

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038361.D
 Acq On : 28 May 2020 21:03
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:35:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	577348	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	558271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	262190	50.00	ug/L	0.00

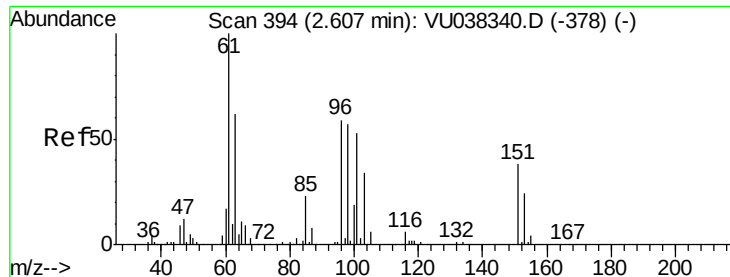
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	203874	56.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.50%
7) Chloroethane-d5	1.93	69	164575	58.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.54%
11) 1,1-Dichloroethene-d2	2.59	63	301172	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.32%
21) 2-Butanone-d5	4.66	46	412473	119.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.78%
24) Chloroform-d	5.10	84	388460	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.16%
26) 1,2-Dichloroethane-d4	5.74	65	270592	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
32) Benzene-d6	5.76	84	811792	55.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.92%
36) 1,2-Dichloropropane-d6	6.72	67	250187	55.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.28%
41) Toluene-d8	7.92	98	694056	54.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.26%
43) trans-1,3-Dichloropropene-	8.20	79	120084	53.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.28%
47) 2-Hexanone-d5	8.65	63	295558	124.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	354572	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	12.20	152	268513	55.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.50%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2706	0.763 ug/L #	20
20) cis-1,2-Dichloroethene	4.71	96	3903	0.948 ug/L	79
34) Trichloroethene	6.57	95	6127	1.527 ug/L	96
37) 1,2-Dichloropropane	6.72	63	27632	6.795 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	7302	1.128 ug/L #	69
48) 2-Hexanone	8.71	43	17390	3.185 ug/L #	85
69) Naphthalene	14.11	128	33238	1.774 ug/L	98

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



#10

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

Concen: 0.763 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038361.D

Acq: 28 May 2020 21:03

Instrument :

MSVOA_U

ClientSampled :

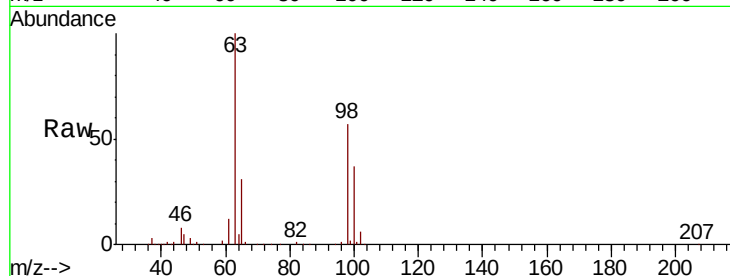
Tot Ion:101 Resp: 2706

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

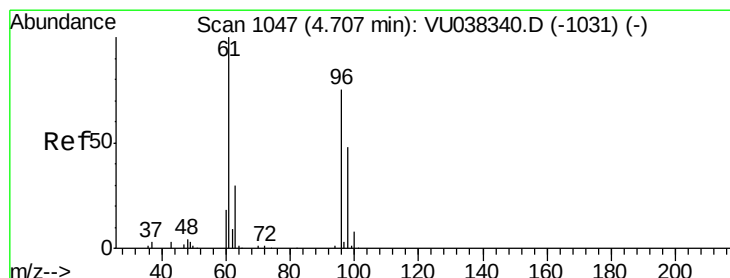
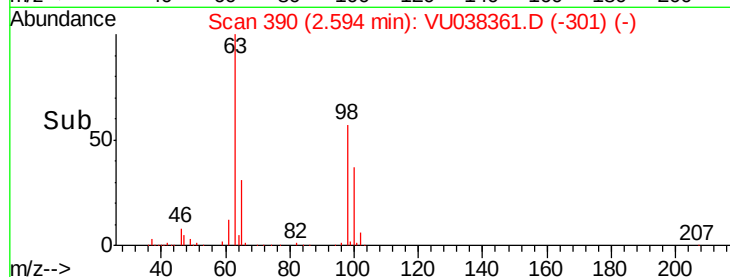
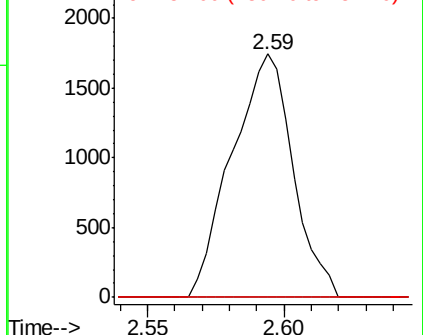
151 0.0 58.4 87.6#



