

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017887.D
 Acq On : 10 Aug 2020 10:51
 Operator : SY/MD
 Sample : L3608-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L33

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 8:16:08 AM

Quant Time: Aug 11 02:31:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	217559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	57627	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.58	69	53974	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.18%
11) 1,1-Dichloroethene-d2	2.12	63	106695	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.91	46	87441	116.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	4.37	84	156152	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.06	65	120933	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.07	84	271648	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.14%
36) 1,2-Dichloropropane-d6	6.09	67	70086	55.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.04%
41) Toluene-d8	7.34	98	259705	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	7.64	79	34210	41.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.42%
47) 2-Hexanone-d5	8.11	63	55552	120.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104509	52.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	123025	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	15819	11.683	ug/L	89
17) trans-1,2-Dichloroethene	2.78	96	2635	1.891	ug/L #	64
20) cis-1,2-Dichloroethene	3.94	96	2831m	1.881	ug/L	

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

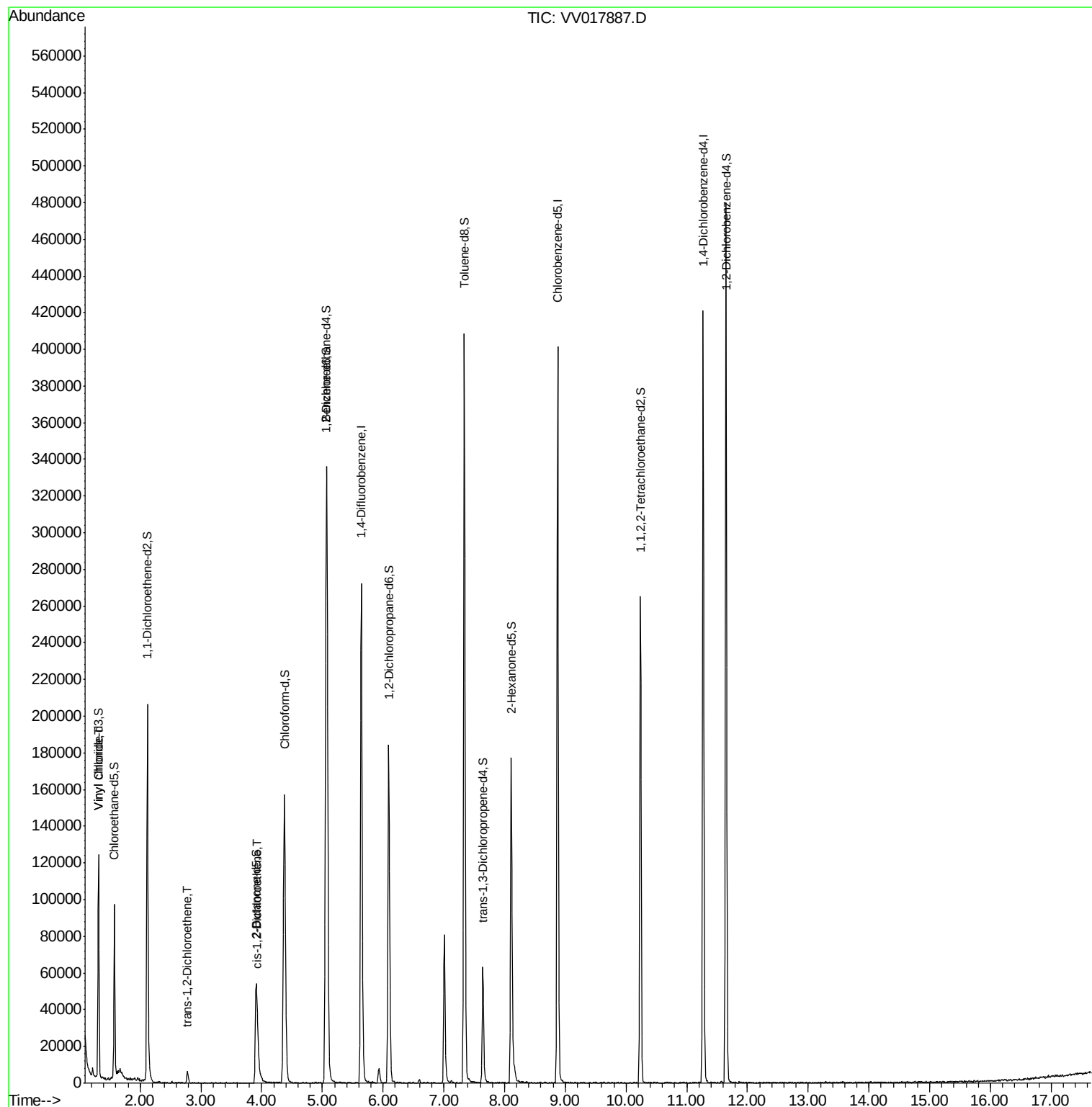
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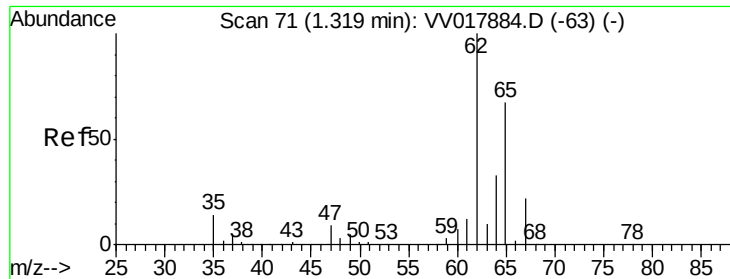
Instrument :
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#5

