

Data File : VV013887.D
Acq On : 03 Dec 2019 12:36
Operator : SY/MD
Sample : K6089-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Dec 04 01:14:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	637735	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	594813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	276081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176015	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.57	69	191909	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.12	63	297855	36.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.04%
21) 2-Butanone-d5	3.92	46	256261	98.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.71%
24) Chloroform-d	4.39	84	378029	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.07	65	253763	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
32) Benzene-d6	5.09	84	774966	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
36) 1,2-Dichloropropane-d6	6.11	67	238644	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.16%
41) Toluene-d8	7.35	98	670508	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.66	79	103732	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.13	63	135389	78.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	331049	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	297249	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%

Target Compounds

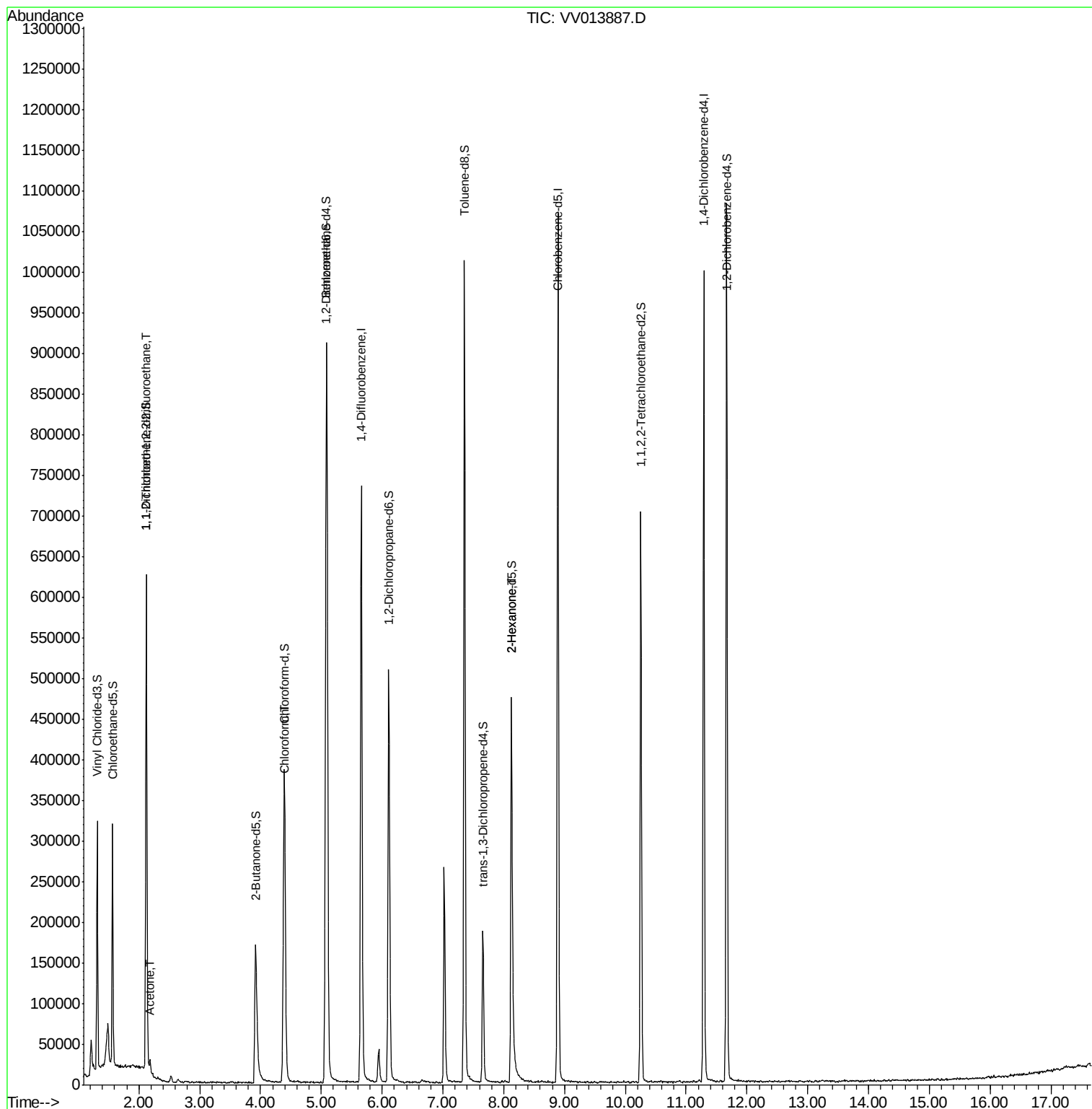
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3676	0.766 ug/L #	22
13) Acetone	2.18	43	7558	1.987 ug/L	91
25) Chloroform	4.41	83	7313	0.838 ug/L	84
48) 2-Hexanone	8.13	43	20546	4.607 ug/L #	84

