

Data File : VV014706.D
Acq On : 25 Feb 2020 11:59
Operator : SY/MD
Sample : VV0225WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Quant Time: Feb 26 01:10:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 26 01:08:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213724	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93974	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34766	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.30%
7) Chloroethane-d5	1.58	69	26596	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.13	63	54999	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	3.95	46	73061	94.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.16%
24) Chloroform-d	4.40	84	122532	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.08	65	86593	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.09	84	242975	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.11	67	69145	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.36	98	228817	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.66	79	40023	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.52%
47) 2-Hexanone-d5	8.13	63	59031	95.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	99182	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
64) 1,2-Dichlorobenzene-d4	11.67	152	89048	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%

Target Compounds

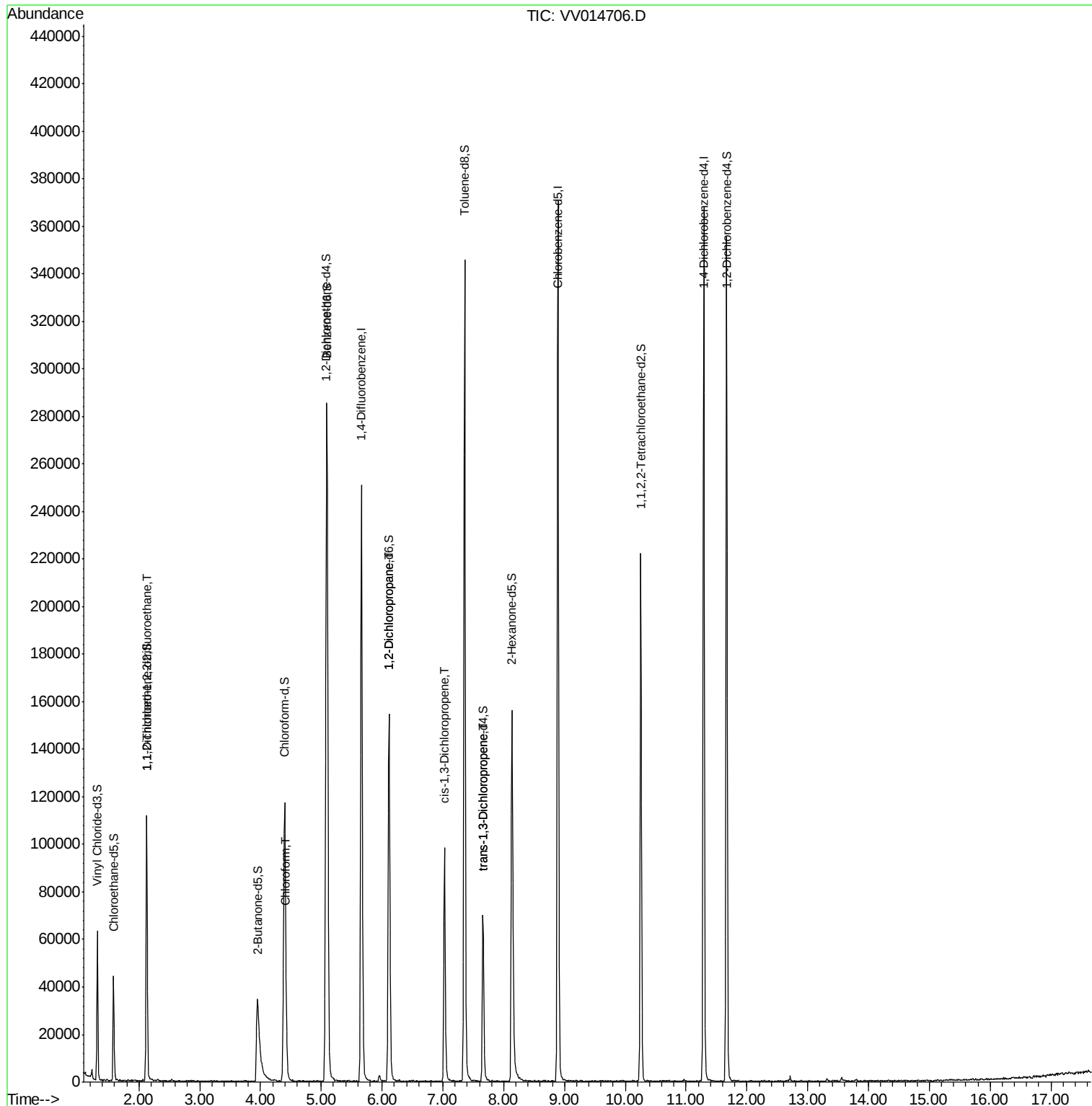
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	614	0.848	ug/L #	17
25) Chloroform	4.43	83	5419	2.046	ug/L	83
37) 1,2-Dichloropropane	6.12	63	8656	6.858	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2821	1.252	ug/L	89
44) trans-1,3-Dichloropropene	7.66	75	2124	1.039	ug/L #	75

