

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019503.D
 Acq On : 07 Dec 2020 20:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK78

Quant Time: Dec 08 03:07:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289966	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67345	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.62%
7) Chloroethane-d5	1.58	69	91274	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.68%
11) 1,1-Dichloroethene-d2	2.12	63	182789	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.52%
21) 2-Butanone-d5	3.90	46	149844	108.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	4.37	84	227675	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.88%
26) 1,2-Dichloroethane-d4	5.05	65	162749	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.84%
32) Benzene-d6	5.07	84	447584	56.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.96%
36) 1,2-Dichloropropane-d6	6.09	67	151523	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.32%
41) Toluene-d8	7.33	98	371690	54.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.70%
43) trans-1,3-Dichloropropene-	7.64	79	66356	51.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.06%
47) 2-Hexanone-d5	8.10	63	76727	96.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	158389	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	131917	60.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

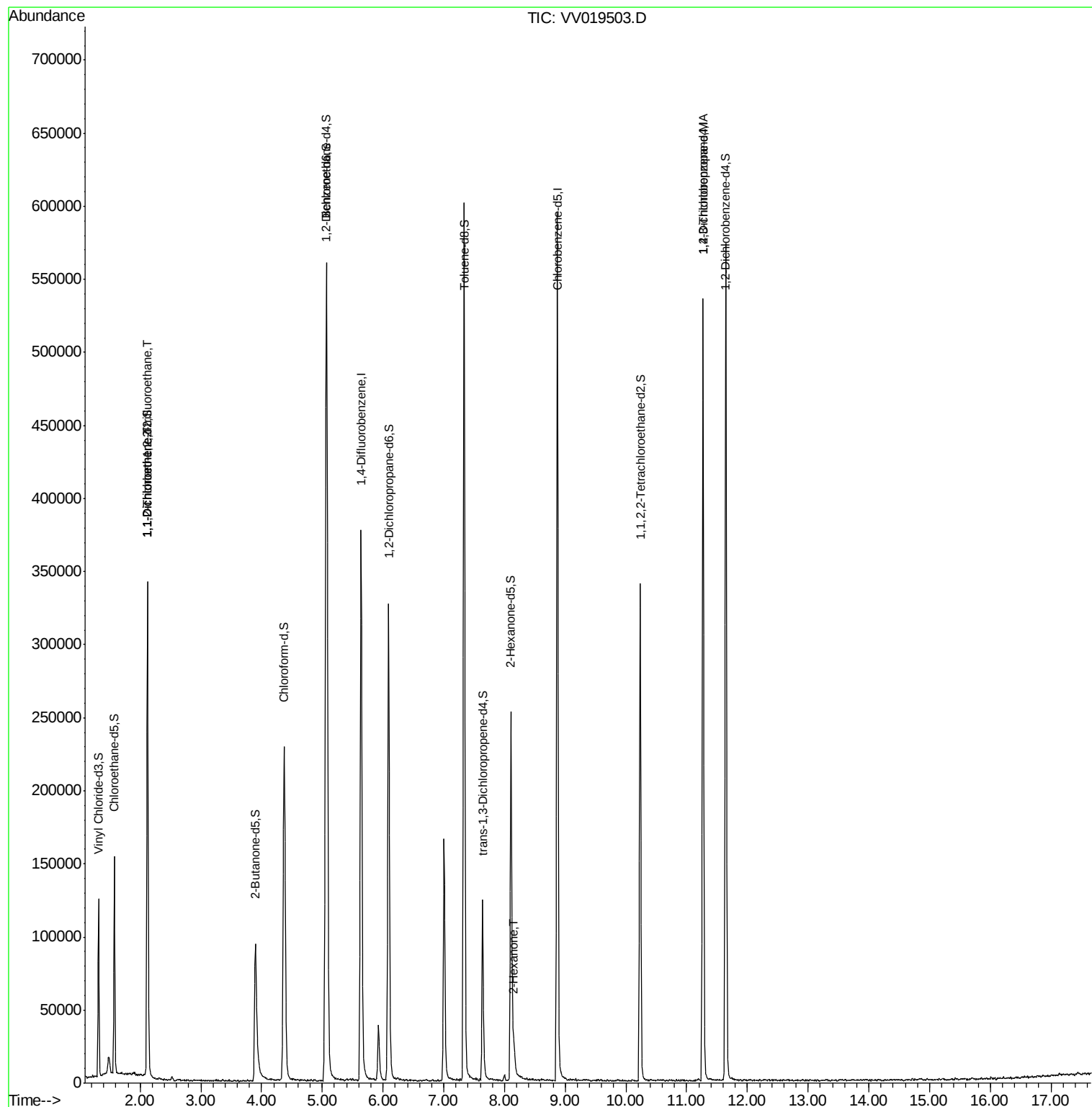
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1636	0.992 ug/L #	26
12) 1,1-Dichloroethene	2.12	96	1462	0.945 ug/L #	1
48) 2-Hexanone	8.16	43	10434	3.650 ug/L #	83
59) 1,2,3-Trichloropropane	11.27	75	18554	6.246 ug/L	89

