

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051120\
 Data File : VU038108.D
 Acq On : 11 May 2020 15:58
 Operator : JC/MD
 Sample : L2578-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSE9DL

Manual Integrations
 APPROVED

sam
 5/12/2020 3:21:54 PM

Quant Time: May 12 02:58:01 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	740167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	713448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	342696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	213732	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.66%
7) Chloroethane-d5	1.93	69	205022	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.42%
11) 1,1-Dichloroethene-d2	2.59	63	295033	27.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.40%#
21) 2-Butanone-d5	4.66	46	493443	96.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.97%
24) Chloroform-d	5.10	84	406305	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.74	65	292191	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
32) Benzene-d6	5.76	84	869485	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
36) 1,2-Dichloropropane-d6	6.72	67	296069	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	7.92	98	767347	39.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.56%#
43) trans-1,3-Dichloropropene-	8.20	79	131120	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
47) 2-Hexanone-d5	8.65	63	337239	111.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.21%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434965	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	302923	42.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.56%

Target Compounds					Ovalue	
12) 1,1-Dichloroethene	2.60	96	13001m	2.682	ug/L	
19) 1,1-Dichloroethane	3.91	63	206542	19.810	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	532186	67.106	ug/L	99

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

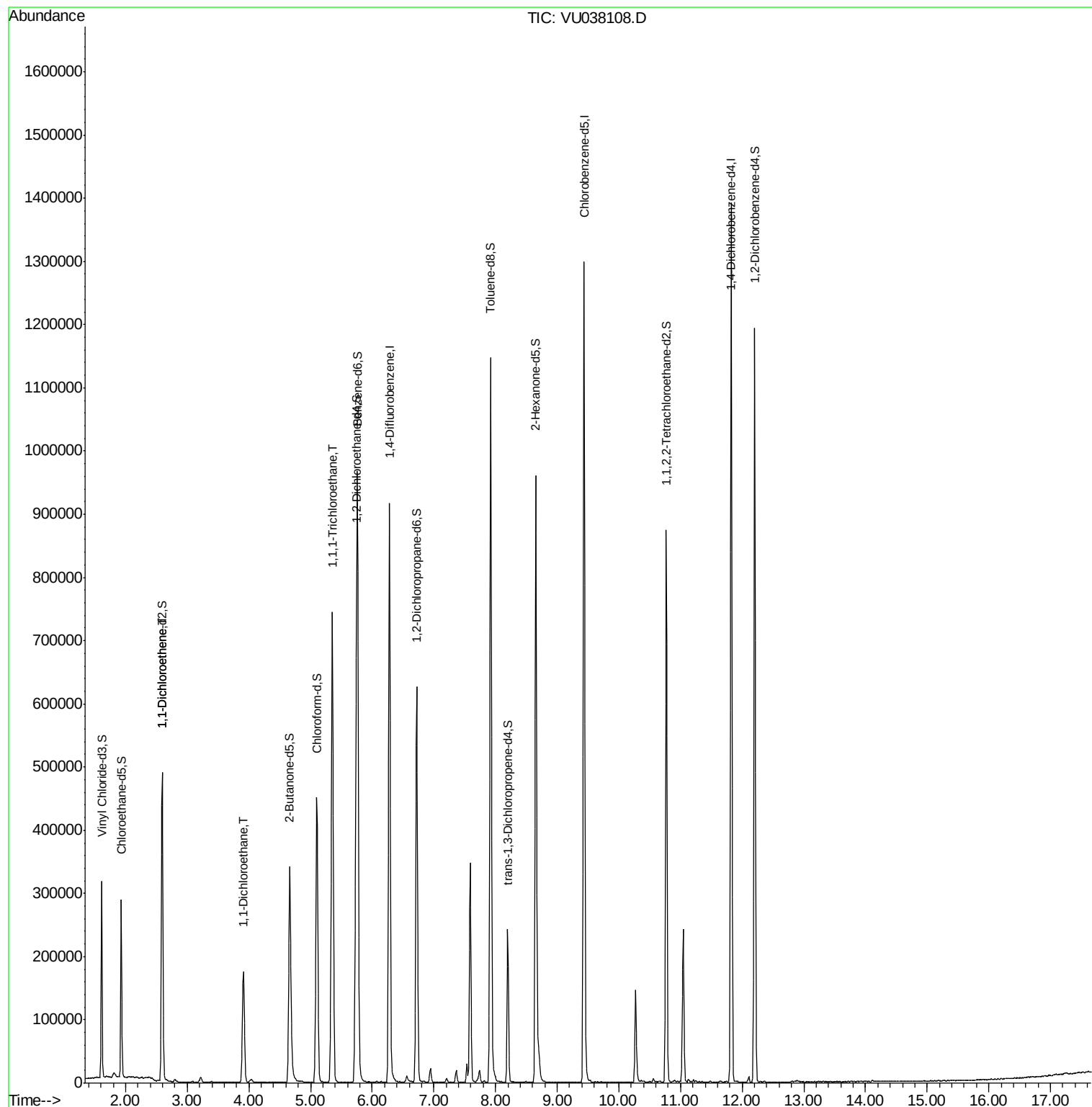
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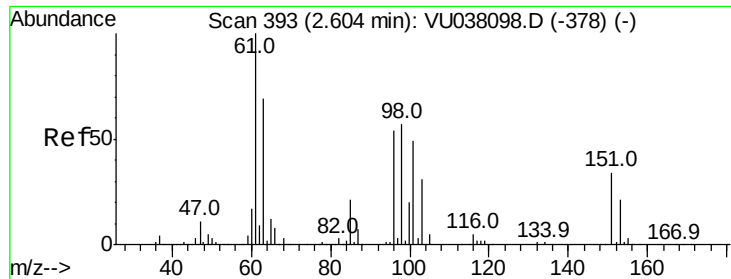
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 12 01:10:23 2020
Response via : Initial Calibration





