

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014627.D
 Acq On : 20 Feb 2020 16:36
 Operator : SY/MD
 Sample : L1607-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN6

Quant Time: Feb 21 04:25:27 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	273417	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	123811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34543	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.80%
7) Chloroethane-d5	1.59	69	29579	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.10%
11) 1,1-Dichloroethene-d2	2.13	63	53453	30.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.02%
21) 2-Butanone-d5	3.94	46	84567	97.12	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.40	84	132433	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
26) 1,2-Dichloroethane-d4	5.08	65	90873	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.10	84	273061	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
36) 1,2-Dichloropropane-d6	6.12	67	84093	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.36	98	255883	43.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.02%
43) trans-1,3-Dichloropropene-	7.66	79	44159	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.13	63	70699	96.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	120323	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.67	152	103928	47.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.02%

Target Compounds

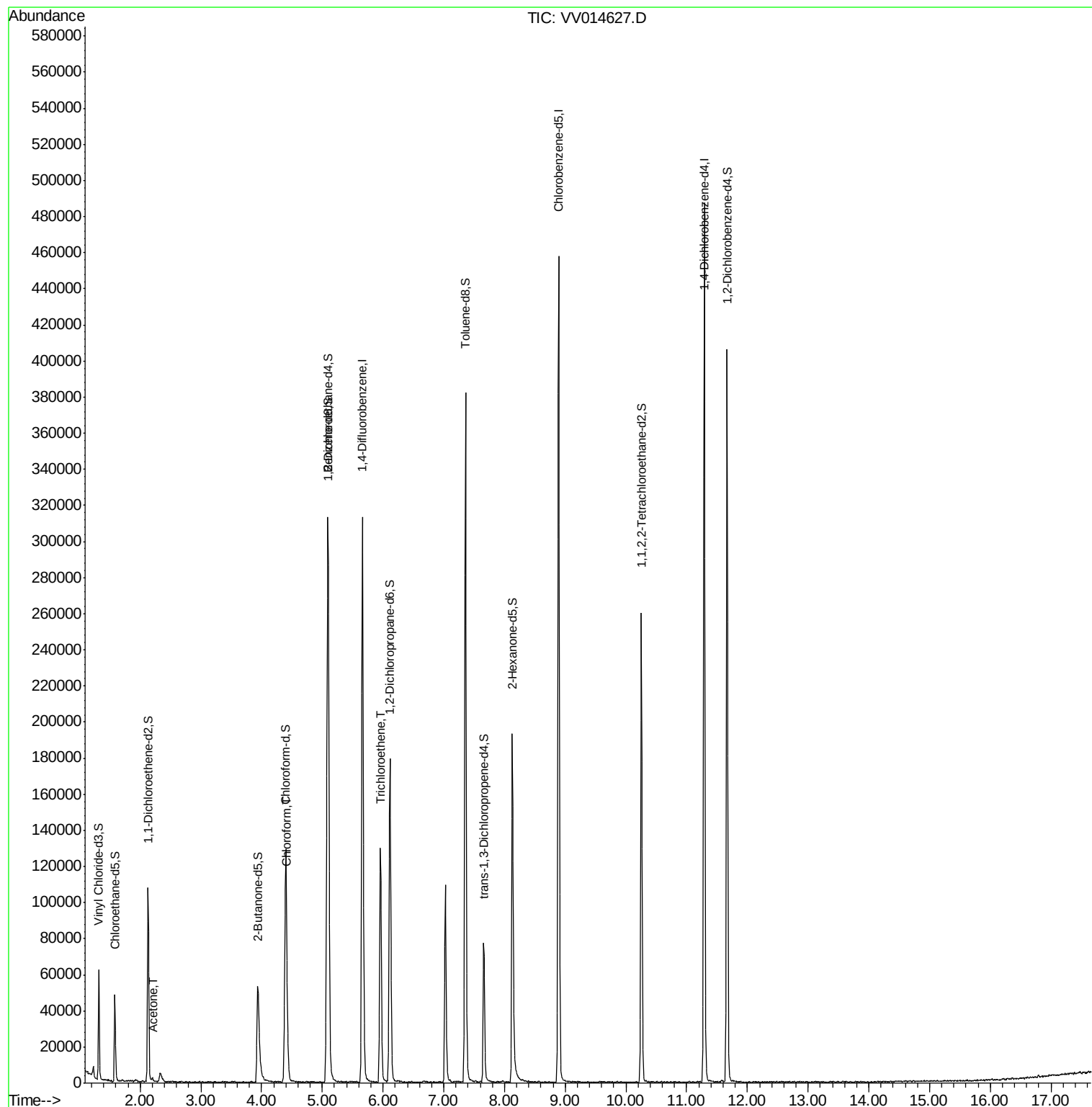
					Ovalue
13) Acetone	2.20	43	1773	2.373 ug/L	91
25) Chloroform	4.42	83	9323	2.905 ug/L	87
34) Trichloroethene	5.96	95	45730	25.254 ug/L	97

