

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017833.D
 Acq On : 07 Aug 2020 12:33
 Operator : SY/MD
 Sample : L3590-07DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L52DL

Manual Integrations
 APPROVED

sam
 8/10/2020 8:30:04 AM

Quant Time: Aug 08 01:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43843	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.60%
7) Chloroethane-d5	1.58	69	43649	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.82%
11) 1,1-Dichloroethene-d2	2.12	63	91522	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	3.91	46	76469m	85.36	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	4.38	84	139870	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	5.06	65	109986	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.08	84	238589	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
36) 1,2-Dichloropropane-d6	6.09	67	63385	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.52%
41) Toluene-d8	7.34	98	242455	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.64	79	39939	38.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.76%
47) 2-Hexanone-d5	8.11	63	52686	77.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94719	39.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	124949	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	41896	24.173	ug/L 92
17) trans-1,2-Dichloroethene	2.78	96	2513	1.516	ug/L 90
20) cis-1,2-Dichloroethene	3.94	96	84720	47.839	ug/L 93
34) Trichloroethene	5.95	95	3851	2.073	ug/L 88

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

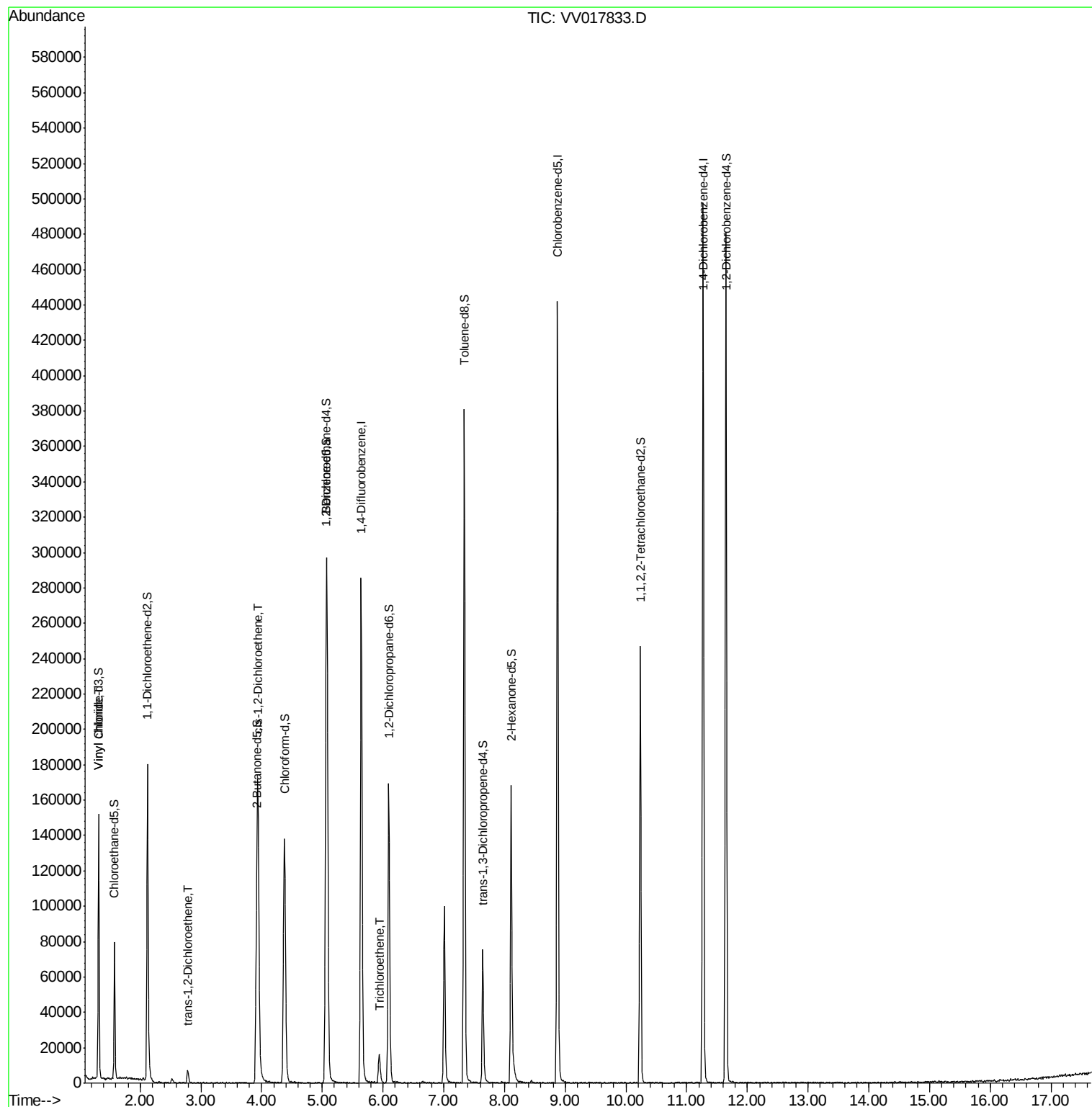
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

