

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019577.D
 Acq On : 13 Dec 2020 00:28
 Operator : SY/MD
 Sample : L4998-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS4

Quant Time: Dec 13 07:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	611340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	569779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	261313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	243150	55.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.94%
7) Chloroethane-d5	1.57	69	198677	57.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.92%
11) 1,1-Dichloroethene-d2	2.11	63	349343	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.88%
21) 2-Butanone-d5	3.89	46	280089	117.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.55%
24) Chloroform-d	4.35	84	420327	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.04	65	296988	57.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.04%
32) Benzene-d6	5.05	84	853397	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.32%
36) 1,2-Dichloropropane-d6	6.07	67	271124	56.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.90%
41) Toluene-d8	7.32	98	757044	55.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.66%
43) trans-1,3-Dichloropropene-	7.62	79	132389	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
47) 2-Hexanone-d5	8.09	63	206955	110.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.77%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	345743	53.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.63	152	274237	56.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.28%

Target Compounds

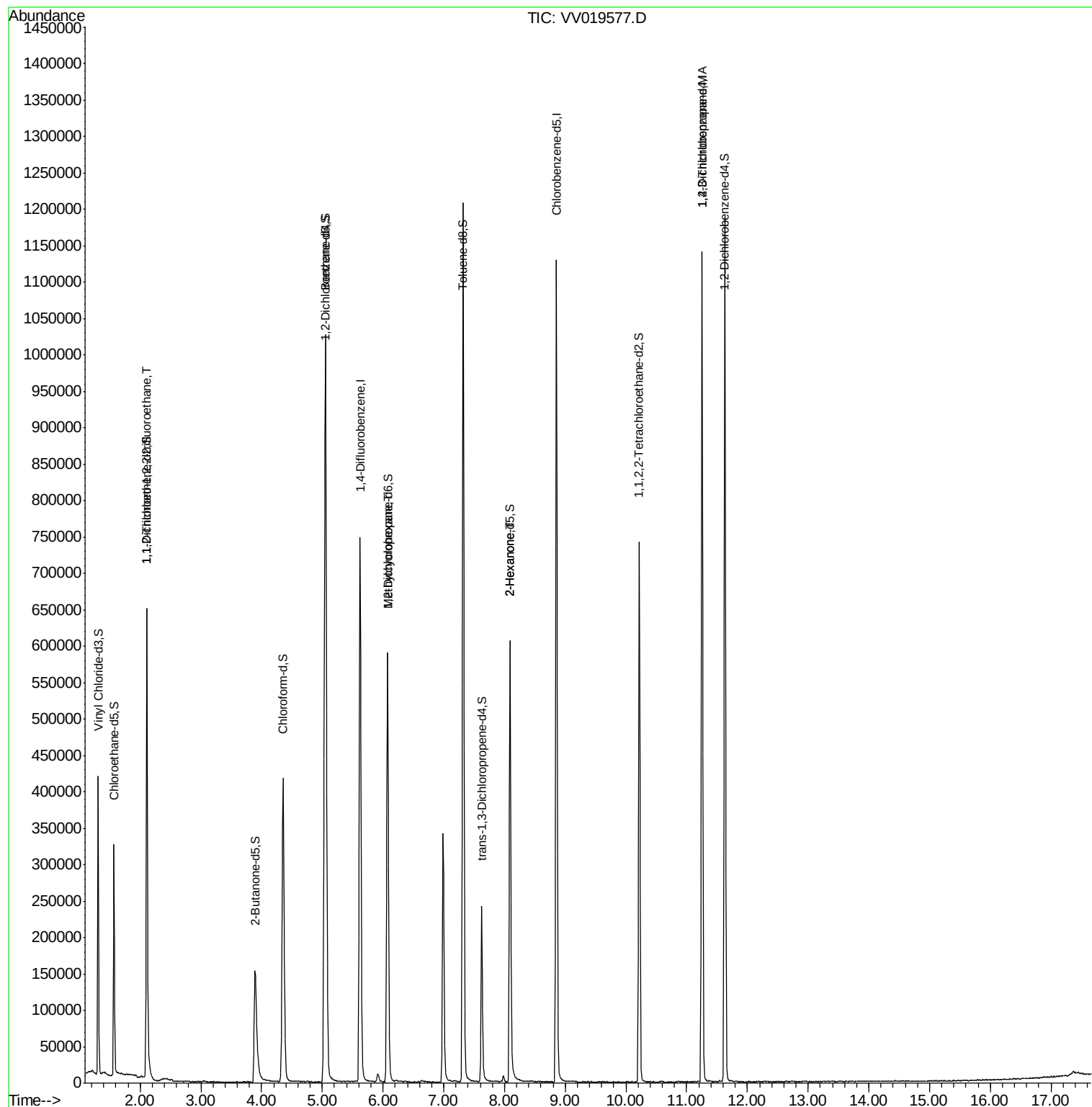
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3101	0.874 ug/L #	22
35) Methylcyclohexane	6.07	83	66433	9.941 ug/L #	18
48) 2-Hexanone	8.09	43	26480	5.562 ug/L #	67
59) 1,2,3-Trichloropropane	11.25	75	35785	6.616 ug/L	91