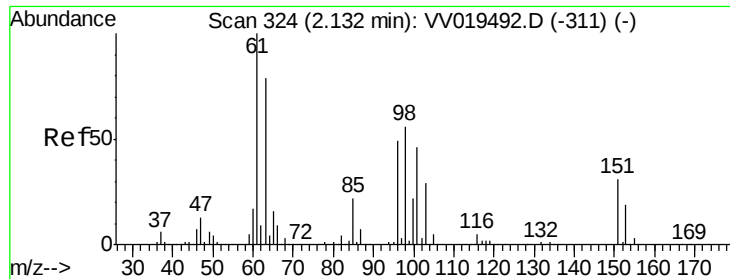
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.992 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019503.D

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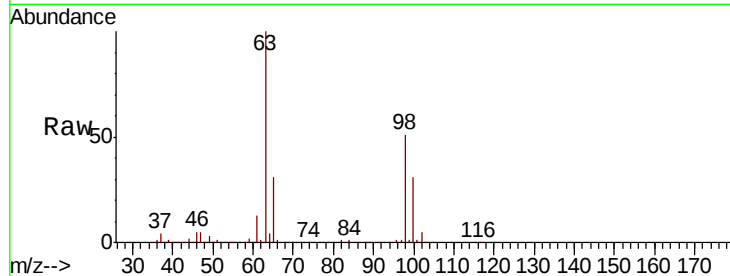
Tot Ion:101 Resp: 1636

Ion Ratio Lower Upper

101 100

85 2.4 37.3 55.9#

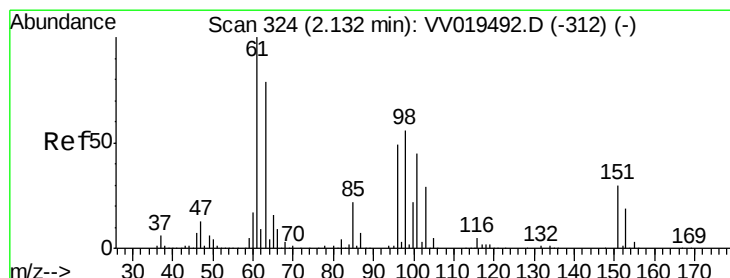
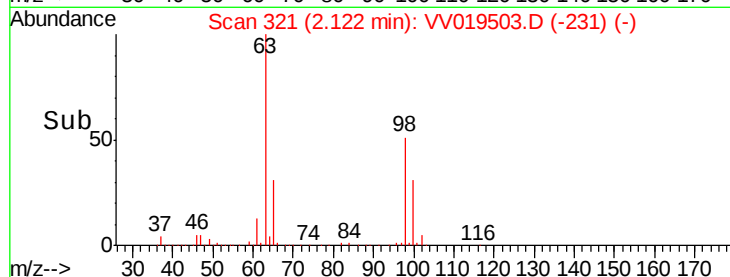
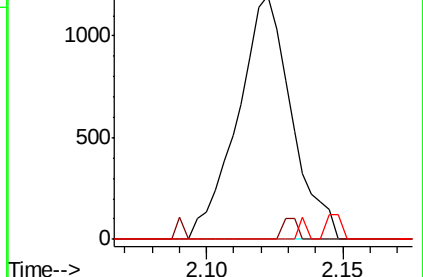
151 2.9 53.3 79.9#



Abundance Ion 101.00 (100.70 to 101.70): VV019492.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV019492.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV019492.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 0.945 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019503.D

