

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019072.D
 Acq On : 22 Oct 2020 17:01
 Operator : SY/MD
 Sample : L4471-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG419

Quant Time: Oct 23 06:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283874	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134288	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105830	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.08%
7) Chloroethane-d5	1.58	69	84568	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.12	63	157381	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	3.91	46	130102	75.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.01%
24) Chloroform-d	4.37	84	175131	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
26) 1,2-Dichloroethane-d4	5.05	65	124013	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
32) Benzene-d6	5.07	84	347308	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
36) 1,2-Dichloropropane-d6	6.09	67	112522	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.32%
41) Toluene-d8	7.33	98	307673	40.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.54%
43) trans-1,3-Dichloropropene-	7.64	79	56640	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
47) 2-Hexanone-d5	8.10	63	88528	73.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.57%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138320	37.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.10%
64) 1,2-Dichlorobenzene-d4	11.64	152	119393	42.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.78%

Target Compounds

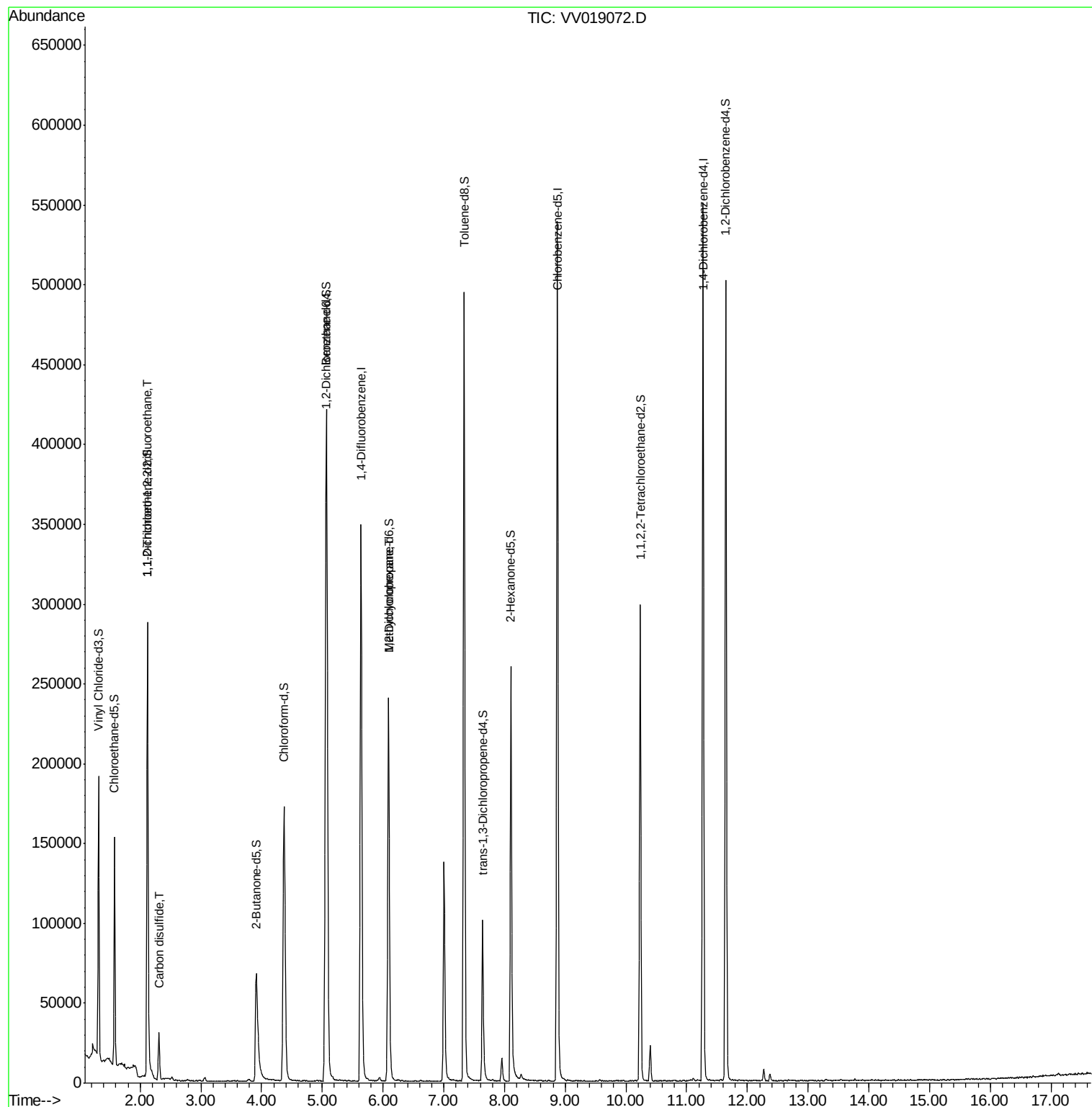
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1339	0.707 ug/L #	20
14) Carbon disulfide	2.31	76	33532	5.364 ug/L	100
35) Methylcyclohexane	6.09	83	26637	9.011 ug/L #	16

