

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018737.D
 Acq On : 07 Oct 2020 19:01
 Operator : SY/MD
 Sample : VV1007WBL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330131	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82587	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.32%
7) Chloroethane-d5	1.58	69	74653	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.12	63	131815	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
21) 2-Butanone-d5	3.91	46	112945	78.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.21%
24) Chloroform-d	4.37	84	189664	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.05	65	129732	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.07	84	371086	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.09	67	117247	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.08%
41) Toluene-d8	7.33	98	281442	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.64	79	49037	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.46%
47) 2-Hexanone-d5	8.11	63	58865	72.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.09%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	106937	37.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	119109	46.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.76%

Target Compounds

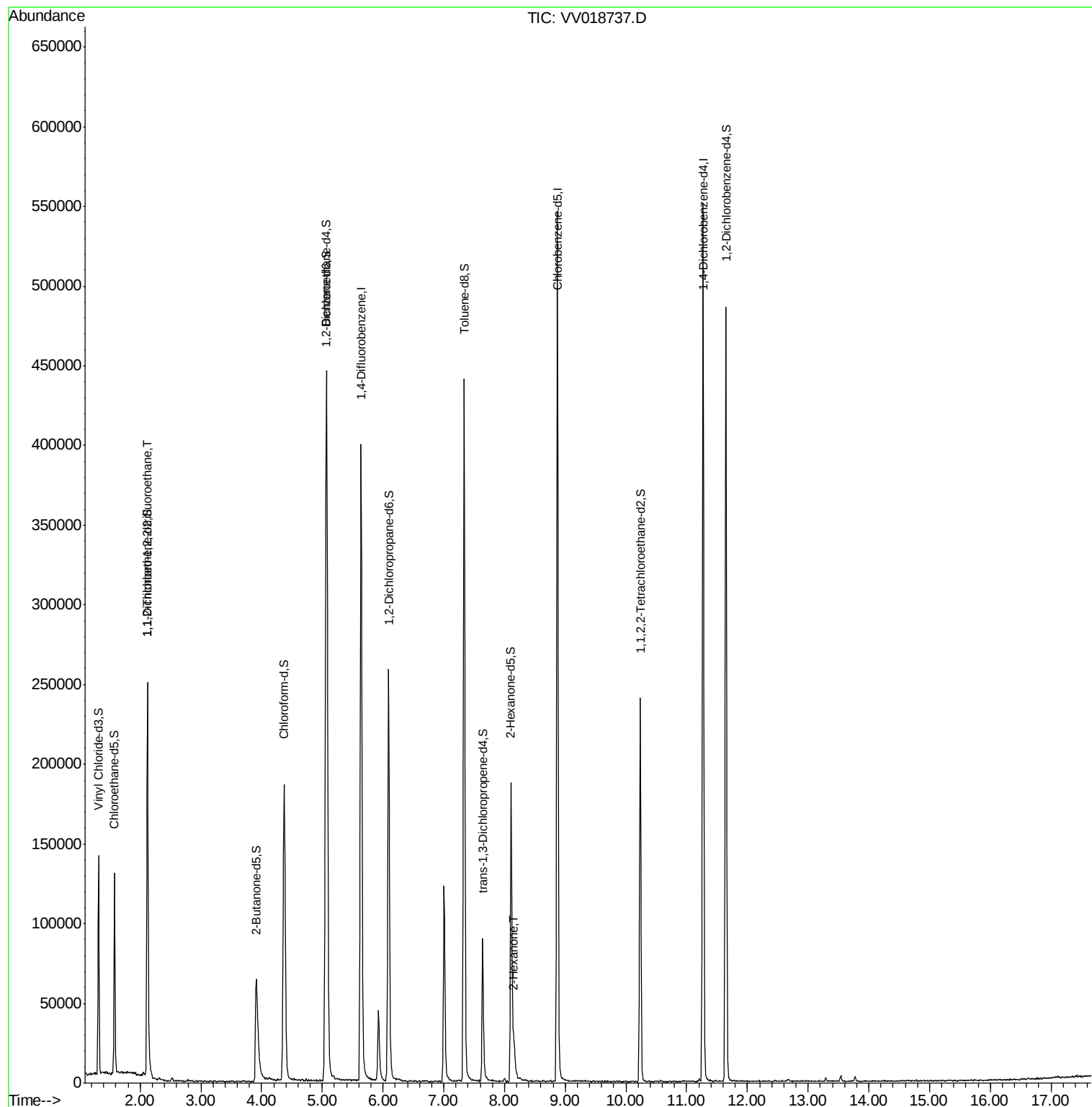
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1464	0.682 ug/L #	20
48) 2-Hexanone	8.16	43	11675	5.477 ug/L #	79

