

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019823.D
 Acq On : 23 Dec 2020 19:47
 Operator : SY/MD
 Sample : L5204-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK82

Quant Time: Dec 23 22:08:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	661834	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	625985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	291178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	222079	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.58%
7) Chloroethane-d5	1.57	69	188085	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.11	63	325914	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	3.89	46	354275	137.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.34%#
24) Chloroform-d	4.35	84	419159	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
26) 1,2-Dichloroethane-d4	5.04	65	299718	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
32) Benzene-d6	5.05	84	840707	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
36) 1,2-Dichloropropane-d6	6.07	67	274481	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.96%
41) Toluene-d8	7.32	98	730574	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.62	79	122245	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.09	63	205123	99.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.93%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	319790	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	266683	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

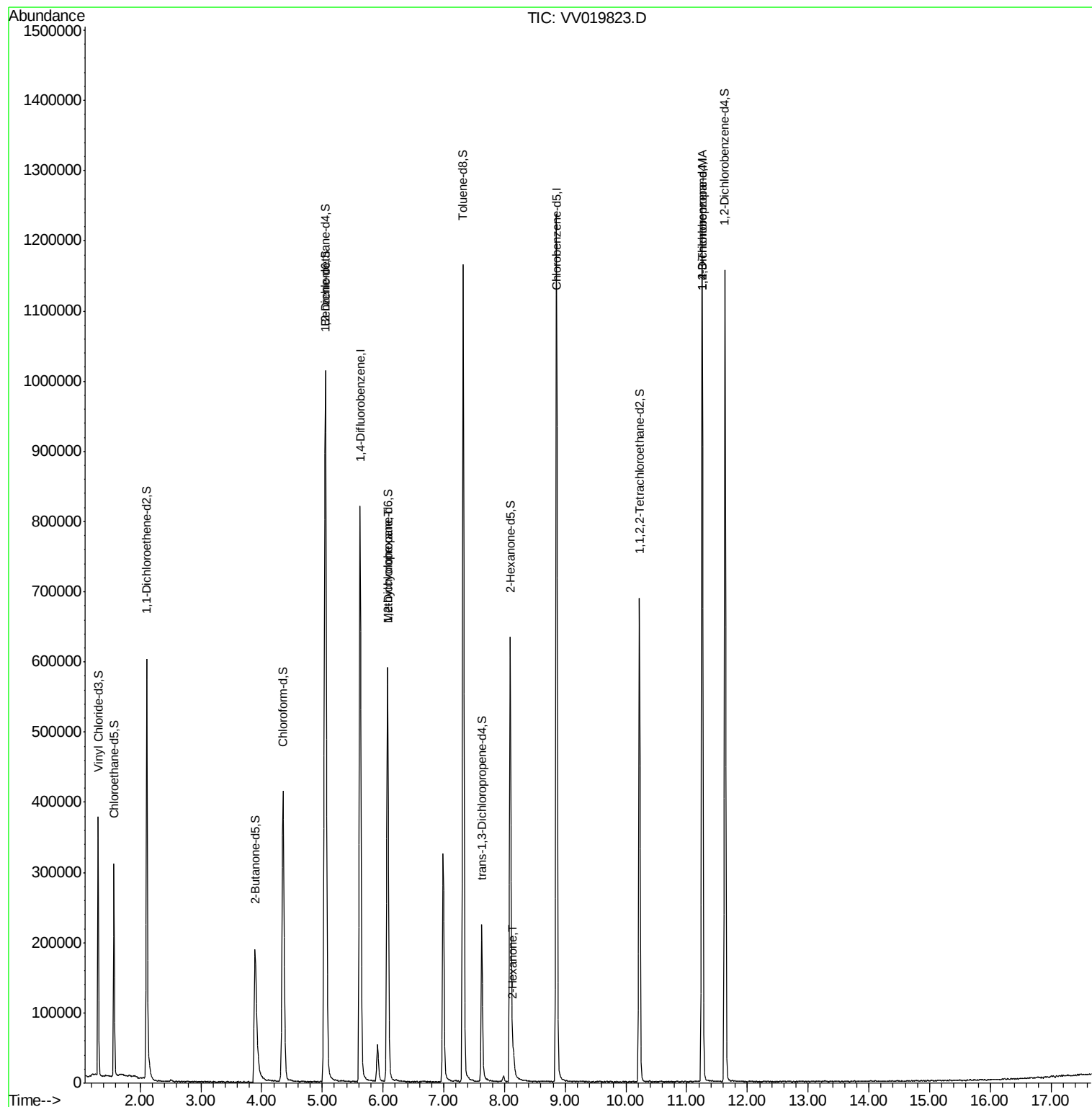
					Ovalue
35) Methylcyclohexane	6.07	83	63315	8.624 ug/L #	18
48) 2-Hexanone	8.15	43	15106	2.888 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	40752	6.858 ug/L	96

