

Data File : VV012513.D
Acq On : 01 Sep 2019 16:37
Operator : SY/MD
Sample : K4605-06
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Sep 02 04:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	315301	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	302924	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100042	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.94%
7) Chloroethane-d5	1.58	69	109024	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.14%
11) 1,1-Dichloroethene-d2	2.13	63	191646	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.54%
21) 2-Butanone-d5	3.94	46	179975	102.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.56%
24) Chloroform-d	4.40	84	203795	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.08	65	139680	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.10	84	366734	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.12	67	131235	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.36	98	322127	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%
43) trans-1,3-Dichloropropene-	7.66	79	54745	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.14	63	90814	89.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	174093	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.67	152	124245	54.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.84%

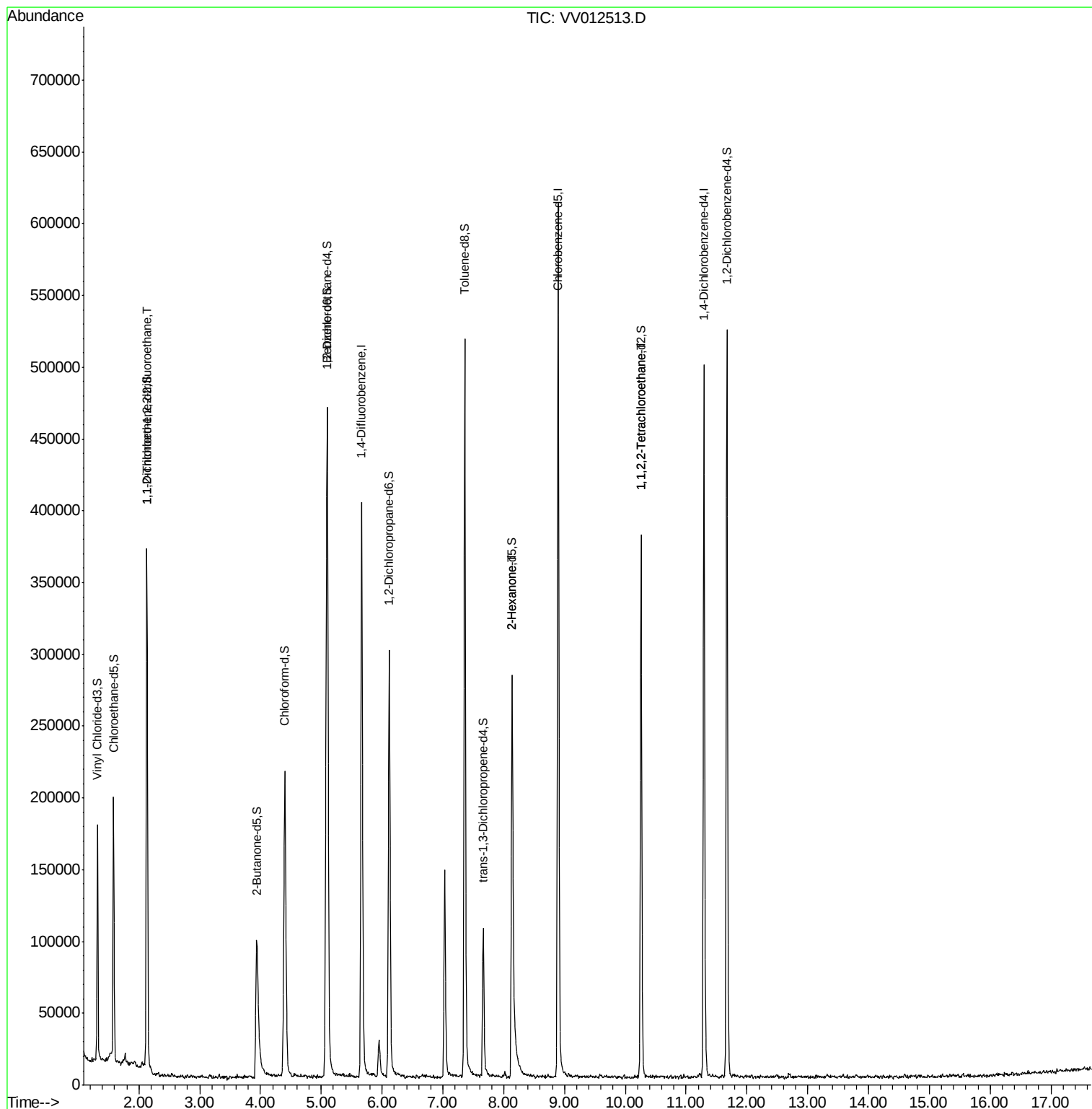
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1941	0.639 ug/L #	38
48) 2-Hexanone	8.14	43	15559	5.607 ug/L #	82
58) 1,1,2,2-Tetrachloroethane	10.26	83	1704	0.478 ug/L #	1

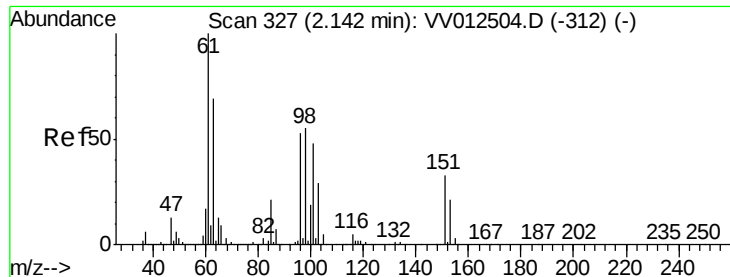
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.639 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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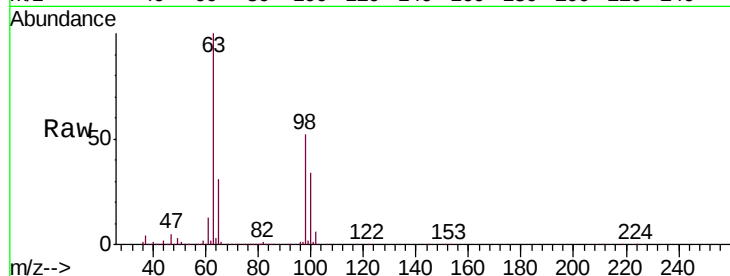
Tgt Ion:101 Resp: 1941

