

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017871.D
 Acq On : 08 Aug 2020 22:06
 Operator : SY/MD
 Sample : L3608-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L58

Manual Integrations
 APPROVED

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 8/10/2020 1:35:35 PM

Quant Time: Aug 10 06:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	228112	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111002	50.00	ug/L	0.00

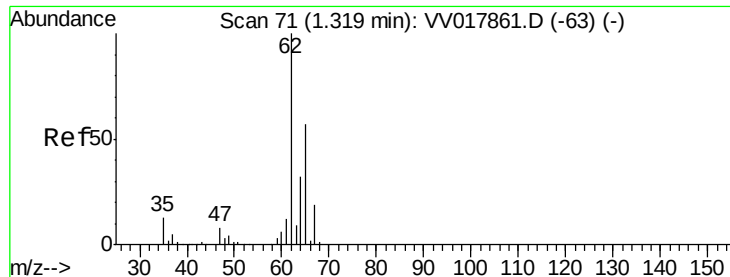
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61606	52.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.58%
7) Chloroethane-d5	1.58	69	52025	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.12	63	107220	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	3.91	46	67632	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	150217	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
26) 1,2-Dichloroethane-d4	5.06	65	120149	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.07	84	264770	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
36) 1,2-Dichloropropane-d6	6.09	67	67047	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	7.34	98	252751	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.64	79	36684	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.11	63	40907	89.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97126	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	120115	53.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.16%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	11194	8.399 ug/L	89
18) Methyl tert-butyl Ether	2.78	73	4567m	0.967 ug/L	
20) cis-1,2-Dichloroethene	3.94	96	61141	41.272 ug/L	92
34) Trichloroethene	5.94	95	3673	2.374 ug/L	88
40) 4-Methyl-2-pentanone	7.25	43	1684	1.153 ug/L #	84

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



#5

Vinyl chloride

Concen: 8.399 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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ClientSampled :

F2L58

Tot Ion: 62 Resp: 11194

Ion Ratio Lower Upper

62 100

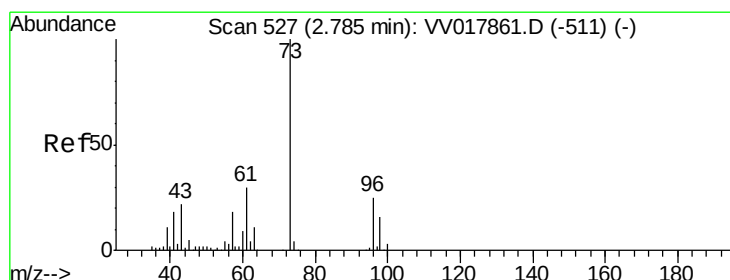
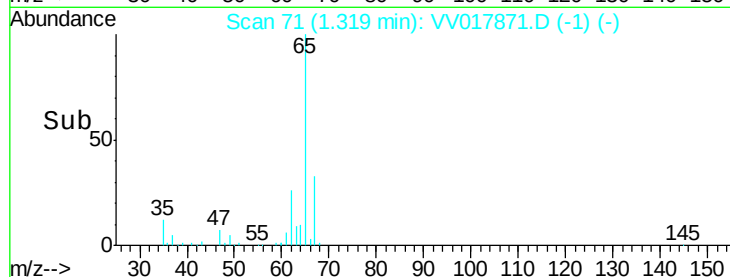
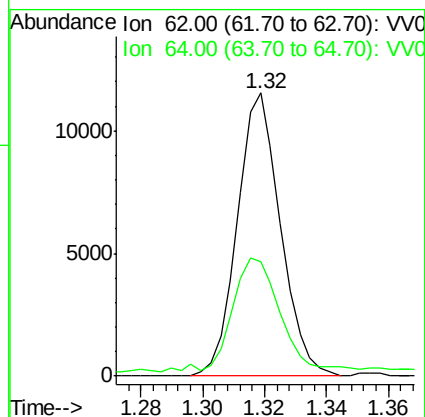
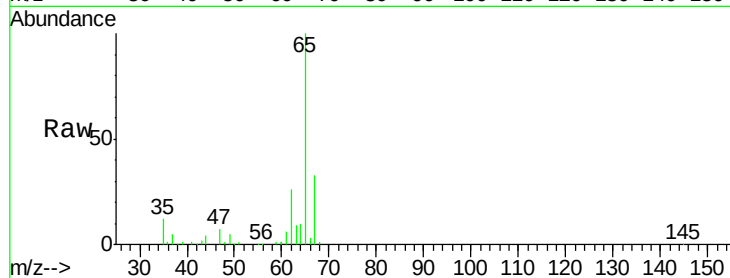
64 40.6 24.0 44.6

