

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019621.D
 Acq On : 14 Dec 2020 22:41
 Operator : SY/MD
 Sample : L4997-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Dec 15 10:30:05 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	624751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	578704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	263645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	204312	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.22%
7) Chloroethane-d5	1.57	69	175731	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.46%
11) 1,1-Dichloroethene-d2	2.11	63	310843	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	3.89	46	276191	113.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.43%
24) Chloroform-d	4.35	84	398171	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.04	65	277820	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.30%
32) Benzene-d6	5.05	84	795110	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
36) 1,2-Dichloropropane-d6	6.07	67	255676	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	7.32	98	697325	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%
43) trans-1,3-Dichloropropene-	7.62	79	124886	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.09	63	199683	105.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	335263	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.63	152	255108	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

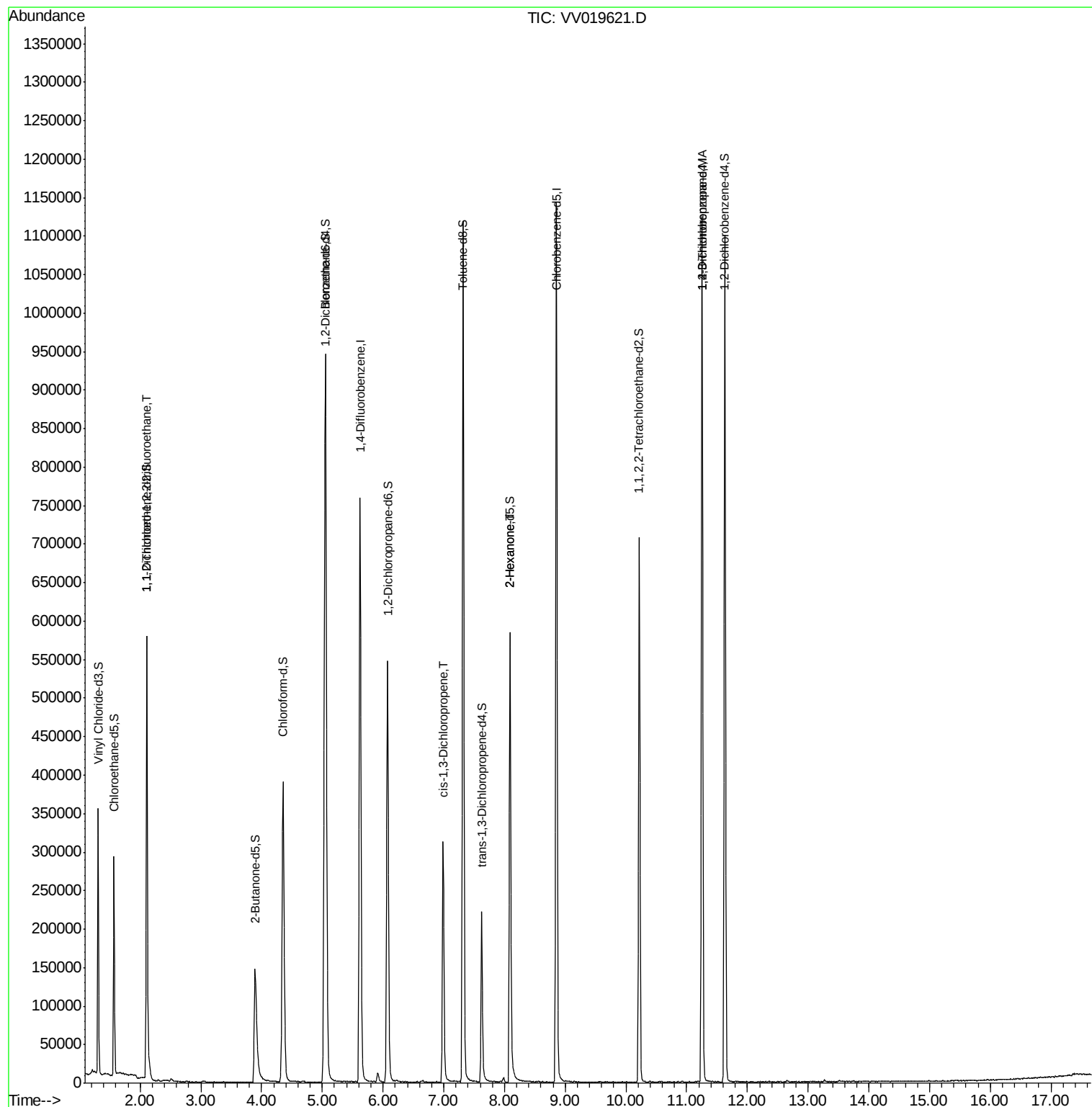
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2881	0.794 ug/L #	22
39) cis-1,3-Dichloropropene	6.99	75	7896	1.076 ug/L #	58
48) 2-Hexanone	8.09	43	23466	4.853 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	35269	6.420 ug/L	91