Acq: 07 Dec 2020 20:35

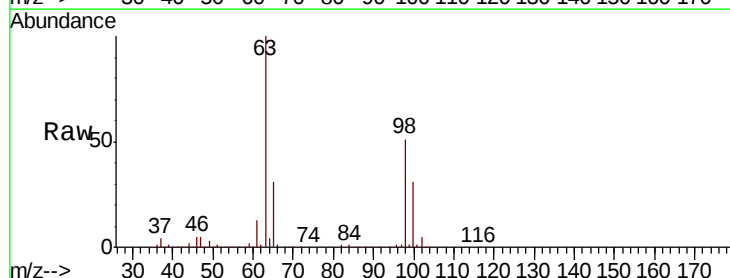
Tgt Ion: 96 Resp: 1462

Ion Ratio Lower Upper

96 100

61 1738.7 144.8 268.8#

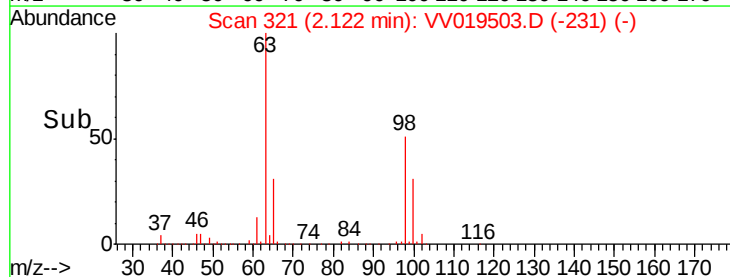
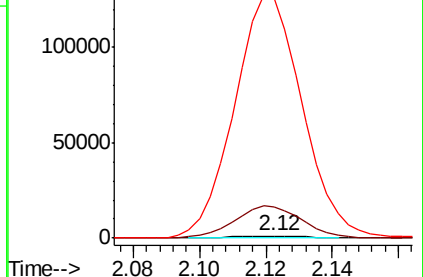
63 13385.1 110.0 204.2#

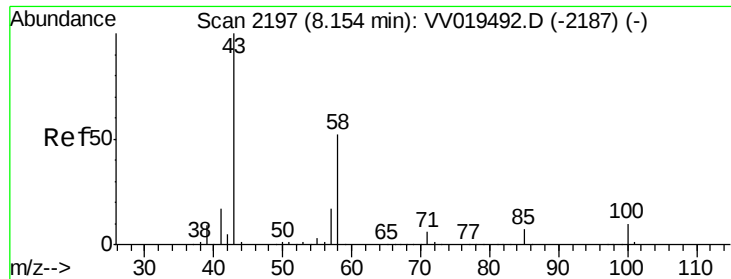


Abundance Ion 96.00 (95.70 to 96.70): VV019492.D (-312) (-)

Ion 61.00 (60.70 to 61.70): VV019492.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV019492.D (-312) (-)

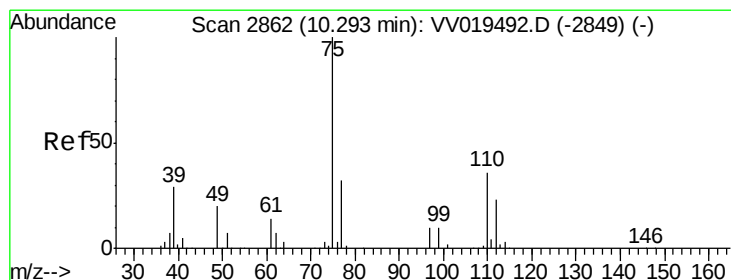
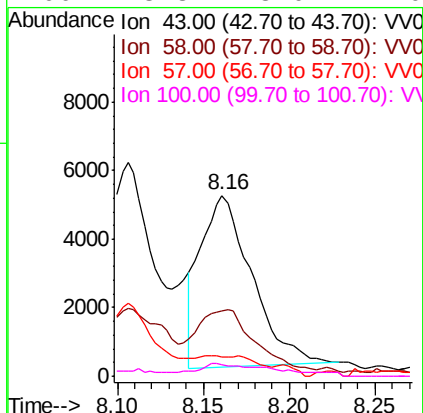
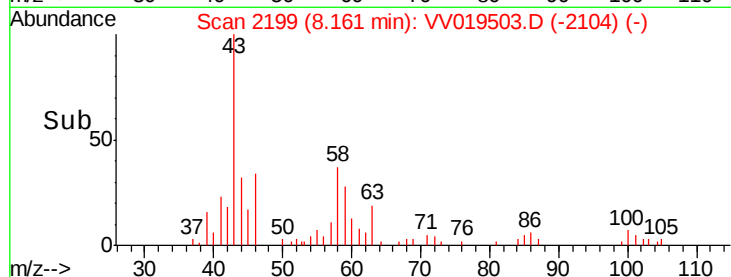
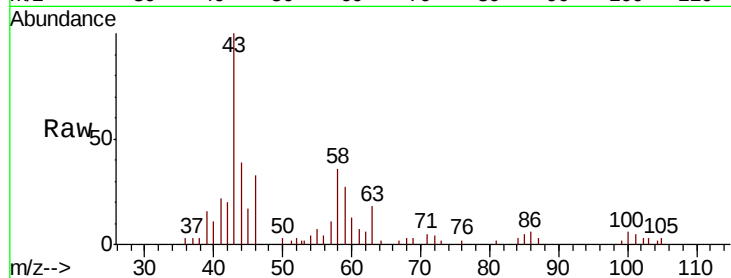




#48
2-Hexanone
Concen: 3.650 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 10434
Ion Ratio Lower Upper
43 100
58 44.3 41.0 61.6
57 2.4 14.2 21.2#
100 3.3 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 6.246 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019503.D
Acq: 07 Dec 2020 20:35

Tgt Ion: 75 Resp: 18554
Ion Ratio Lower Upper
75 100
77 37.9 25.5 38.3