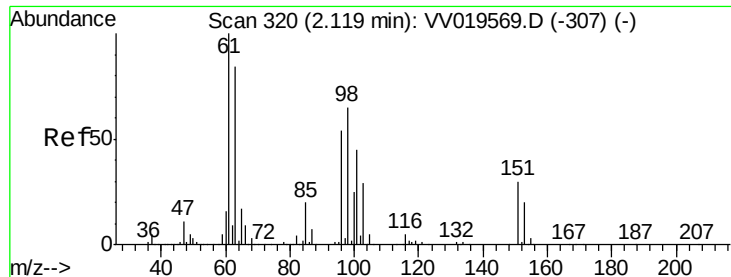
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.874 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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C0AS4

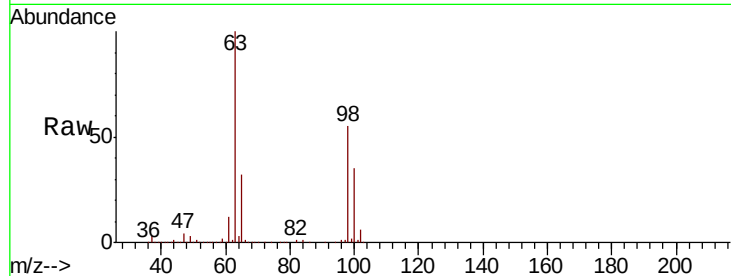
Tot Ion:101 Resp: 3101

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

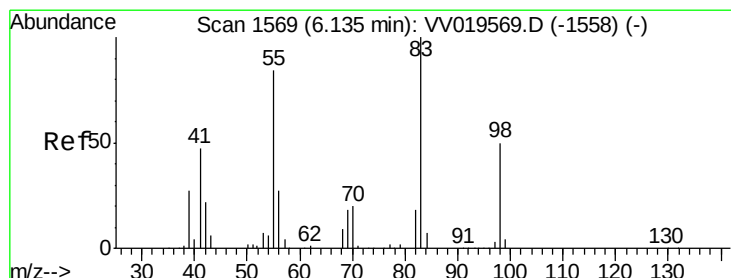
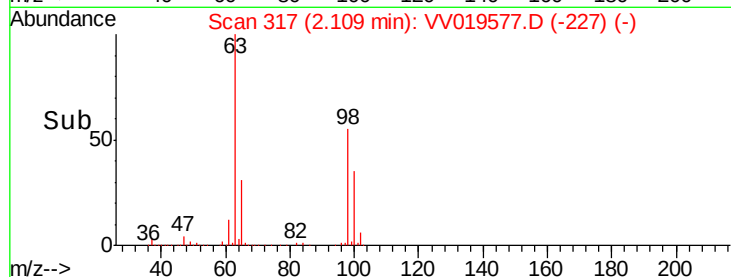
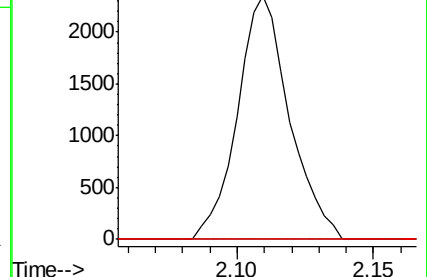
151 0.0 55.8 83.8#



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: 9.941 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019577.D

