

Data File : VV014621.D
Acq On : 20 Feb 2020 14:16
Operator : SY/MD
Sample : L1584-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AM5

Quant Time: Feb 21 03:34:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	221914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	109238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41686	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.00%
7) Chloroethane-d5	1.59	69	33277	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.30%
11) 1,1-Dichloroethene-d2	2.13	63	58951	38.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.12%
21) 2-Butanone-d5	3.92	46	88630	116.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.67%
24) Chloroform-d	4.40	84	141632	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
26) 1,2-Dichloroethane-d4	5.08	65	97370	58.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.50%
32) Benzene-d6	5.10	84	298378	56.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.44%
36) 1,2-Dichloropropane-d6	6.11	67	90988	56.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.84%
41) Toluene-d8	7.36	98	275278	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%
43) trans-1,3-Dichloropropene-	7.66	79	48464	54.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.96%
47) 2-Hexanone-d5	8.13	63	74446	116.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.55%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	128390	59.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	112474	58.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.56%

Target Compounds

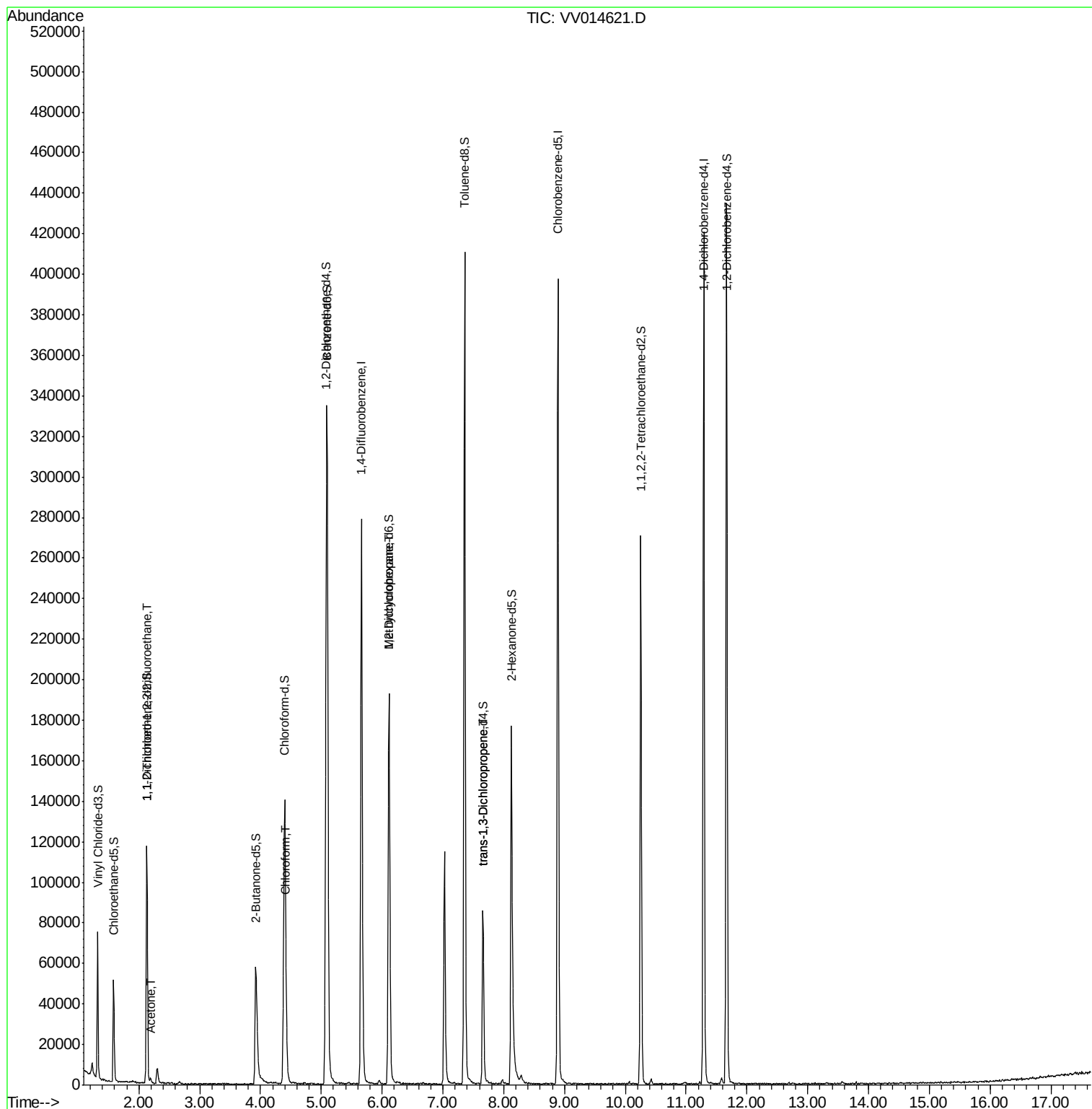
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	609	0.774 ug/L #	17
13) Acetone	2.19	43	2165	3.322 ug/L	94
25) Chloroform	4.43	83	9095	3.248 ug/L	93
35) Methylcyclohexane	6.12	83	23741	9.644 ug/L #	19
44) trans-1,3-Dichloropropene	7.66	75	2405	1.049 ug/L #	78