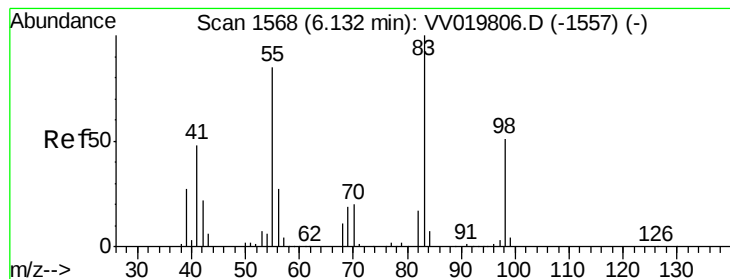
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methvlcvclohexane

Concen: 8.624 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019823.D

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VIBLK82

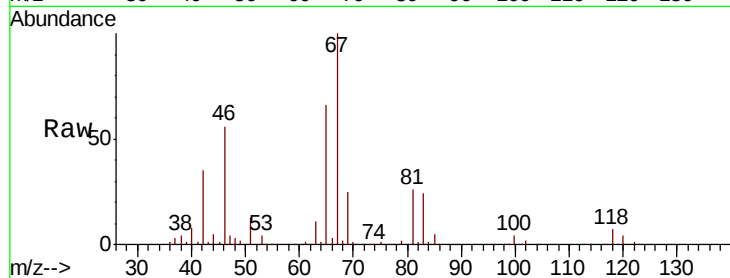
Tot Ion: 83 Resp: 63315

Ion Ratio Lower Upper

83 100

55 0.6 64.2 96.4#

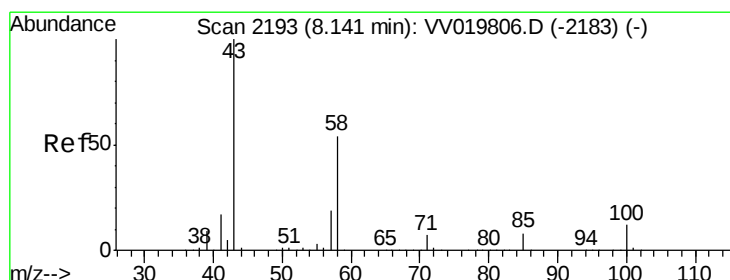
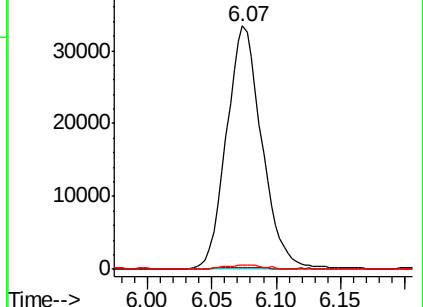
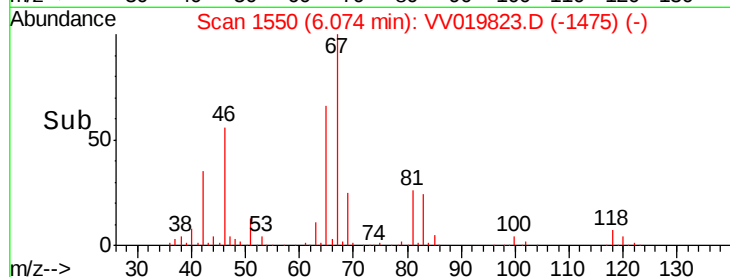
98 1.8 39.3 58.9#