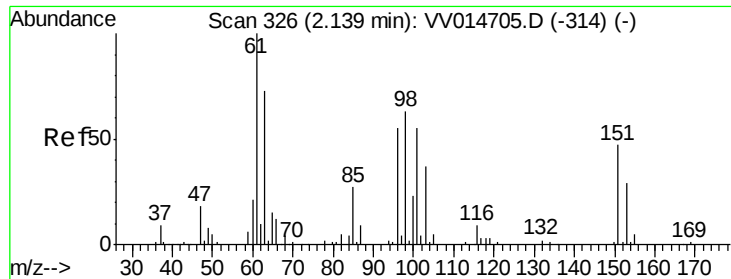
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.848 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

VBLK77

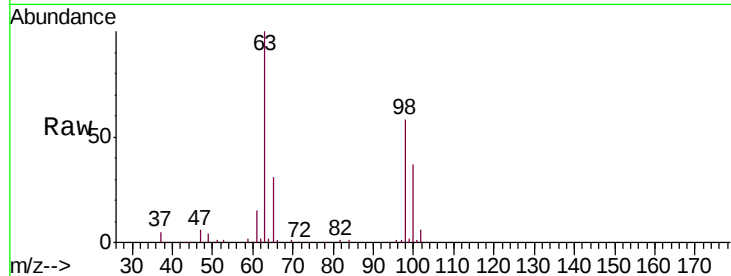
Tgt Ion:101 Resp: 614

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

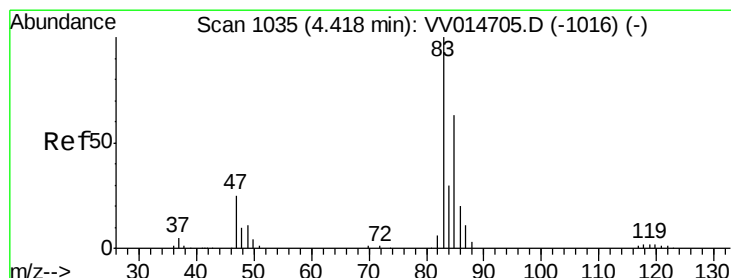
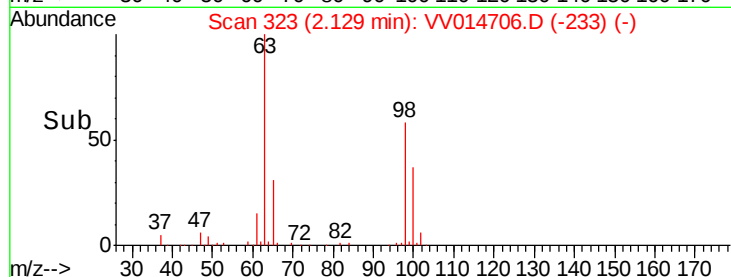
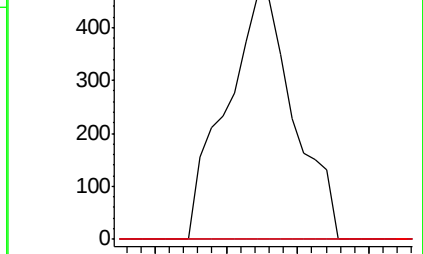
151 0.0 64.6 96.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 2.046 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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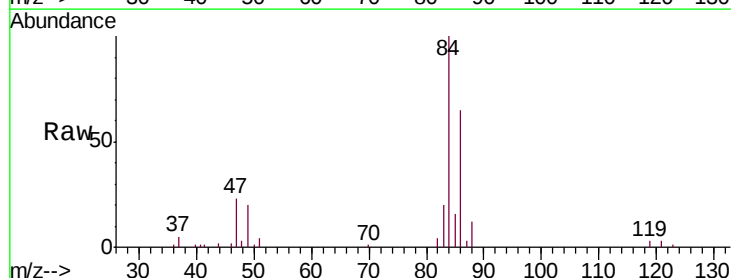
Acq: 25 Feb 2020 11:59

