

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017950.D
 Acq On : 13 Aug 2020 01:20
 Operator : SY/MD
 Sample : L3665-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L26

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 1:38:55 PM

Quant Time: Aug 13 06:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253988	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186486	96.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	192.46%#
7) Chloroethane-d5	1.58	69	71894	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.12	63	129109	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.92	46	132691	104.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	4.38	84	161379	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
26) 1,2-Dichloroethane-d4	5.06	65	111453	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.08	84	325738	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.09	67	105737	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.34	98	286209	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	46711	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.11	63	61114	84.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133110	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	115145	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	10825231	4796.638	ug/L # 70
17) trans-1,2-Dichloroethene	2.78	96	472522m	269.806	ug/L
20) cis-1,2-Dichloroethene	3.94	96	12259161	6369.820	ug/L 91
33) Benzene	5.13	78	7859	1.011	ug/L 100

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

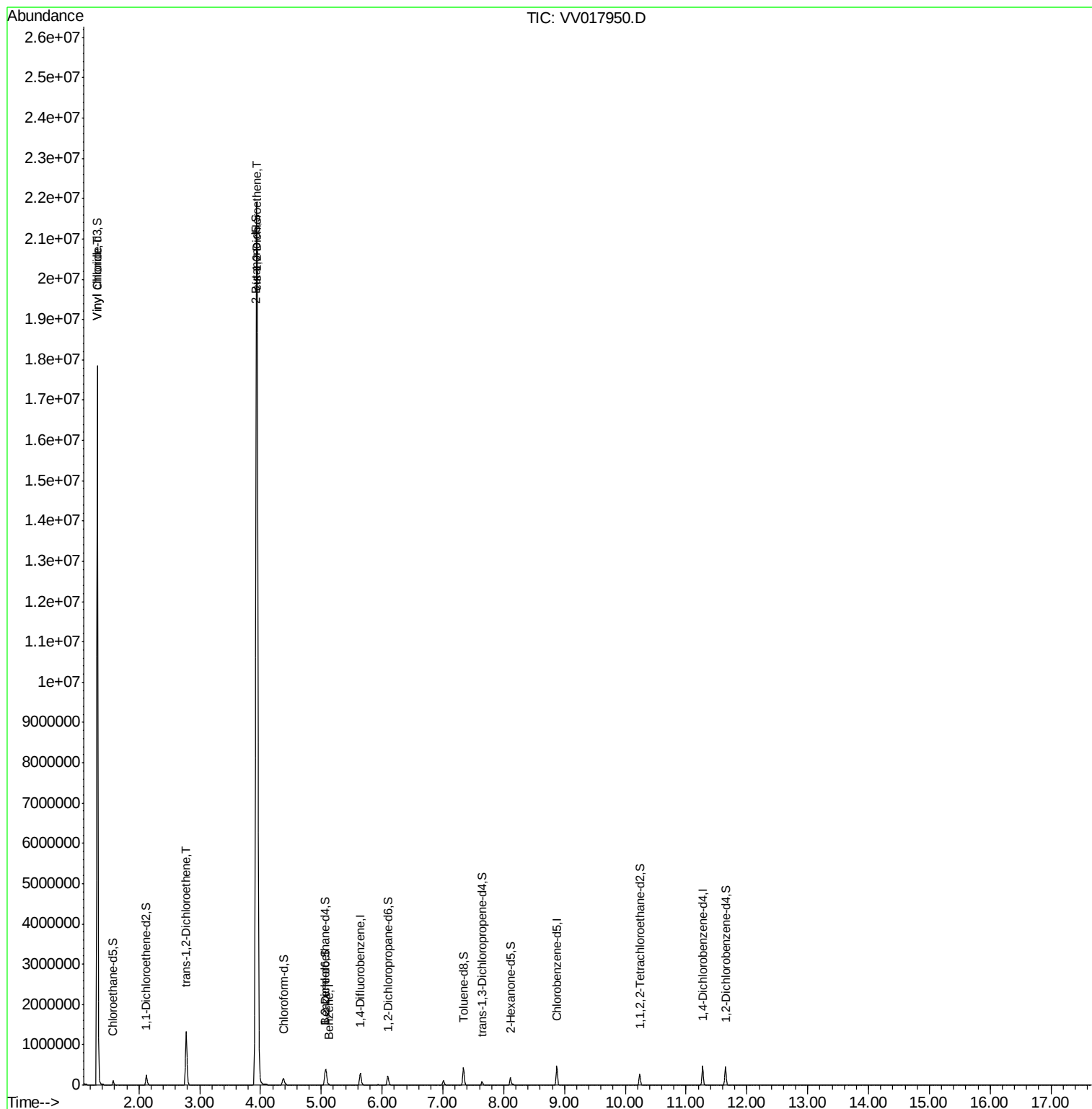
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
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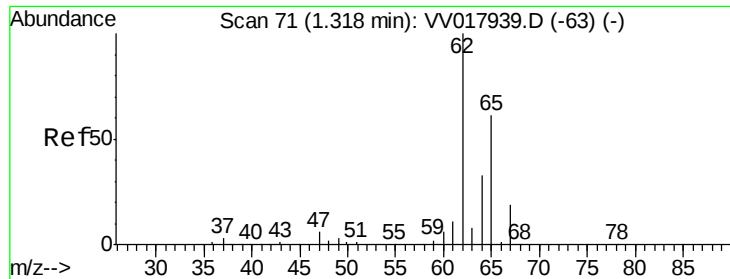
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Quant Time: Aug 13 06:43:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4796.638 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017950.D