Abundance Ion 83.00 (82.70 to 83.70): VV019823.D (-1475) (-)

Ion 55.00 (54.70 to 55.70): VV019823.D (-1475) (-)

Ion 98.00 (97.70 to 98.70): VV019823.D (-1475) (-)



#48

2-Hexanone

Concen: 2.888 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019823.D

Acq: 23 Dec 2020 19:47

Tgt Ion: 43 Resp: 15106

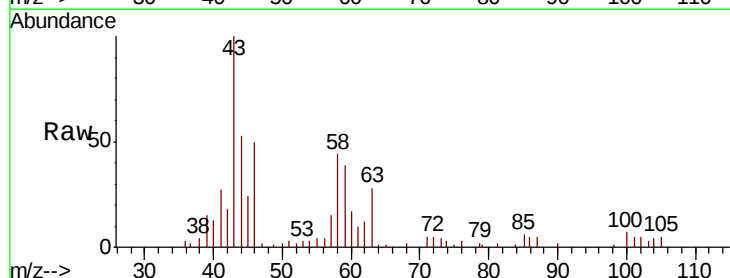
Ion Ratio Lower Upper

43 100

58 36.4 44.4 66.6#

57 1.0 15.7 23.5#

100 2.2 9.9 14.9#

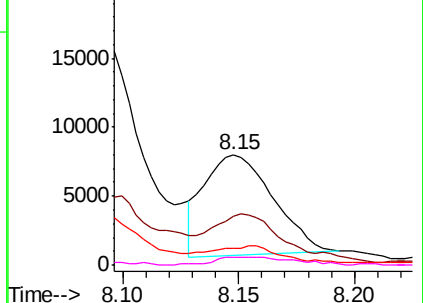
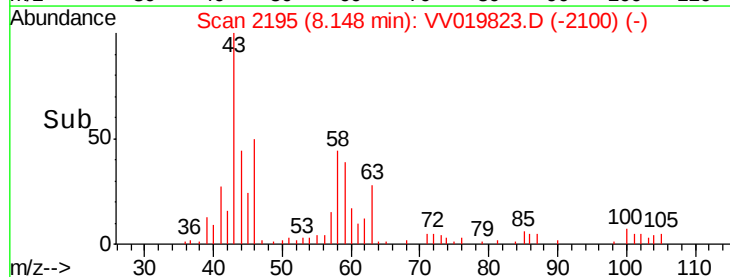


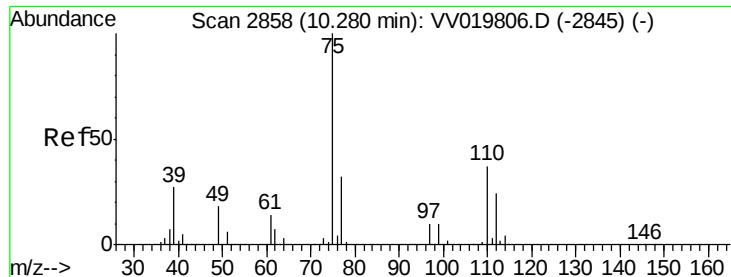
Abundance Ion 43.00 (42.70 to 43.70): VV019823.D (-2100) (-)

Ion 58.00 (57.70 to 58.70): VV019823.D (-2100) (-)

Ion 57.00 (56.70 to 57.70): VV019823.D (-2100) (-)

Ion 100.00 (99.70 to 100.70): VV019823.D (-2100) (-)





#59

1,2,3-Trichloropropane

Concen: 6.858 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

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Tot Ion: 75 Resp: 40752

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

