

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017839.D
 Acq On : 07 Aug 2020 14:53
 Operator : SY/MD
 Sample : L3590-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L83

Manual Integrations
 APPROVED

sam
 8/10/2020 8:29:46 AM

Quant Time: Aug 08 01:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39732	34.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.96%
7) Chloroethane-d5	1.58	69	40716	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.96%
11) 1,1-Dichloroethene-d2	2.12	63	84144	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.64%
21) 2-Butanone-d5	3.91	46	77415	90.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.63%
24) Chloroform-d	4.38	84	143431	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	112339	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.07	84	235639	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
36) 1,2-Dichloropropane-d6	6.09	67	64308	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.34%
41) Toluene-d8	7.34	98	239548	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.65	79	20267	20.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.16%#
47) 2-Hexanone-d5	8.11	63	55756	87.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100109	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	128660	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	115121	69.662 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	5244	3.317 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	30052	17.797 ug/L	92
34) Trichloroethene	5.95	95	2891m	1.645 ug/L	

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

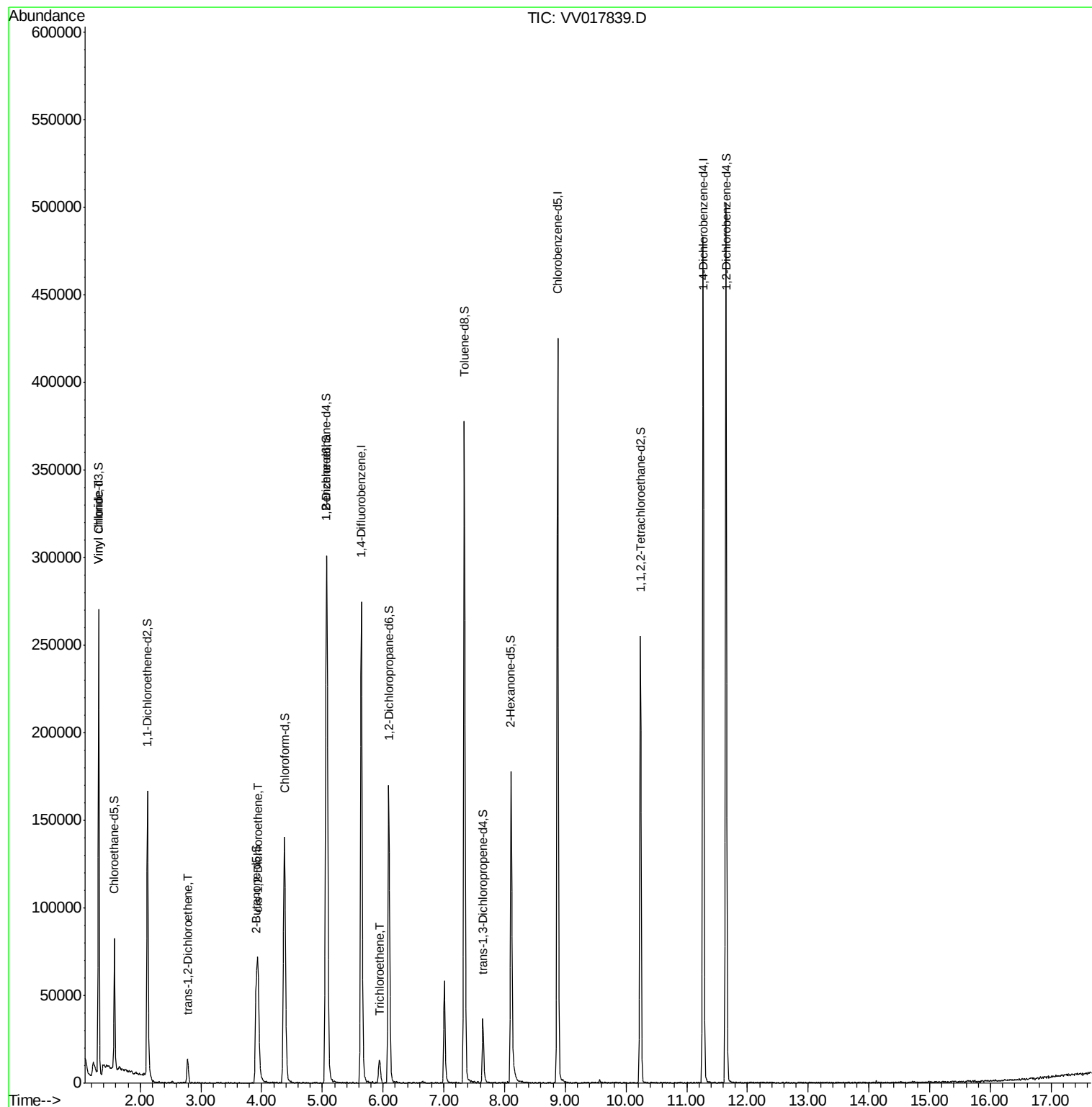
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
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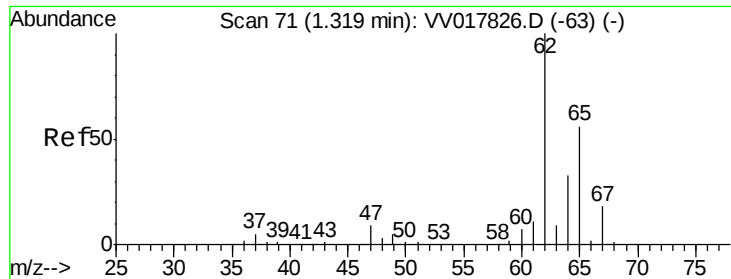
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 69.662 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017839.D