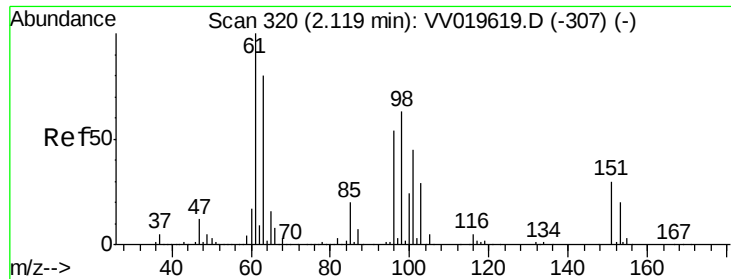
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.794 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK01

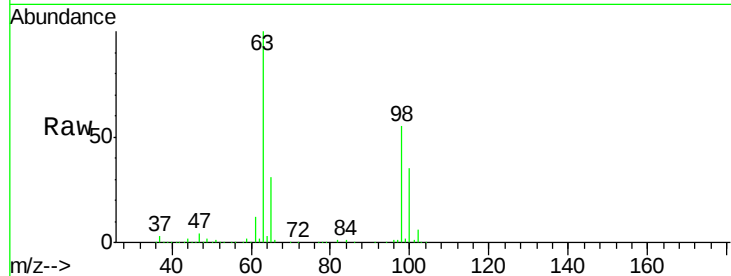
Tgt Ion:101 Resp: 2881

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

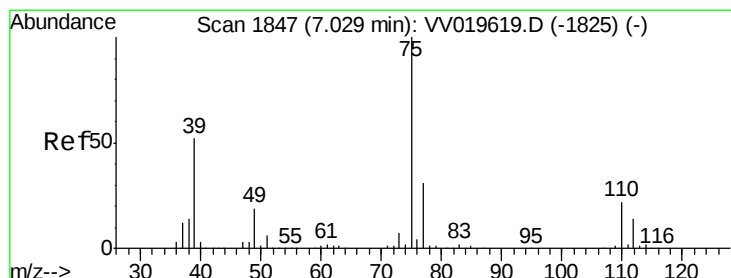
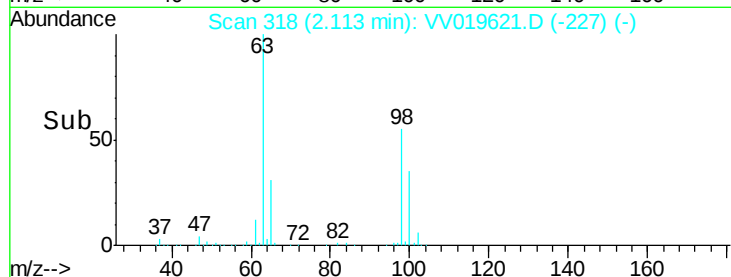
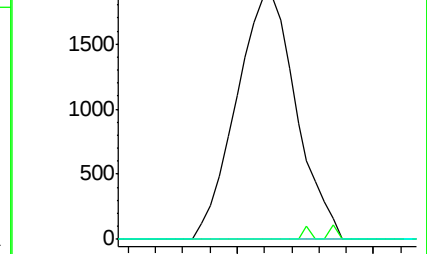
151 0.0 55.8 83.8#



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: 1.076 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019621.D

