

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014695.D
 Acq On : 24 Feb 2020 13:10
 Operator : SY/MD
 Sample : L1607-20DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6DL

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 1:30:15 PM

Quant Time: Feb 25 07:26:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203574	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	189060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27942	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.28%
7) Chloroethane-d5	1.58	69	23832	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.13	63	48324	32.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.22%
21) 2-Butanone-d5	3.95	46	70354	95.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.40	84	118234	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.08	65	85222	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.10	84	239272	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	6.11	67	69479	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.36	98	221302	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.66	79	38987	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.14	63	58774	100.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103798	51.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	89848	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	1052m	1.695	ug/L	
20) cis-1,2-Dichloroethene	3.96	96	8360	5.981	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	3762	1.711	ug/L	93
34) Trichloroethene	5.96	95	57429	40.462	ug/L	98

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

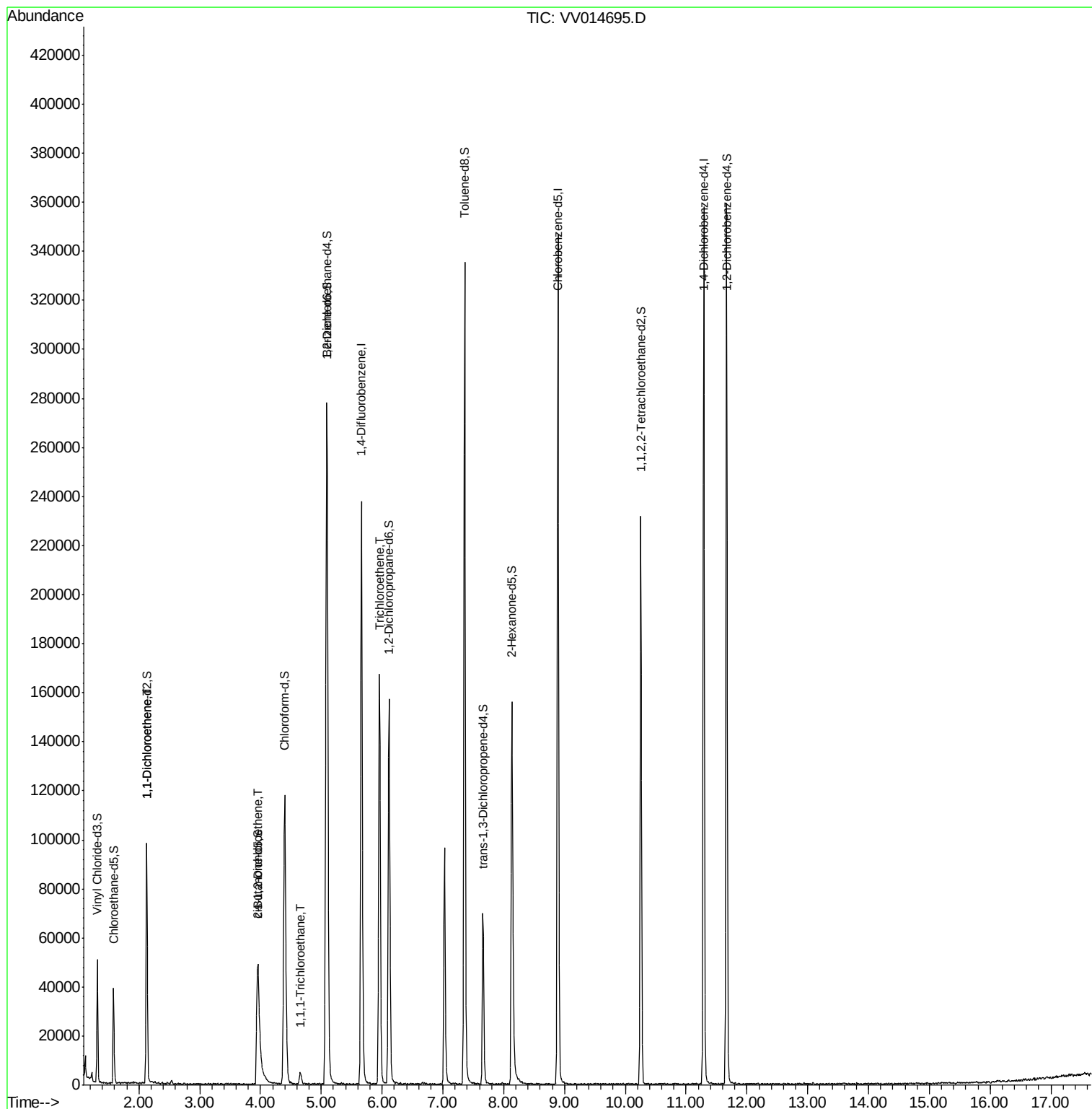
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV022420\
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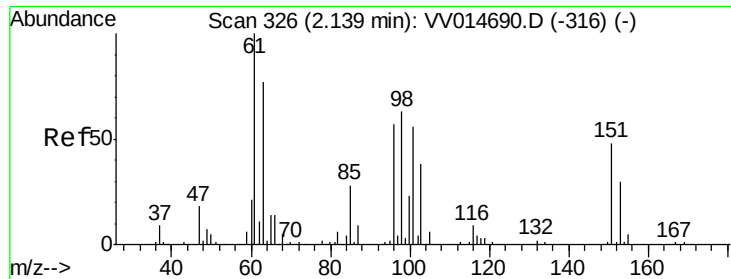
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Feb 25 06:37:27 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.695 ug/L m

