

Data File : VV014087.D
Acq On : 17 Dec 2019 12:48
Operator : SY/MD
Sample : K6314-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF22

Quant Time: Dec 18 06:55:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 06:35:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	689649	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	692723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	307478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	241683	60.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.18%
7) Chloroethane-d5	1.58	69	221166	53.12	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.24%
11) 1,1-Dichloroethene-d2	2.13	63	323573	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	3.92	46	285898	101.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	4.40	84	435057	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	5.08	65	275574	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.10	84	866365	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.11	67	272285	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.06%
41) Toluene-d8	7.36	98	720160	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%
43) trans-1,3-Dichloropropene-	7.66	79	112130	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.13	63	195312	97.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	362583	46.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	308276	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

Target Compounds

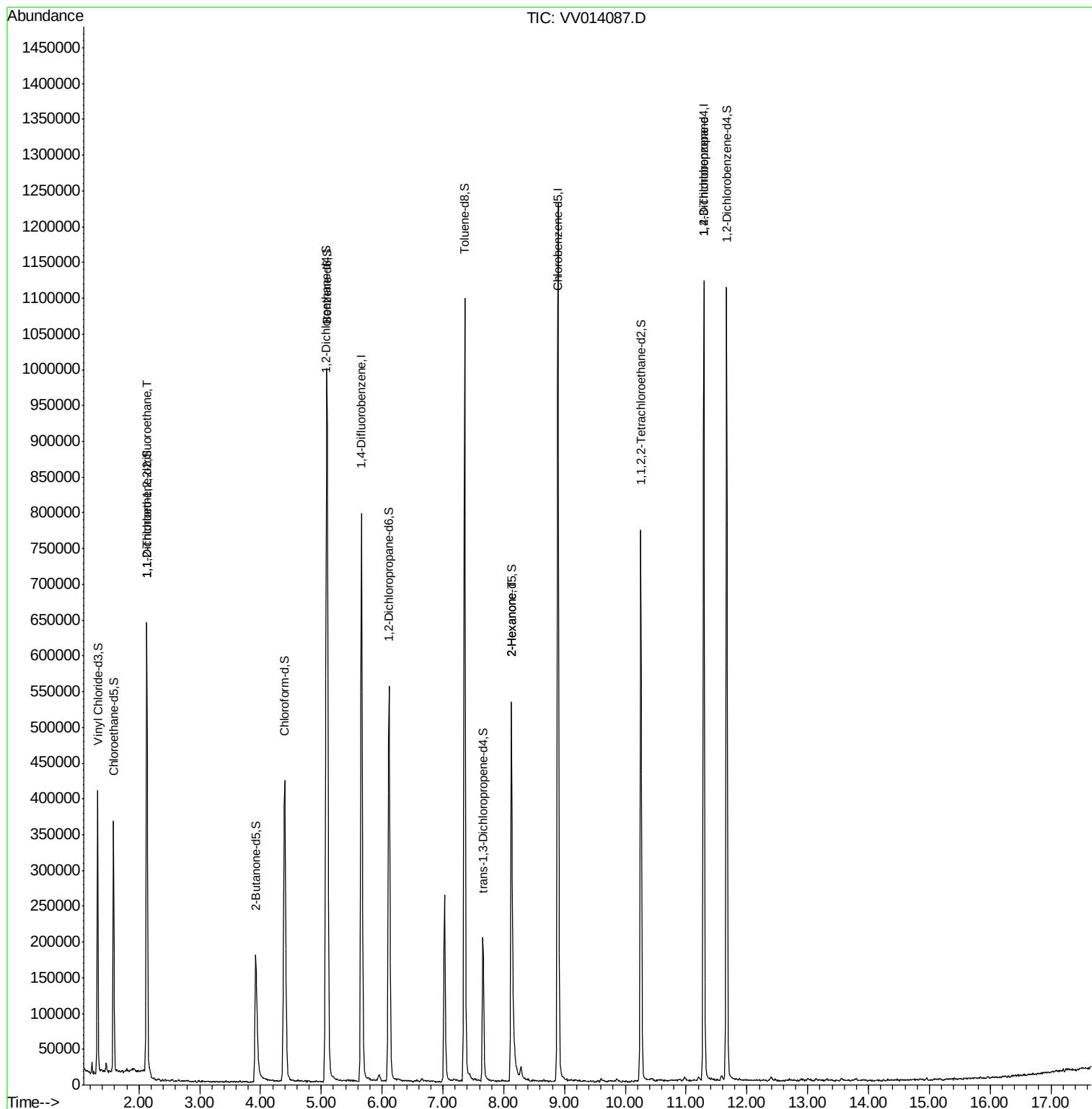
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3542	0.683	ug/L #	17
48) 2-Hexanone	8.13	43	23714	4.566	ug/L #	54
59) 1,2,3-Trichloropropane	11.29	75	30606	4.530	ug/L	91

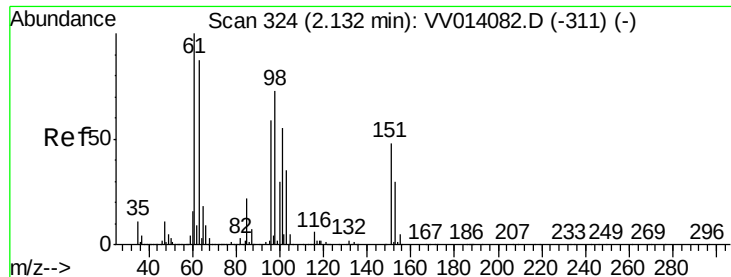
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.683 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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MSVOA_V

