

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038109.D
 Acq On : 11 May 2020 16:20
 Operator : JC/MD
 Sample : L2578-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF1DL

Manual Integrations
 APPROVED

sam
 5/12/2020 3:21:59 PM

Quant Time: May 12 03:10:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 12 01:10:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	787394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	758137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	363981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	215127	31.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.12%
7) Chloroethane-d5	1.93	69	207574	36.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.68%
11) 1,1-Dichloroethene-d2	2.59	63	297728	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.56%#
21) 2-Butanone-d5	4.66	46	508553	93.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.95%
24) Chloroform-d	5.10	84	416480	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
26) 1,2-Dichloroethane-d4	5.74	65	295410	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.30%
32) Benzene-d6	5.76	84	885504	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
36) 1,2-Dichloropropane-d6	6.72	67	305177	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.38%
41) Toluene-d8	7.92	98	784814	38.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.58%#
43) trans-1,3-Dichloropropene-	8.20	79	134453	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.65	63	338882	105.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.17%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	443917	41.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.16%
64) 1,2-Dichlorobenzene-d4	12.20	152	306542	40.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.56%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	13014m	2.524	ug/L
19) 1,1-Dichloroethane	3.91	63	210924	19.017	ug/L
30) 1,1,1-Trichloroethane	5.35	97	537680	63.803	ug/L #

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

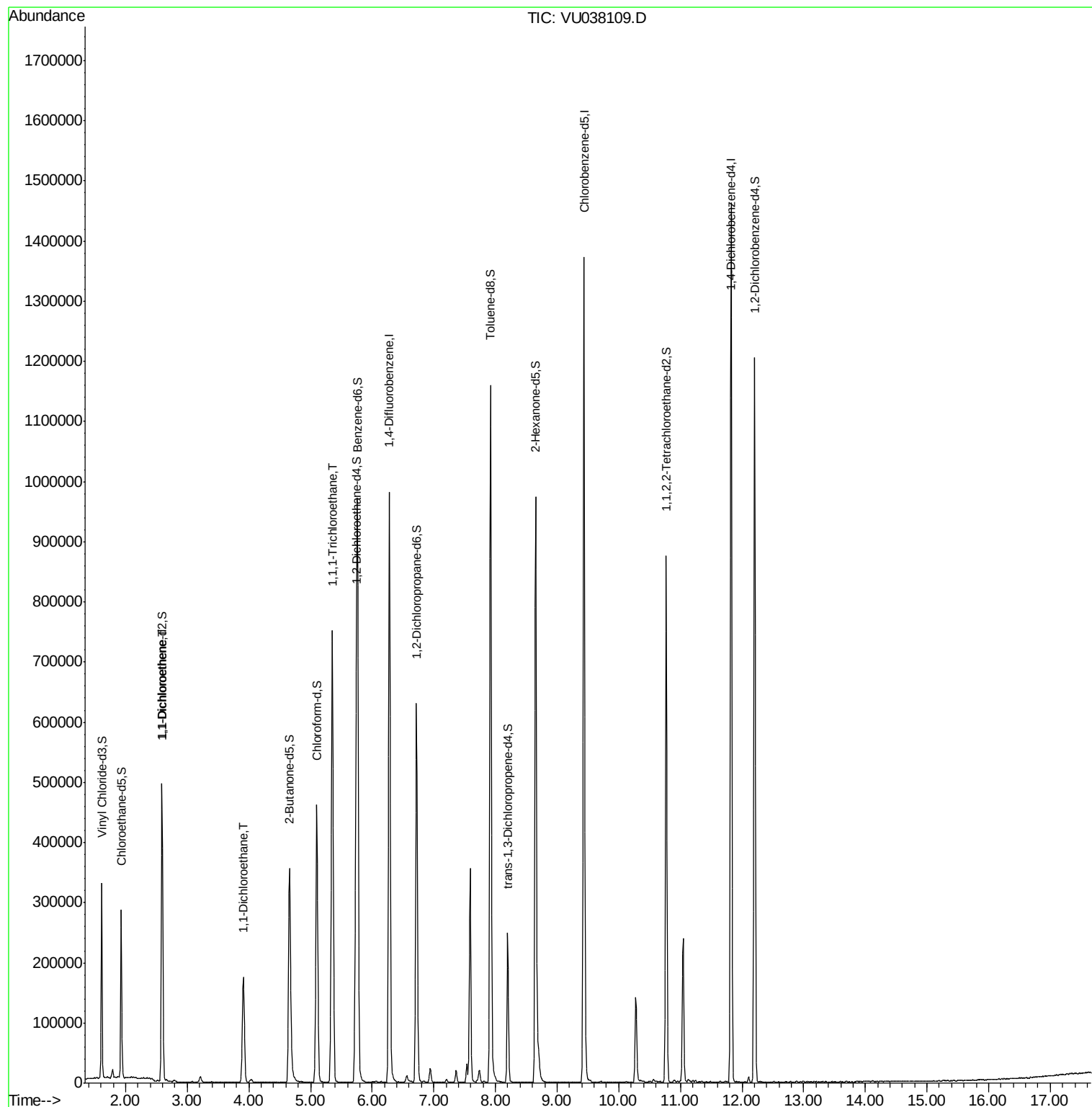
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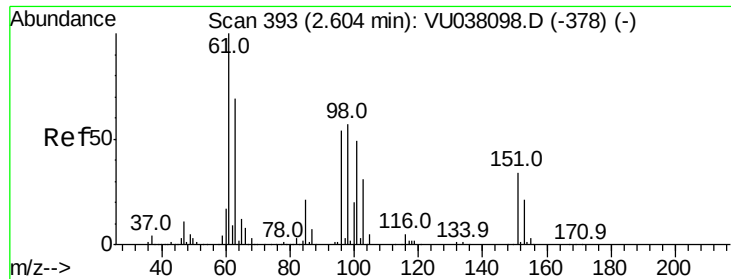
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Quant Title : VOC Analysis
QLast Update : Tue May 12 01:10:23 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.524 ug/L m