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



#20

cis-1,2-Dichloroethene

Concen: 0.948 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038361.D

Acq: 28 May 2020 21:03

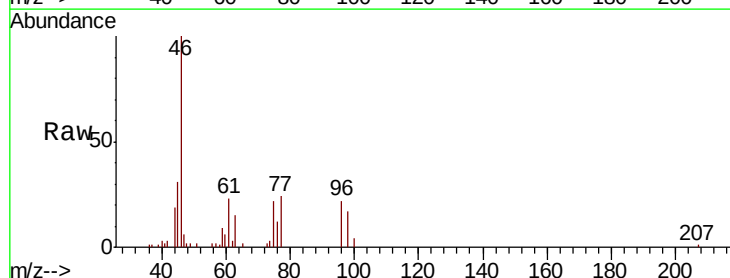
Tgt Ion: 96 Resp: 3903

Ion Ratio Lower Upper

96 100

61 108.4 93.4 173.4

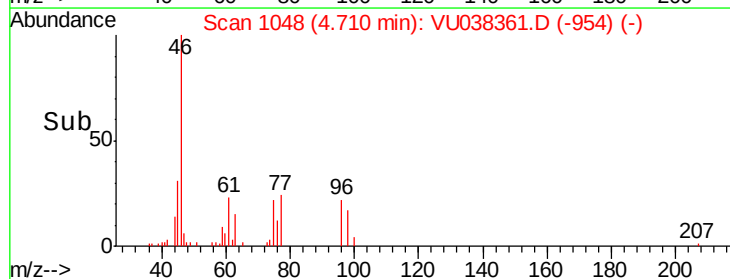
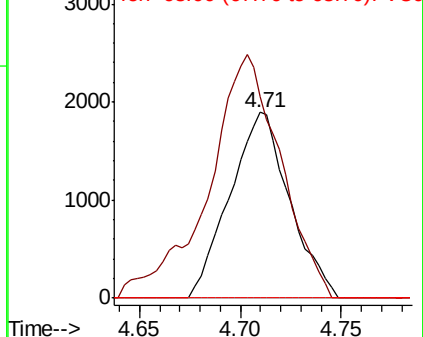
68 0.0 0.0 0.0

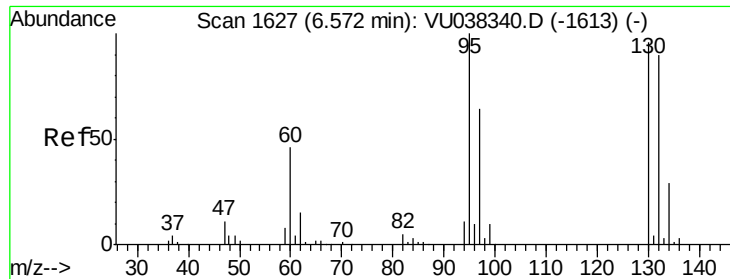


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 1.527 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038361.D

