

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019712.D
 Acq On : 18 Dec 2020 21:04
 Operator : SY/MD
 Sample : VV1218WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK73

Quant Time: Dec 19 07:01:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 07:00:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	597213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	559589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	267237	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	188448	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.00%
7) Chloroethane-d5	1.57	69	158351	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.76%
11) 1,1-Dichloroethene-d2	2.11	63	271095	34.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.22%
21) 2-Butanone-d5	3.89	46	316785	136.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.10%#
24) Chloroform-d	4.35	84	354059	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.04	65	245460	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
32) Benzene-d6	5.05	84	705839	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.07	67	230784	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.32	98	611315	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%
43) trans-1,3-Dichloropropene-	7.62	79	107945	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.18%
47) 2-Hexanone-d5	8.09	63	209834	114.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.36%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	298517	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	229211	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%

Target Compounds

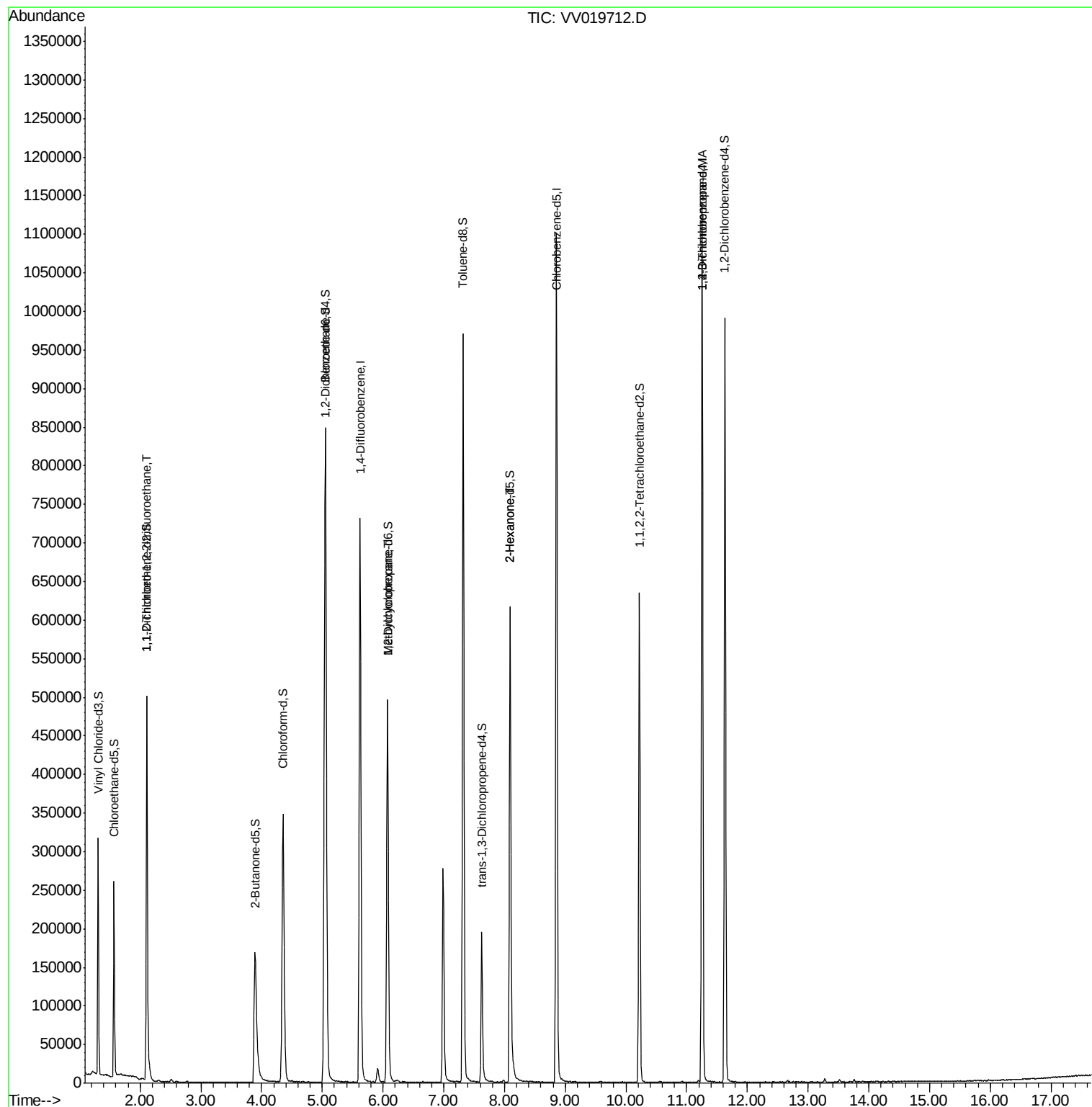
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2385	0.688 ug/L #	25
35) Methylcyclohexane	6.07	83	55011	8.382 ug/L #	18
48) 2-Hexanone	8.09	43	26651	5.700 ug/L #	70
59) 1,2,3-Trichloropropane	11.25	75	37054	6.975 ug/L	98

