

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019608.D
 Acq On : 14 Dec 2020 16:40
 Operator : SY/MD
 Sample : VIBLK72
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK72

Quant Time: Dec 15 07:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	681282	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	633010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	290957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	215173	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.57	69	185061	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.06%
11) 1,1-Dichloroethene-d2	2.11	63	316690	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.89	46	265832	100.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.11%
24) Chloroform-d	4.35	84	415164	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.04	65	284520	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.05	84	824282	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	6.07	67	265767	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.32	98	720419	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%
43) trans-1,3-Dichloropropene-	7.62	79	129492	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.09	63	196183	94.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	341107	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	262770	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

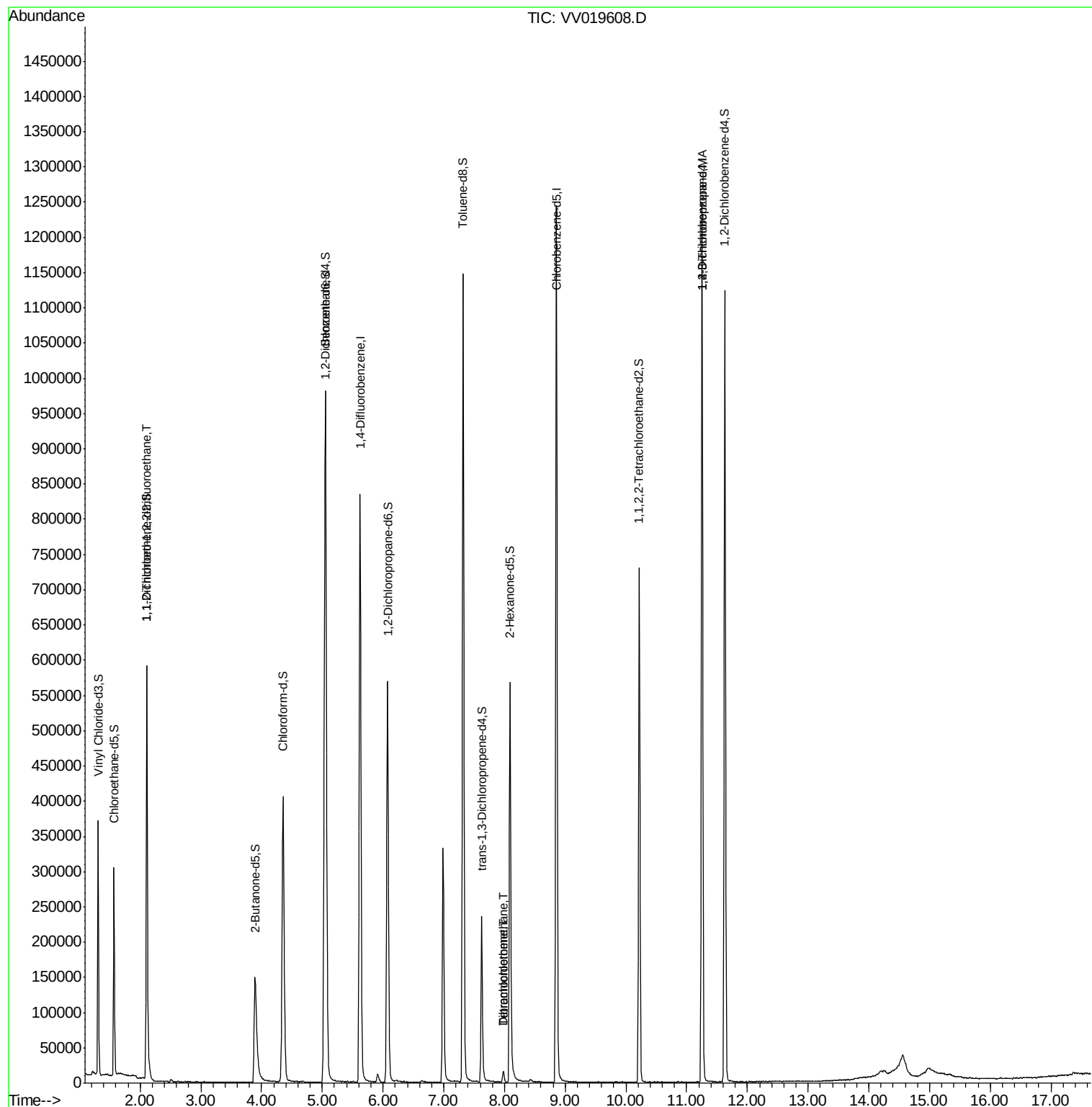
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2840	0.718 ug/L #	22
46) Tetrachloroethene	7.98	164	3502	1.036 ug/L	93
49) Dibromochloromethane	7.98	129	3575	0.712 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	38679	6.436 ug/L #	88

