

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017014.D
 Acq On : 22 Jun 2020 12:06
 Operator : SY/MD
 Sample : L3074-02DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M04DL

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 4:23:16 PM

Quant Time: Jun 23 04:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 23 03:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346956	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159600	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104614	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.46%
7) Chloroethane-d5	1.58	69	70729	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.12	63	155576	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	3.91	46	161429	89.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.09%
24) Chloroform-d	4.37	84	234782	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.05	65	164622	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.07	84	450501	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.09	67	139697	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.34	98	410429	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.64	79	69687	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	95005	73.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160651	41.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	170704	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	17437	7.049 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	221688m	86.607 ug/L	
34) Trichloroethene	5.94	95	80539	30.823 ug/L	99
46) Tetrachloroethene	8.00	164	176925	86.095 ug/L	98

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

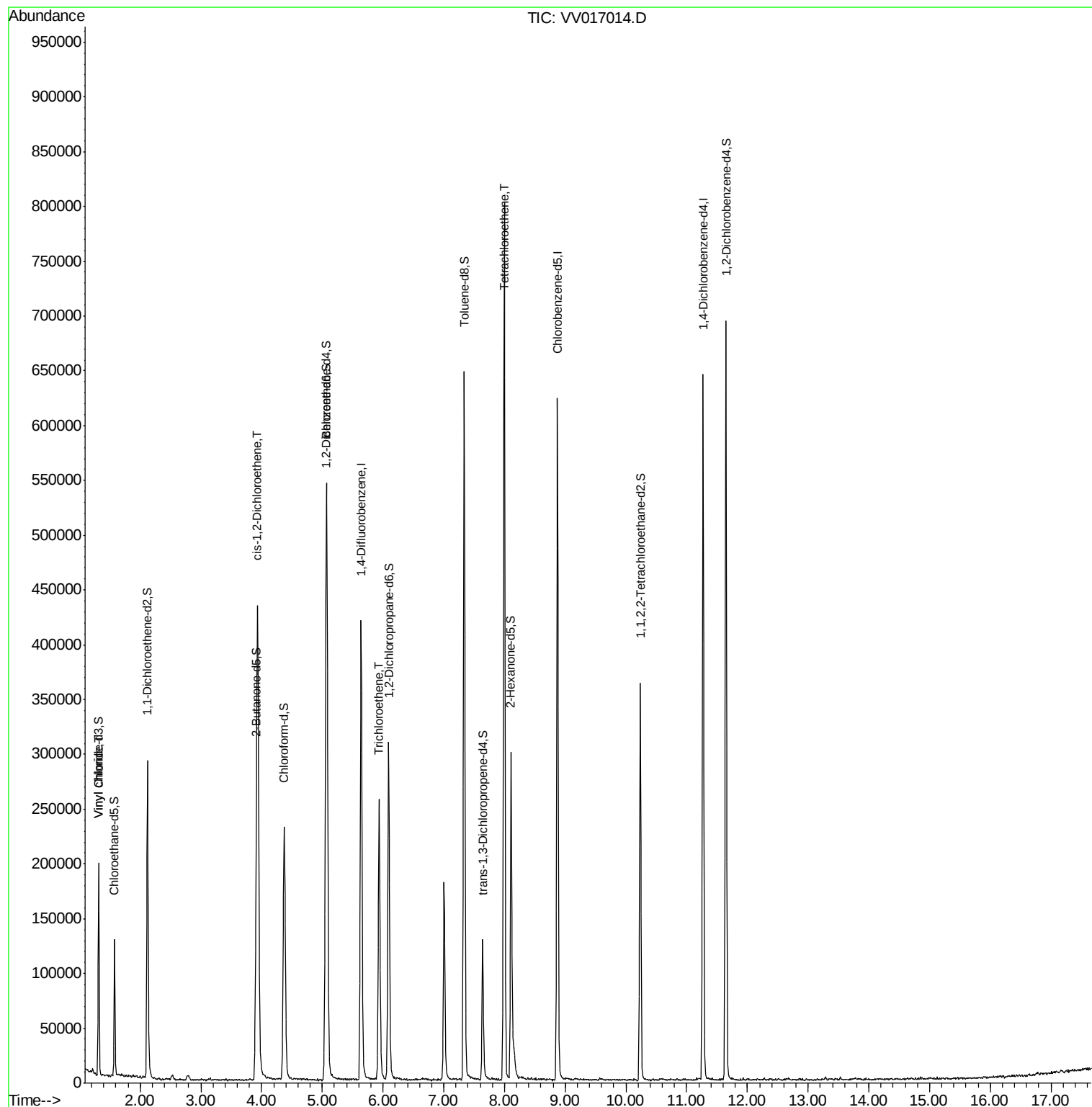
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062220\
Data File : VV017014.D
Acq On : 22 Jun 2020 12:06
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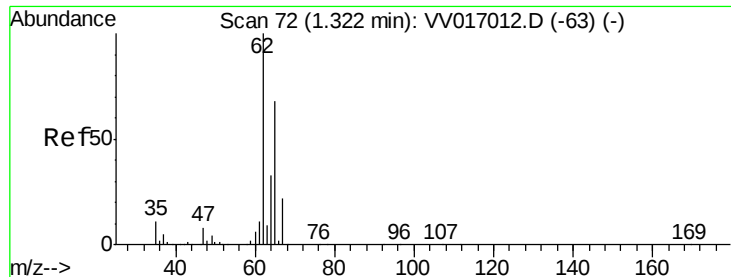
Instrument :
MSVOA_V
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Quant Time: Jun 23 04:03:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 23 03:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.049 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017014.D

