

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019639.D
 Acq On : 15 Dec 2020 05:52
 Operator : SY/MD
 Sample : L5424-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX9

Quant Time: Dec 15 10:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	610484	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	569197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	259557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185124	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.58%
7) Chloroethane-d5	1.57	69	165668	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.96%
11) 1,1-Dichloroethene-d2	2.11	63	283979	34.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.90%
21) 2-Butanone-d5	3.89	46	247807	104.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.15%
24) Chloroform-d	4.35	84	384054	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	5.04	65	267997	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
32) Benzene-d6	5.05	84	761710	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.07	67	247643	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.32	98	667616	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%
43) trans-1,3-Dichloropropene-	7.62	79	114766	42.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.86%
47) 2-Hexanone-d5	8.09	63	173245	92.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	315630	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.63	152	247161	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

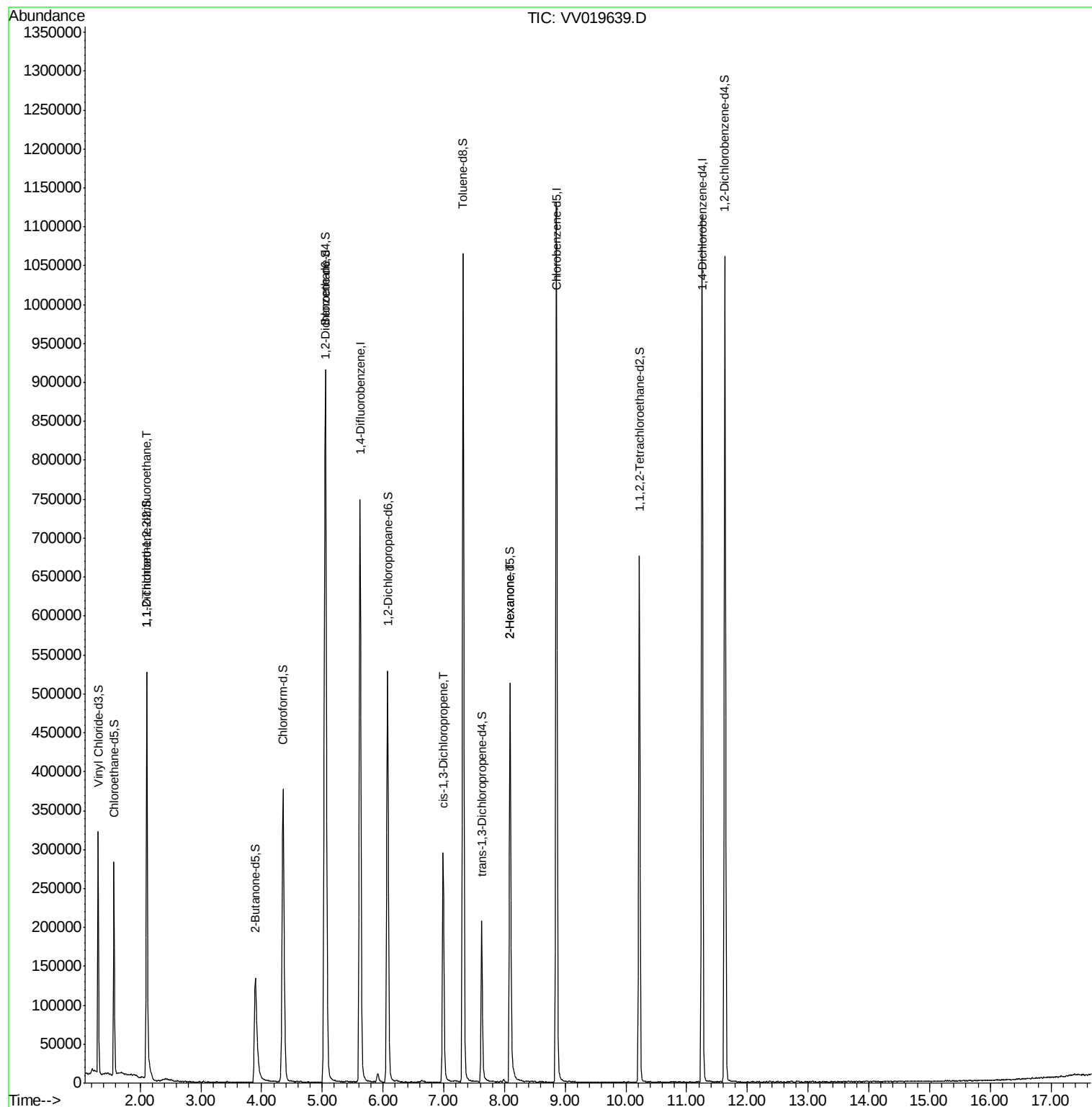
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2564	0.723 ug/L #	22
39) cis-1,3-Dichloropropene	6.99	75	7758	1.075 ug/L #	68
48) 2-Hexanone	8.09	43	21993	4.625 ug/L #	70

