

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014631.D
 Acq On : 20 Feb 2020 18:10
 Operator : SY/MD
 Sample : L1607-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP3

Quant Time: Feb 21 04:43:29 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	267362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52330	50.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.94%
7) Chloroethane-d5	1.58	69	37057	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.13	63	71867	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
21) 2-Butanone-d5	3.94	46	92208	108.30	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.40	84	151601	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.08	65	103969	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.94%
32) Benzene-d6	5.10	84	327899	54.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.76%
36) 1,2-Dichloropropane-d6	6.11	67	95752	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.36	98	303926	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	7.66	79	50906	51.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.60%
47) 2-Hexanone-d5	8.13	63	76789	106.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.79%
57) 1,1,1,2,2-Tetrachloroethane-	10.25	84	129458	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	117935	55.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.94%

Target Compounds

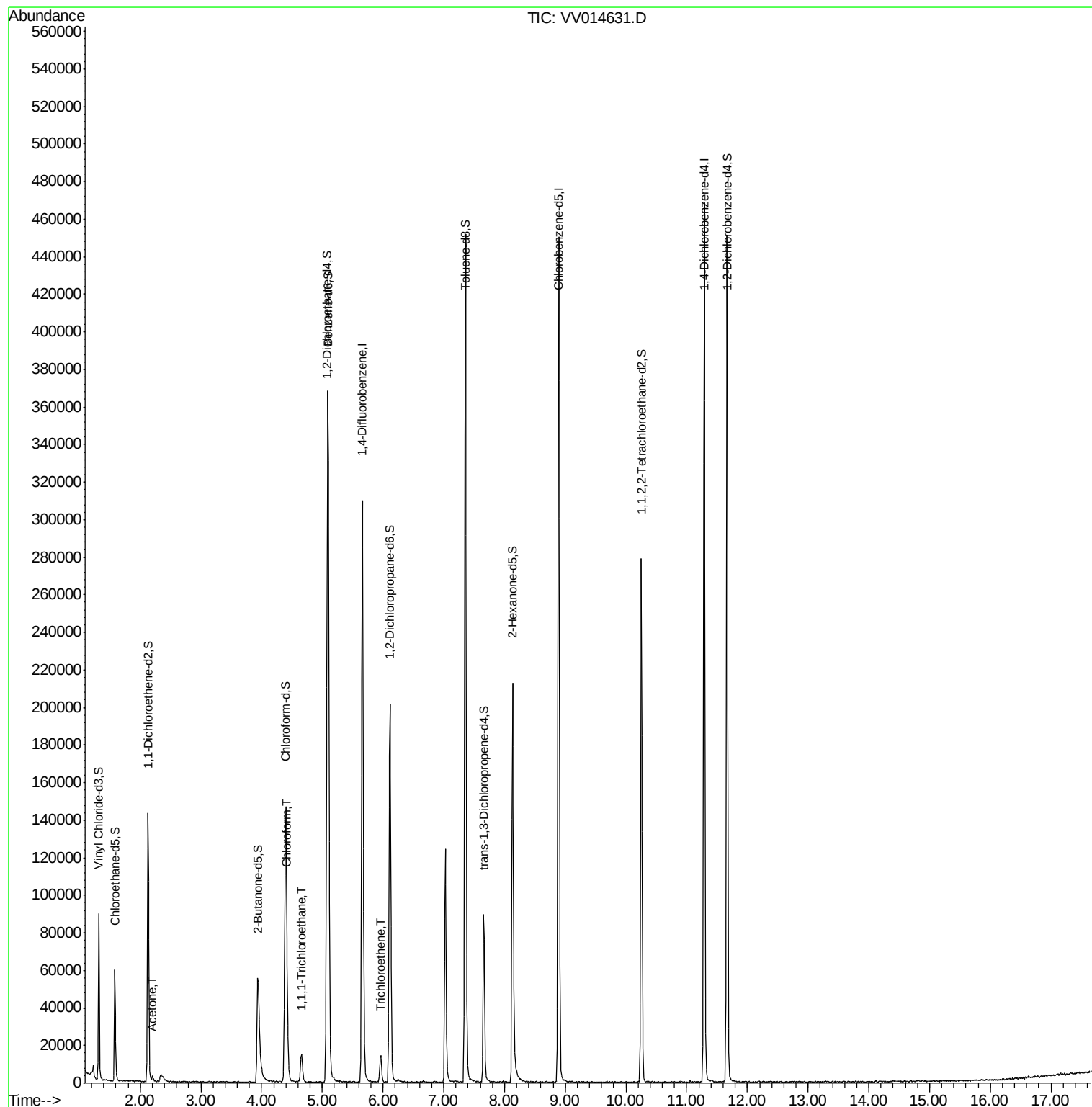
					Ovalue
13) Acetone	2.20	43	2291	3.136 ug/L	99
25) Chloroform	4.42	83	11084	3.532 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	11389	4.191 ug/L	97
34) Trichloroethene	5.96	95	4747	2.682 ug/L	97