Acq: 22 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

F9M04DL

Tot Ion: 62 Resp: 17437

Ion Ratio Lower Upper

62 100

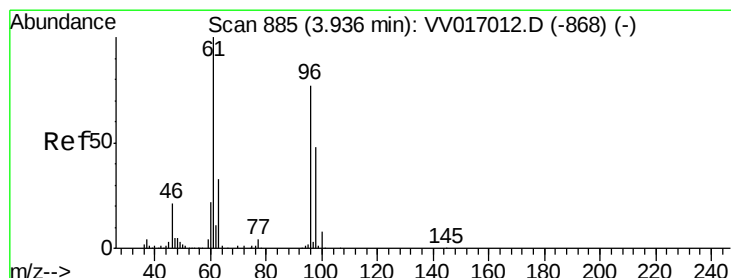
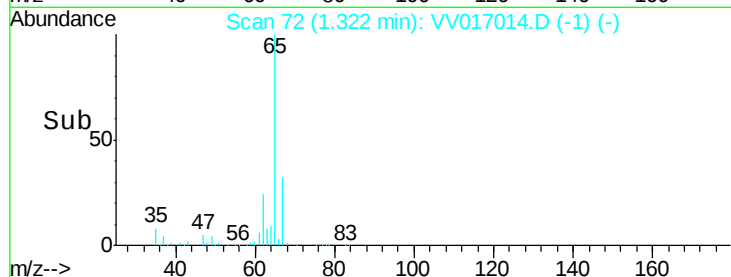
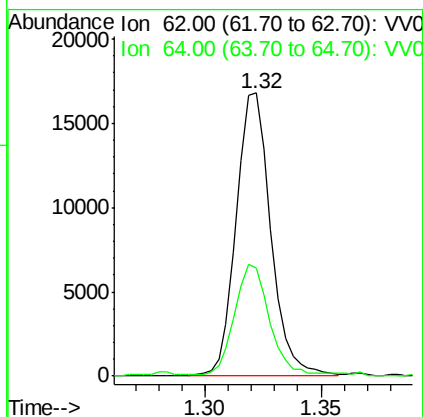
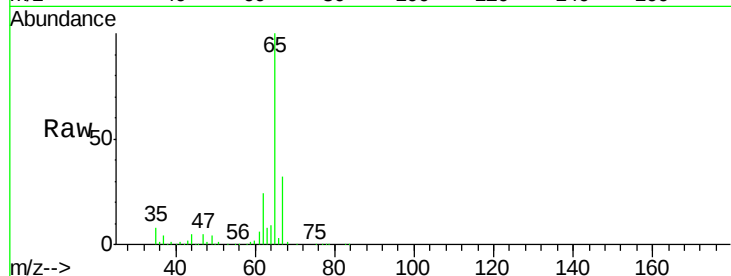
64 38.0 22.3 41.5

Manual Integrations

APPROVED

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#20

cis-1,2-Dichloroethene

Concen: 86.607 ug/L m

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017014.D

Acq: 22 Jun 2020 12:06

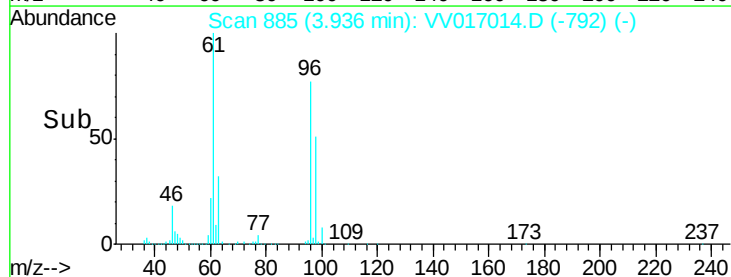
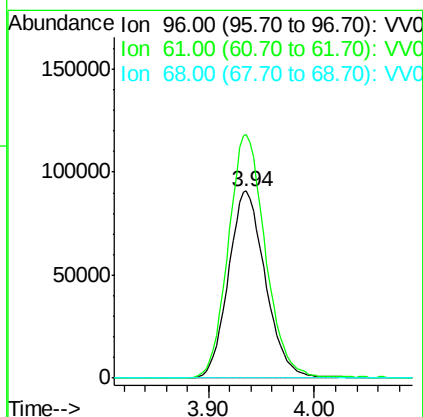
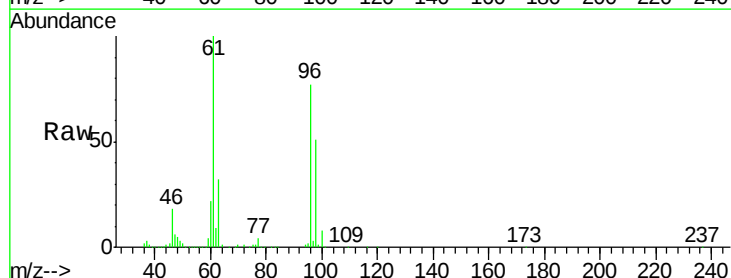
Tgt Ion: 96 Resp: 221688