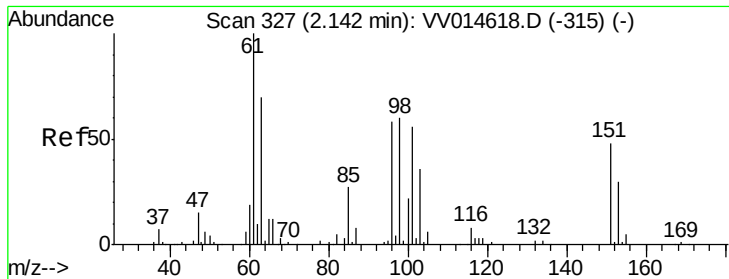
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.774 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

C0AM5

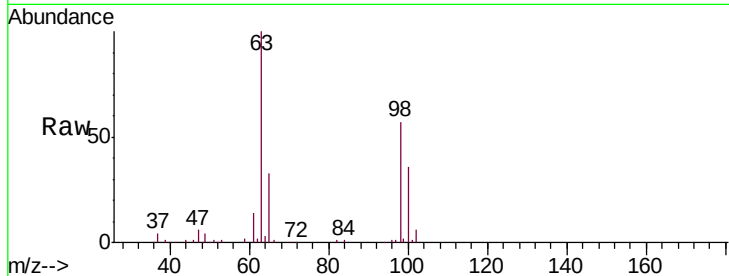
Tgt Ion: 101 Resp: 609

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

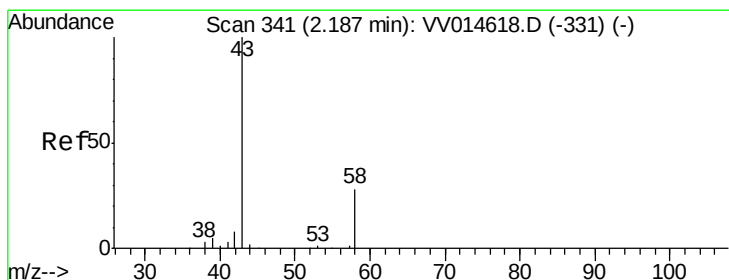
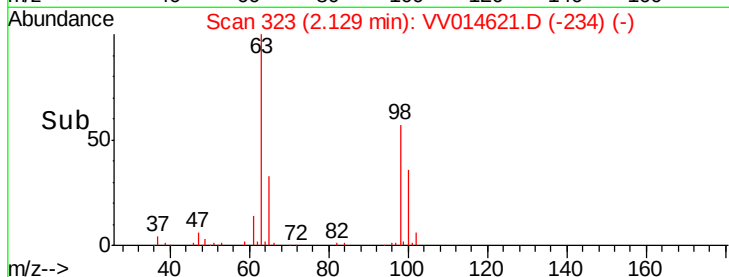
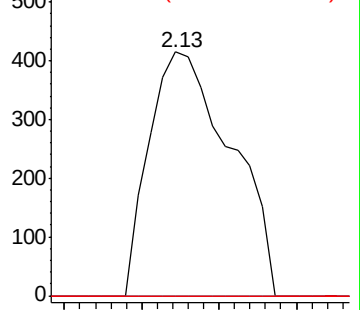
151 0.0 65.4 98.2#