Ion Ratio Lower Upper

101 100

85 14.5 36.2 54.2#

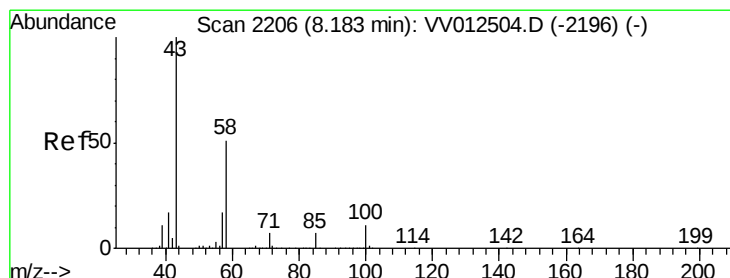
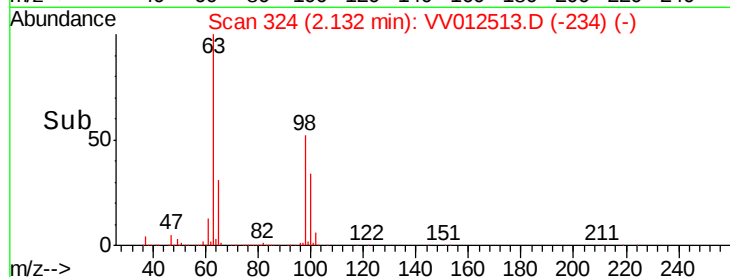
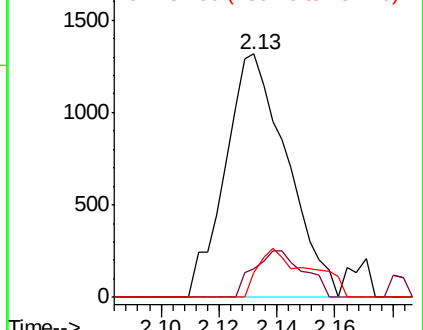
151 9.7 54.8 82.2#



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



#48

2-Hexanone

Concen: 5.607 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 15559

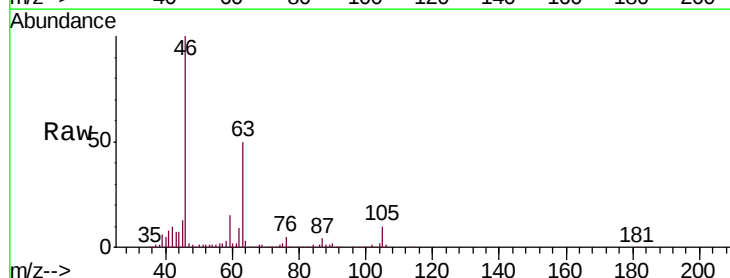
Ion Ratio Lower Upper

43 100

58 41.7 40.6 61.0

57 28.9 13.3 19.9#

100 1.7 8.1 12.1#

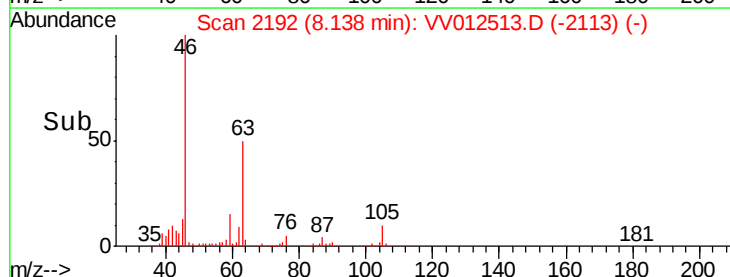
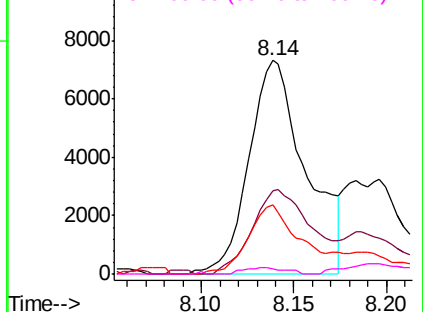


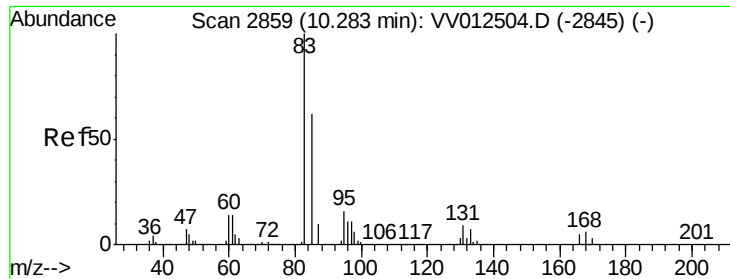
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#58

1,1,2,2-Tetrachloroethane

Concen: 0.478 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.02 min

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Tgt Ion: 83 Resp: 1704

Ion Ratio Lower Upper

83 100

85 164.5 43.4 80.6#

131 249.3 7.1 10.7#

