

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014871.D
 Acq On : 12 Mar 2020 16:37
 Operator : SY/MD
 Sample : VV0312WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	421377	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	401646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	117366	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.58	69	90388	40.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.18%
11) 1,1-Dichloroethene-d2	2.12	63	146134	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	3.93	46	137754	64.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.77%
24) Chloroform-d	4.37	84	242897	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.06	65	159739	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
32) Benzene-d6	5.07	84	491791	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.09	67	150975	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.90%
41) Toluene-d8	7.34	98	473740	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.64	79	74846	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.22%
47) 2-Hexanone-d5	8.12	63	149385	95.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	212578	43.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	195795	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

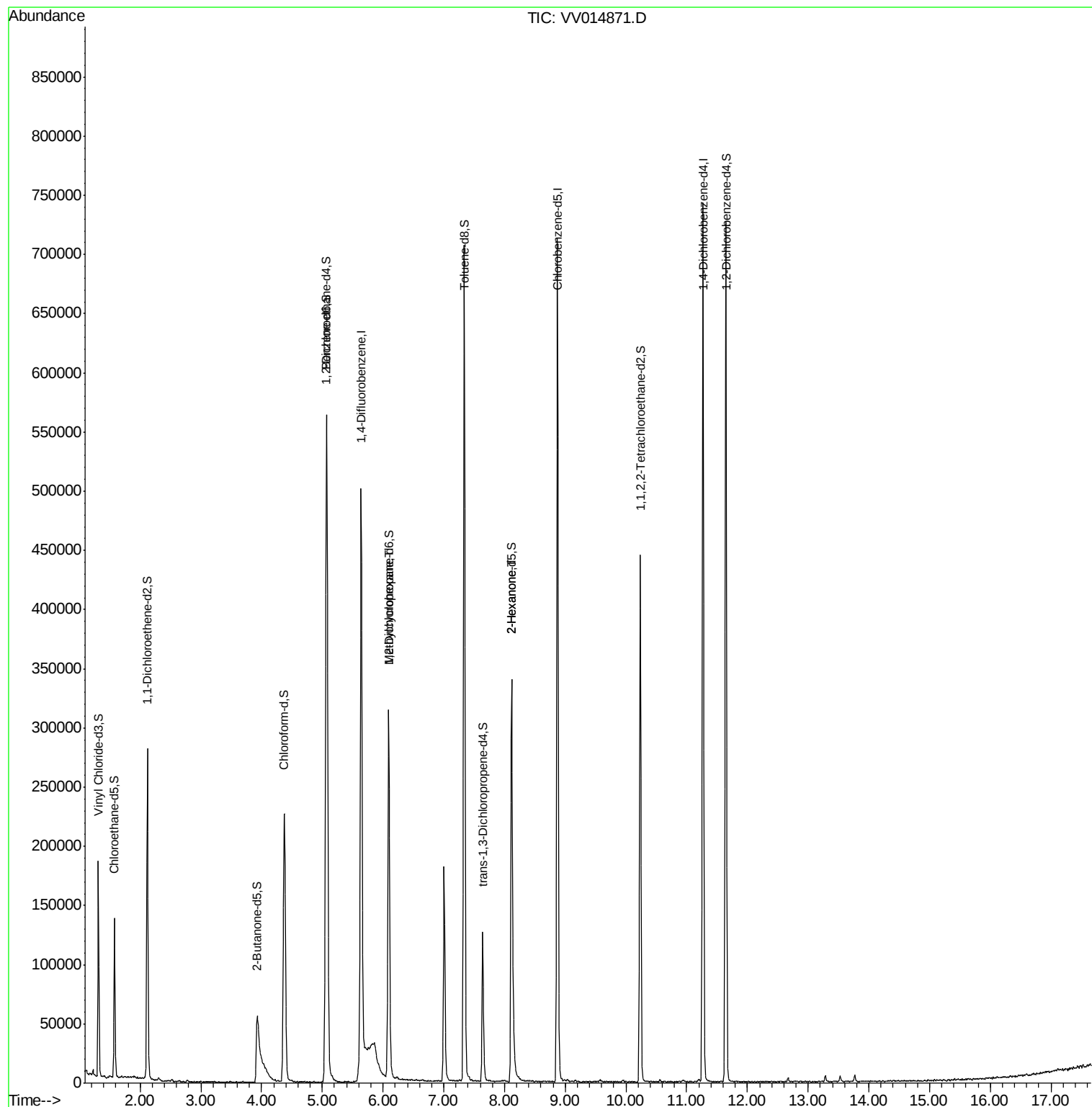
Target Compounds					Ovalue
35) Methylcyclohexane	6.09	83	37434	7.458 ug/L #	18
48) 2-Hexanone	8.11	43	16432	4.585 ug/L #	70