Acq: 07 Aug 2020 14:53

Instrument :

MSVOA_V

ClientSampled :

F2L83

Tot Ion: 62 Resp: 115121

Ion Ratio Lower Upper

62 100

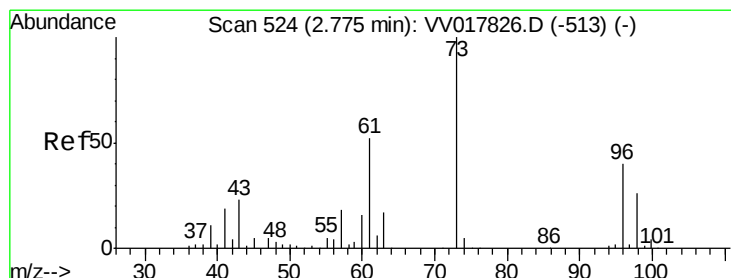
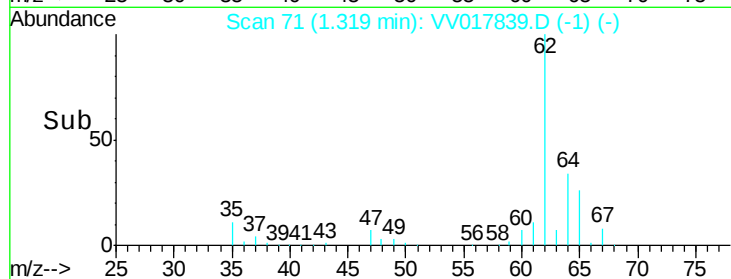
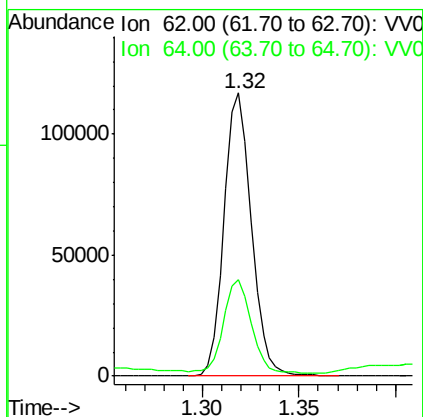
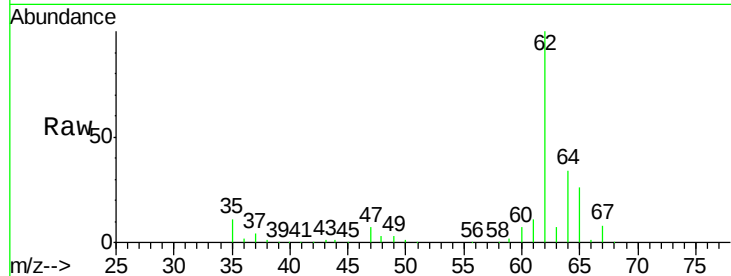
64 34.1 22.9 42.5

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 3.317 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017839.D

Acq: 07 Aug 2020 14:53

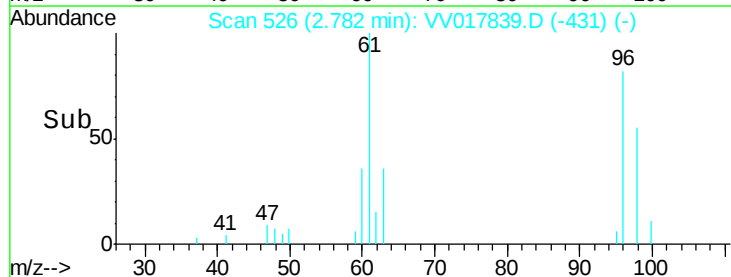
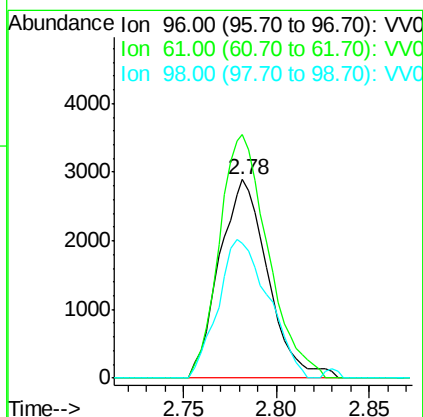
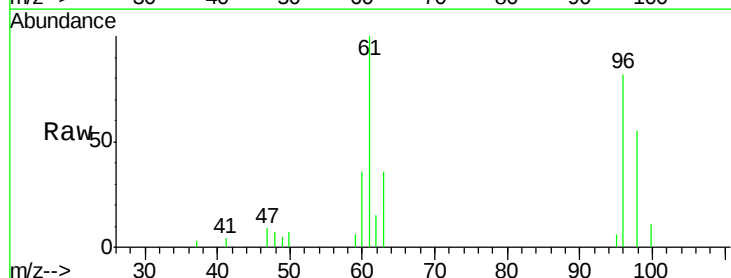
Tgt Ion: 96 Resp: 5244

