

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015289.D
 Acq On : 30 Mar 2020 22:08
 Operator : SY/MD
 Sample : L1976-11 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTJ0

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 4:21:45 PM

Quant Time: Mar 31 06:06:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	590318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	562754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	241678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211912	49.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.46%
7) Chloroethane-d5	1.58	69	201792	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.76%
11) 1,1-Dichloroethene-d2	2.12	63	311794m	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.93	46	308073	109.45	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.45%
24) Chloroform-d	4.38	84	389223	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	266064	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
32) Benzene-d6	5.08	84	762119	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.09	67	246365	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.34	98	716748	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.64	79	122636	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.04%
47) 2-Hexanone-d5	8.11	63	261612	121.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	348469	51.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	240121	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds					Ovalue
5) Vinyl chloride	1.32	62	481452	96.764 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	464585	112.964 ug/L #	99

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

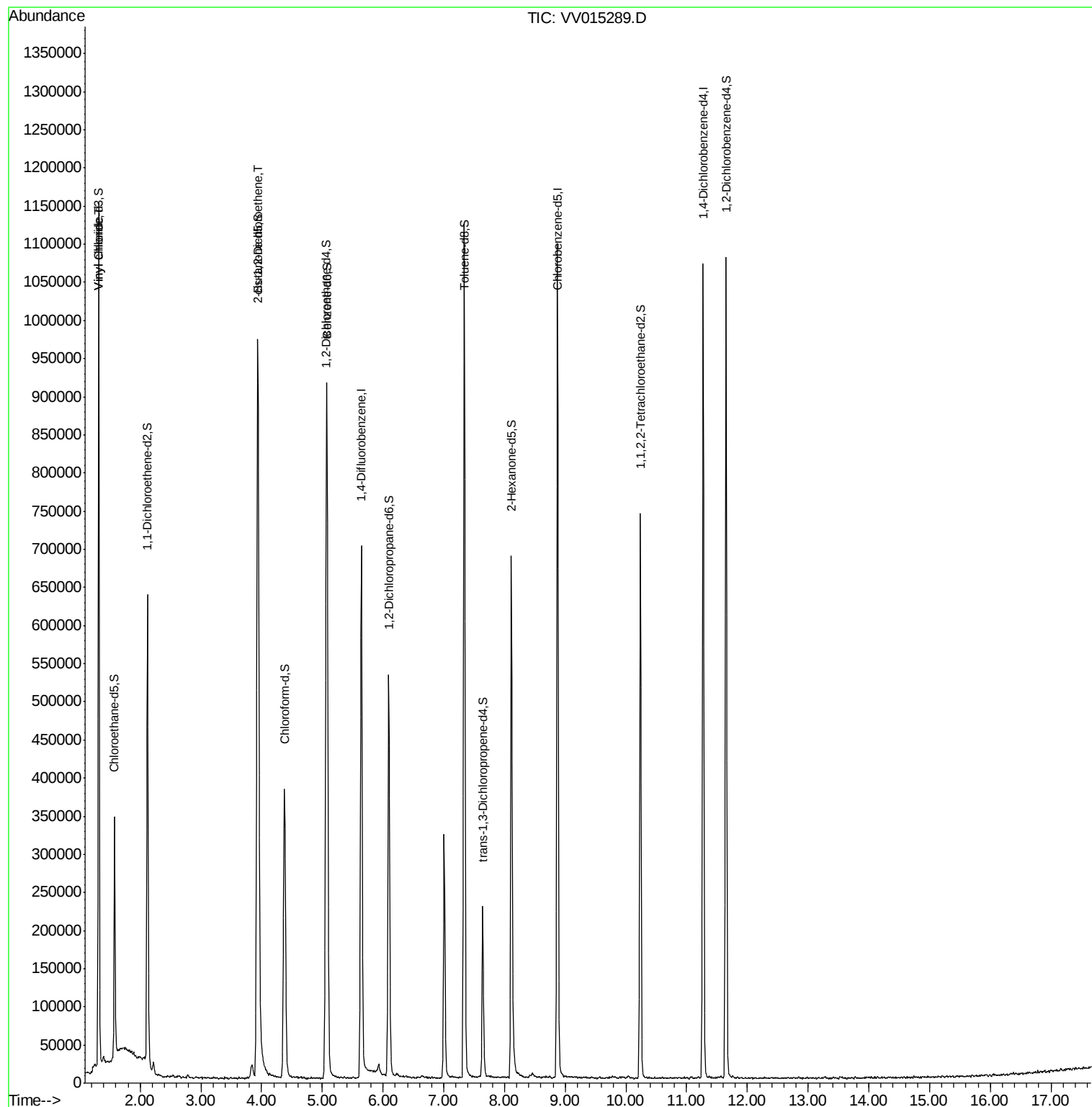
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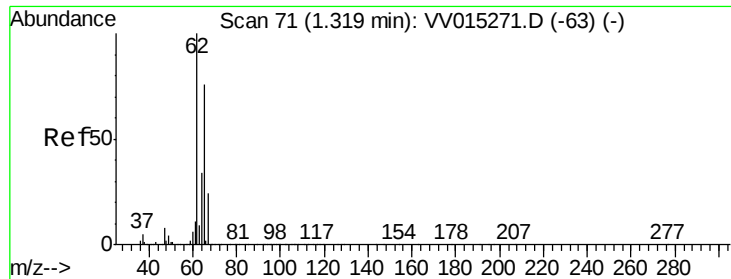
Instrument :
MSVOA_V
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#5