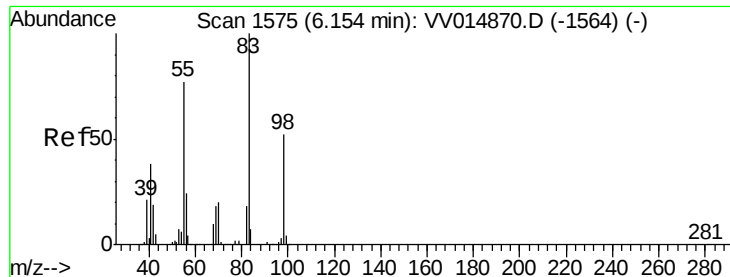
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methvlcvclohexane

Concen: 7.458 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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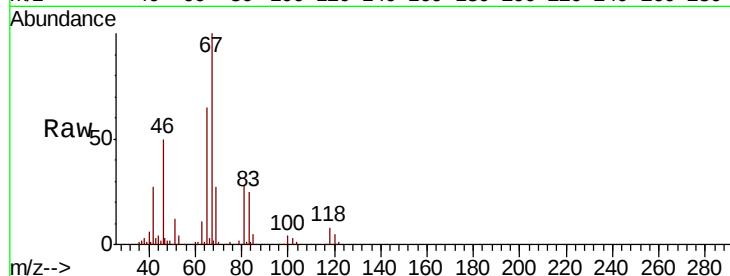
Tot Ion: 83 Resp: 37434

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

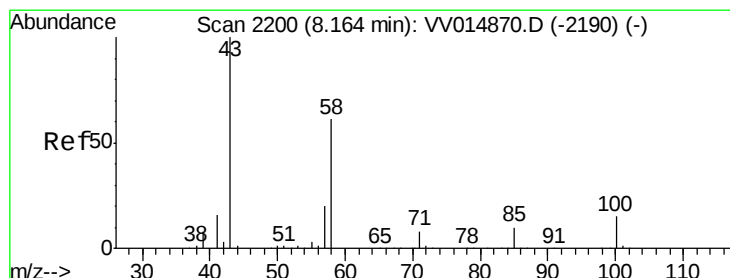
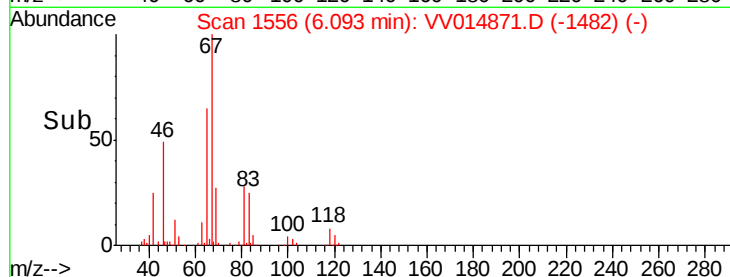
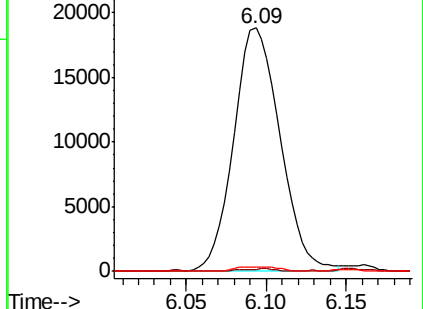
98 0.0 36.8 55.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#48

2-Hexanone

Concen: 4.585 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

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Acq: 12 Mar 2020 16:37

Tgt Ion: 43 Resp: 16432

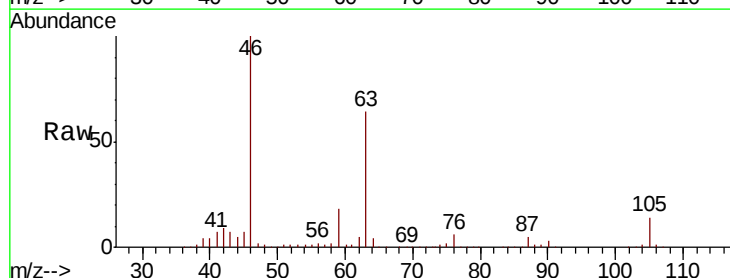
Ion Ratio Lower Upper

43 100

58 27.5 43.3 64.9#

57 24.6 15.6 23.4#

100 0.5 8.7 13.1#



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

