

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019516.D
 Acq On : 10 Dec 2020 17:52
 Operator : SY/MD
 Sample : L4997-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN6

Quant Time: Dec 11 02:39:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	621777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	579824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	271061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185513	41.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.22%
7) Chloroethane-d5	1.57	69	153049	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.04%
11) 1,1-Dichloroethene-d2	2.11	63	279540	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.56%
21) 2-Butanone-d5	3.89	46	222302	91.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.73%
24) Chloroform-d	4.35	84	358819	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.04	65	250412	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.05	84	714904	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.07	67	225168	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.96%
41) Toluene-d8	7.32	98	640938	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.62	79	126328	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
47) 2-Hexanone-d5	8.09	63	175809	92.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.47%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	299828	45.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	236600	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

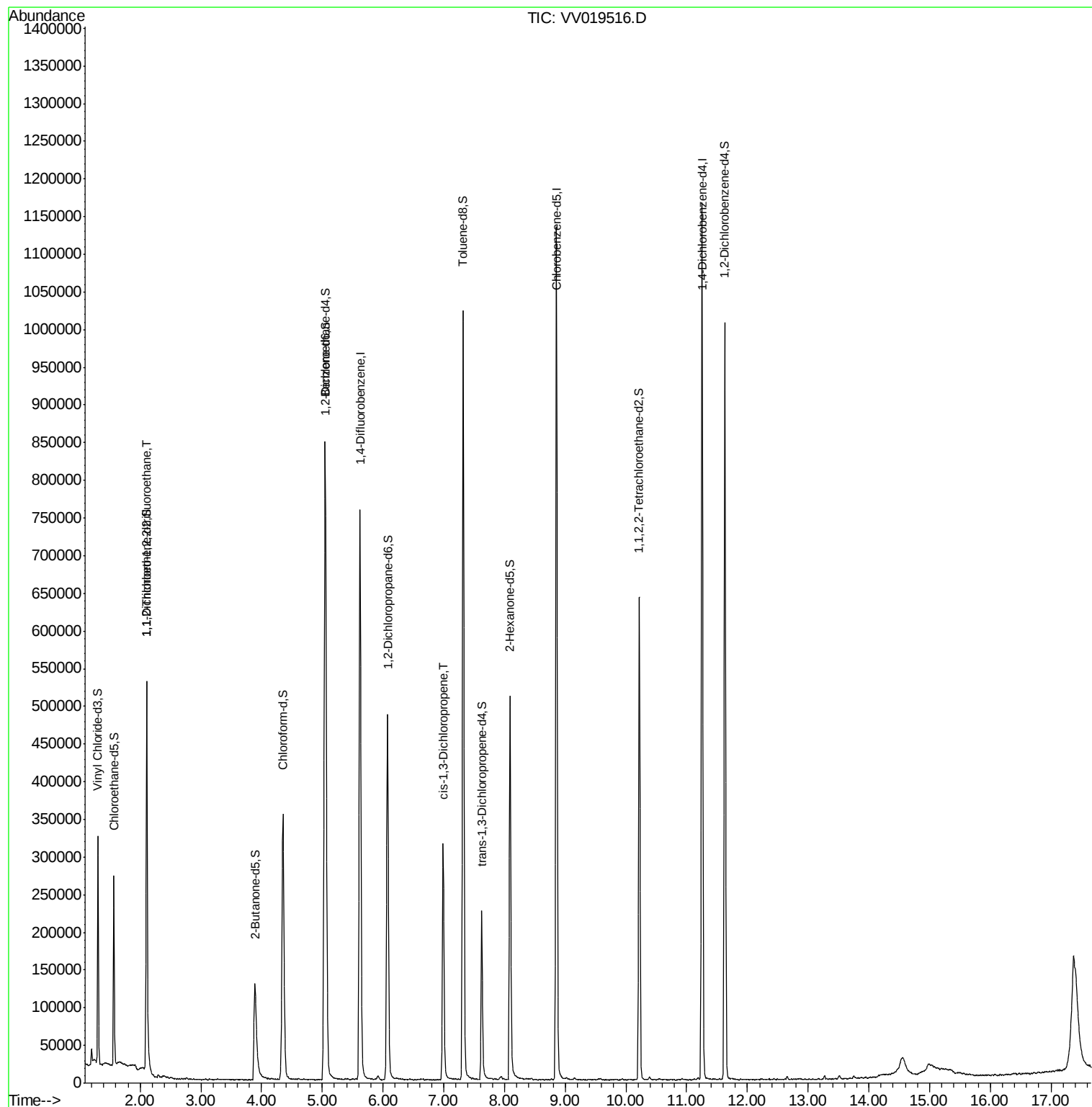
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2904	0.804 ug/L #	30
39) cis-1,3-Dichloropropene	6.99	75	8442	1.149 ug/L #	69