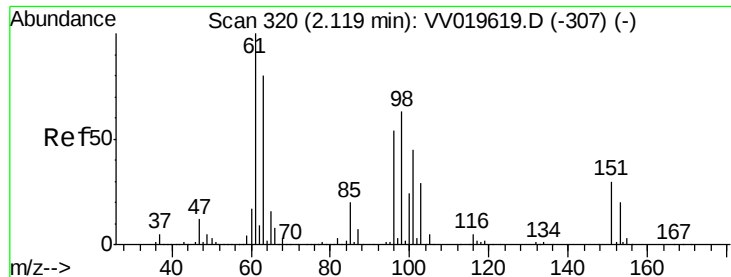
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.723 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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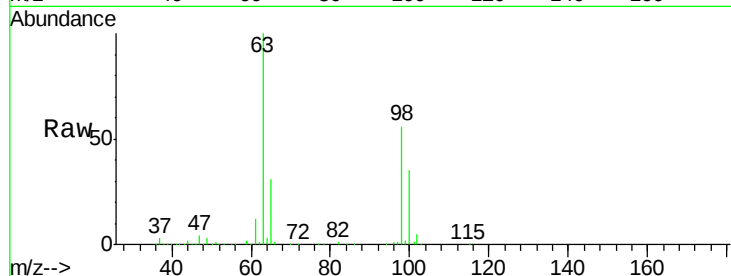
Tgt Ion:101 Resp: 2564

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

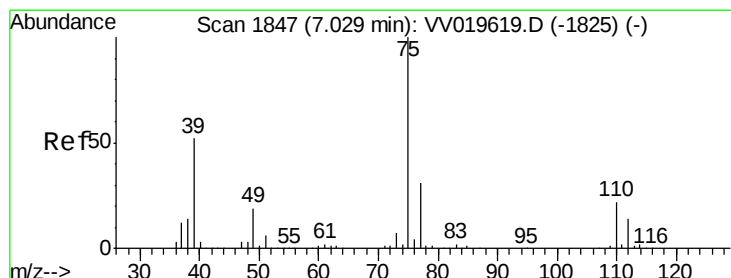
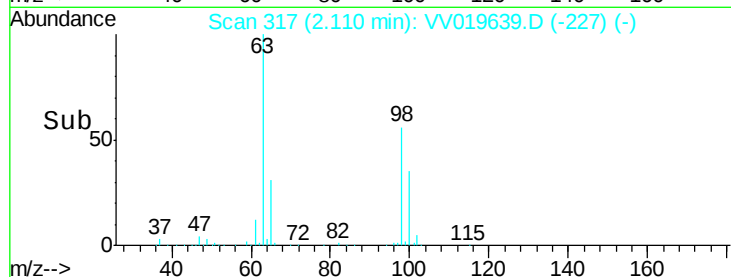
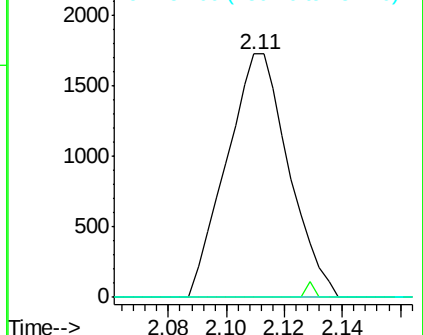
151 0.0 55.8 83.8#