Acq: 28 May 2020 21:03

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 6127

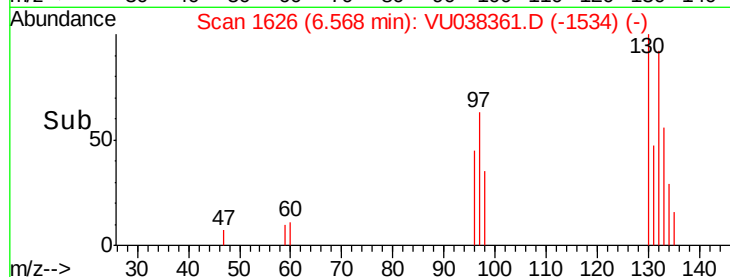
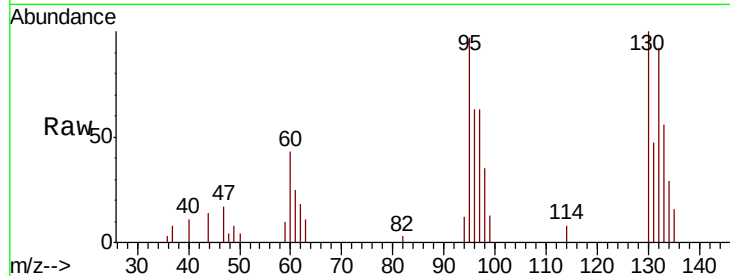
Ion Ratio Lower Upper

95 100

97 65.1 44.3 82.3

132 94.9 64.7 120.1

130 103.4 68.5 127.1



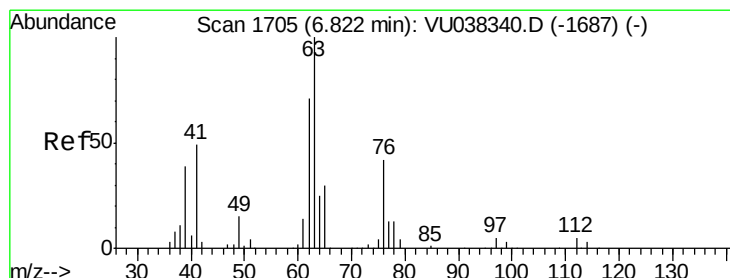
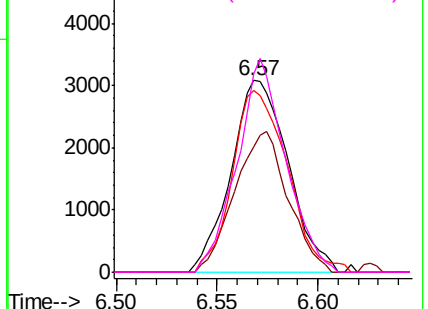
Abundance

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



#37

1,2-Dichloropropane

Concen: 6.795 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038361.D

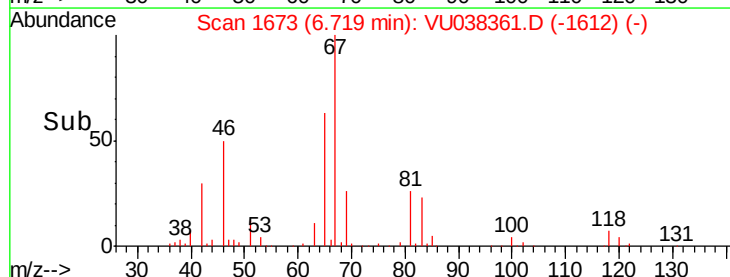
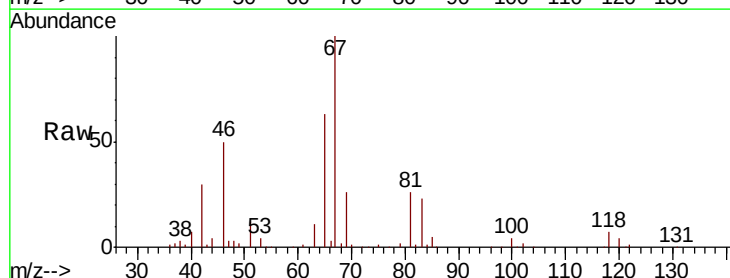
Acq: 28 May 2020 21:03