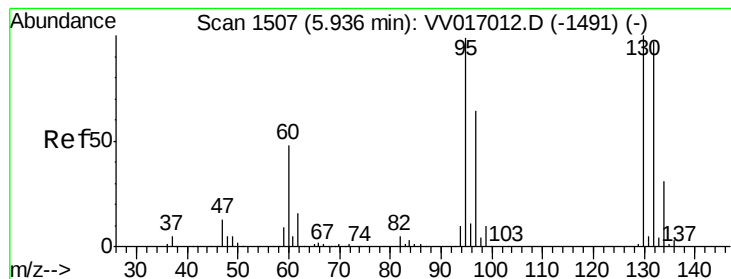
Ion Ratio Lower Upper

96 100

61 130.2 93.4 173.4

68 0.1 0.0 0.0#





#34

Trichloroethene

Concen: 30.823 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017014.D

Acq: 22 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

F9M04DL

Tot Ion: 95 Resp: 80539

Ion Ratio Lower Upper

95 100

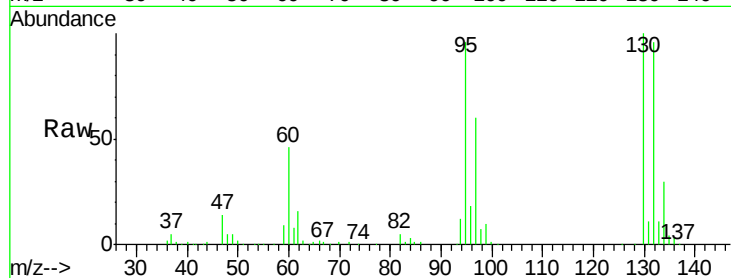
97 62.6 44.3 82.3

132 99.4 67.9 126.1

130 103.8 72.2 134.2

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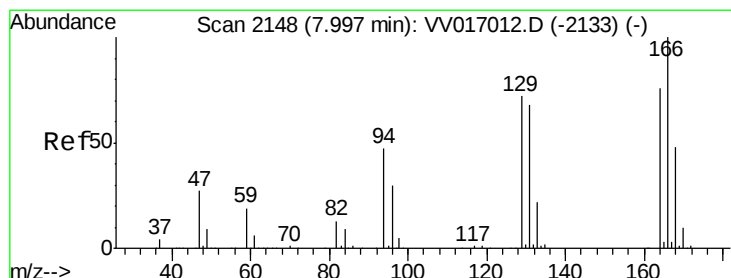
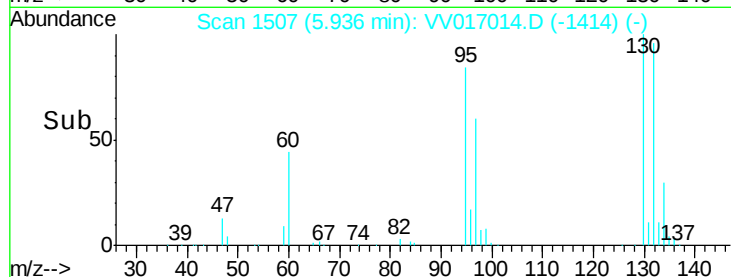
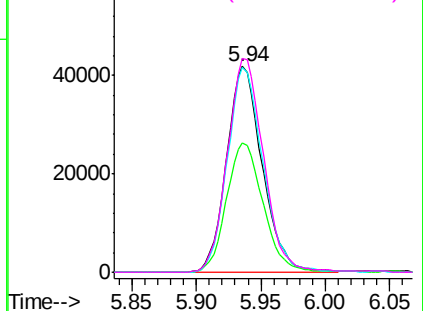


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 86.095 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017014.D

Acq: 22 Jun 2020 12:06

Tgt Ion: 164 Resp: 176925

Ion Ratio Lower Upper

164 100

129 92.8 67.0 124.4

131 89.8 64.8 120.3

166 127.7 90.4 167.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