Vinyl chloride

Concen: 11.683 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

Instrument :

MSVOA_V

ClientSampled :

F4L33

Tot Ion: 62 Resp: 15819

Ion Ratio Lower Upper

62 100

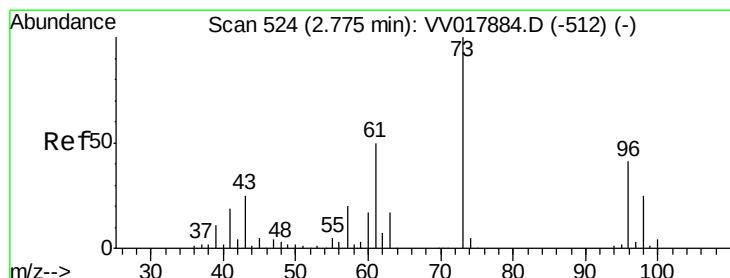
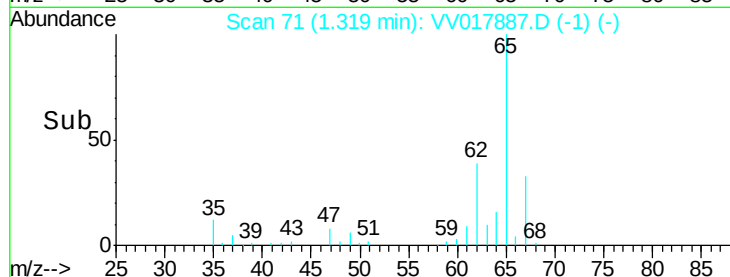
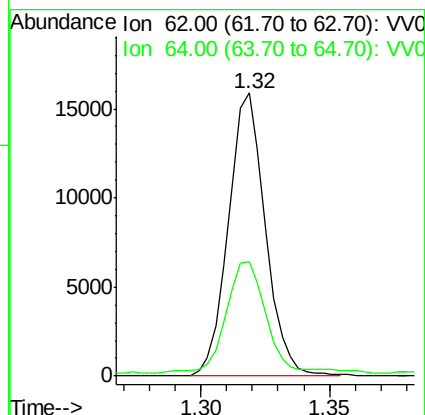
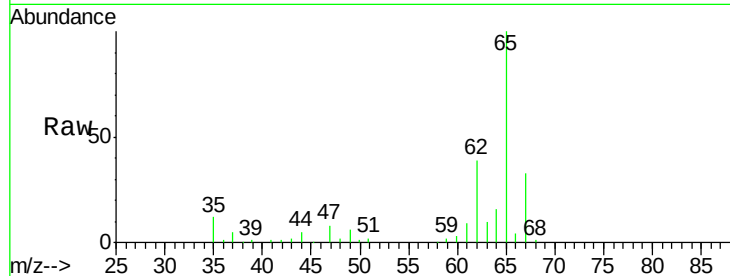
64 40.6 24.0 44.6