Tgt Ion: 63 Resp: 27632

Ion Ratio Lower Upper

63 100

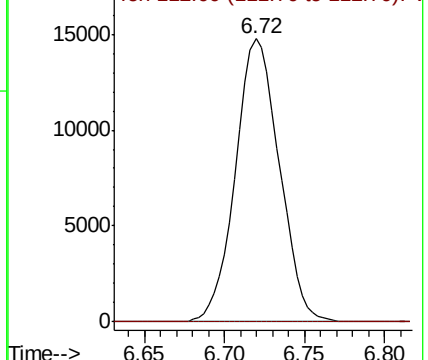
112 0.0 3.6 5.4#

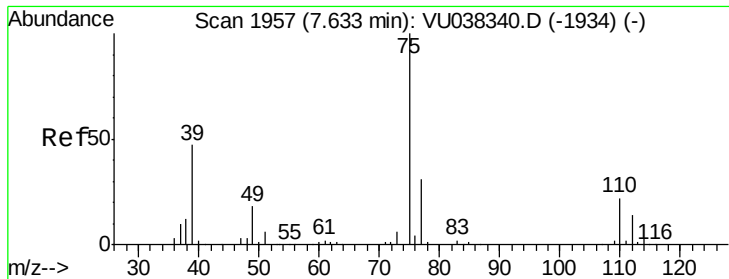


Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

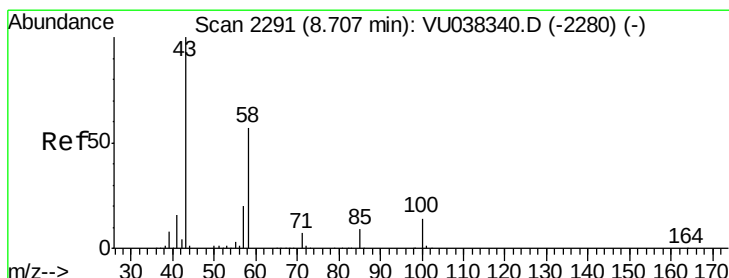
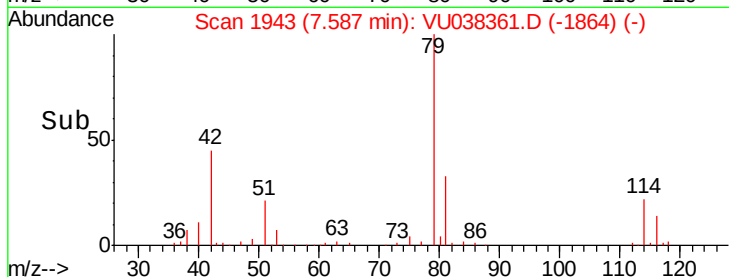
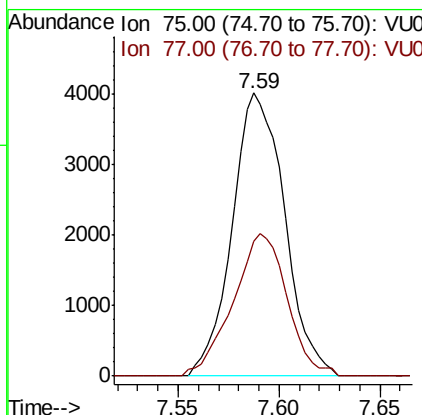
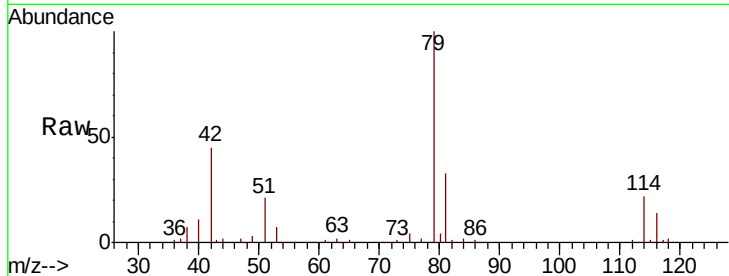




#39
 cis-1,3-Dichloropropene
 Concen: 1.128 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038361.D
 Acq: 28 May 2020 21:03