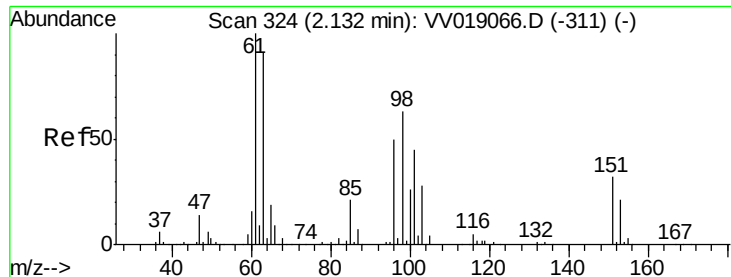
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.707 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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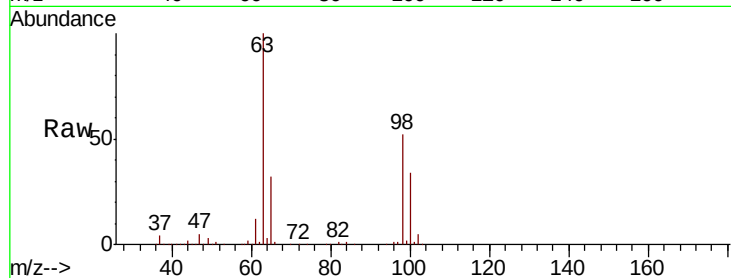
Tot Ion:101 Resp: 1339

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

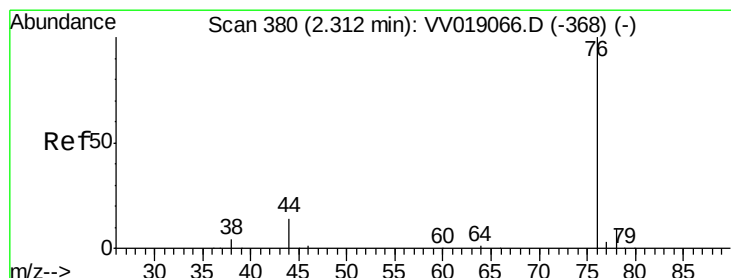
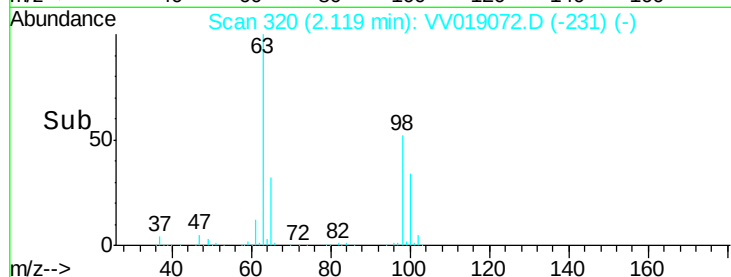
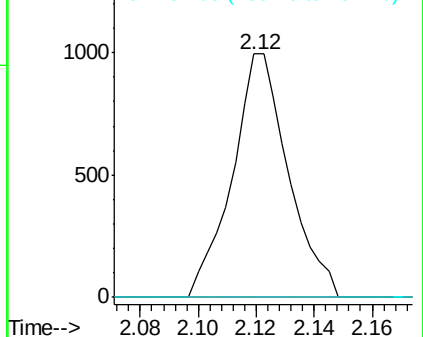
151 0.0 58.2 87.2#