Vinyl chloride

Concen: 96.764 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015289.D

Acq: 30 Mar 2020 22:08

Instrument :

MSVOA_V

ClientSampled :

ETTJ0

Tot Ion: 62 Resp: 481452

Ion Ratio Lower Upper

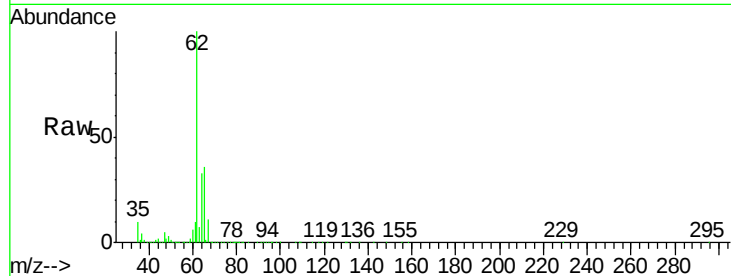
62 100

64 32.8 23.9 44.3

Manual Integrations
APPROVED

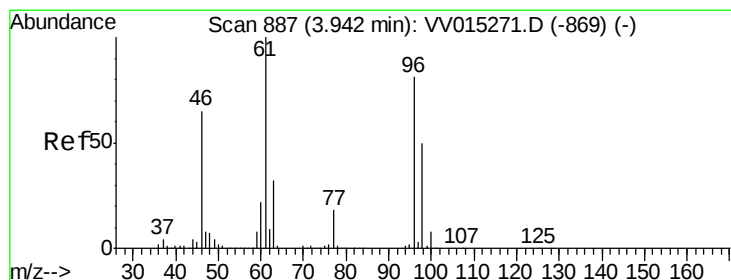
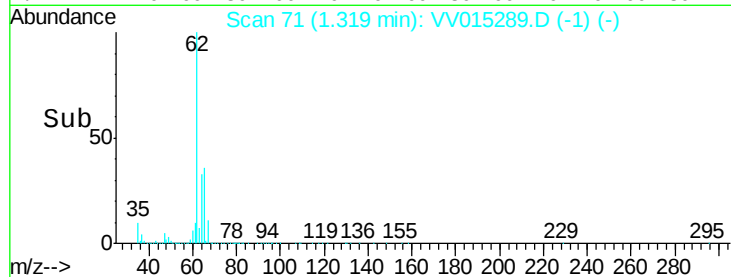
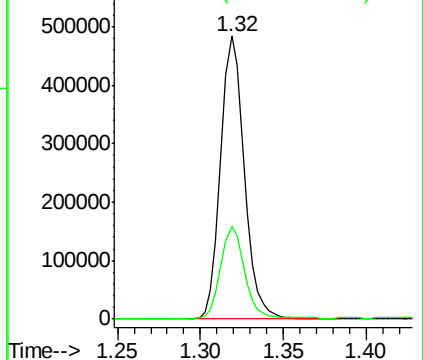
MMDadoda

3/31/2020 4:21:45 PM



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 112.964 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV015289.D

Acq: 30 Mar 2020 22:08

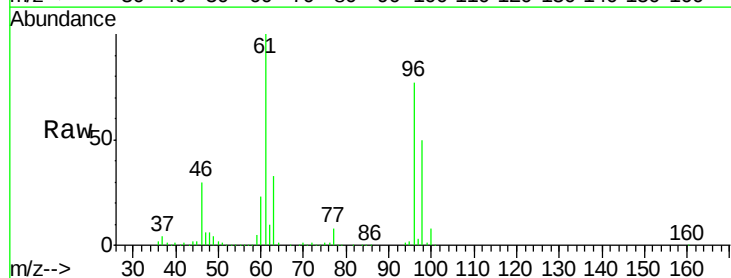
Tgt Ion: 96 Resp: 464585

Ion Ratio Lower Upper

96 100

61 129.6 90.2 167.6

68 0.0 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

