

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019095.D
 Acq On : 23 Oct 2020 16:31
 Operator : SY/MD
 Sample : L4502-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108771	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	89675	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.64%
11) 1,1-Dichloroethene-d2	2.12	63	168100	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
21) 2-Butanone-d5	3.91	46	141970	84.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.92%
24) Chloroform-d	4.38	84	195142	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	5.06	65	138598	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
32) Benzene-d6	5.08	84	377929	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.09	67	119314	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.34	98	337063	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.64	79	61096	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.11	63	100100	85.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152261	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	132098	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

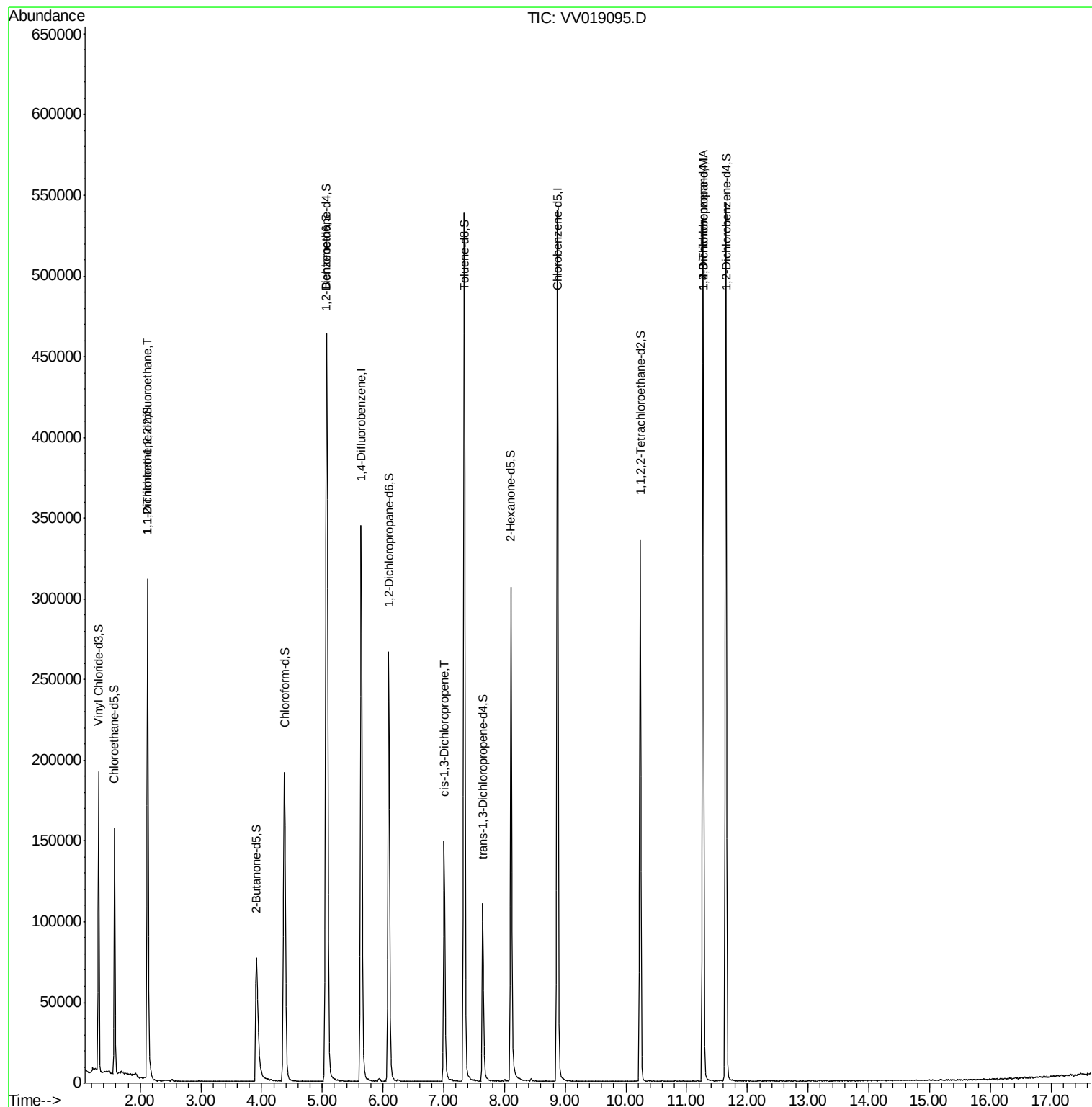
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1496	0.819 ug/L #	20
39) cis-1,3-Dichloropropene	7.01	75	3835	1.138 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	15790	5.922 ug/L	91

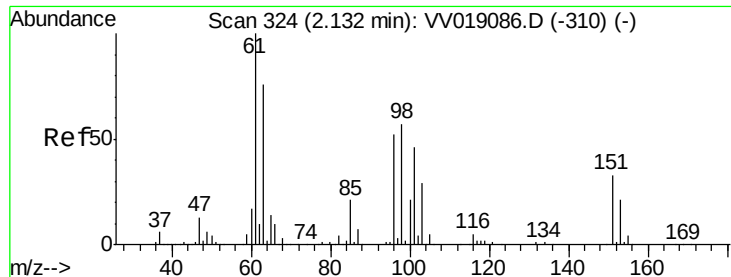
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.819 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019095.D

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Instrument :

MSVOA_V

ClientSampled :

