

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018476.D
 Acq On : 25 Sep 2020 23:03
 Operator : SY/MD
 Sample : L4117-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB0

Quant Time: Sep 26 04:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	363960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123235	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.58	69	104343	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.12	63	174174	32.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.02%
21) 2-Butanone-d5	3.92	46	164782	90.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.76%
24) Chloroform-d	4.38	84	219602	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
26) 1,2-Dichloroethane-d4	5.06	65	143166	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
32) Benzene-d6	5.08	84	460697	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	145619	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.34	98	410729	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.64	79	68881	42.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.56%
47) 2-Hexanone-d5	8.11	63	99229	82.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177218	44.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	170739	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

Target Compounds

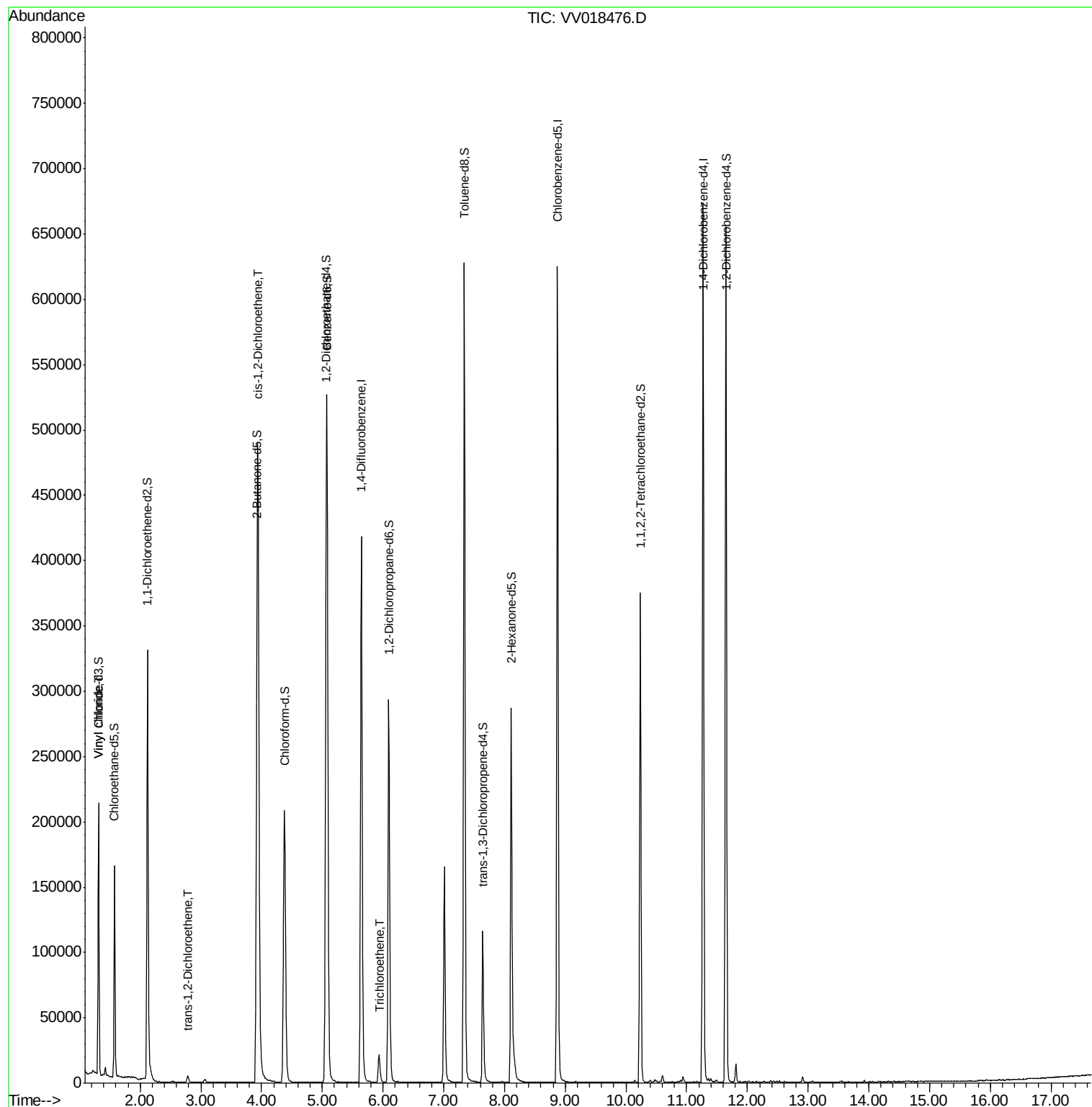
					Ovalue
5) Vinyl chloride	1.32	62	4539	1.527 ug/L #	55
17) trans-1,2-Dichloroethene	2.78	96	1923	0.781 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	249870	94.910 ug/L	94
34) Trichloroethene	5.95	95	2020	0.745 ug/L	96