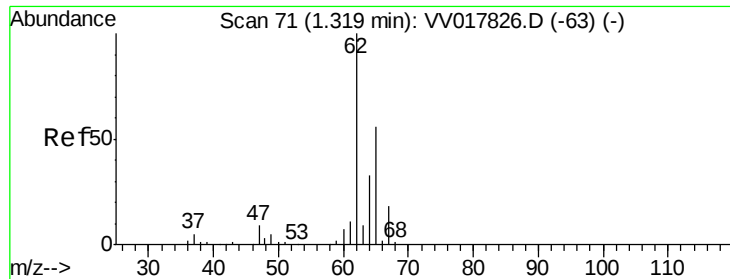
Instrument :
MSVOA_V
ClientSampleID :
F2L52DL

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Quant Time: Aug 08 01:06:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.173 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017833.D

Acq: 07 Aug 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

F2L52DL

Tot Ion: 62 Resp: 41896

Ion Ratio Lower Upper

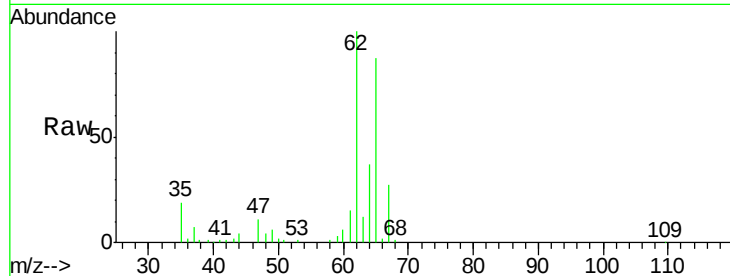
62 100

64 36.9 22.9 42.5

Manual Integrations
APPROVED

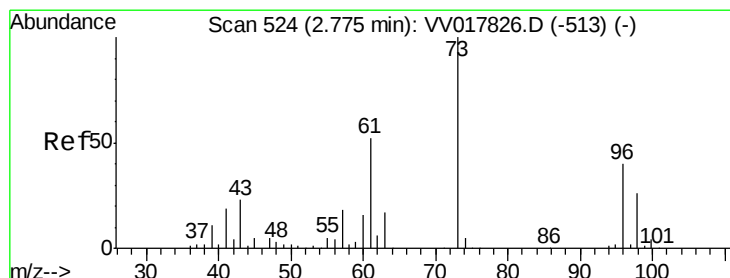
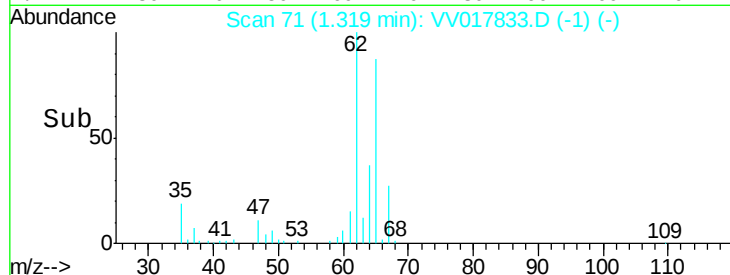
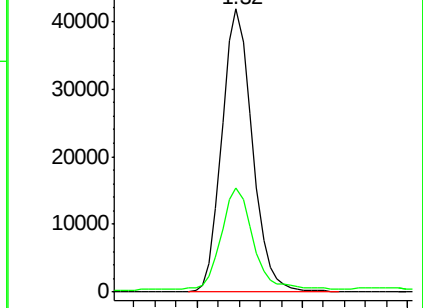
sam

8/10/2020 8:30:04 AM



Abundance Ion 62.00 (61.70 to 62.70): VV017826.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV017826.D (-63) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.516 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017833.D