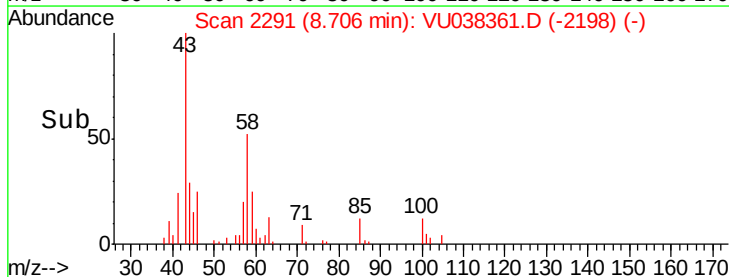
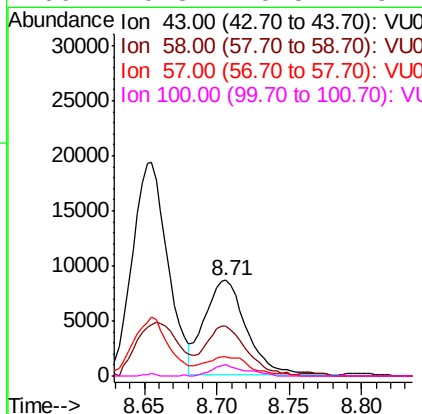
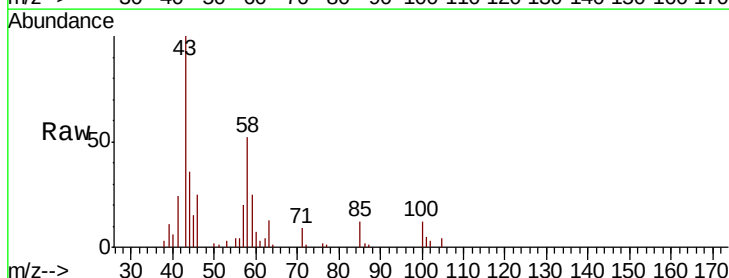
Instrument :
 MSVOA_U
 ClientSampled :

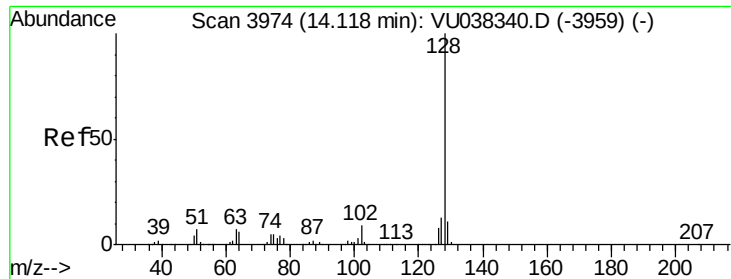
Tot Ion: 75 Resp: 7302
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.6 40.0#



#48
 2-Hexanone
 Concen: 3.185 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038361.D
 Acq: 28 May 2020 21:03

Tgt Ion: 43 Resp: 17390
 Ion Ratio Lower Upper
 43 100
 58 49.3 45.5 68.3
 57 5.6 16.3 24.5#
 100 9.3 10.5 15.7#





#69

Naphthalene

Concen: 1.774 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038361.D

Acq: 28 May 2020 21:03

Instrument :

MSVOA_U

ClientSampleId :

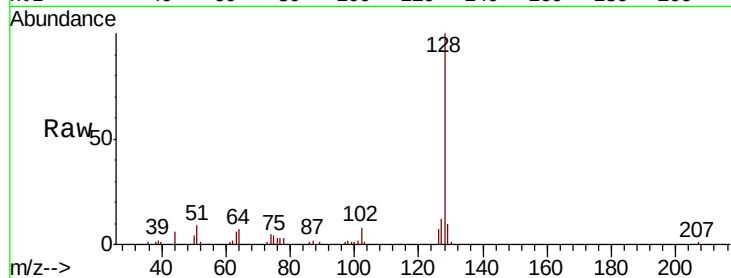
Tot Ion:128 Resp: 33238

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