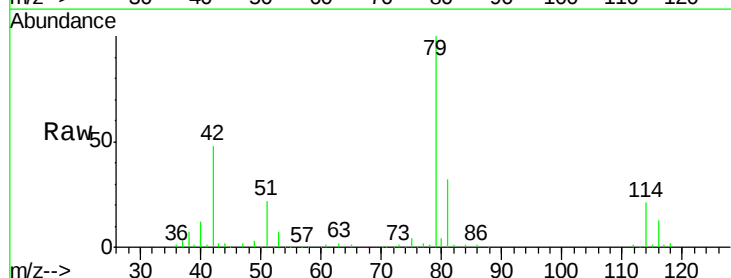
Acq: 14 Dec 2020 22:41

Tgt Ion: 75 Resp: 7896

Ion Ratio Lower Upper

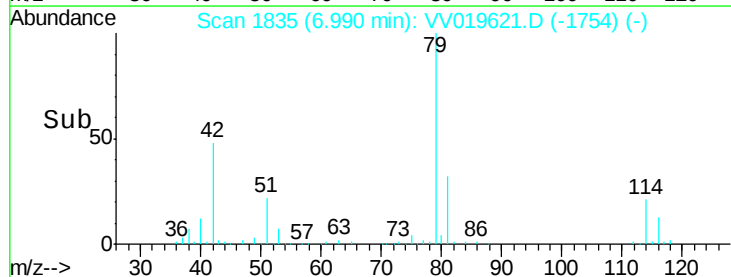
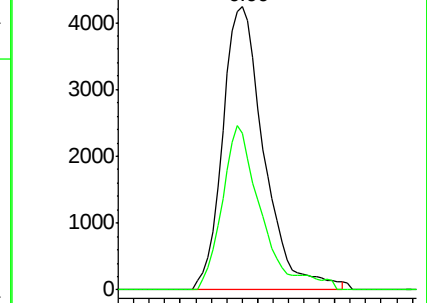
75 100

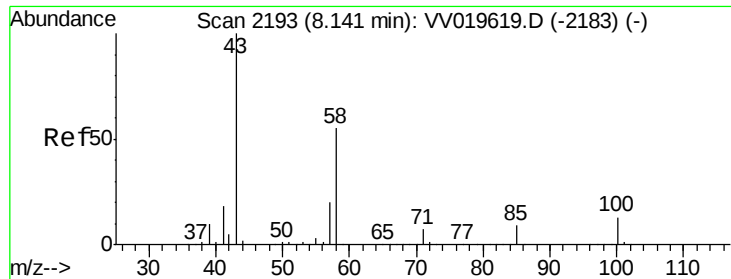
77 55.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

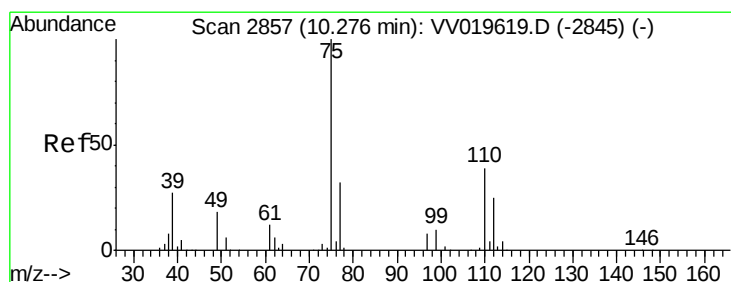
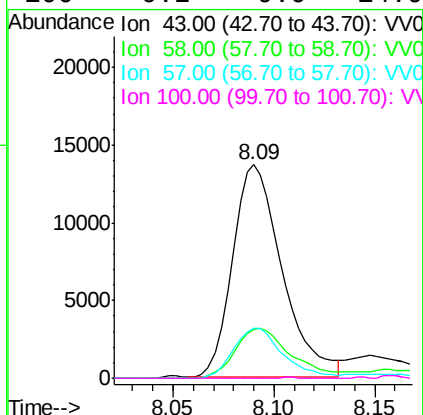
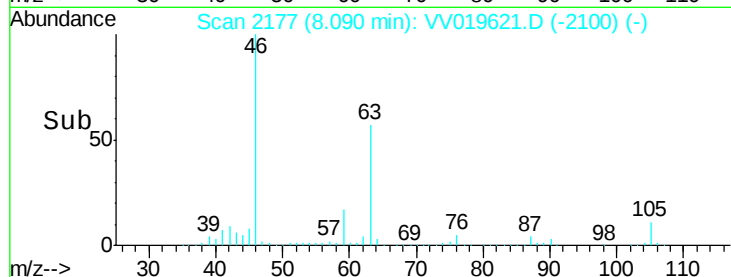
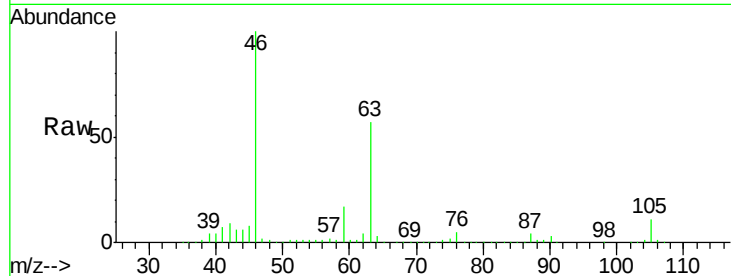




#48
2-Hexanone
Concen: 4.853 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 23466
Ion Ratio Lower Upper
43 100
58 26.7 44.4 66.6#
57 23.7 15.7 23.5#
100 0.2 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 6.420 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019621.D
Acq: 14 Dec 2020 22:41

Tgt Ion: 75 Resp: 35269
Ion Ratio Lower Upper
75 100
77 37.6 25.8 38.8