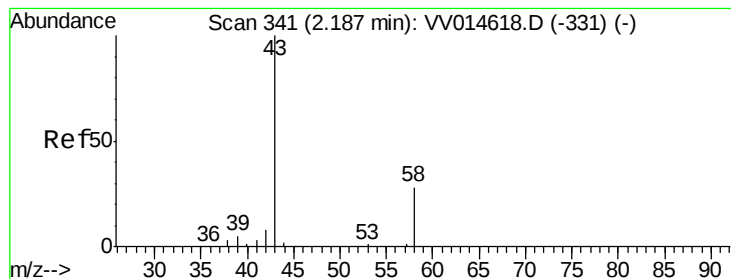
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.136 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

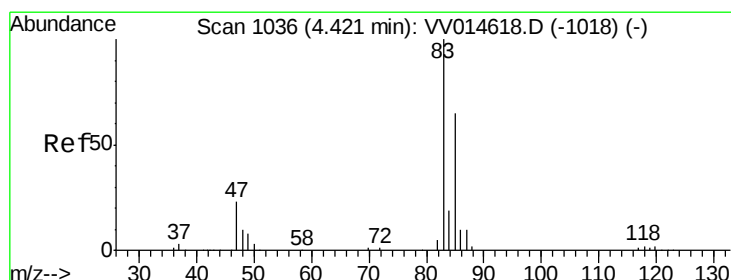
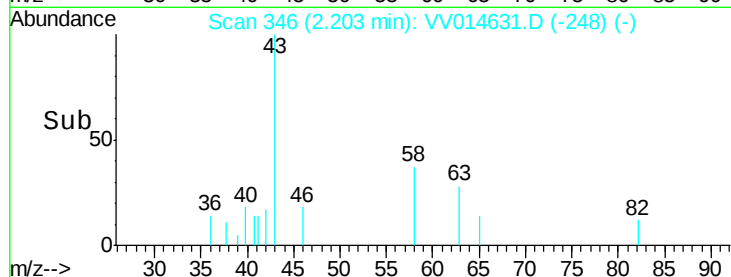
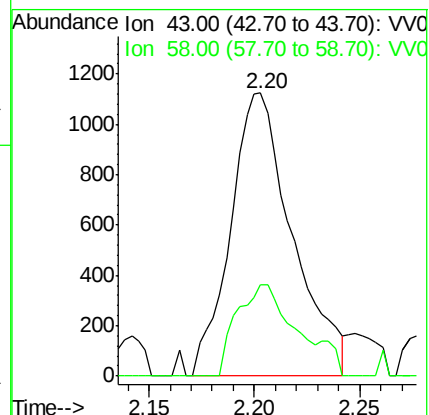
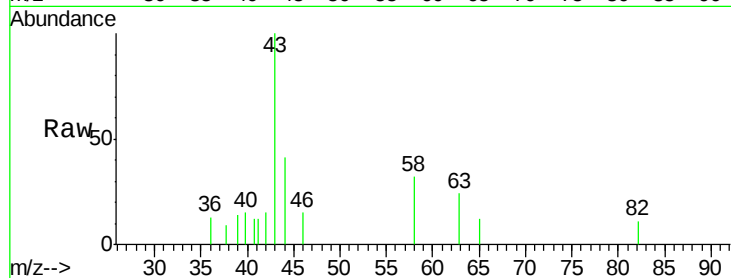
Instrument :
MSVOA_V
ClientSampled :
C0AP3