Tgt Ion: 83 Resp: 5419

Ion Ratio Lower Upper

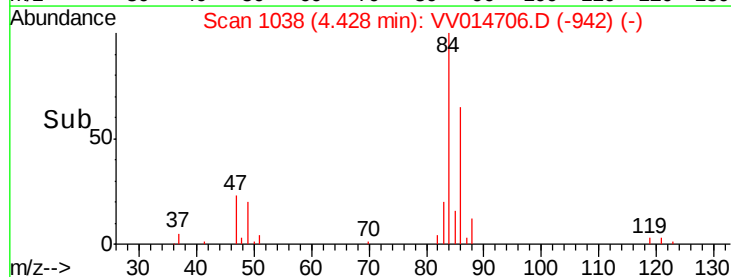
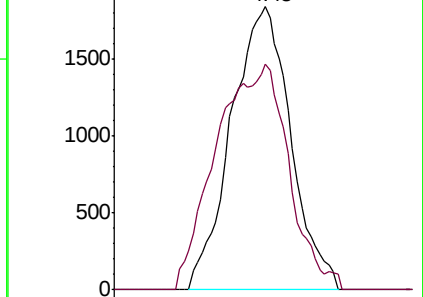
83 100

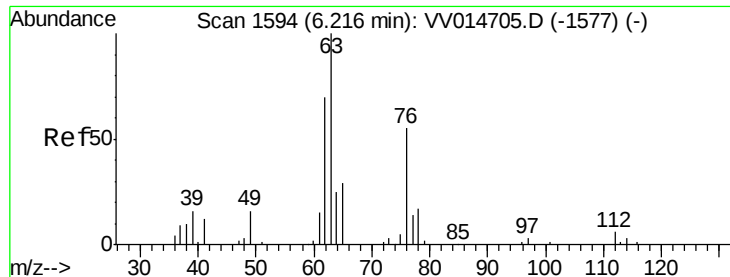
85 79.7 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

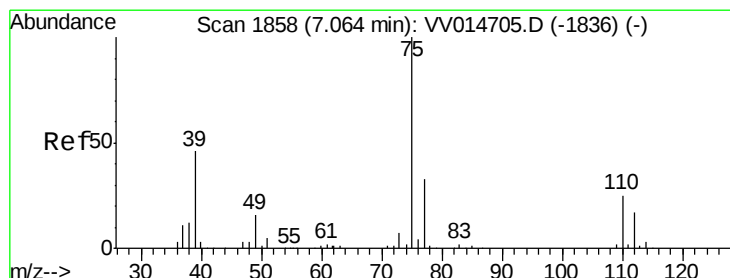
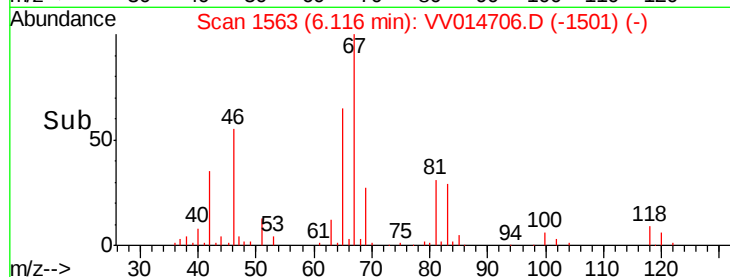
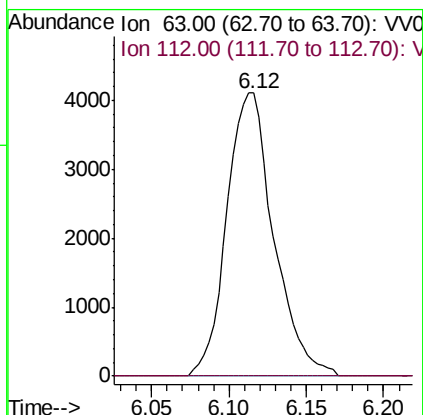
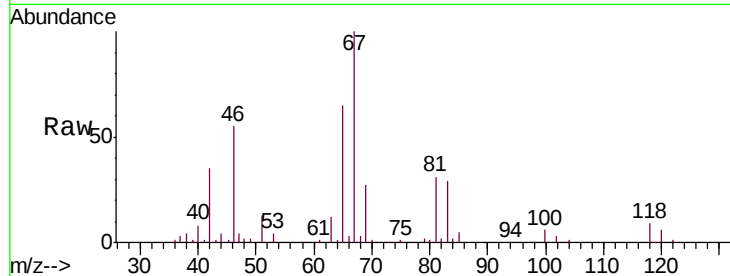




