

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016984.D
 Acq On : 18 Jun 2020 17:52
 Operator : SY/MD
 Sample : L3039-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M02DL

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 3:02:58 PM

Quant Time: Jun 19 07:02:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346464	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83428	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.58	69	60357	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.12	63	132643	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	3.91	46	167906	92.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.80%
24) Chloroform-d	4.38	84	228027	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.06	65	162266	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.08	84	432249	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.09	67	136323	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.34	98	392680	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	68434	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.11	63	92091	72.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167277	43.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	162808	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	5203	2.106 ug/L	# 67
20) cis-1,2-Dichloroethene	3.94	96	122302m	47.848 ug/L	
34) Trichloroethene	5.95	95	4422m	1.714 ug/L	
46) Tetrachloroethene	8.00	164	4397	2.167 ug/L	95

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

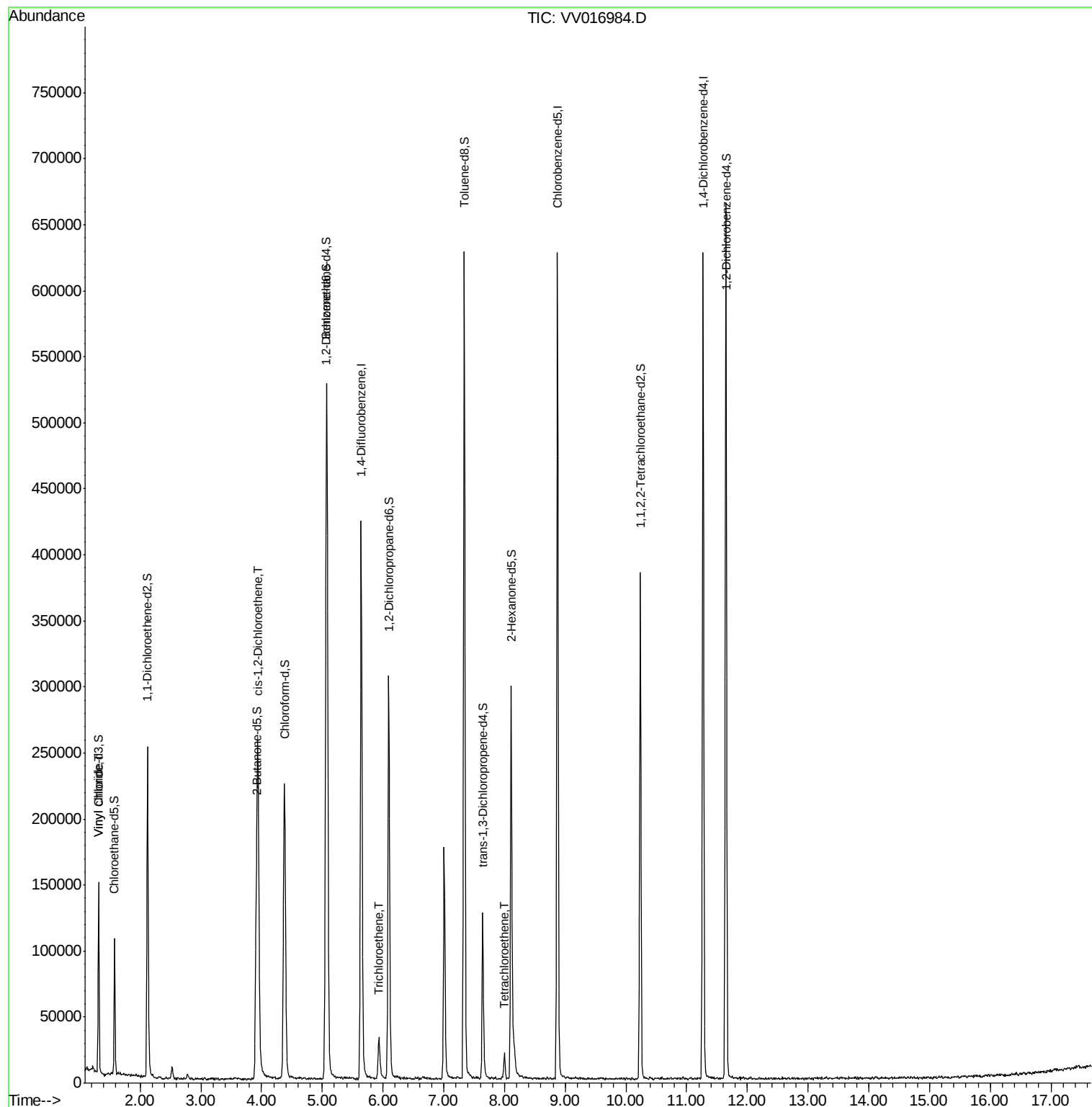
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061820\
Data File : VV016984.D
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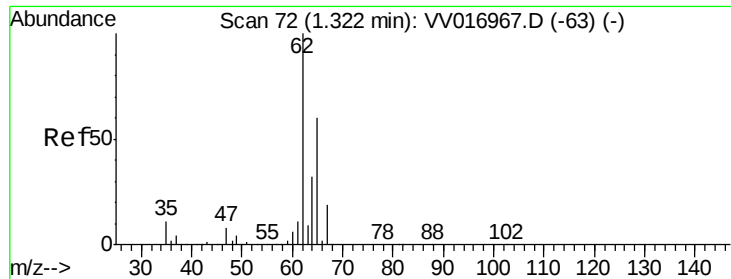
Instrument :
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Quant Time: Jun 19 07:02:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.106 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