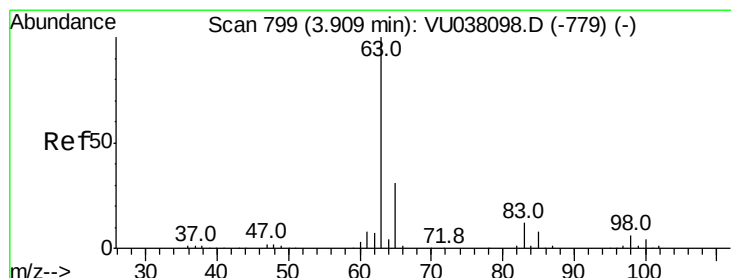
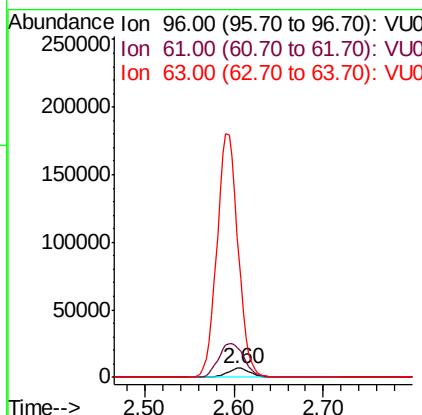
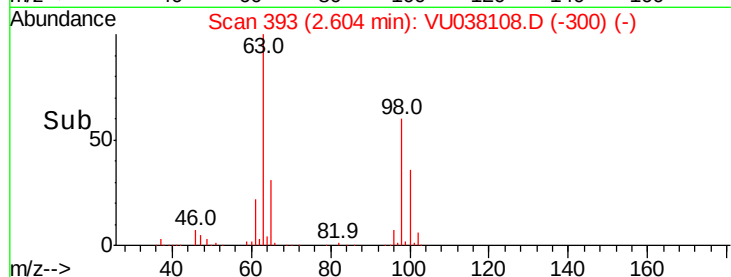
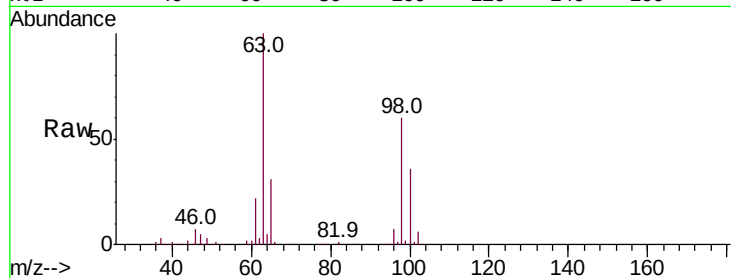
#12
 1,1-Dichloroethene
 Concen: 2.682 ug/L m
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038108.D
 Acq: 11 May 2020 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSE9DL