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



#13

Acetone

Concen: 3.322 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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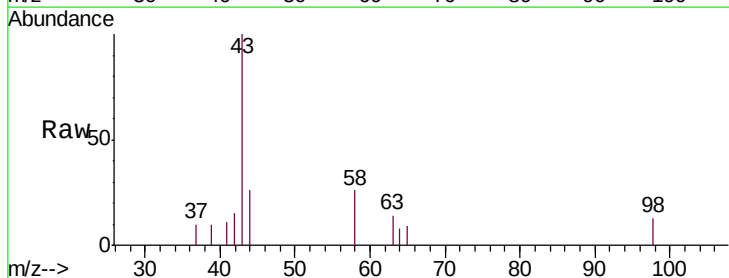
Acq: 20 Feb 2020 14:16

Tgt Ion: 43 Resp: 2165

Ion Ratio Lower Upper

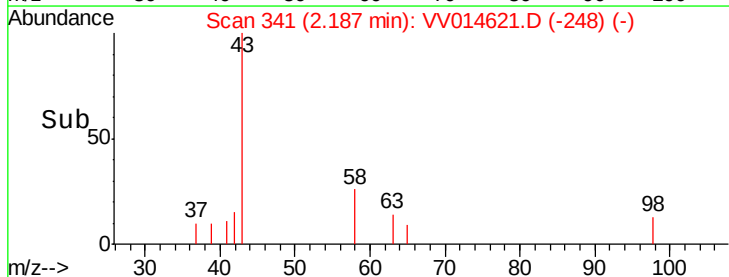
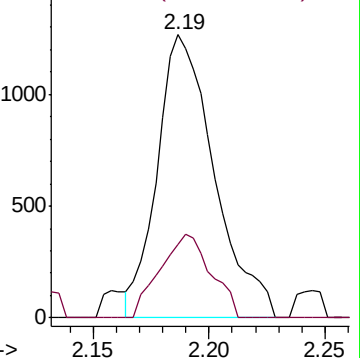
43 100

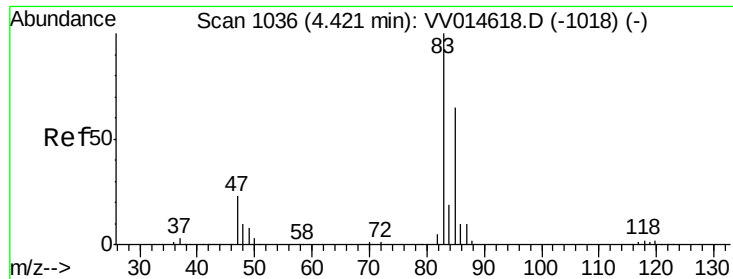
58 26.3 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

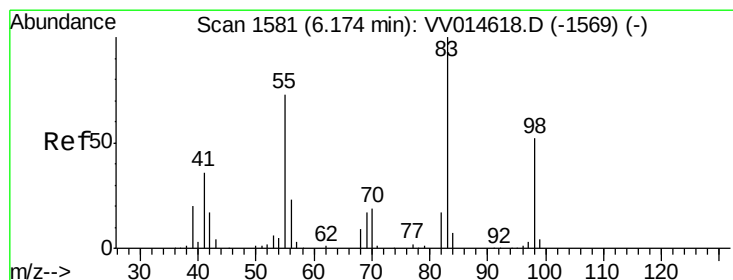
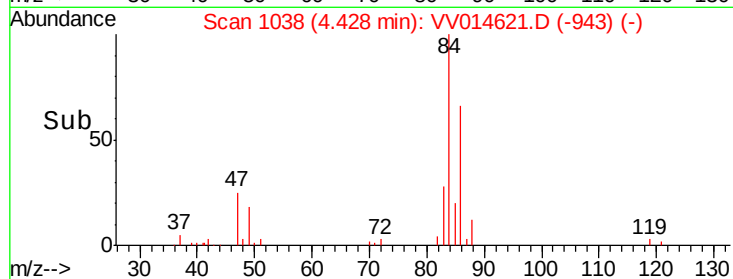
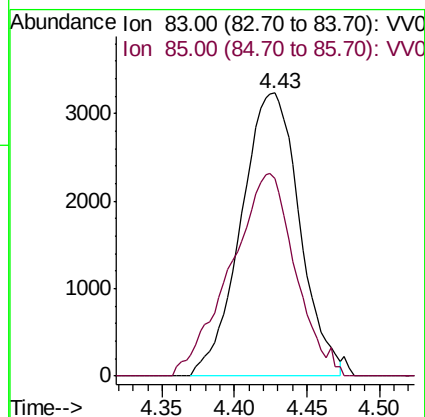
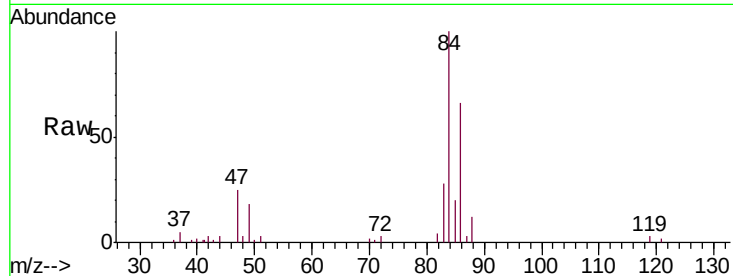