Acq: 13 Aug 2020 01:20

Instrument :

MSVOA_V

ClientSampleId :

F4L26

Tot Ion: 62 Resp:10825231

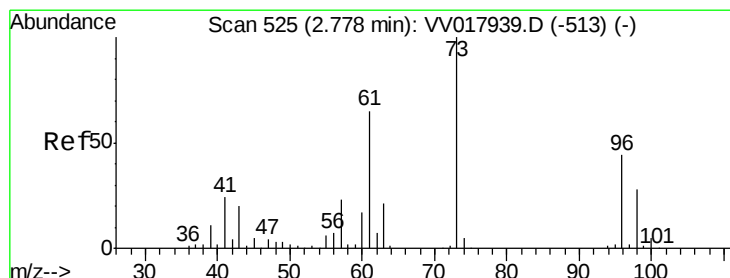
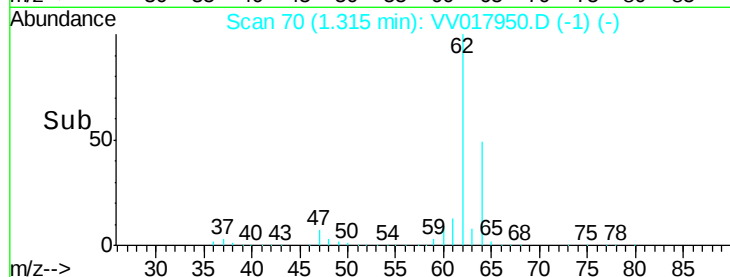
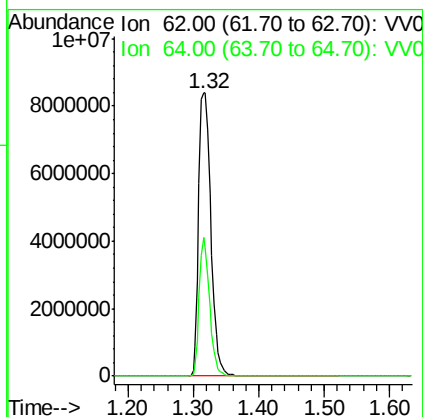
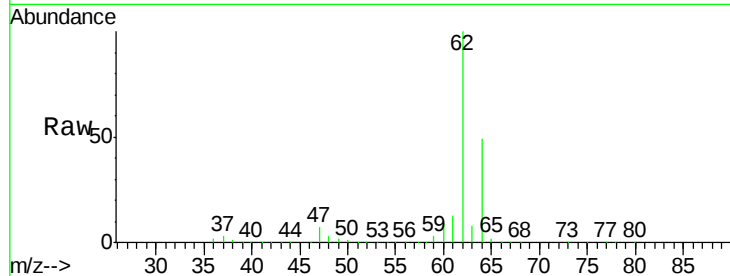
Ion Ratio Lower Upper

62 100

64 48.9 22.4 41.6#

Manual Integrations
APPROVED

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8/13/2020 1:38:55 PM



#17

trans-1,2-Dichloroethene

Concen: 269.806 ug/L m

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017950.D

Acq: 13 Aug 2020 01:20

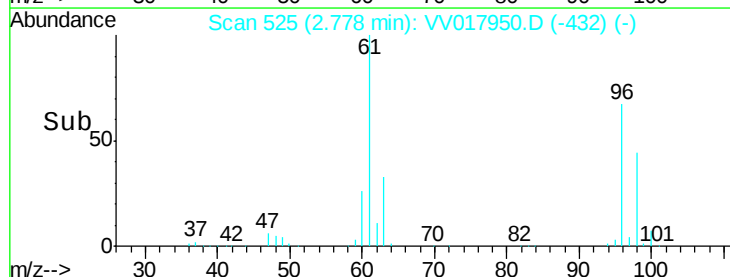
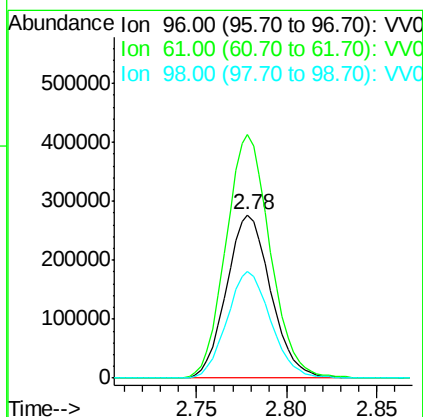
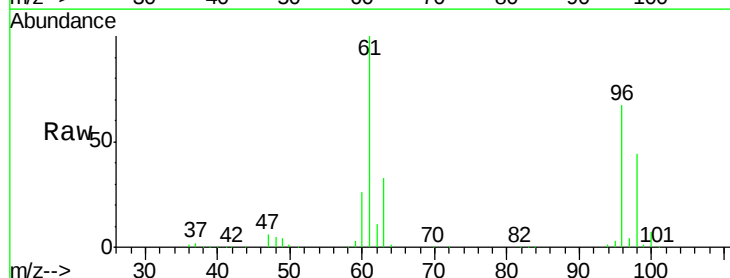
Tgt Ion: 96 Resp: 472522