Instrument :

MSVOA_V

ClientSampleId :

F9M02DL

Tot Ion: 62 Resp: 5203

Ion Ratio Lower Upper

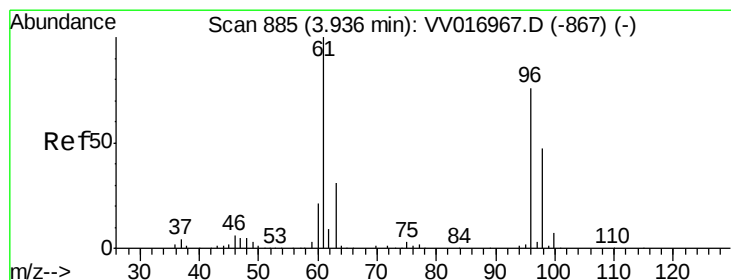
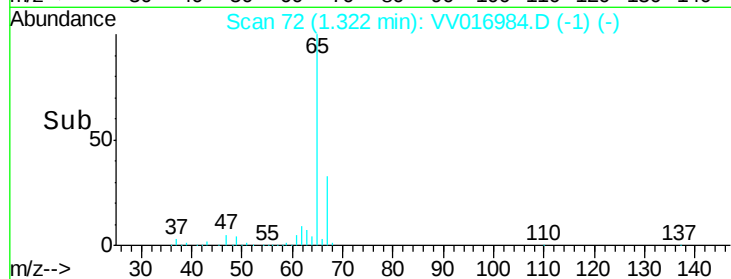
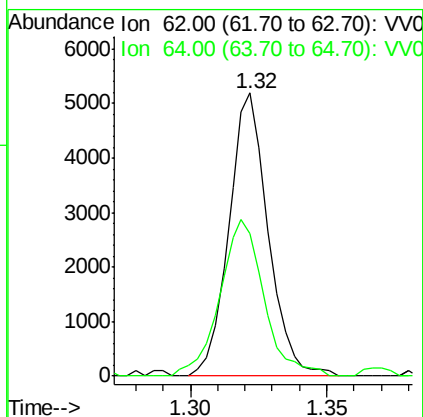
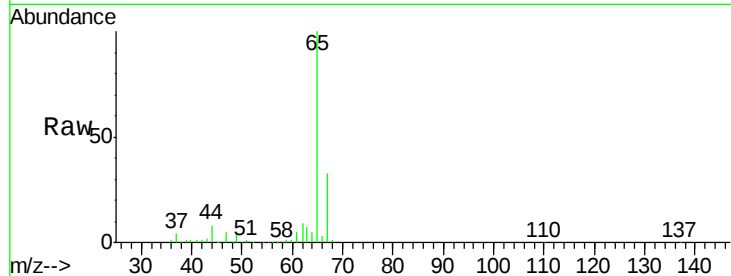
62 100