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



#14

Carbon disulfide

Concen: 5.364 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

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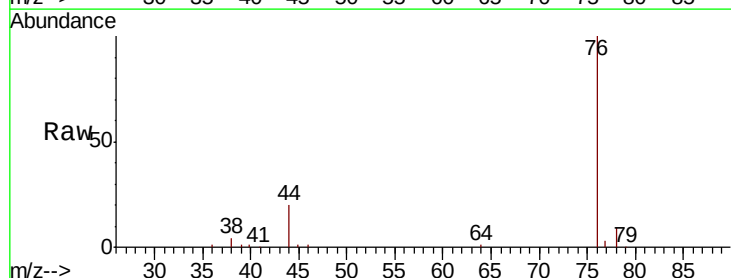
Acq: 22 Oct 2020 17:01

Tgt Ion: 76 Resp: 33532

Ion Ratio Lower Upper

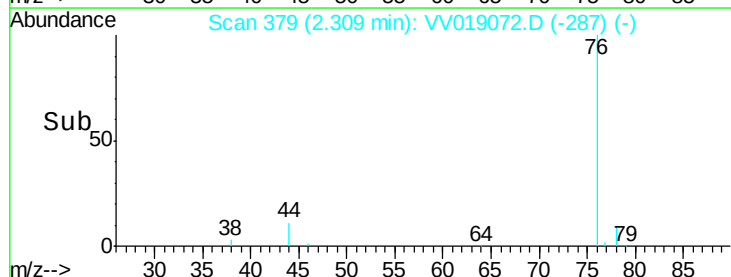
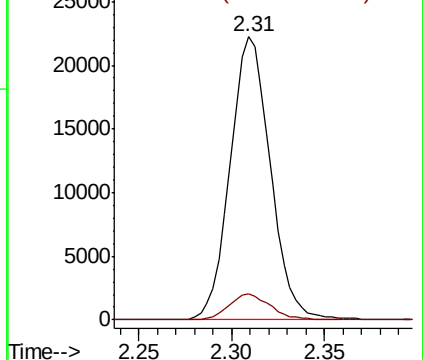
76 100

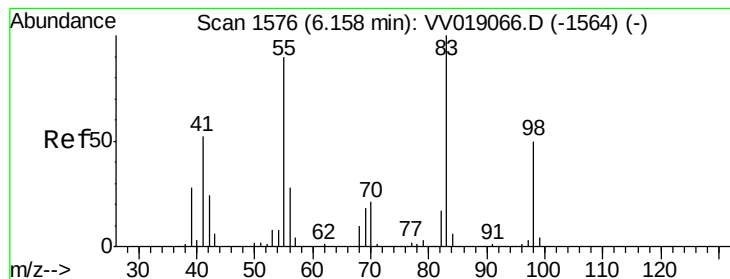
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#35

Methylvlcyclohexane

Concen: 9.011 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

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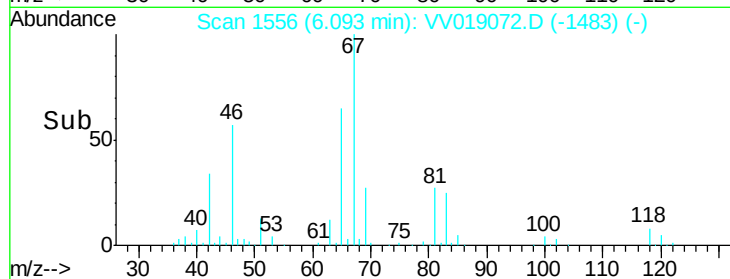
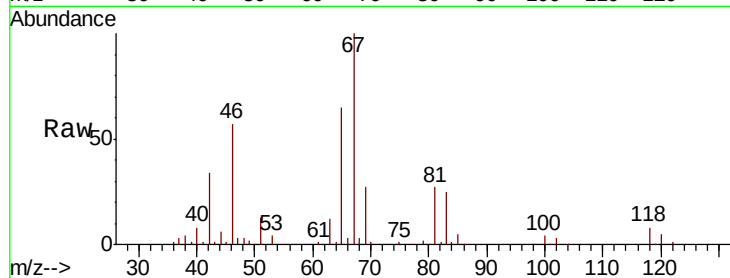
Tot Ion: 83 Resp: 26637

Ion Ratio Lower Upper

83 100

55 0.4 68.1 102.1#

98 0.8 37.9 56.9#



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