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 1.891 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017887.D

Acq: 10 Aug 2020 10:51

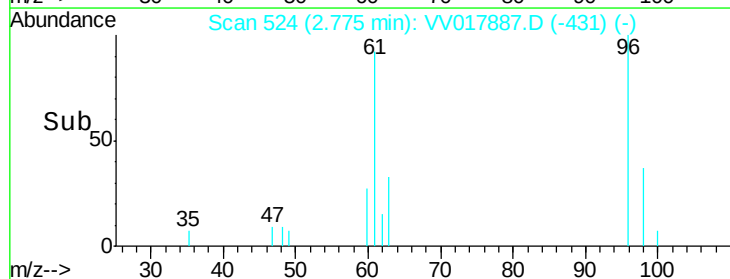
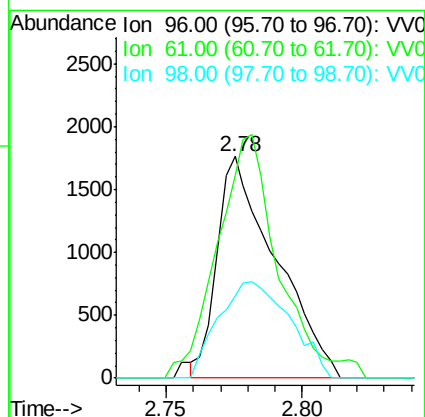
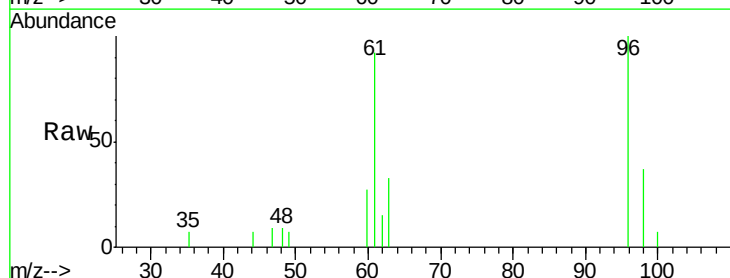
Tgt Ion: 96 Resp: 2635

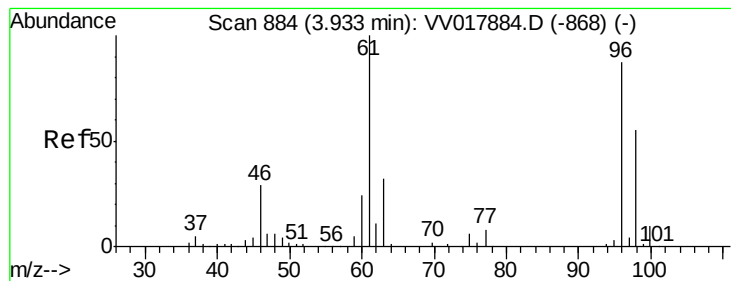
Ion Ratio Lower Upper

96 100

61 91.5 92.4 171.6#

98 37.0 47.5 88.1#





#20

cis-1,2-Dichloroethene
 Concen: 1.881 ug/L m
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
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Tot Ion	Ratio	Lower	Upper
96	100		
61	115.9	84.4	156.8
68	0.0	0.0	0.0

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