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038109.D

Acq: 11 May 2020 16:20

Instrument :

MSVOA_U

ClientSampleID :

BFSF1DL

Tot Ion: 96 Resp: 13014

Ion Ratio Lower Upper

96 100

61 311.5 126.1 234.3#

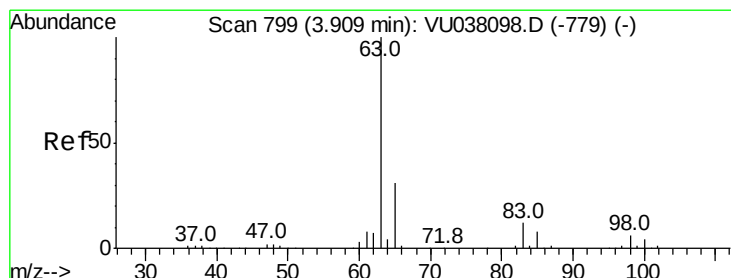
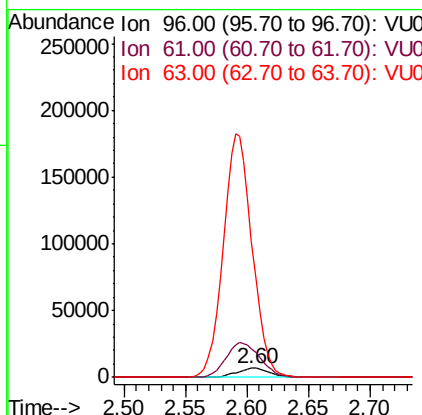
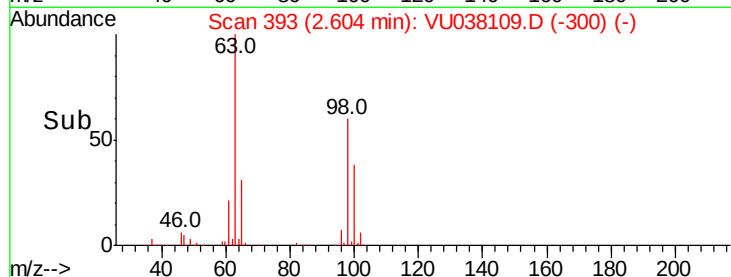
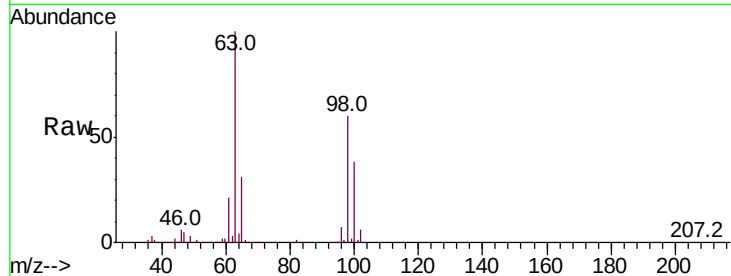
63 1480.1 83.4 154.8