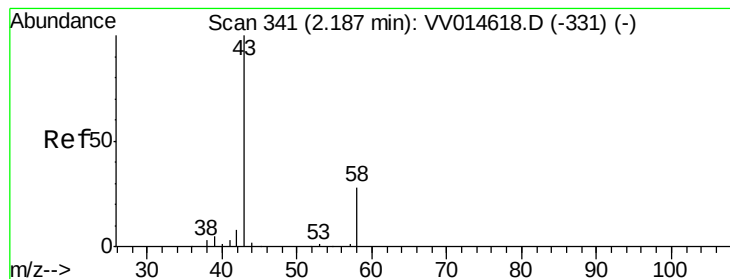
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.373 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

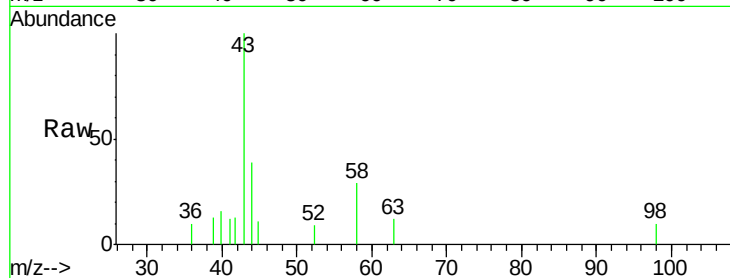
C0AN6

Tot Ion: 43 Resp: 1773

Ion Ratio Lower Upper

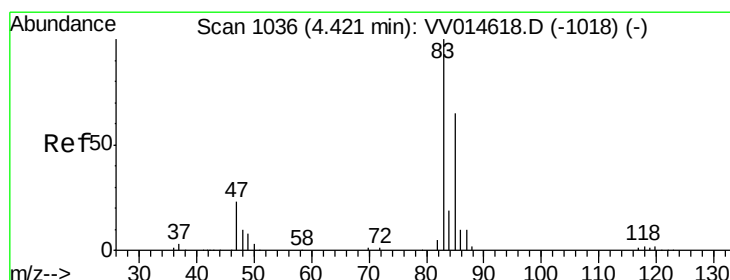
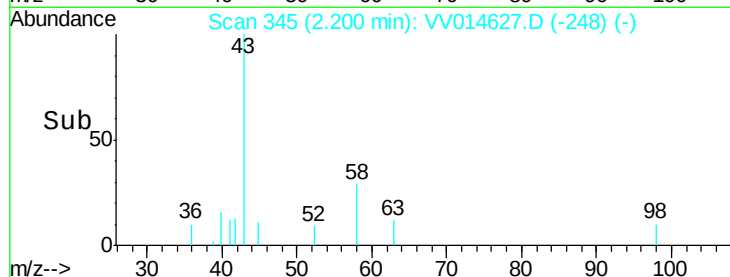
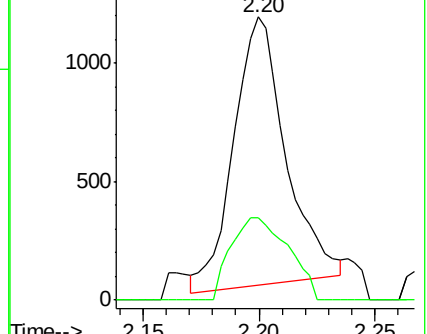
43 100

