

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015320.D
 Acq On : 31 Mar 2020 17:49
 Operator : SY/MD
 Sample : L1975-15 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	583034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	569965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	243857	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184846	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.96%
7) Chloroethane-d5	1.58	69	225485	57.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.12	63	288700	31.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.98%
21) 2-Butanone-d5	3.92	46	279414	100.51	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.51%
24) Chloroform-d	4.38	84	361992	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.06	65	251293	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
32) Benzene-d6	5.08	84	715951	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	6.09	67	232262	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.34	98	683518	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.64	79	117895	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.11	63	247730	113.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	330149	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	231443	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%

Target Compounds

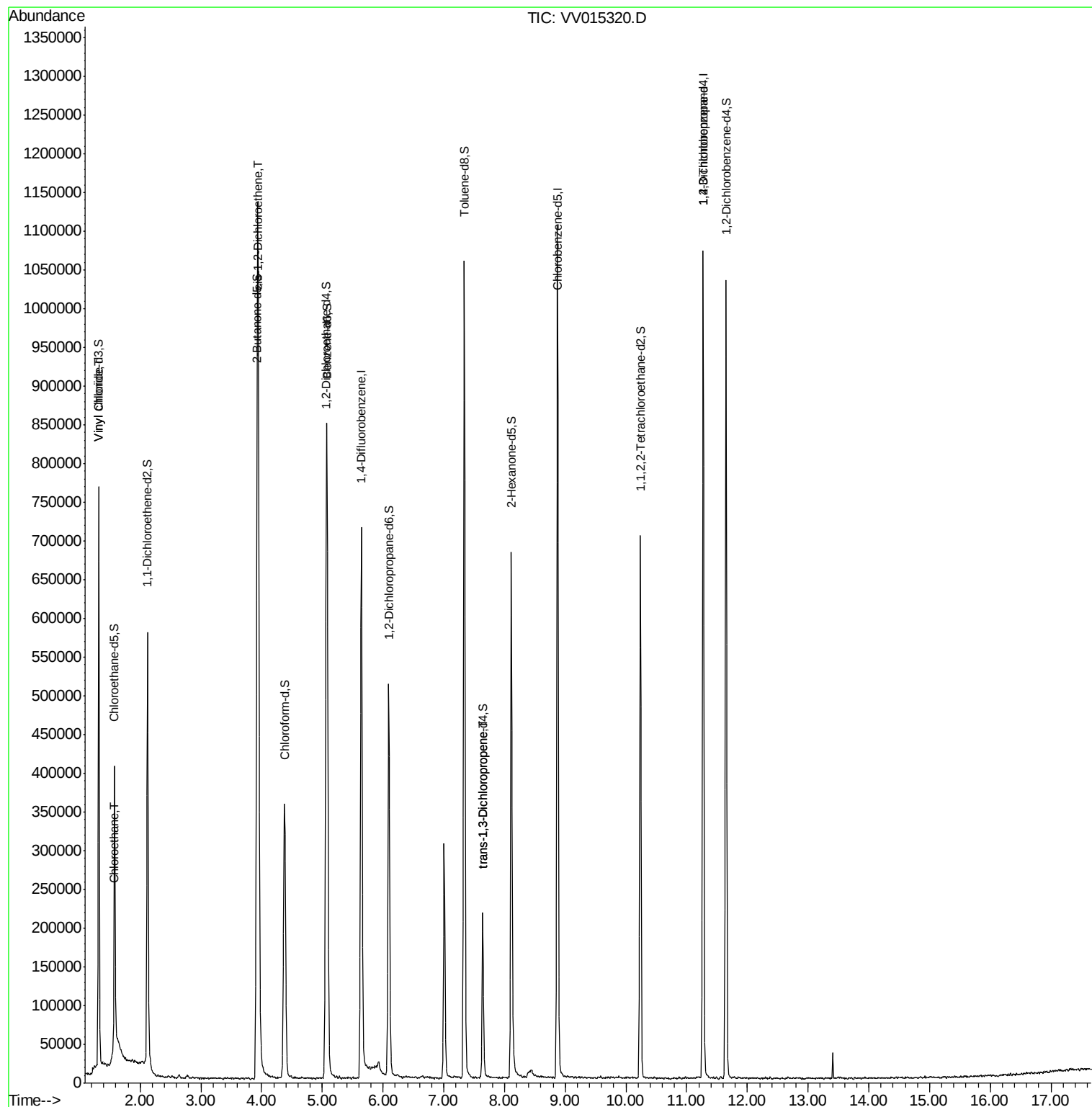
					Ovalue
5) Vinyl chloride	1.32	62	305155	62.097 ug/L	96
8) Chloroethane	1.56	64	15015	4.431 ug/L #	54
20) cis-1,2-Dichloroethene	3.94	96	566575	139.483 ug/L #	99
44) trans-1,3-Dichloropropene	7.64	75	5753	0.903 ug/L	92
59) 1,2,3-Trichloropropane	11.27	75	34861	6.565 ug/L	89