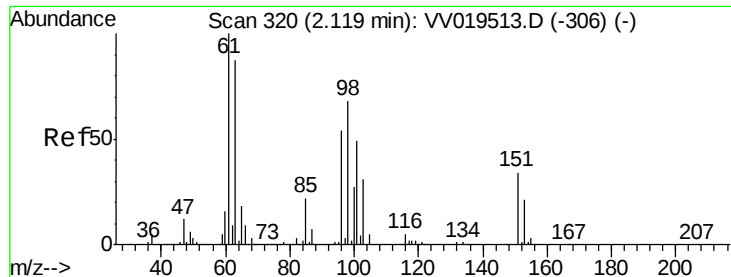
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.804 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019516.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AN6

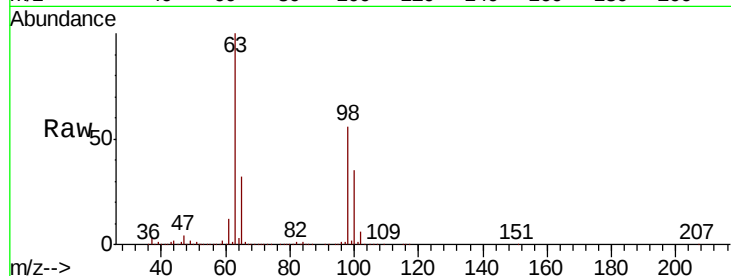
Tot Ion:101 Resp: 2904

Ion Ratio Lower Upper

101 100

85 8.2 35.0 52.4#

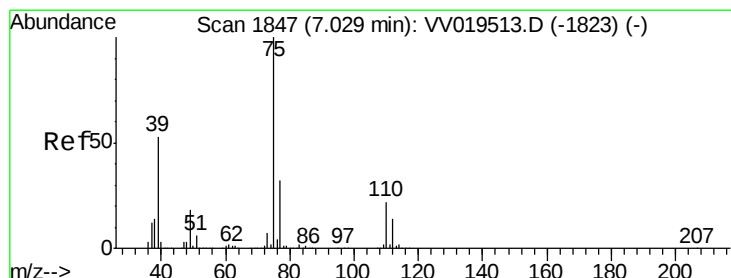
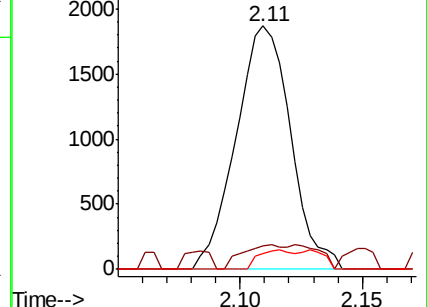
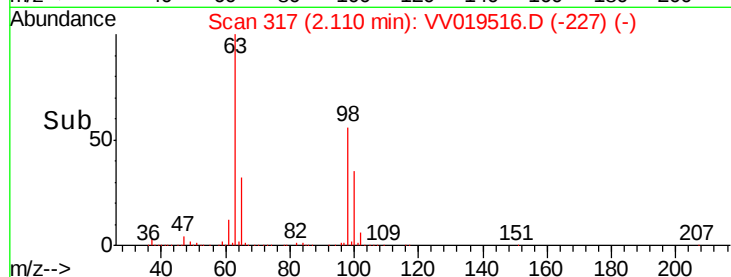
151 5.0 55.8 83.8#



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



#39

cis-1,3-Dichloropropene

Concen: 1.149 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

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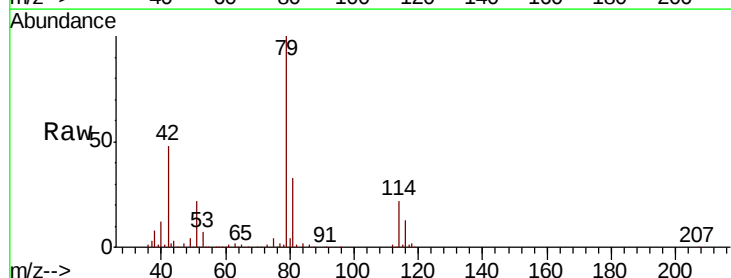
Acq: 10 Dec 2020 17:52

Tgt Ion: 75 Resp: 8442

Ion Ratio Lower Upper

75 100

77 49.1 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