58 34.0 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: 2.905 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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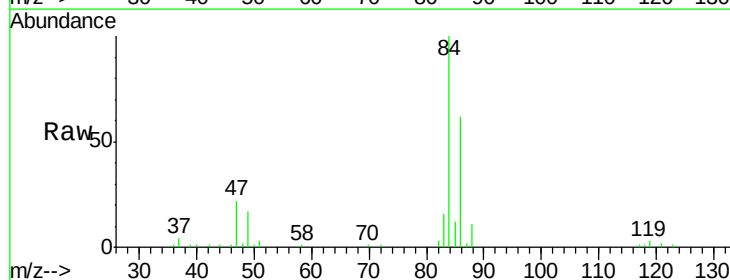
Acq: 20 Feb 2020 16:36

Tgt Ion: 83 Resp: 9323

Ion Ratio Lower Upper

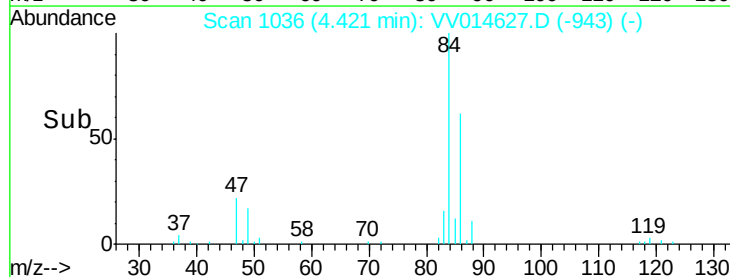
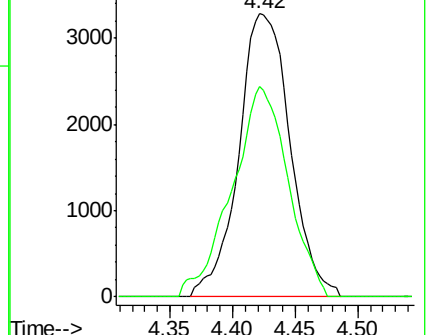
83 100

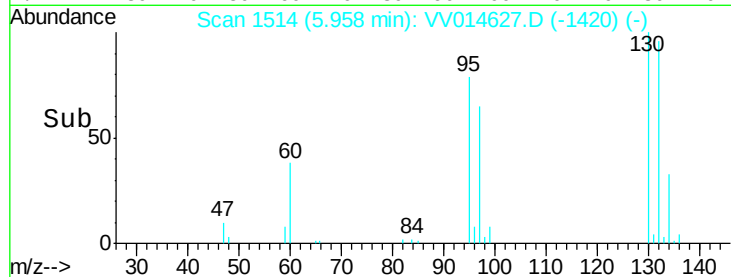
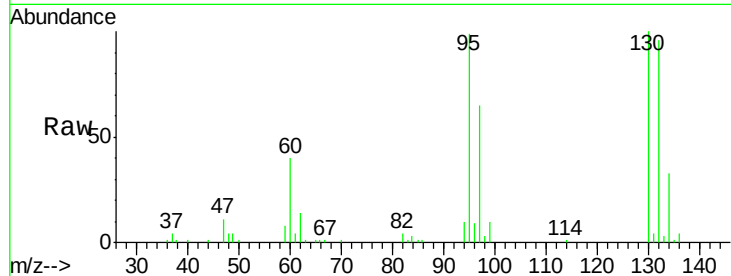
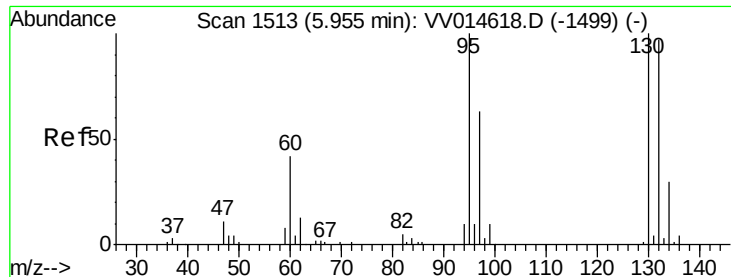
85 74.5 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 25.254 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 45730

Ion Ratio Lower Upper

95 100

97 65.7 45.3 84.1

132 96.8 69.6 129.2

130 101.3 74.0 137.4

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