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 19.017 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038109.D

Acq: 11 May 2020 16:20

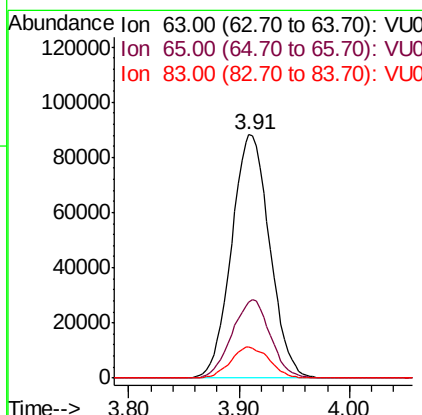
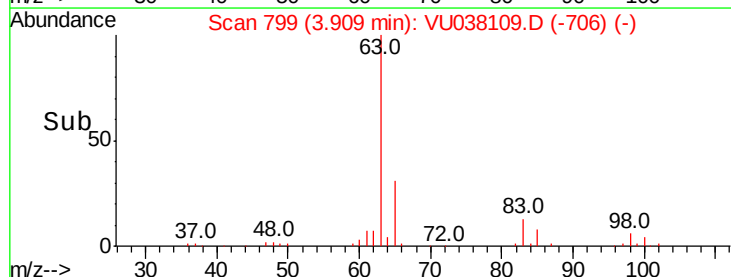
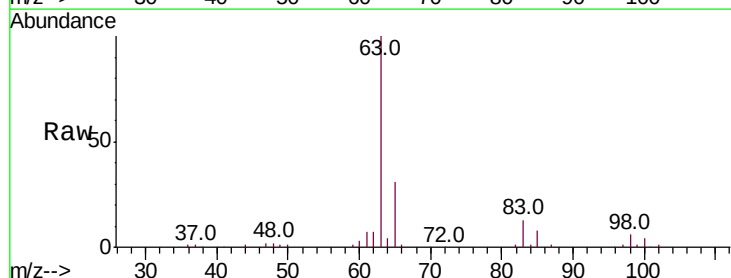
Tgt Ion: 63 Resp: 210924

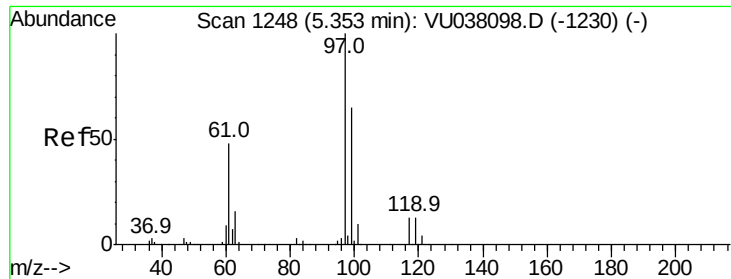
Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

83 12.9 8.5 15.7





#30
 1,1,1-Trichloroethane
 Concen: 63.803 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU038109.D
 Acq: 11 May 2020 16:20

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Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.5	75.7#
61	47.9	38.8	58.2

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