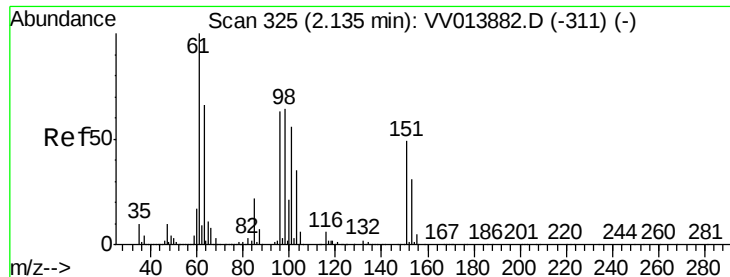
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.766 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VHBLK02

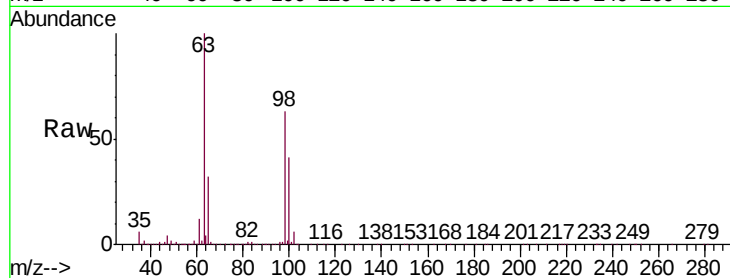
Tgt Ion:101 Resp: 3676

Ion Ratio Lower Upper

101 100

85 3.6 32.5 48.7#

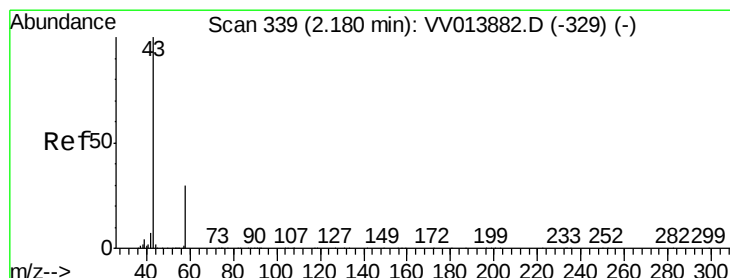
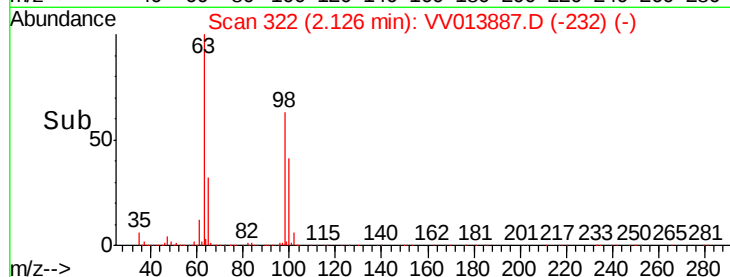
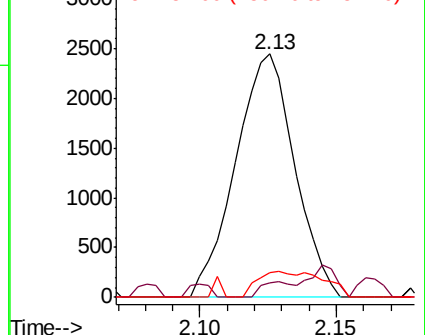
151 7.0 69.8 104.6#



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



#13

Acetone

Concen: 1.987 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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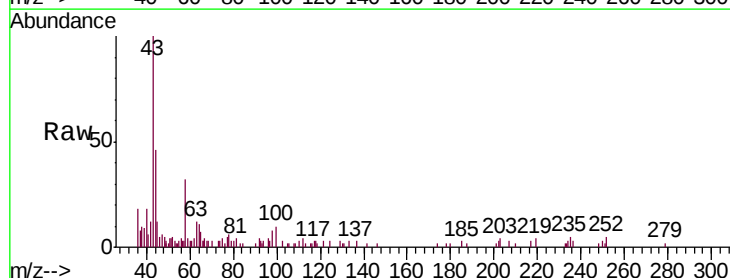
Acq: 03 Dec 2019 12:36

Tgt Ion: 43 Resp: 7558

Ion Ratio Lower Upper

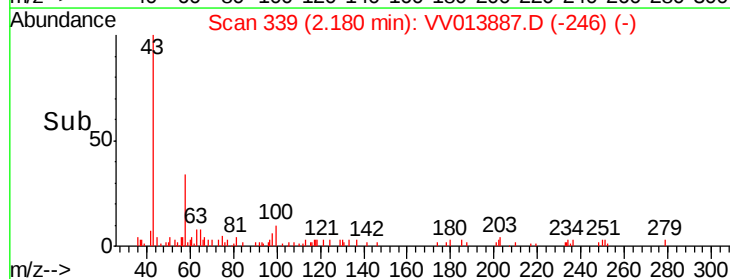
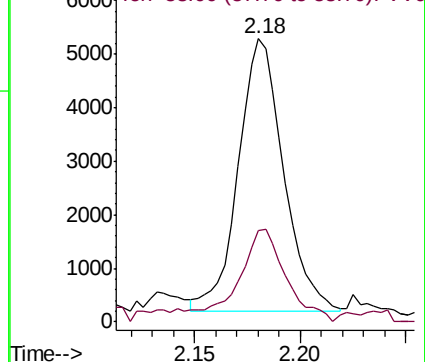
43 100