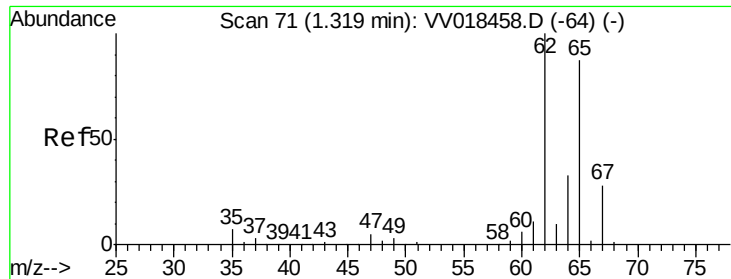
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.527 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

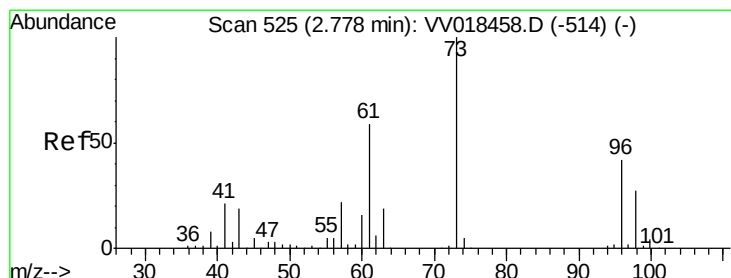
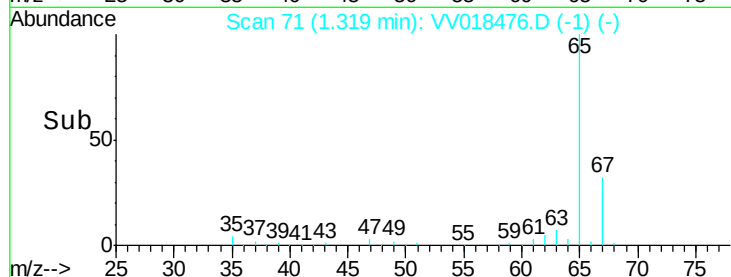
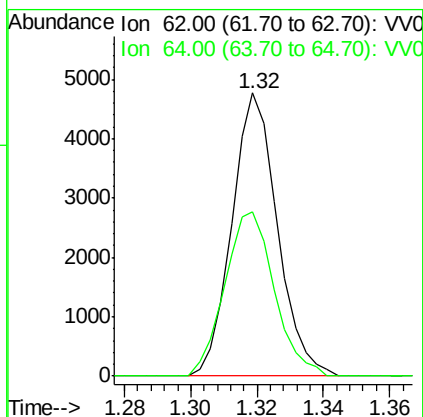
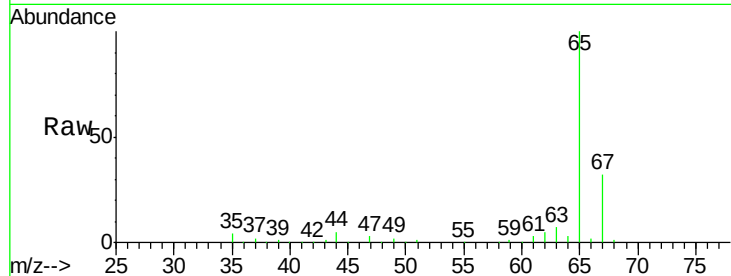
E0AB0

Tot Ion: 62 Resp: 4539

Ion Ratio Lower Upper

62 100

64 58.2 23.1 42.9#



#17

trans-1,2-Dichloroethene

Concen: 0.781 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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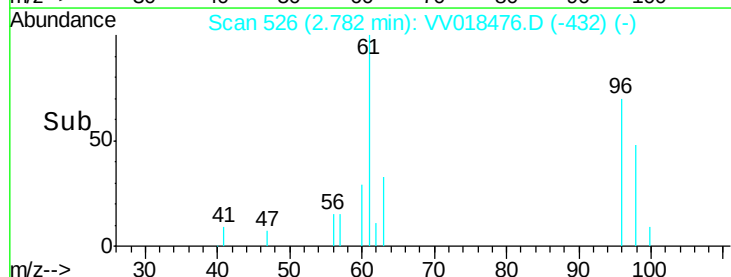
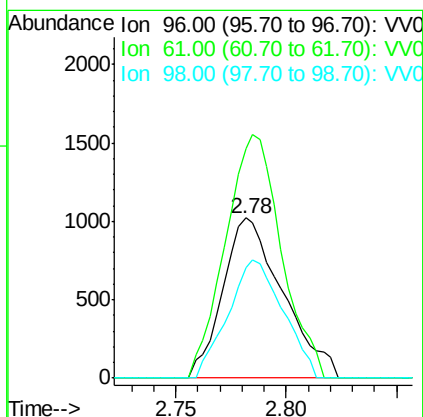
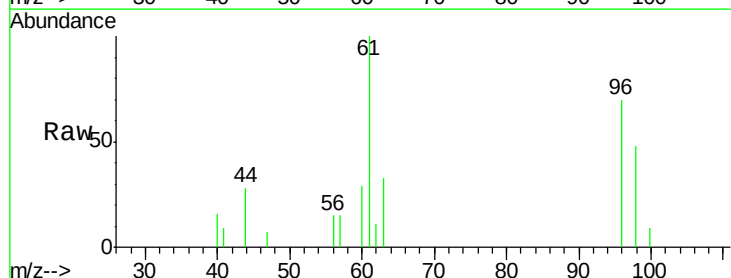
Tgt Ion: 96 Resp: 1923