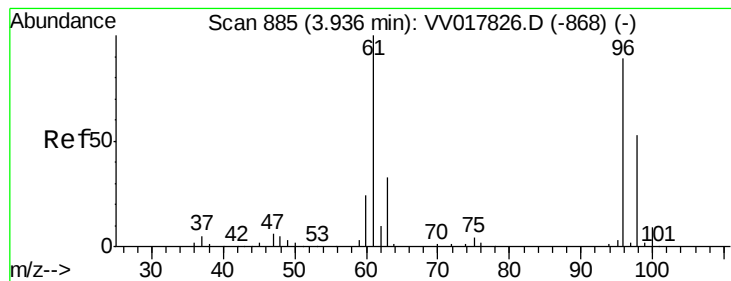
Ion Ratio Lower Upper

96 100

61 122.5 96.2 178.8

98 67.9 43.2 80.2





#20

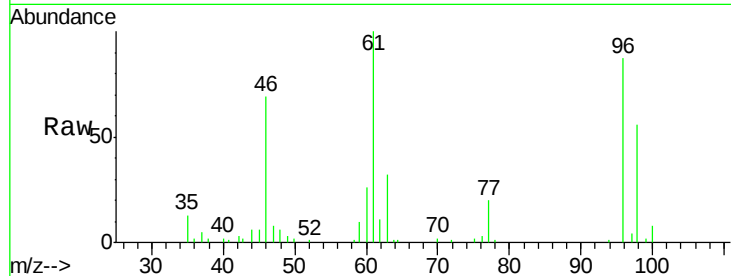
cis-1,2-Dichloroethene
Concen: 17.797 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017839.D
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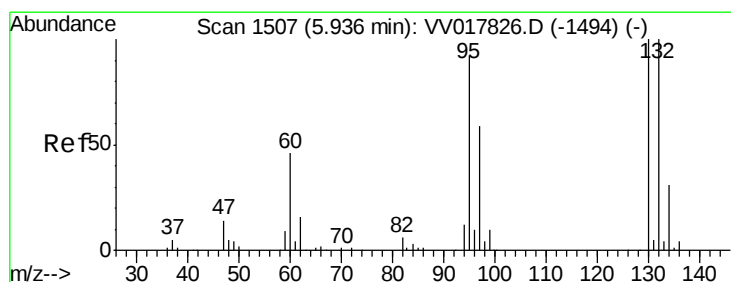
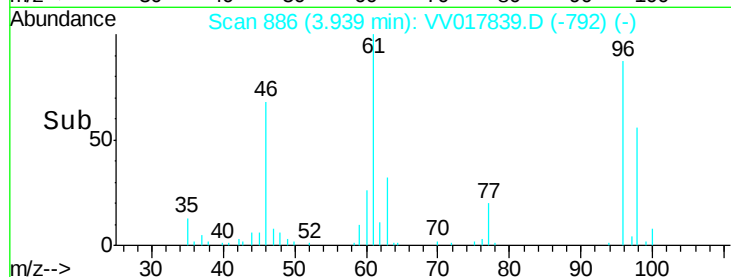
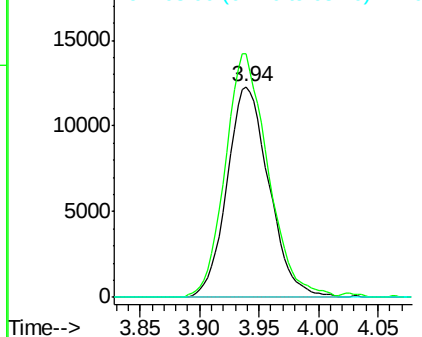
Tot Ion	Ratio	Lower	Upper
96	100		
61	115.5	87.3	162.1
68	0.0	0.0	0.0

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Abundance Ion 96.00 (95.70 to 96.70): VV017826.D (-868) (-)



#34

Trichloroethene
Concen: 1.645 ug/L m
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017839.D
Acq: 07 Aug 2020 14:53

Tgt Ion	Ratio	Lower	Upper
95	100		
97	72.5	45.3	84.1
132	118.3	71.4	132.6
130	114.1	75.3	139.9

Abundance Ion 95.00 (94.70 to 95.70): VV017826.D (-1494) (-)