Tot Ion: 43 Resp: 2291

Ion Ratio Lower Upper

43 100

58 28.6 0.0 58.8



#25

Chloroform

Concen: 3.532 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014631.D

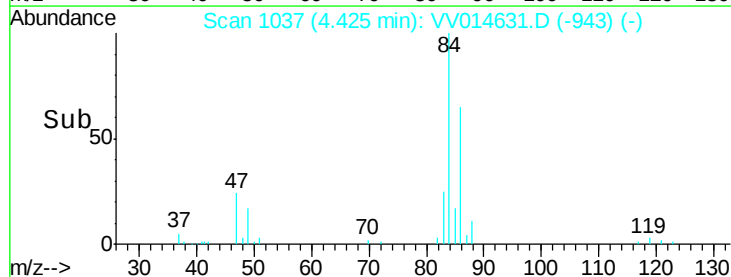
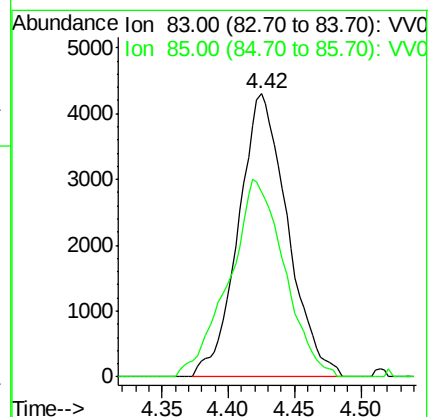
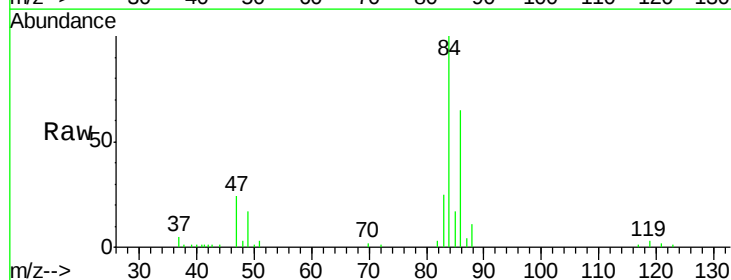
Acq: 20 Feb 2020 18:10