ClientSampled :

BFF22

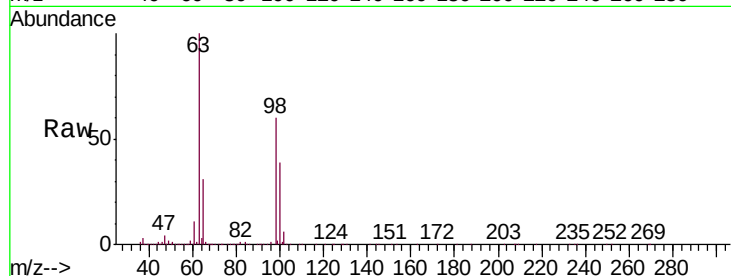
Tgt Ion: 101 Resp: 3542

Ion Ratio Lower Upper

101 100

85 1.4 32.5 48.7#

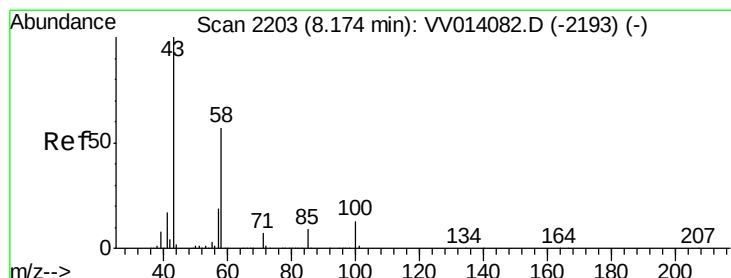
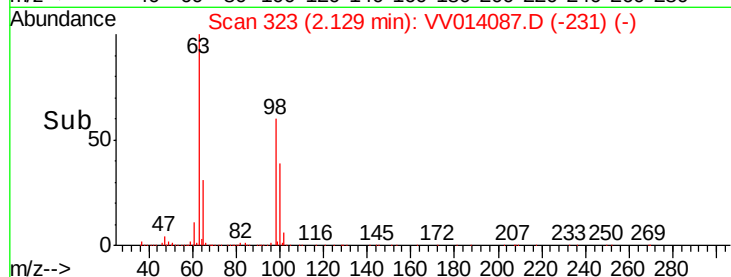
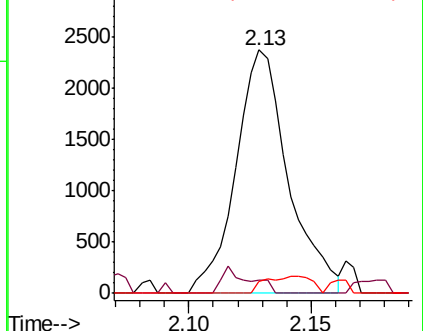
151 2.1 69.8 104.6#



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



#48

2-Hexanone

Concen: 4.566 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 23714

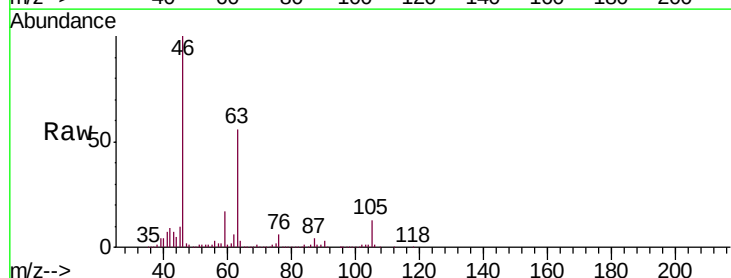
Ion Ratio Lower Upper

43 100

58 17.0 48.4 72.6#

57 32.6 16.6 24.8#

100 3.5 11.9 17.9#

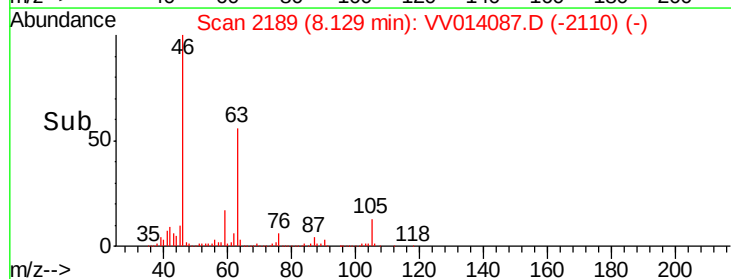
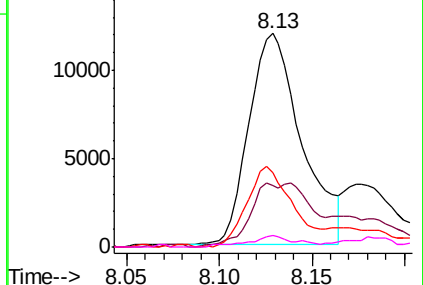


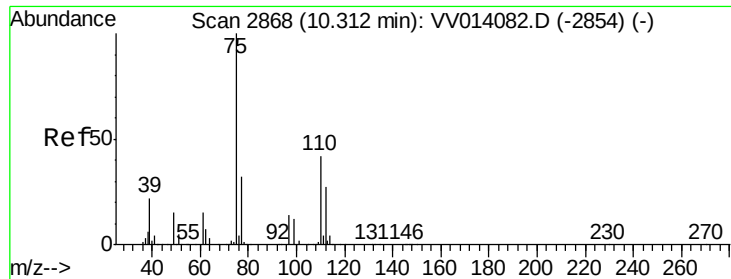
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.530 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

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Tgt Ion: 75 Resp: 30606

Ion Ratio Lower Upper

75 100

77 37.3 25.8 38.8

