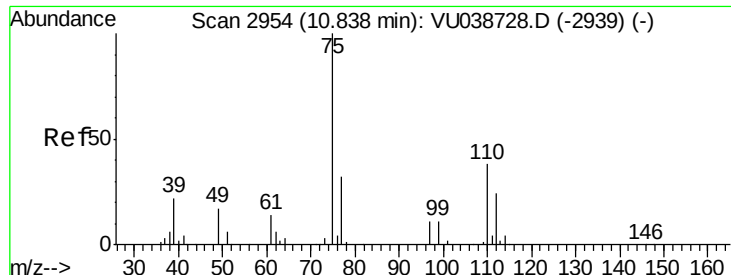
#39
 cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038751.D
 Acq: 10 Jun 2020 02:08

Tgt Ion: 75 Resp: 5703
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.312 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038751.D

Acq: 10 Jun 2020 02:08

Instrument :

MSVOA_U

ClientSampleId :

EW0M5

Tot Ion: 75 Resp: 30390

Ion Ratio Lower Upper

75 100

77 39.6 25.3 37.9#