Tot Ion: 96 Resp: 13001
 Ion Ratio Lower Upper
 96 100
 61 326.3 126.1 234.3#
 63 1507.0 83.4 154.8

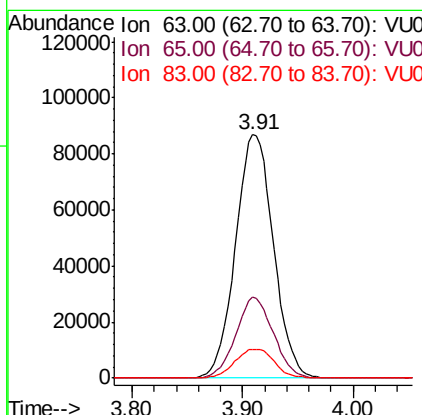
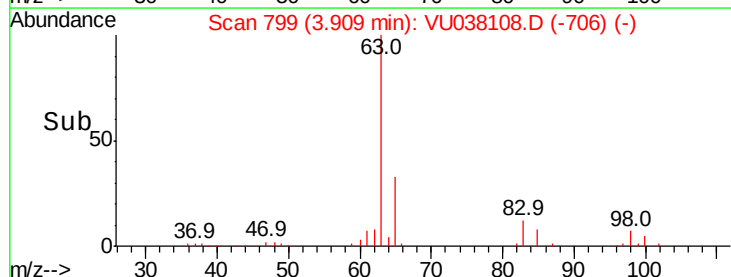
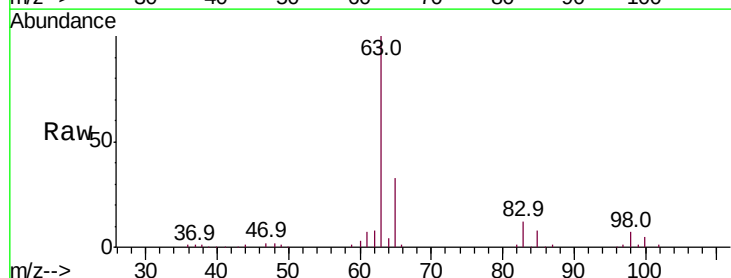
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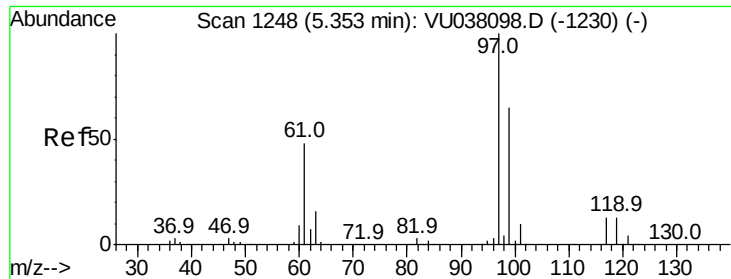
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#19
 1,1-Dichloroethane
 Concen: 19.810 ug/L
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038108.D
 Acq: 11 May 2020 15:58

Tgt Ion: 63 Resp: 206542
 Ion Ratio Lower Upper
 63 100
 65 33.1 22.5 41.7
 83 12.0 8.5 15.7





#30
 1,1,1-Trichloroethane
 Concen: 67.106 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU038108.D
 Acq: 11 May 2020 15:58

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Tot Ion:	97	Resp:	532186
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.5	75.7
61	48.4	38.8	58.2

Manual Integrations
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