Acq: 07 Aug 2020 12:33

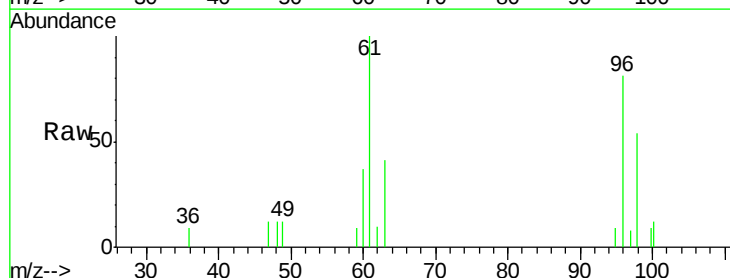
Tgt Ion: 96 Resp: 2513

Ion Ratio Lower Upper

96 100

61 123.2 96.2 178.8

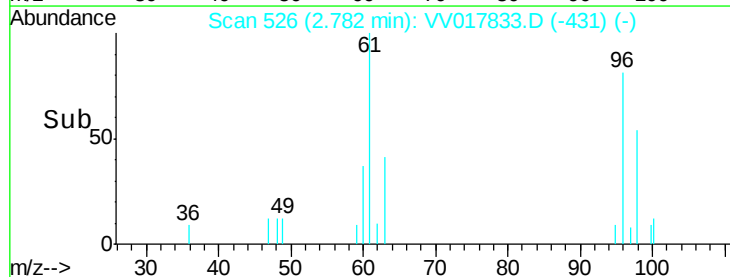
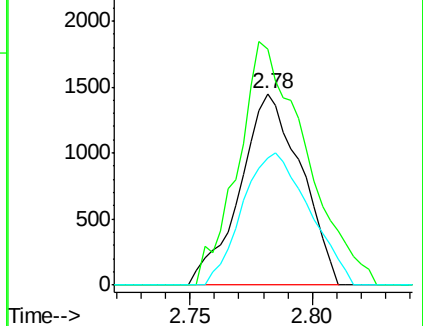
98 66.6 43.2 80.2

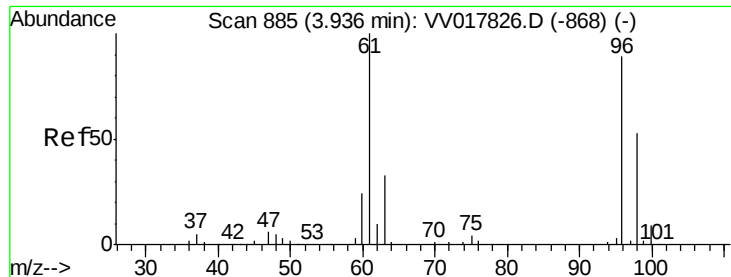


Abundance Ion 96.00 (95.70 to 96.70): VV017826.D (-513) (-)

Ion 61.00 (60.70 to 61.70): VV017826.D (-513) (-)

Ion 98.00 (97.70 to 98.70): VV017826.D (-513) (-)





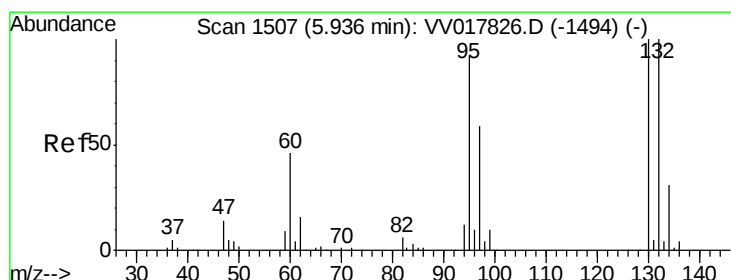
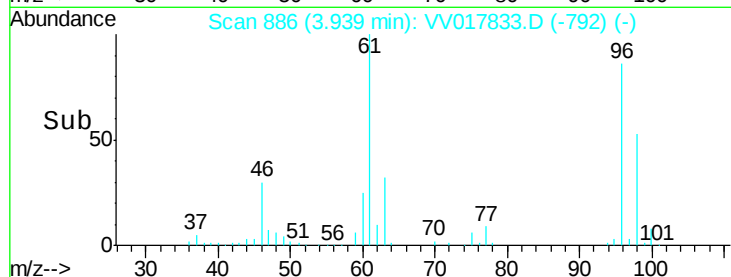
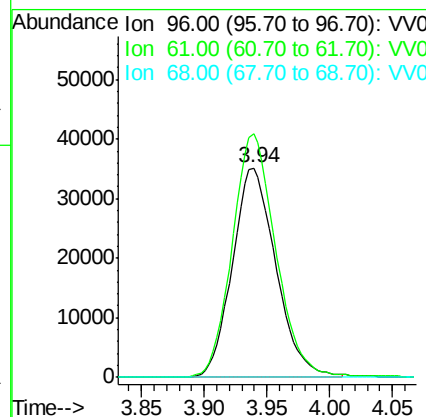
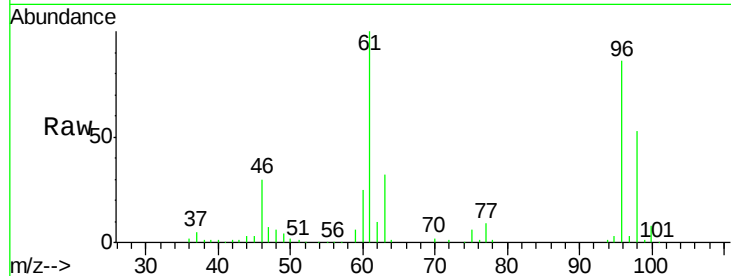
#20
 cis-1,2-Dichloroethene
 Concen: 47.839 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017833.D
 Acq: 07 Aug 2020 12:33

Instrument :
 MSVOA_V
 ClientSampled :
 F2L52DL

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	116.2	87.3	162.1	
68	0.0	0.0	0.0	

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#34
 Trichloroethene
 Concen: 2.073 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV017833.D
 Acq: 07 Aug 2020 12:33

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
97	49.9	45.3	84.1	
132	106.0	71.4	132.6	
130	92.5	75.3	139.9	

