

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019703.D
 Acq On : 18 Dec 2020 16:32
 Operator : SY/MD
 Sample : L5098-08 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q4

Quant Time: Dec 19 05:28:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	598538	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	560466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	258578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	197301	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.57	69	167570	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.11	63	293179	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.60%
21) 2-Butanone-d5	3.90	46	311222	133.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.41%#
24) Chloroform-d	4.35	84	379549	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.04	65	264991	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
32) Benzene-d6	5.05	84	762665	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.07	67	242238	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.46%
41) Toluene-d8	7.32	98	666043	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.62	79	117631	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.09	63	211677	115.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	305638	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	243902	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

Target Compounds

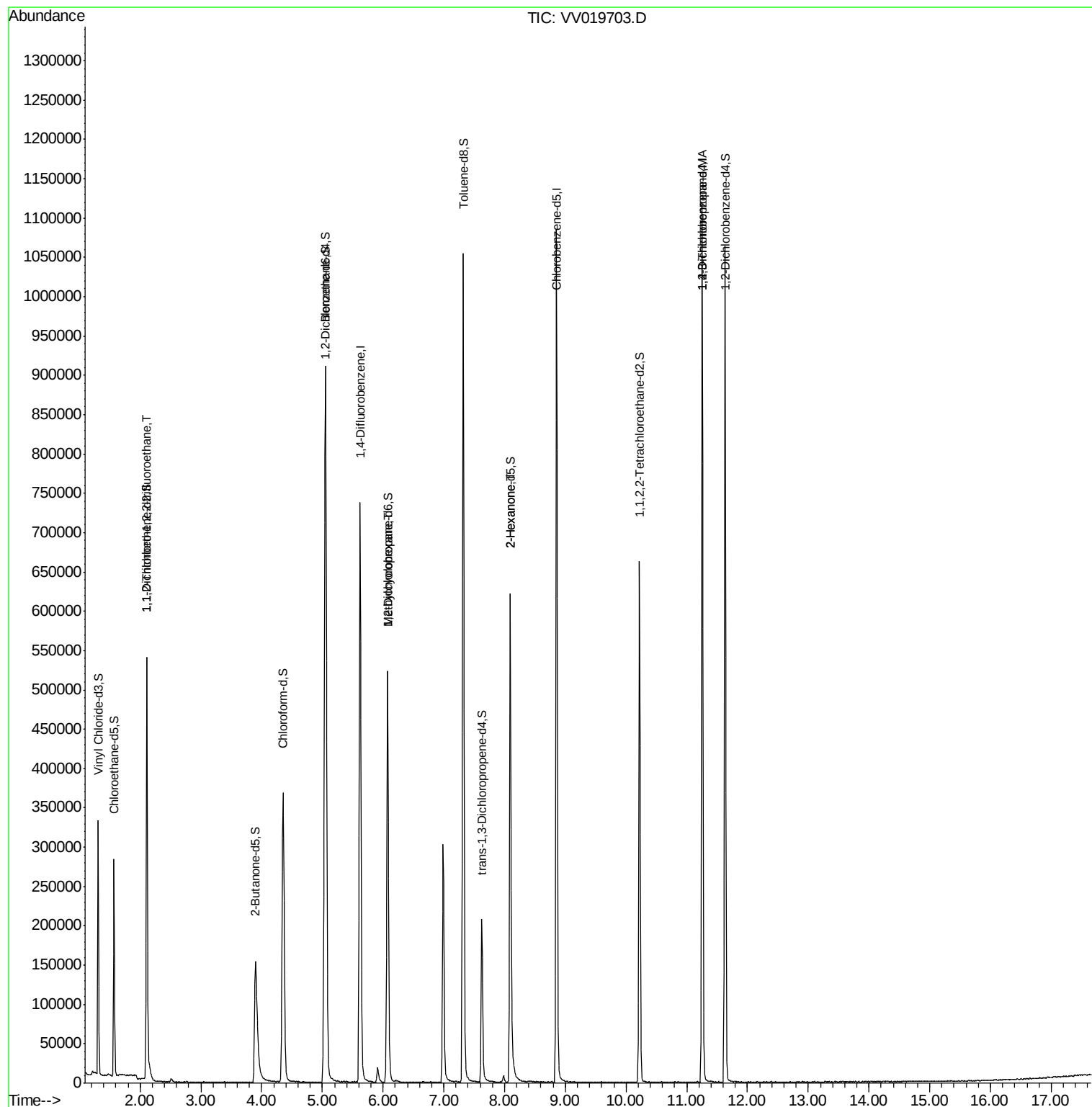
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2747	0.791 ug/L #	22
35) Methylcyclohexane	6.07	83	57918	8.811 ug/L #	18
48) 2-Hexanone	8.09	43	28160	6.014 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	35451	6.663 ug/L	89