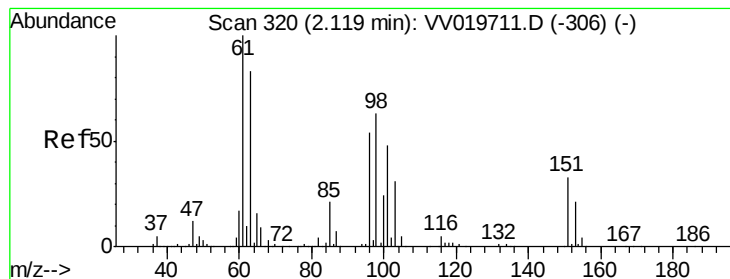
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.688 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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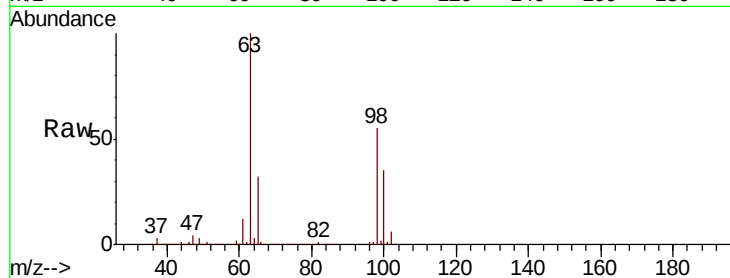
Tot Ion:101 Resp: 2385

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

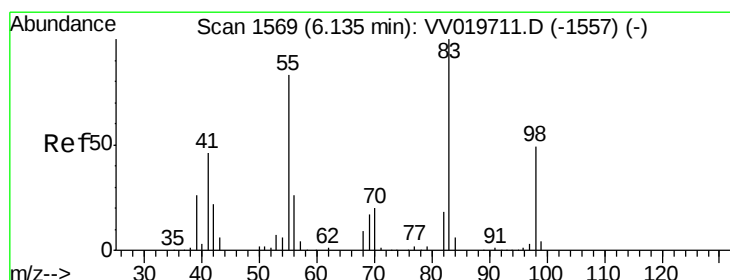
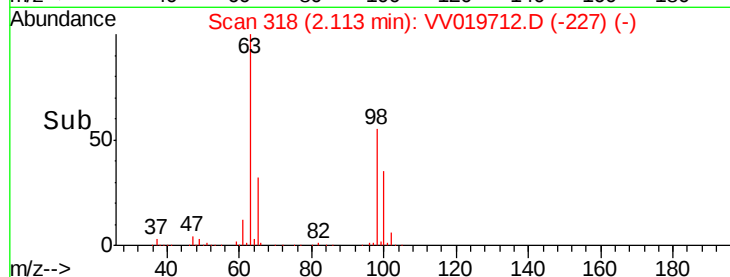
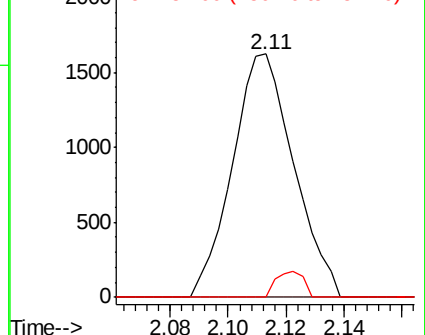
151 4.8 55.8 83.8#



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: 8.382 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

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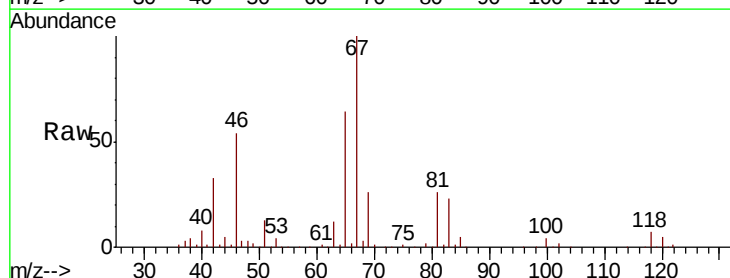
Tgt Ion: 83 Resp: 55011