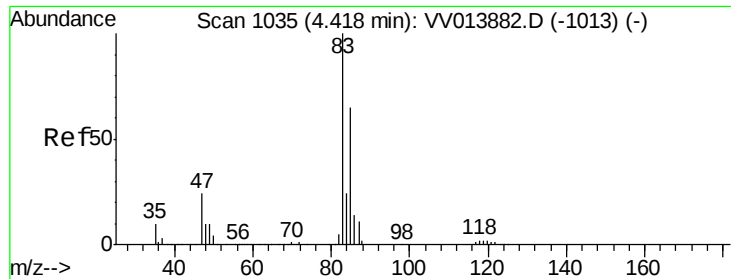
58 35.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 0.838 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. -0.01 min

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ClientSampleId :

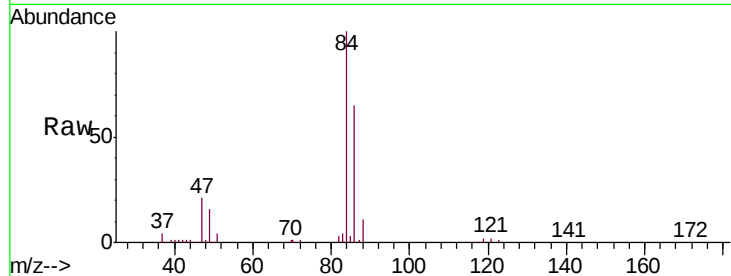
VHBLK02

Tgt Ion: 83 Resp: 7313

Ion Ratio Lower Upper

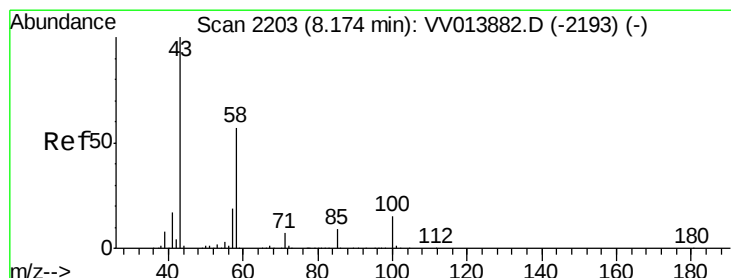
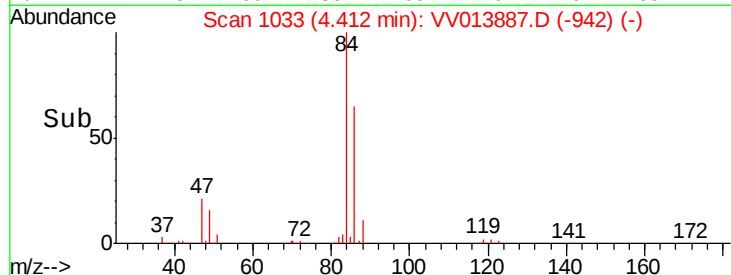
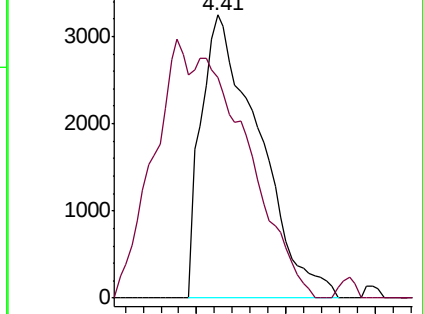
83 100

85 77.8 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV013882.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV013882.D (-1013) (-)



#48

2-Hexanone

Concen: 4.607 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 20546

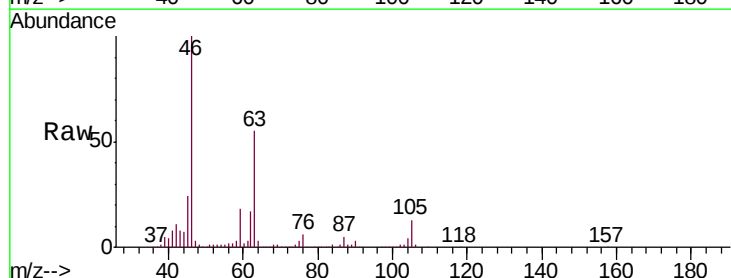
Ion Ratio Lower Upper

43 100

58 56.6 48.4 72.6

57 38.0 16.6 24.8#

100 1.9 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VV013882.D (-2193) (-)

Ion 58.00 (57.70 to 58.70): VV013882.D (-2193) (-)

Ion 57.00 (56.70 to 57.70): VV013882.D (-2193) (-)

Ion 100.00 (99.70 to 100.70): VV013882.D (-2193) (-)