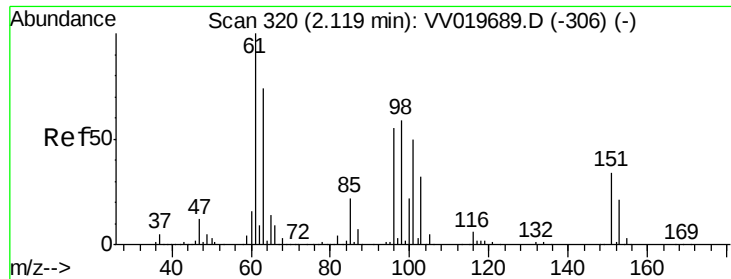
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.791 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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Acq: 18 Dec 2020 16:32

Instrument :

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ClientSampled :

BG4Q4

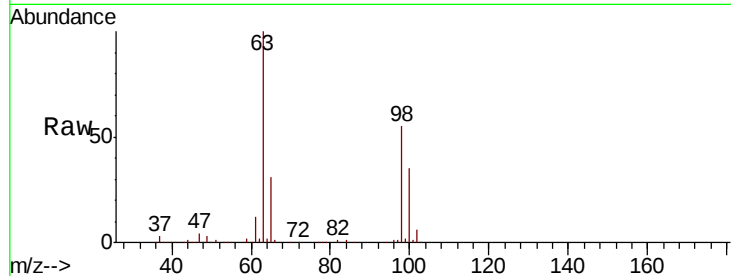
Tot Ion:101 Resp: 2747

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

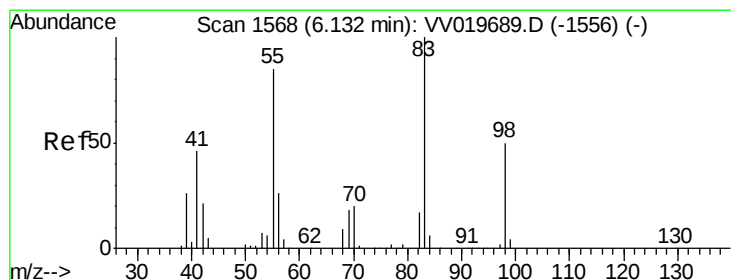
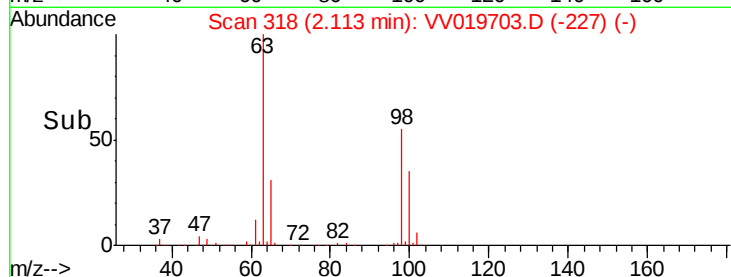
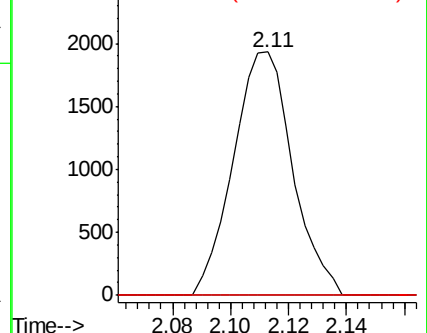
151 0.0 55.8 83.8#



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



#35

Methylcyclohexane

Concen: 8.811 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019703.D

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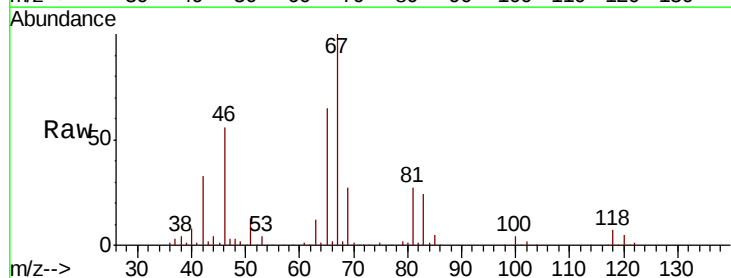
Tgt Ion: 83 Resp: 57918