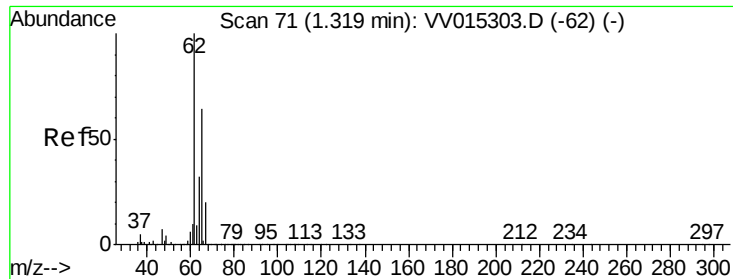
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 62.097 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015320.D

Acq: 31 Mar 2020 17:49

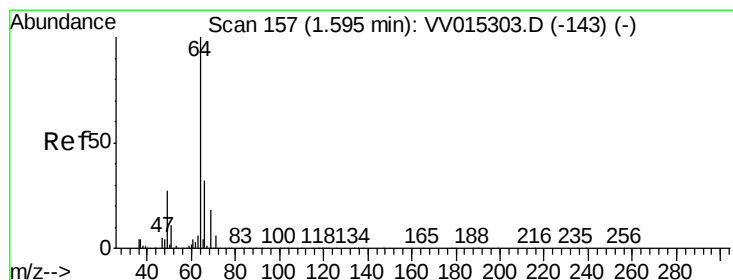
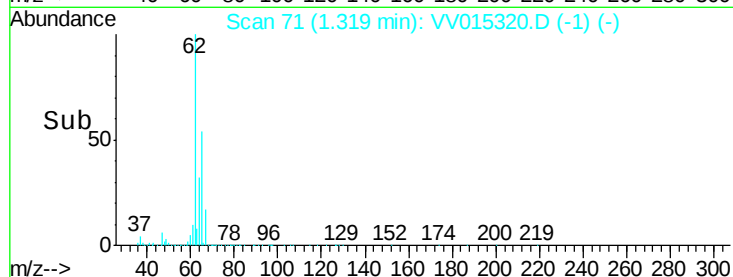
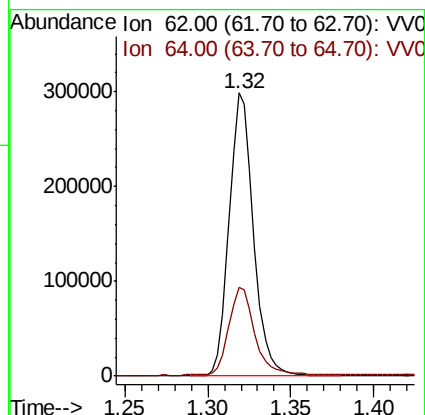
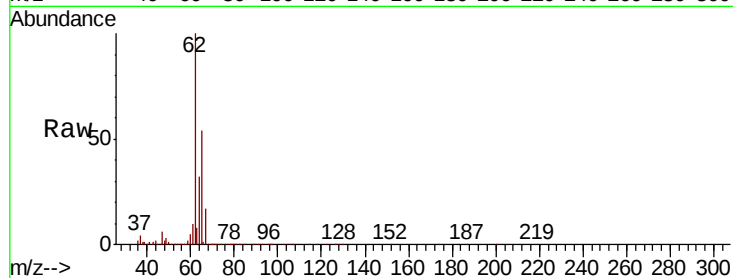
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 305155