Ion Ratio Lower Upper

83 100

55 0.6 64.2 96.4#

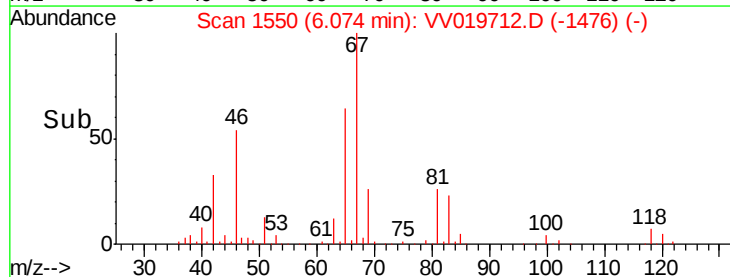
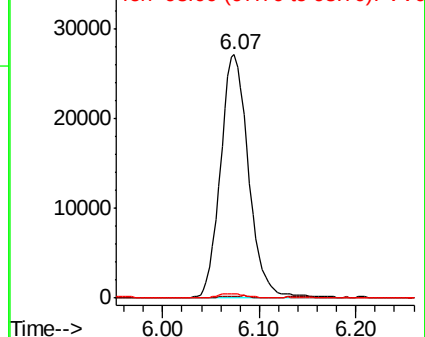
98 1.7 39.3 58.9#

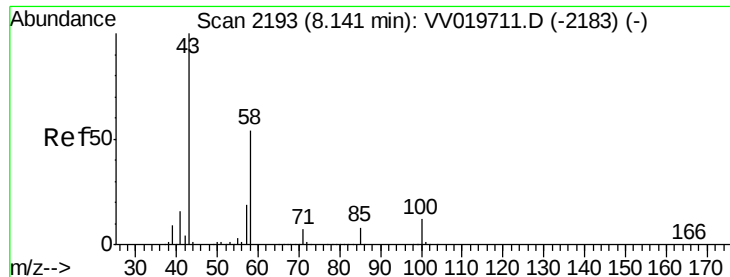


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

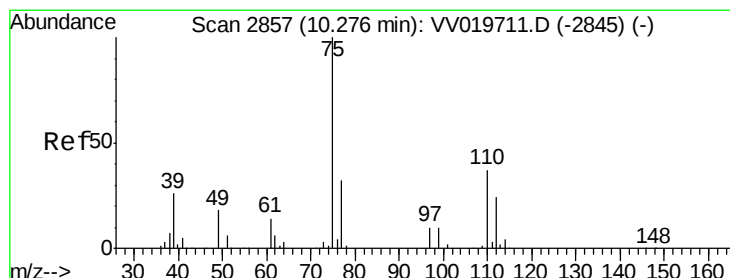
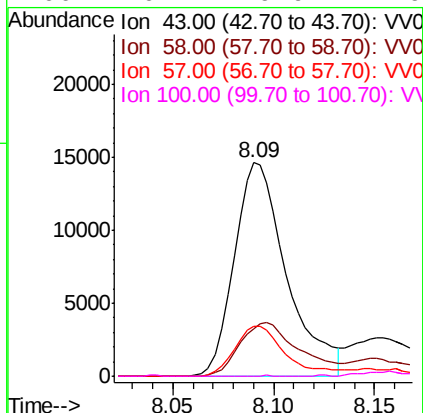
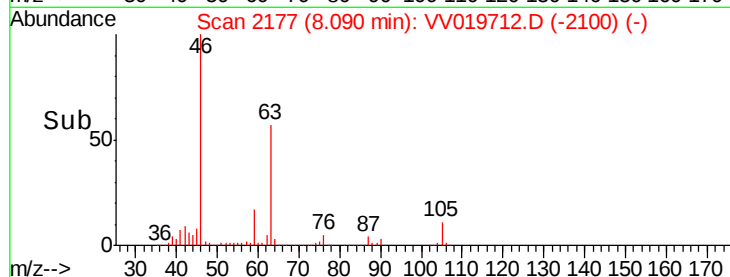
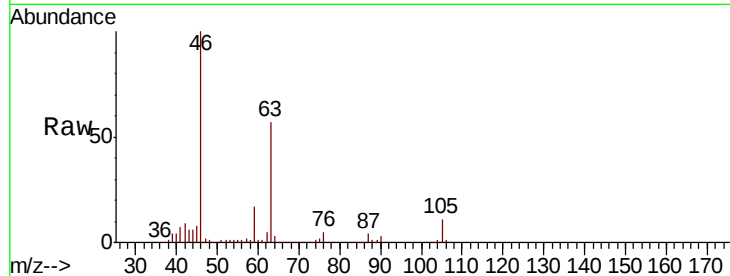




#48
2-Hexanone
Concen: 5.700 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 26651
Ion Ratio Lower Upper
43 100
58 28.4 44.4 66.6#
57 22.9 15.7 23.5
100 0.2 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.975 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019712.D
Acq: 18 Dec 2020 21:04

Tgt Ion: 75 Resp: 37054
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8