#25
Chloroform
Concen: 3.248 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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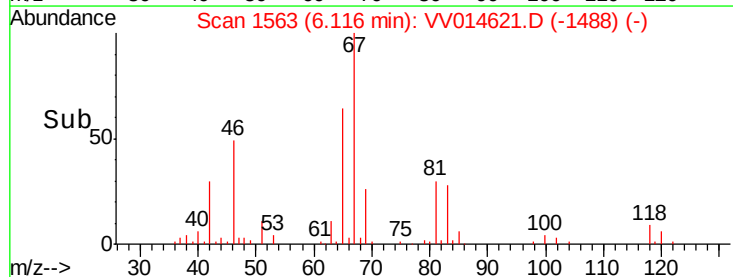
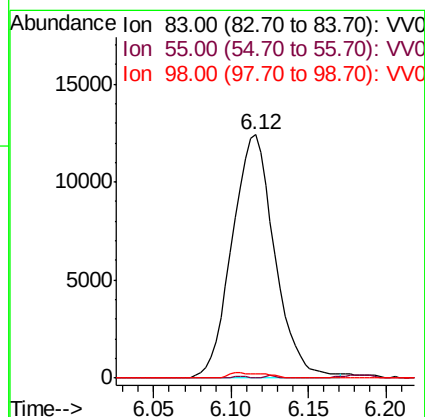
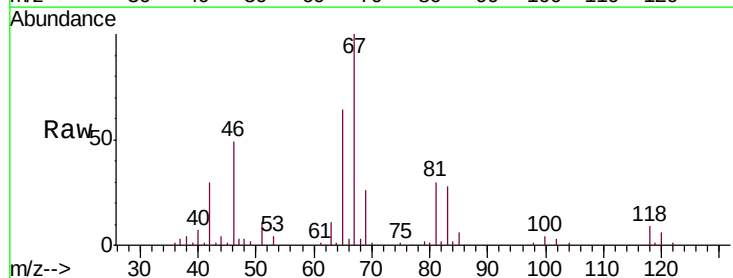
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C0AM5

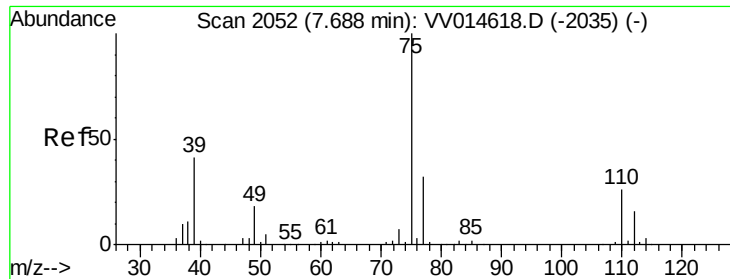
Tgt Ion: 83 Resp: 9095
Ion Ratio Lower Upper
83 100
85 69.7 45.0 83.6



#35
Methylcyclohexane
Concen: 9.644 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014621.D
Acq: 20 Feb 2020 14:16

Tgt Ion: 83 Resp: 23741
Ion Ratio Lower Upper
83 100
55 0.3 57.8 86.6#
98 0.0 39.7 59.5#





#44

trans-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014621.D

Acq: 20 Feb 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

C0AM5

Tgt Ion: 75 Resp: 2405

Ion Ratio Lower Upper

75 100

77 43.3 21.7 40.3#