Ion Ratio Lower Upper

62 100

64 31.6 23.9 44.3



#8

Chloroethane

Concen: 4.431 ug/L

RT: 1.56 min Scan# 146

Delta R.T. -0.04 min

Lab File: VV015320.D

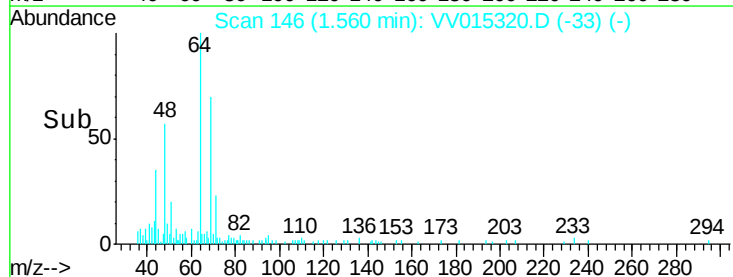
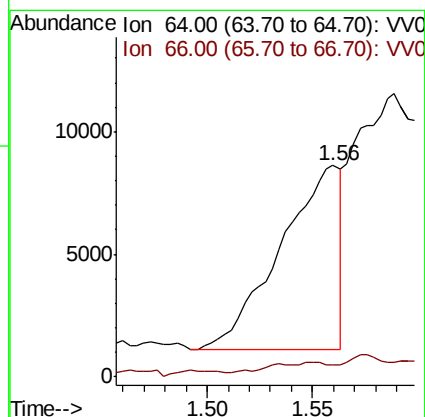
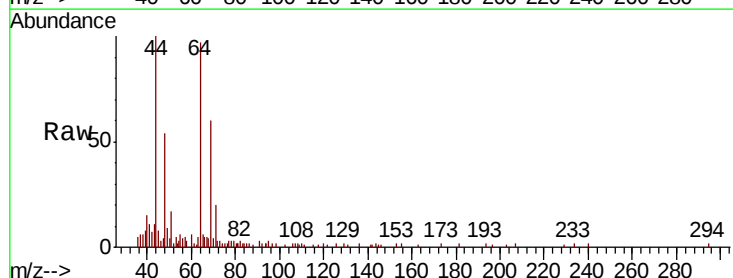
Acq: 31 Mar 2020 17:49

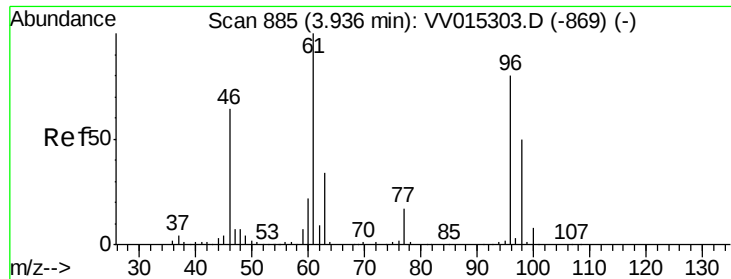
Tgt Ion: 64 Resp: 15015

Ion Ratio Lower Upper

64 100

66 5.5 21.5 39.9#

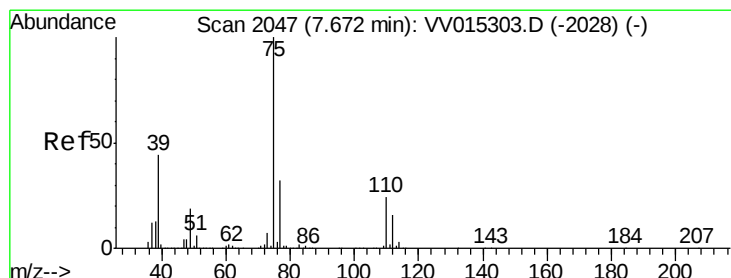
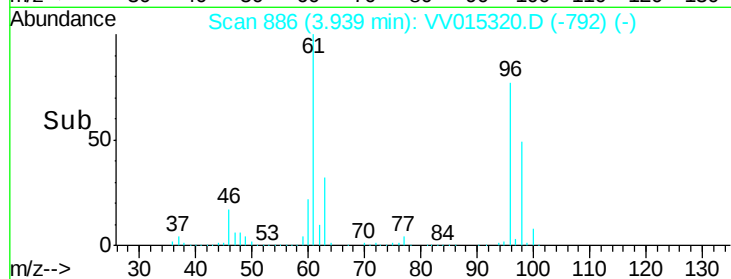
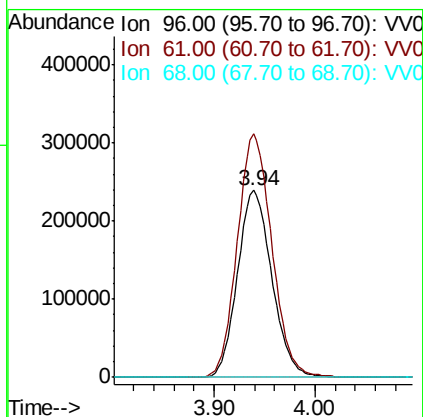
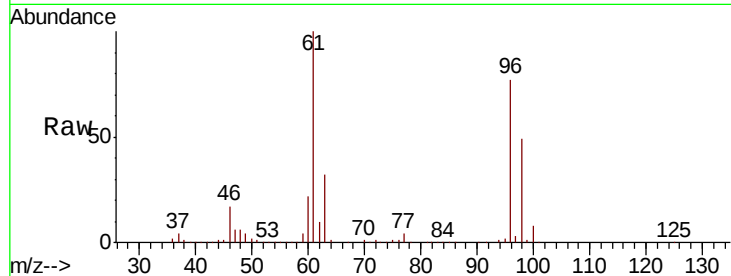