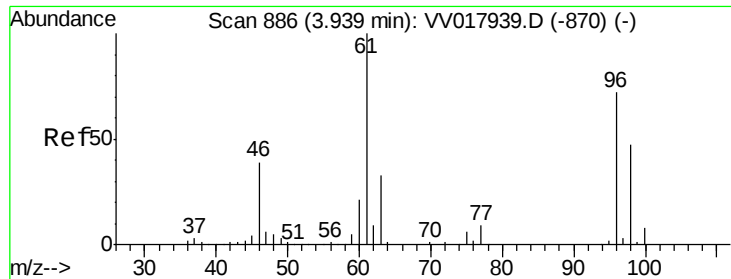
Ion Ratio Lower Upper

96 100

61 149.4 102.4 190.2

98 65.1 44.4 82.5





#20
 cis-1,2-Dichloroethene
 Concen: 6369.820 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

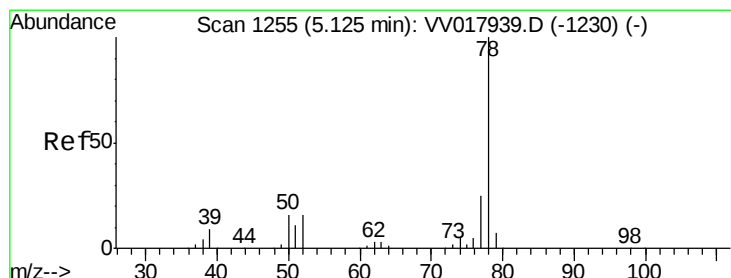
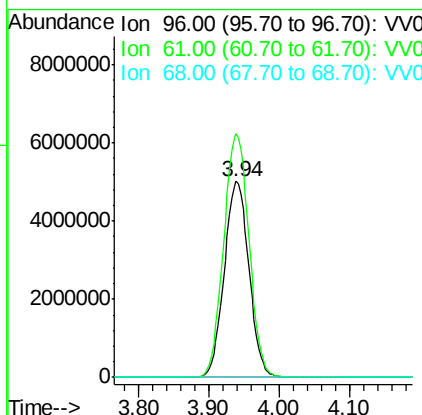
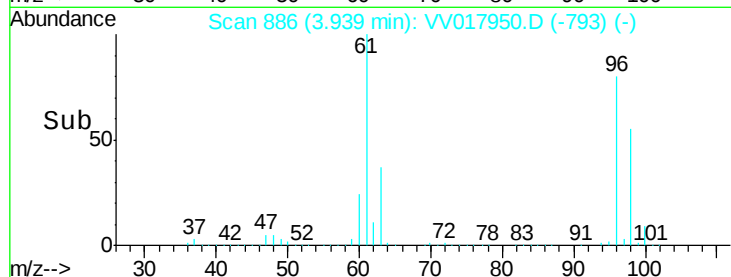
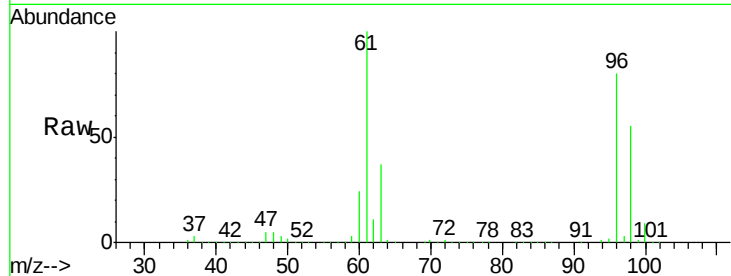
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Tot Ion: 96 Resp:12259161

Ion	Ratio	Lower	Upper
96	100		
61	124.5	95.0	176.4
68	0.0	0.0	0.0

Manual Integrations
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#33
 Benzene
 Concen: 1.011 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VV017950.D
 Acq: 13 Aug 2020 01:20

Tgt Ion: 78 Resp: 7859