#37
 1,2-Dichloropropane
 Concen: 6.858 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014706.D
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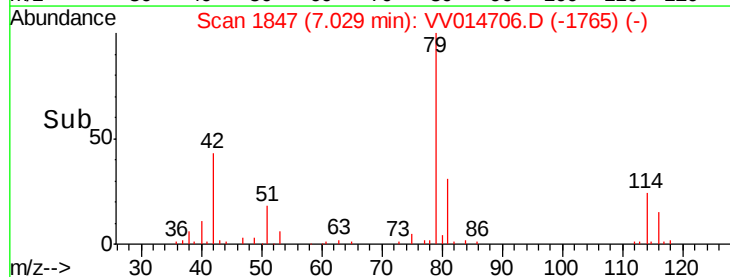
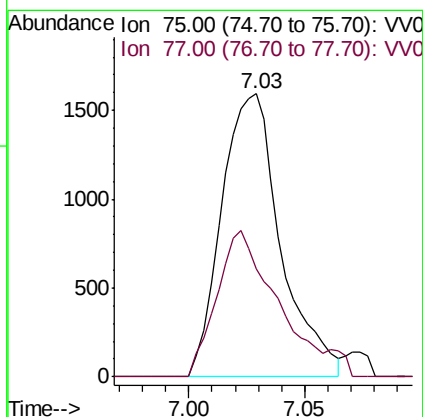
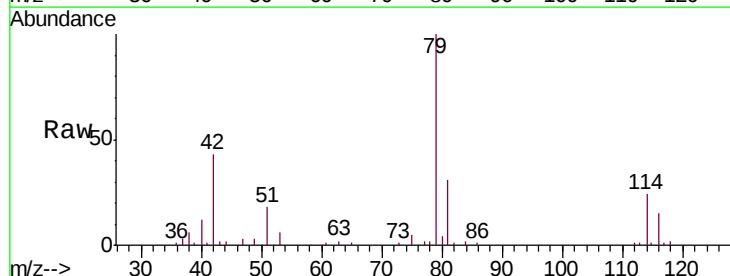
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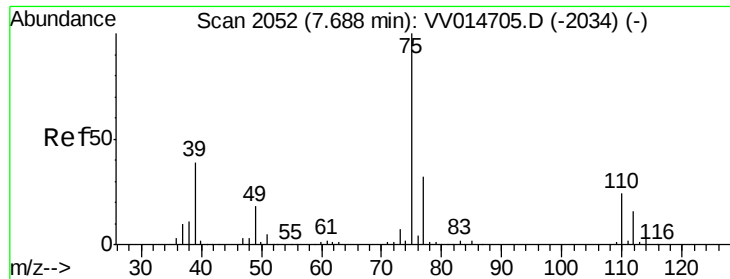
Tgt Ion: 63 Resp: 8656
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.252 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014706.D
 Acq: 25 Feb 2020 11:59

Tgt Ion: 75 Resp: 2821
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.4 41.6





#44

trans-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014706.D

Acq: 25 Feb 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK77

Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 45.0 21.9 40.7#