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014695.D

Acq: 24 Feb 2020 13:10

Instrument :

MSVOA_V

ClientSampled :

C0AQ6DL

Tot Ion: 96 Resp: 1052

Ion Ratio Lower Upper

96 100

61 959.4 124.5 231.1#

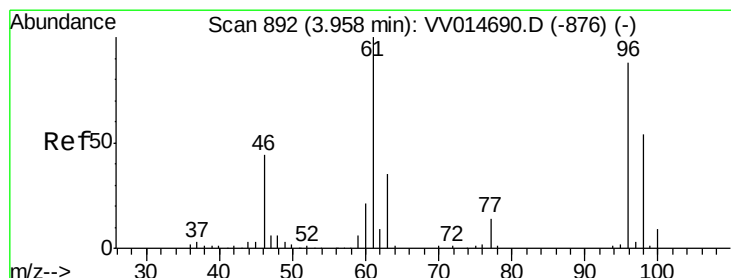
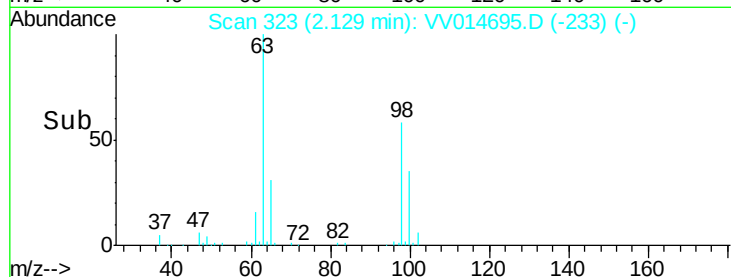
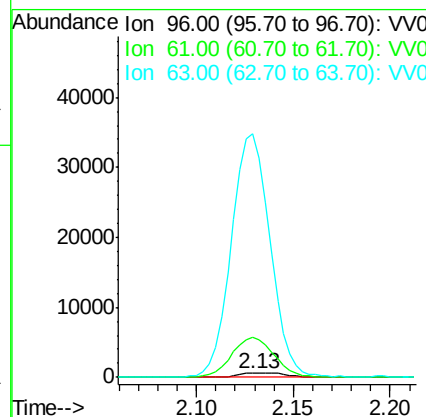
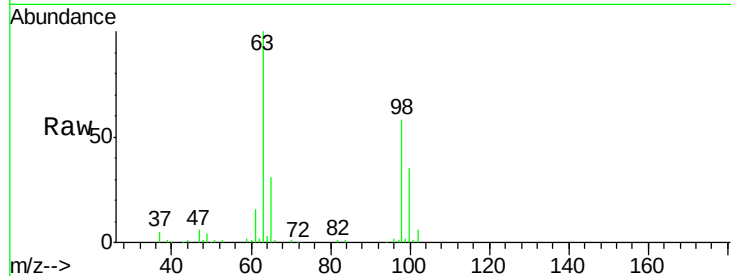
63 5907.0 98.1 182.1

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 5.981 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014695.D

Acq: 24 Feb 2020 13:10

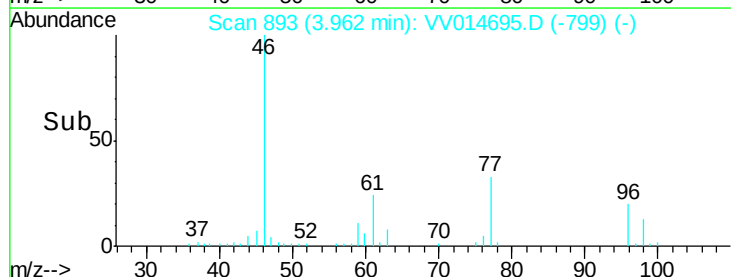
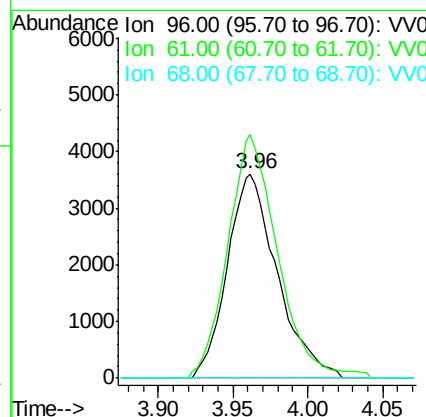
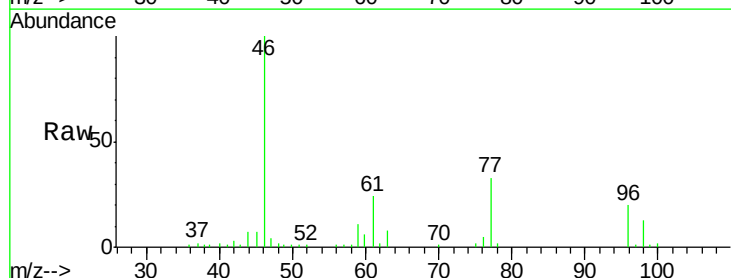
Tgt Ion: 96 Resp: 8360