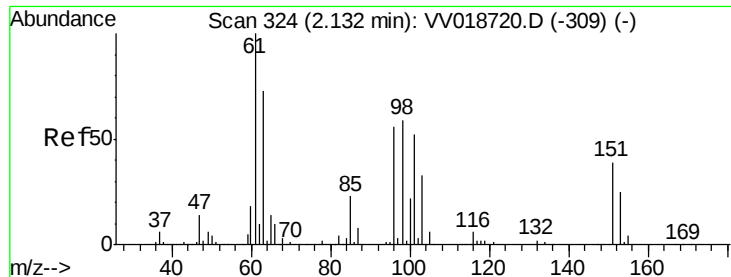
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.682 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018737.D

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MSVOA_V

ClientSampleId :

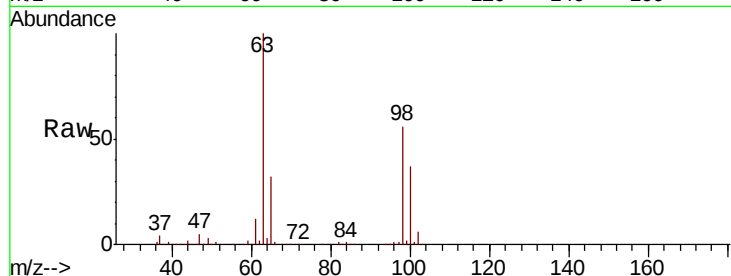
Tot Ion:101 Resp: 1464

Ion Ratio Lower Upper

101 100

85 4.9 34.6 52.0#

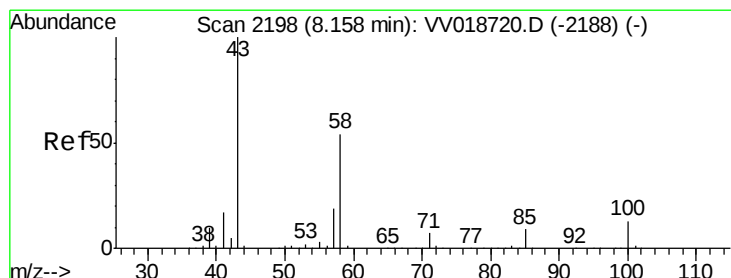
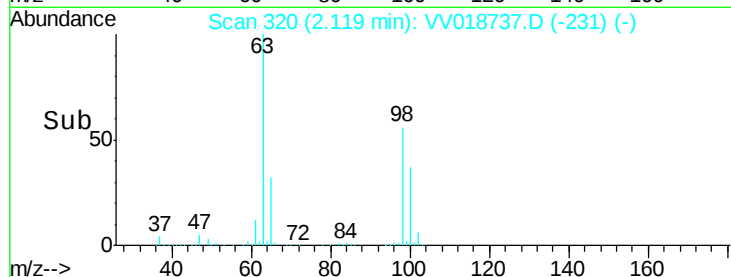
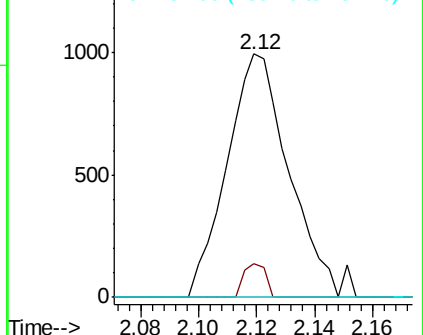
151 0.0 64.3 96.5#



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: 5.477 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

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Tgt Ion: 43 Resp: 11675

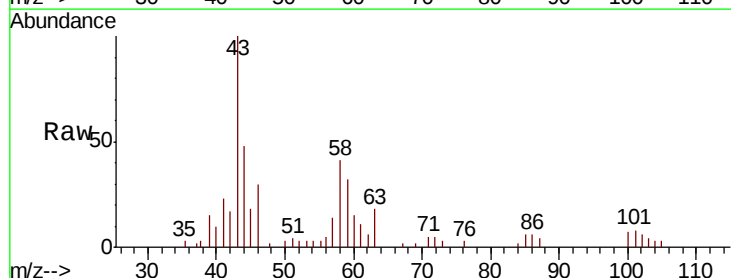
Ion Ratio Lower Upper

43 100

58 34.9 45.1 67.7#

57 17.9 15.7 23.5

100 8.8 11.0 16.4#



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