Ion Ratio Lower Upper

83 100

55 0.6 64.2 96.4#

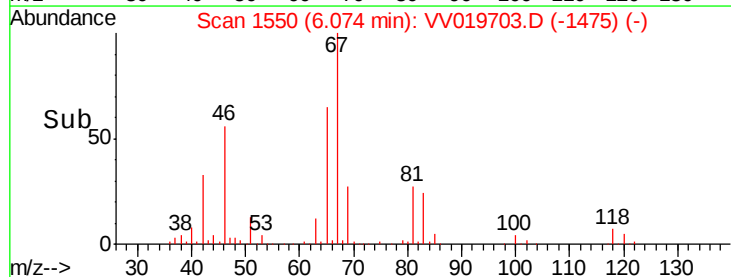
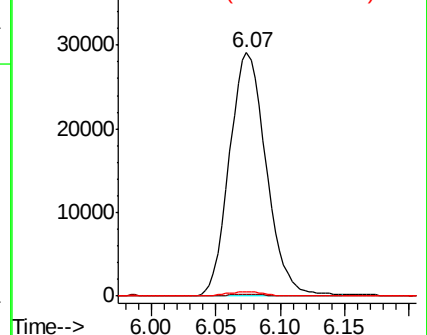
98 1.8 39.3 58.9#

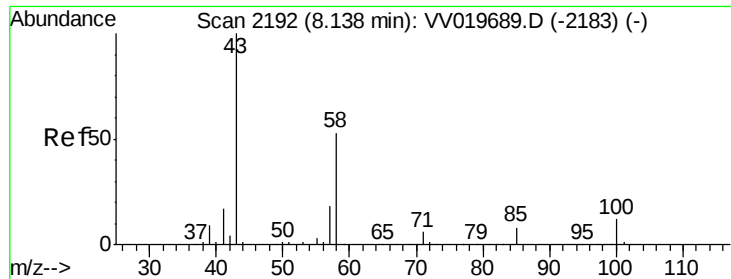


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

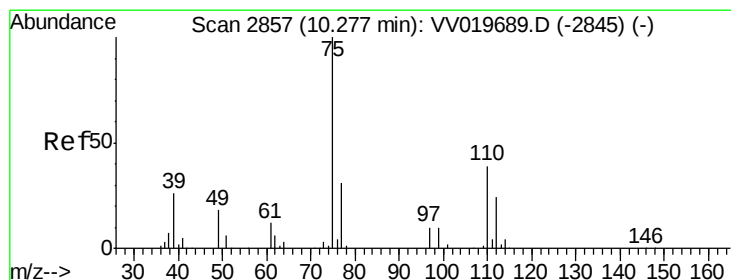
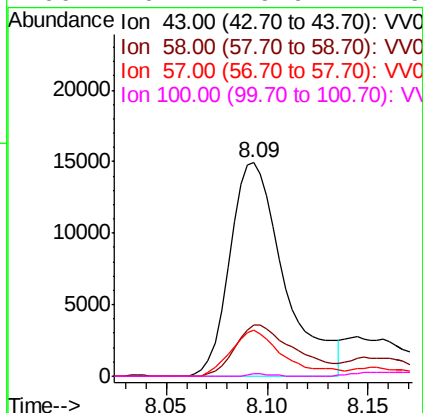
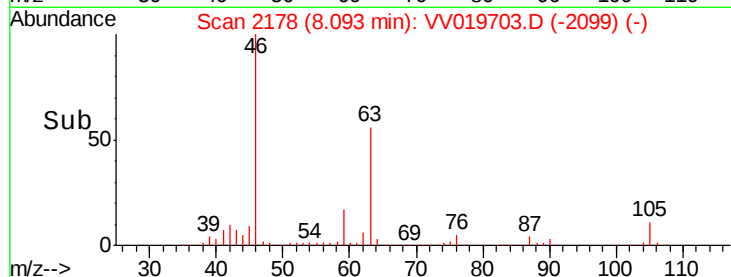
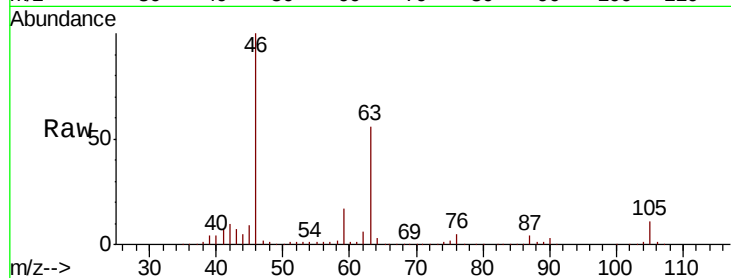




#48
2-Hexanone
Concen: 6.014 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 28160
Ion Ratio Lower Upper
43 100
58 26.3 44.4 66.6#
57 19.3 15.7 23.5
100 0.4 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.663 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019703.D
Acq: 18 Dec 2020 16:32

Tgt Ion: 75 Resp: 35451
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8