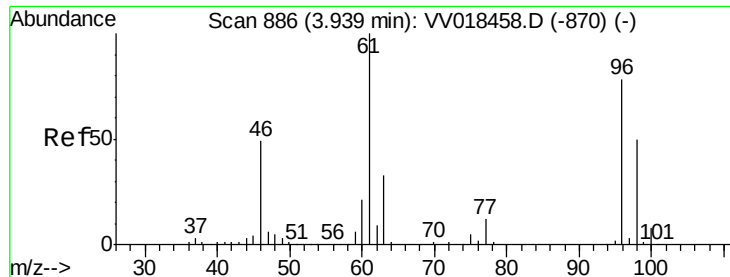
Ion Ratio Lower Upper

96 100

61 143.8 100.7 186.9

98 69.2 45.2 84.0

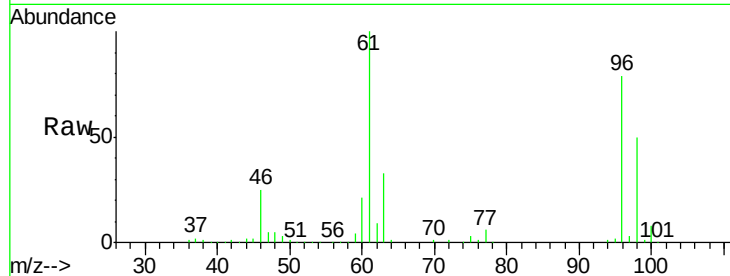




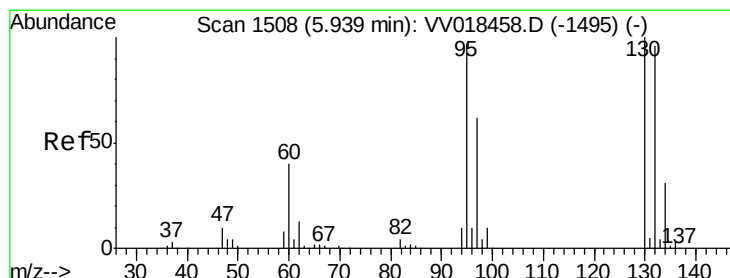
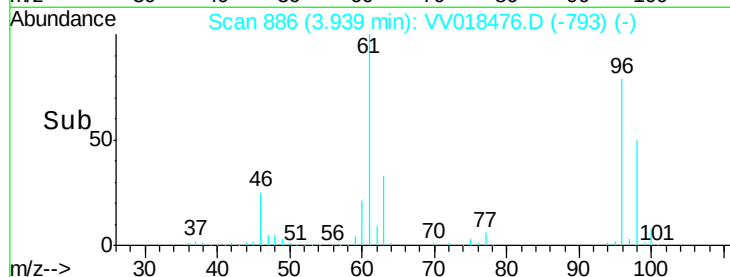
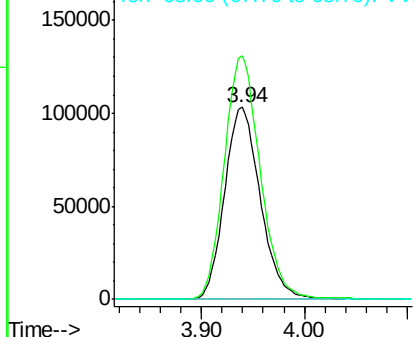
#20
 cis-1,2-Dichloroethene
 Concen: 94.910 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
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 E0AB0

Tot Ion: 96 Resp: 249870
 Ion Ratio Lower Upper
 96 100
 61 126.8 93.6 173.8
 68 0.0 0.0 0.0



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



#34
 Trichloroethene
 Concen: 0.745 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV018476.D
 Acq: 25 Sep 2020 23:03

Tgt Ion: 95 Resp: 2020
 Ion Ratio Lower Upper
 95 100
 97 70.3 46.3 85.9
 132 92.4 68.1 126.5
 130 105.4 71.5 132.9

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): VV0
 Ion 130.00 (129.70 to 130.70): VV0