#20
 cis-1,2-Dichloroethene
 Concen: 139.483 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015320.D
 Acq: 31 Mar 2020 17:49

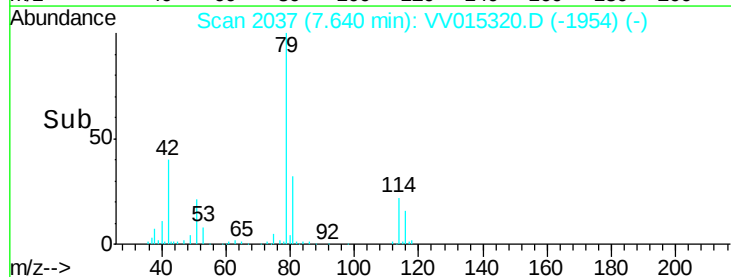
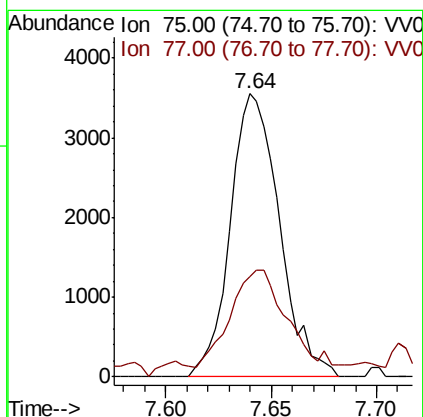
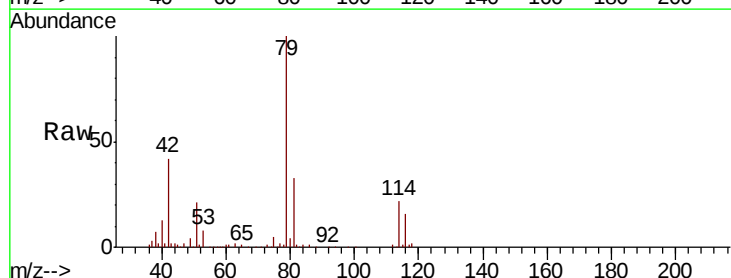
Instrument :
 MSVOA_V
 ClientSampled :

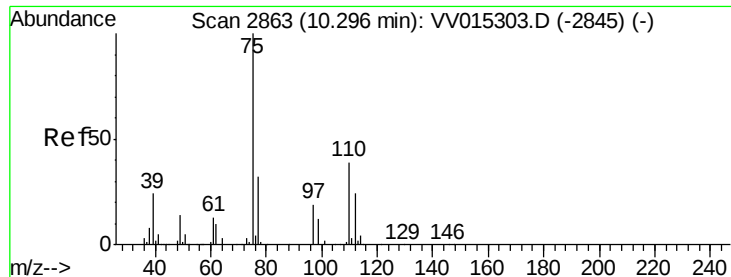
Tot Ion: 96 Resp: 566575
 Ion Ratio Lower Upper
 96 100
 61 130.1 90.2 167.6
 68 0.0 0.1 0.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV015320.D
 Acq: 31 Mar 2020 17:49

Tgt Ion: 75 Resp: 5753
 Ion Ratio Lower Upper
 75 100
 77 35.4 21.8 40.4





#59

1,2,3-Trichloropropane

Concen: 6.565 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015320.D

Acq: 31 Mar 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 34861

Ion Ratio Lower Upper

75 100

77 36.7 24.7 37.1