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#18

Methyl tert-butyl Ether

Concen: 0.967 ug/L m

RT: 2.78 min Scan# 526

Delta R.T. -0.00 min

Lab File: VV017871.D

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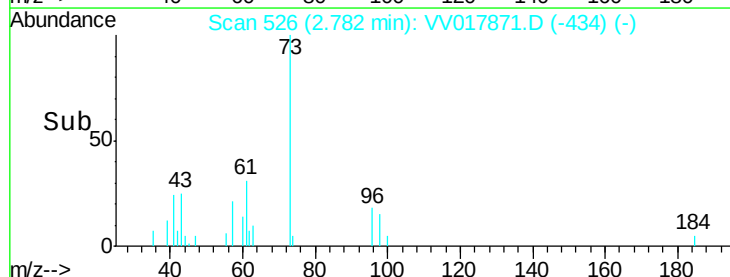
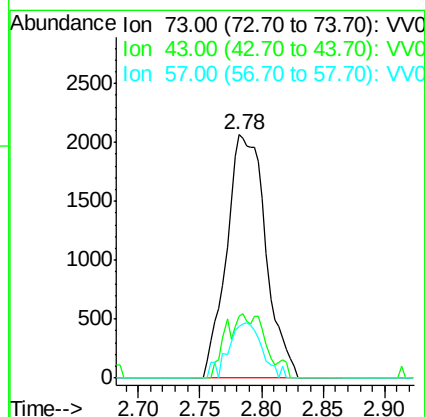
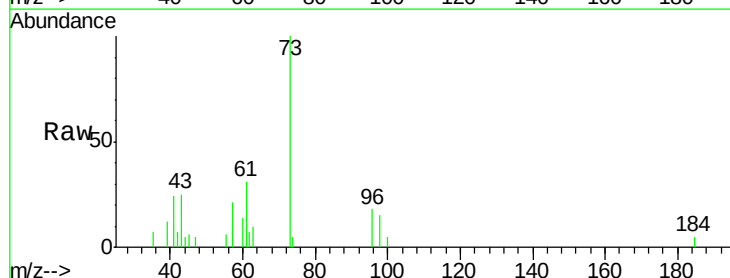
Tgt Ion: 73 Resp: 4567

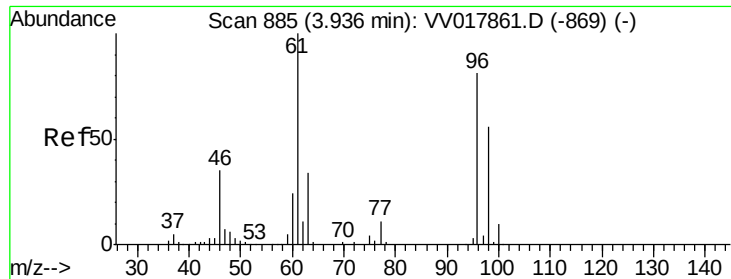
Ion Ratio Lower Upper

73 100

43 4.4 18.1 27.1#

57 18.2 14.5 21.7





#20

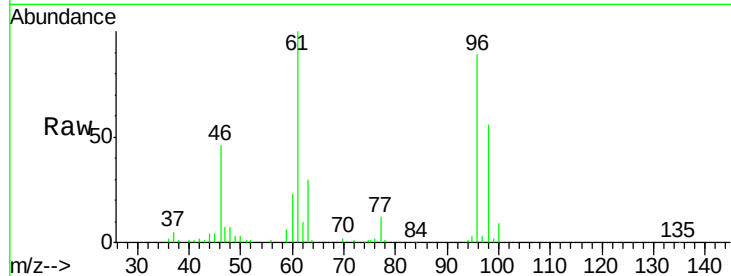
cis-1,2-Dichloroethene
Concen: 41.272 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017871.D
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Tot Ion:	96	Resp:	61141
Ion	Ratio	Lower	Upper
96	100		
61	112.2	84.4	156.8
68	0.0	0.0	0.0