64 50.4 22.3 41.5#

Manual Integrations
APPROVED

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6/19/2020 3:02:58 PM



#20

cis-1,2-Dichloroethene

Concen: 47.848 ug/L m

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

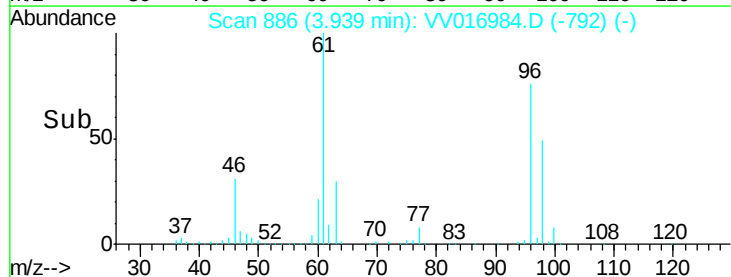
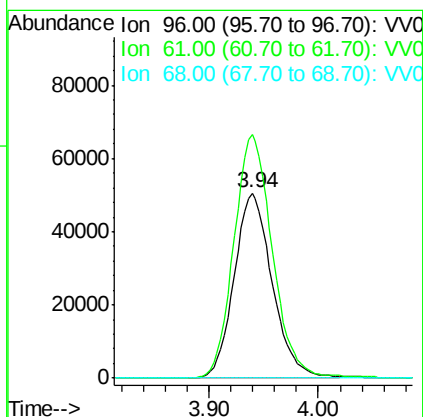
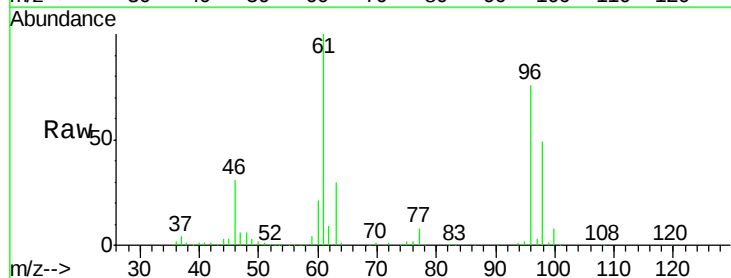
Tgt Ion: 96 Resp: 122302

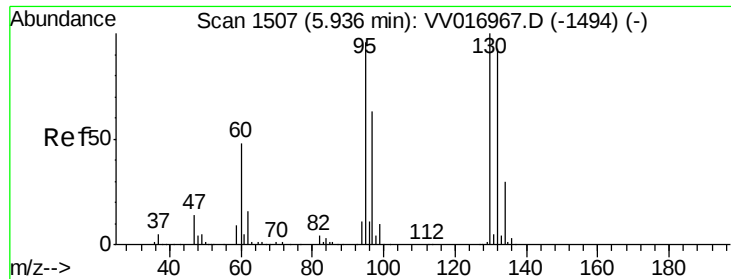
Ion Ratio Lower Upper

96 100

61 131.8 93.4 173.4

68 0.3 0.0 0.0#





#34

Trichloroethene

Concen: 1.714 ug/L m

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

Instrument :

MSVOA_V

ClientSampleId :