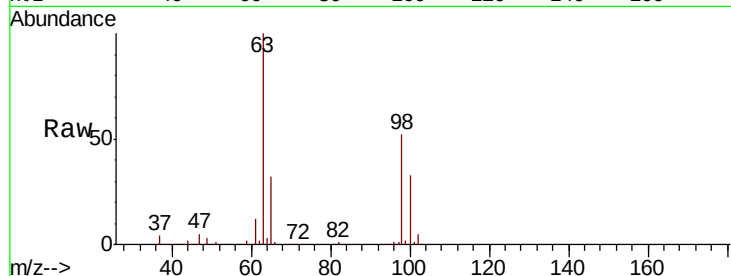
Tot Ion:101 Resp: 1496

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

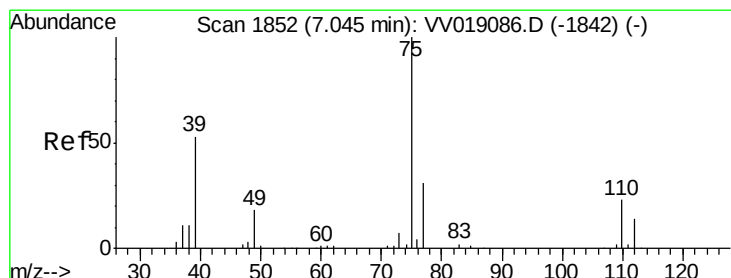
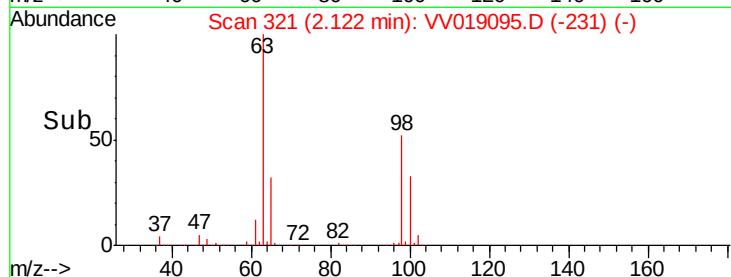
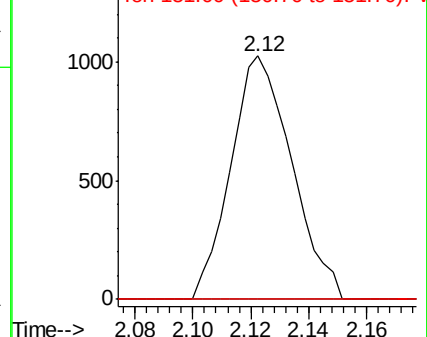
151 0.0 58.2 87.2#



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



#39

cis-1,3-Dichloropropene

Concen: 1.138 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

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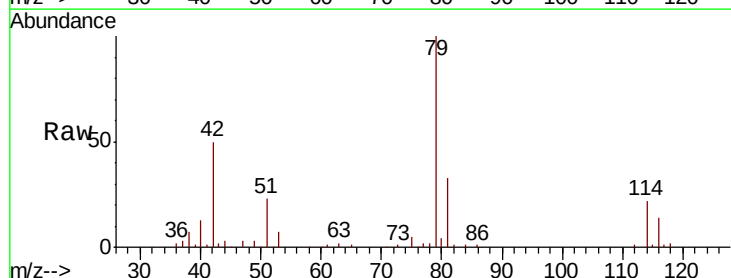
Acq: 23 Oct 2020 16:31

Tgt Ion: 75 Resp: 3835

Ion Ratio Lower Upper

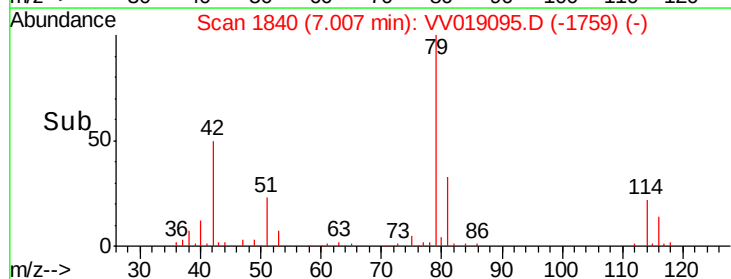
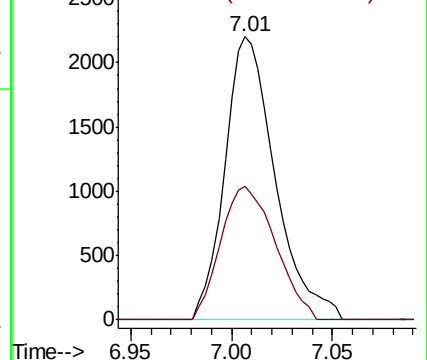
75 100

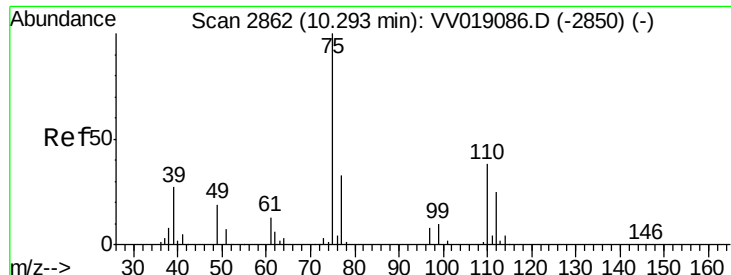
77 47.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.922 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

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Tot Ion: 75 Resp: 15790

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