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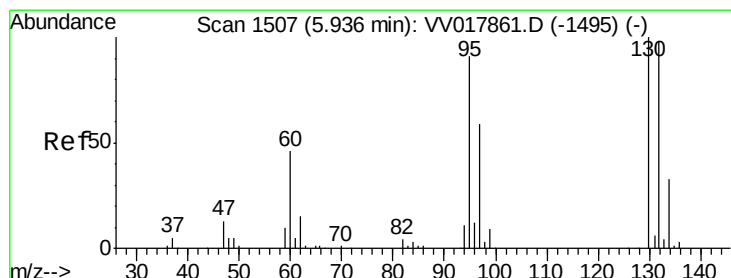
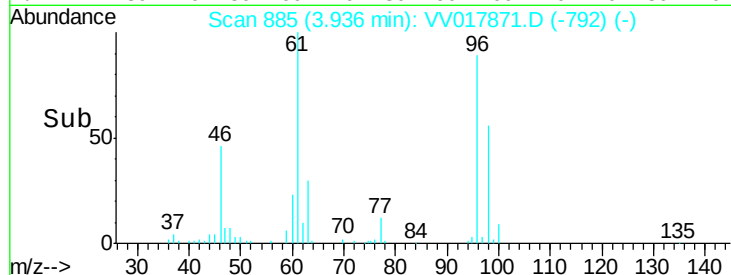
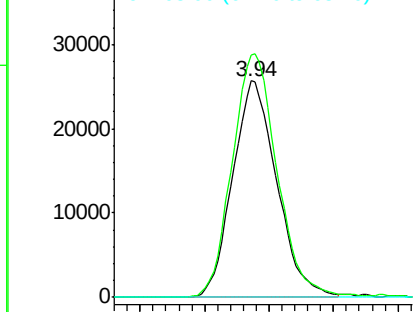


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

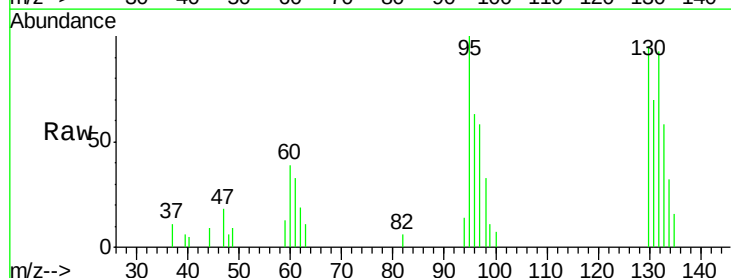
Ion 68.00 (67.70 to 68.70): VV0



#34

Trichloroethene
Concen: 2.374 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017871.D
Acq: 08 Aug 2020 22:06

Tgt Ion:	95	Resp:	3673
Ion	Ratio	Lower	Upper
95	100		
97	58.2	44.7	83.1
132	92.6	73.6	136.8
130	95.0	77.6	144.0



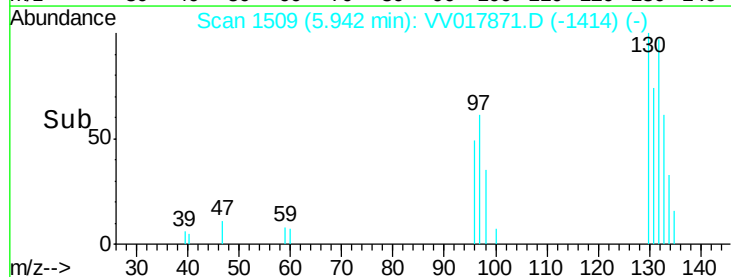
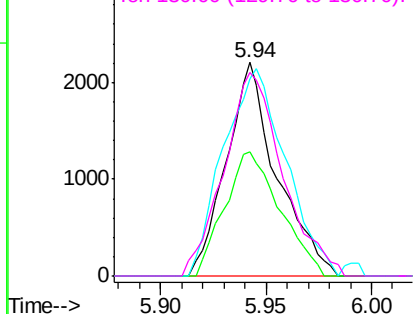
Abundance

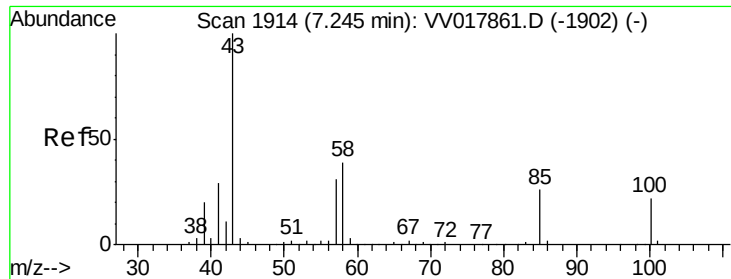
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#40
 4-Methyl-2-pentanone
 Concen: 1.153 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV017871.D
 Acq: 08 Aug 2020 22:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L58

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.4	32.3	48.5#
100	17.2	17.4	26.0#

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