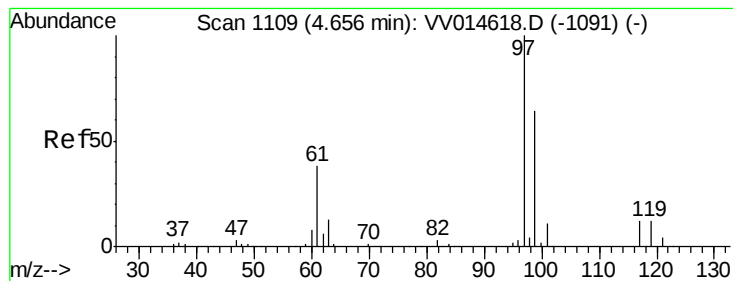
Tgt Ion: 83 Resp: 11084

Ion Ratio Lower Upper

83 100

85 65.4 45.0 83.6





#30

1,1,1-Trichloroethane

Concen: 4.191 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AP3

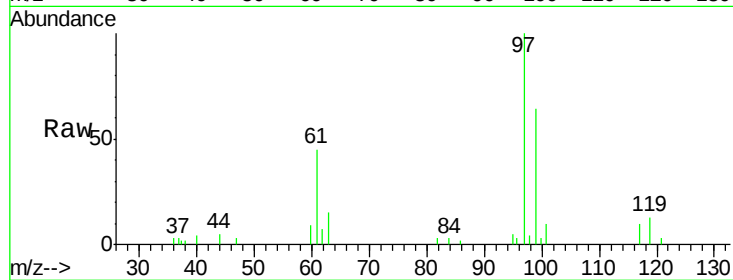
Tot Ion: 97 Resp: 11389

Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

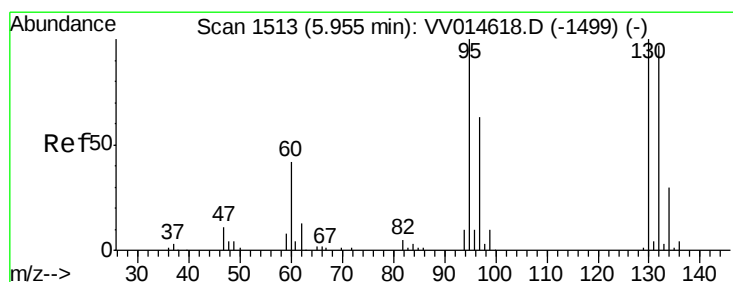
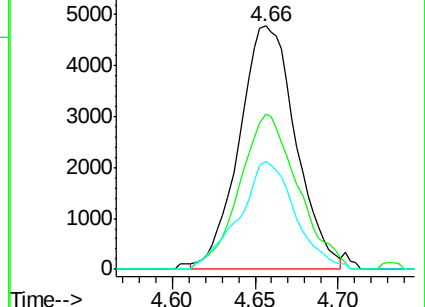
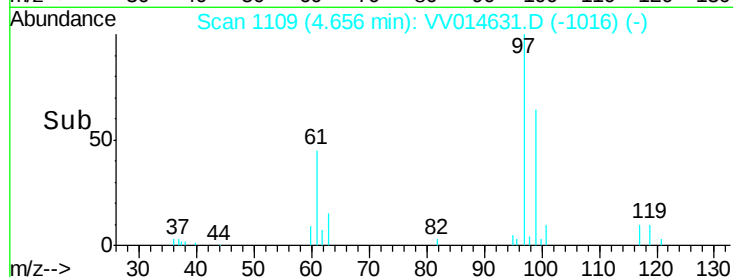
61 44.0 32.4 48.6



Abundance Ion 97.00 (96.70 to 97.70): VV014631.D (-1091) (-)

Ion 99.00 (98.70 to 99.70): VV014631.D (-1091) (-)

Ion 61.05 (60.75 to 61.75): VV014631.D (-1091) (-)



#34

Trichloroethene

Concen: 2.682 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014631.D

Acq: 20 Feb 2020 18:10

Tgt Ion: 95 Resp: 4747

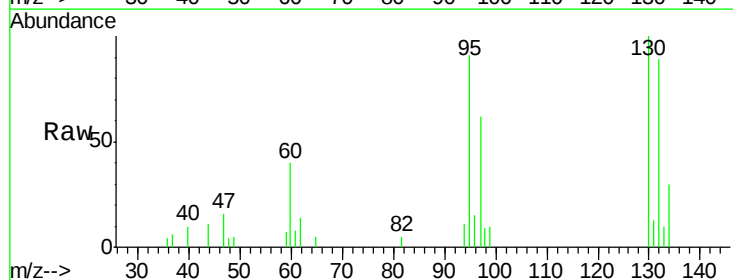
Ion Ratio Lower Upper

95 100

97 68.1 45.3 84.1

132 98.1 69.6 129.2

130 110.4 74.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VV014631.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV014631.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV014631.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV014631.D (-1499) (-)