F9M02DL

Tot Ion: 95 Resp: 4422

Ion Ratio Lower Upper

95 100

97 61.6 44.3 82.3

132 98.2 67.9 126.1

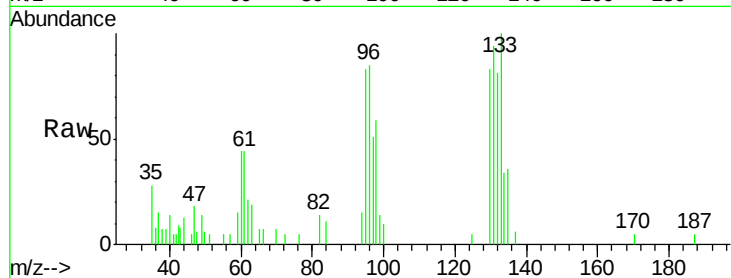
130 100.2 72.2 134.2

Manual Integrations

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6/19/2020 3:02:58 PM



Abundance

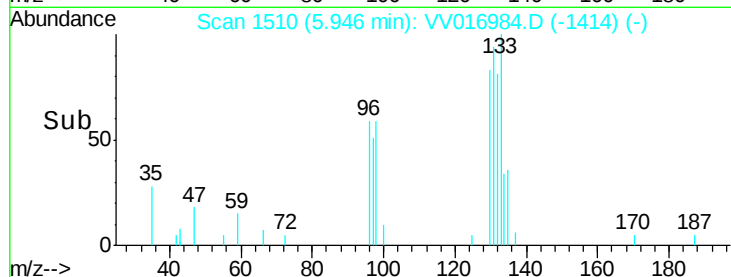
Ion 95.00 (94.70 to 95.70): VV016984.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016984.D (-1494) (-)

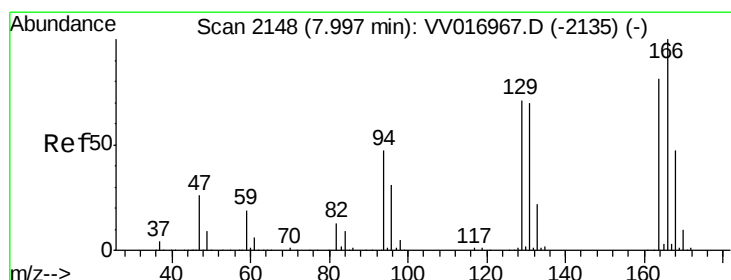
Ion 132.00 (131.70 to 132.70): VV016984.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016984.D (-1494) (-)

Time-->



Time-->



#46

Tetrachloroethene

Concen: 2.167 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

Tgt Ion: 164 Resp: 4397

Ion Ratio Lower Upper

164 100

129 91.7 67.0 124.4

131 91.6 64.8 120.3

166 119.0 90.4 167.8

Abundance

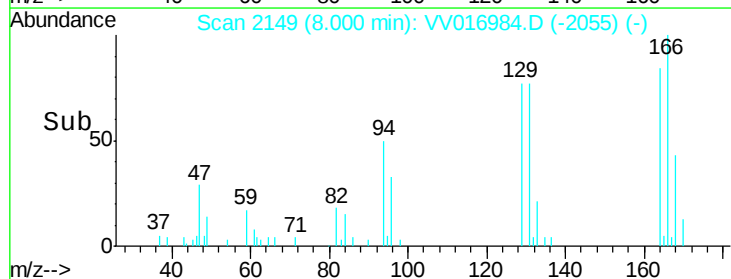
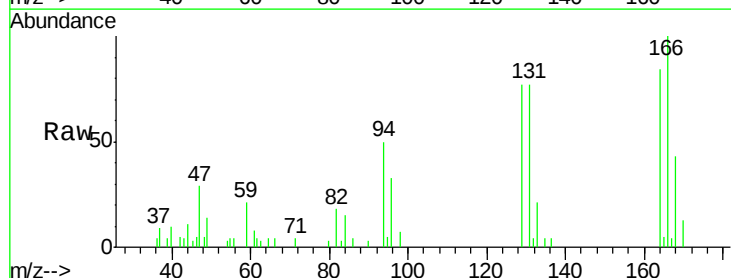
Ion 164.00 (163.70 to 164.70): VV016984.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016984.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016984.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016984.D (-2055) (-)

Time-->



Time-->