Acq: 13 Dec 2020 00:28

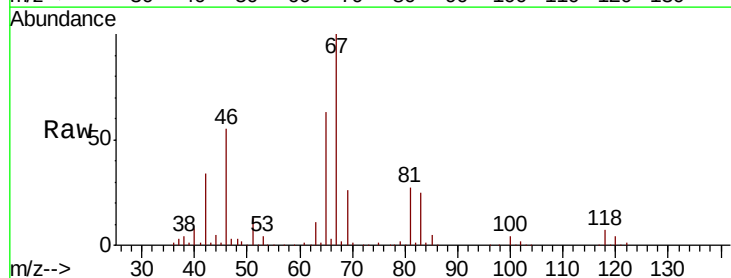
Tgt Ion: 83 Resp: 66433

Ion Ratio Lower Upper

83 100

55 0.4 64.2 96.4#

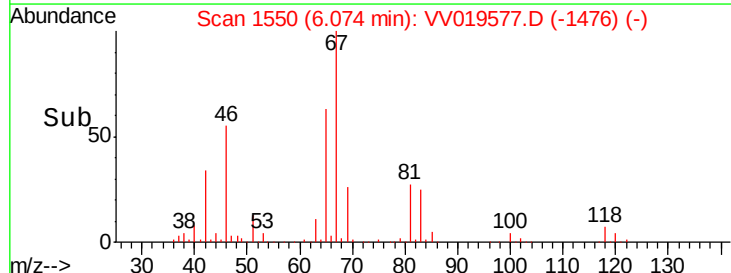
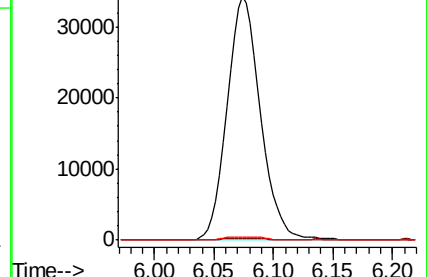
98 1.6 39.3 58.9#

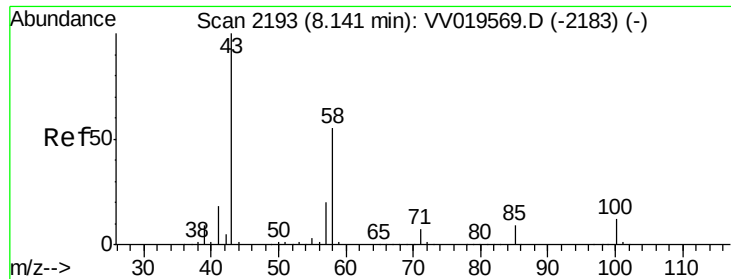


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

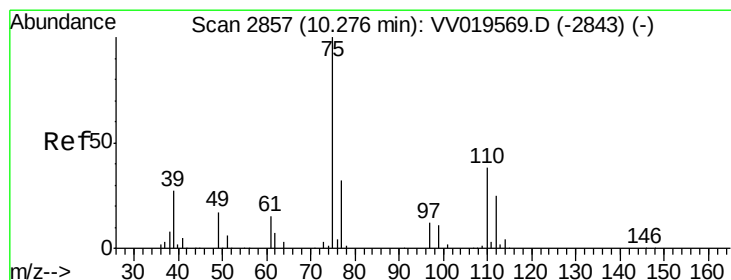
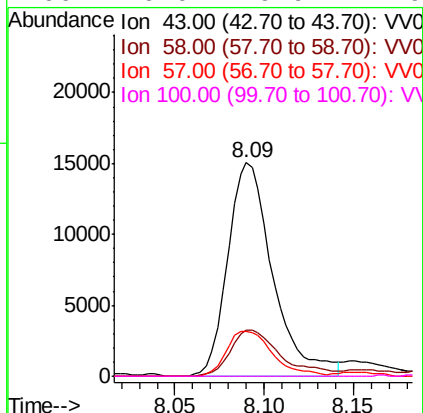
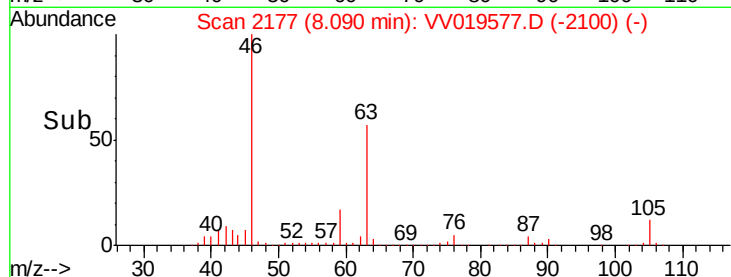
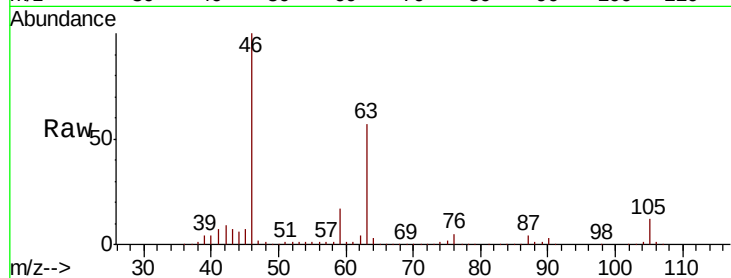




#48
 2-Hexanone
 Concen: 5.562 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 26480
 Ion Ratio Lower Upper
 43 100
 58 24.3 44.4 66.6#
 57 21.7 15.7 23.5
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.616 ug/L
 RT: 11.25 min Scan# 3160
 Delta R.T. 0.97 min
 Lab File: VV019577.D
 Acq: 13 Dec 2020 00:28

Tgt Ion: 75 Resp: 35785
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.8 38.8