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



#39

cis-1,3-Dichloropropene

Concen: 1.075 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

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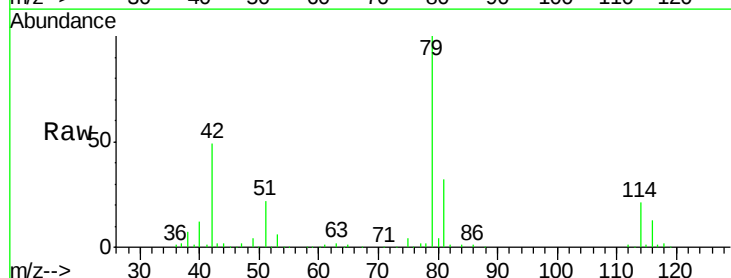
Acq: 15 Dec 2020 05:52

Tgt Ion: 75 Resp: 7758

Ion Ratio Lower Upper

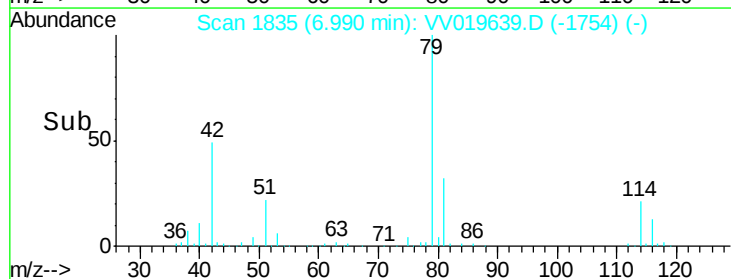
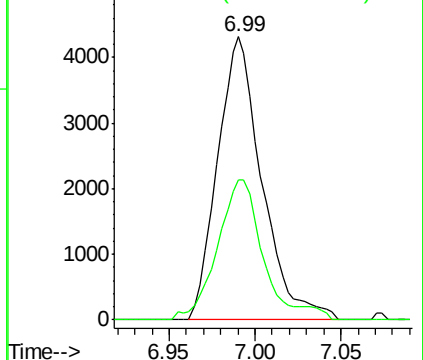
75 100

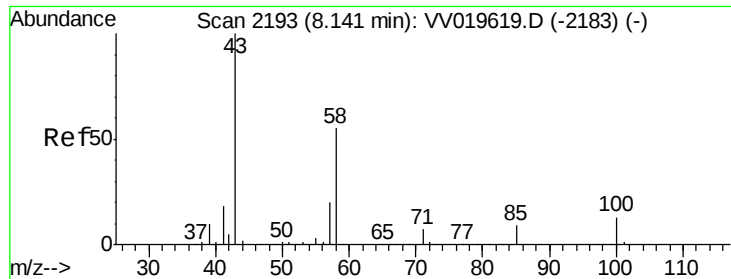
77 49.6 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 4.625 ug/L

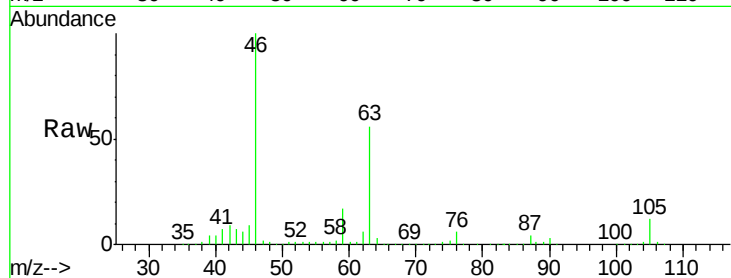
RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

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Tgt Ion:	43	Resp:	21993
Ion	Ratio	Lower	Upper
43	100		
58	28.1	44.4	66.6#
57	22.5	15.7	23.5
100	0.6	9.9	14.9#