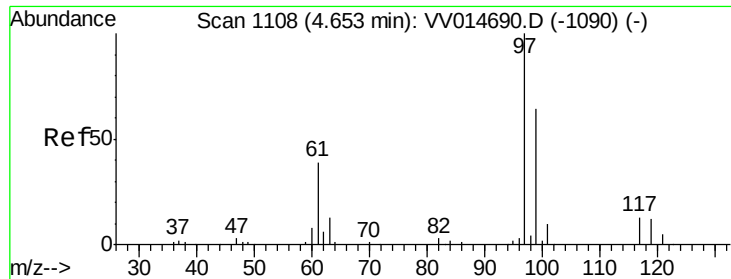
Ion Ratio Lower Upper

96 100

61 119.1 82.4 153.0

68 0.0 0.0 0.0





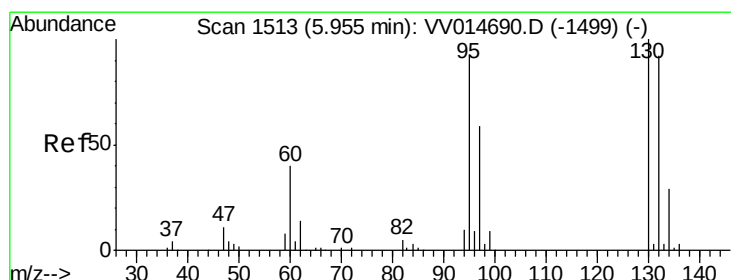
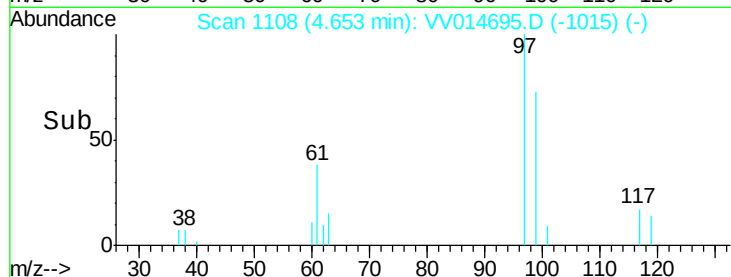
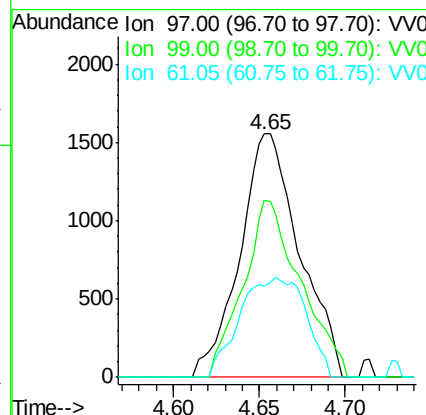
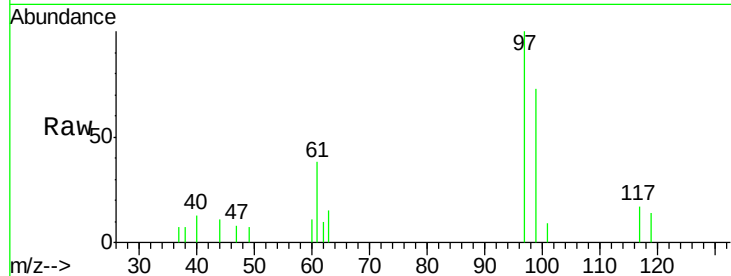
#30
 1,1,1-Trichloroethane
 Concen: 1.711 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV014695.D
 Acq: 24 Feb 2020 13:10

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Tot Ion	Ratio	Lower	Upper
97	100		
99	69.6	52.0	78.0
61	45.3	31.4	47.0

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#34
 Trichloroethene
 Concen: 40.462 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV014695.D
 Acq: 24 Feb 2020 13:10

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.3	82.3
132	102.4	69.7	129.4
130	104.0	71.3	132.5