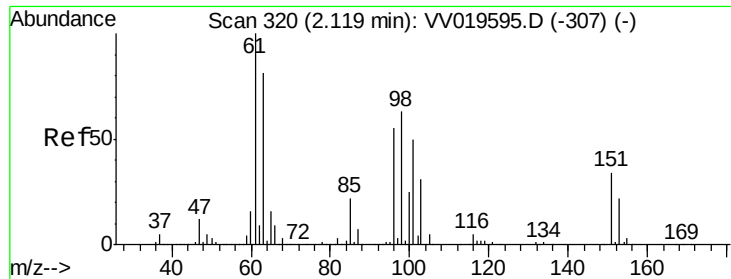
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.718 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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VIBLK72

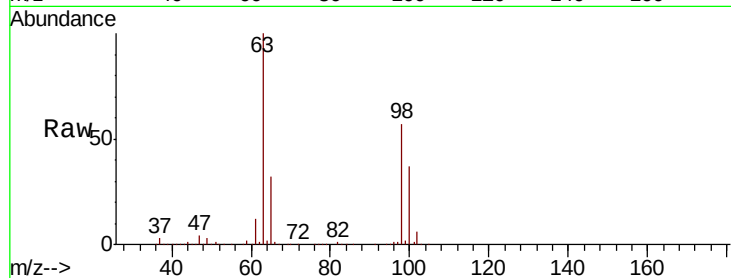
Tot Ion:101 Resp: 2840

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

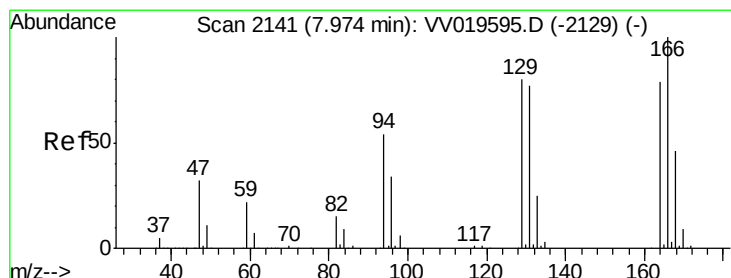
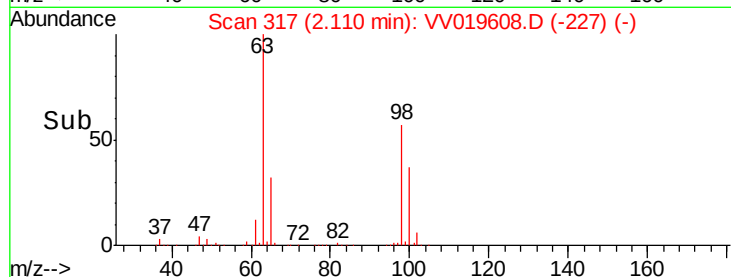
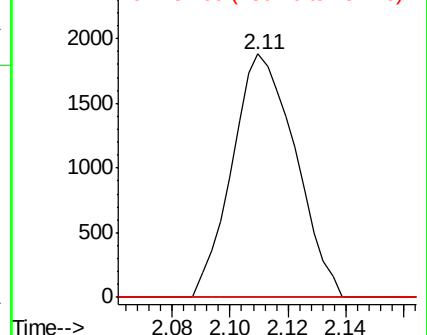
151 0.0 55.8 83.8#



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



#46

Tetrachloroethene

Concen: 1.036 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VV019608.D

Acq: 14 Dec 2020 16:40

Tgt Ion:164 Resp: 3502

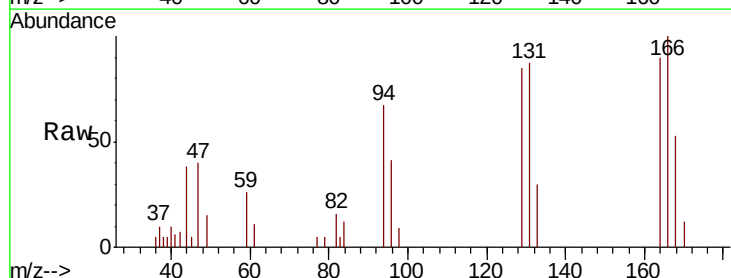
Ion Ratio Lower Upper

164 100

129 94.3 70.6 131.0

131 96.2 68.0 126.4

166 111.0 86.9 161.5

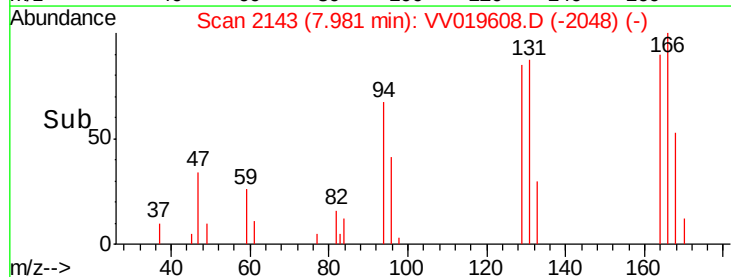
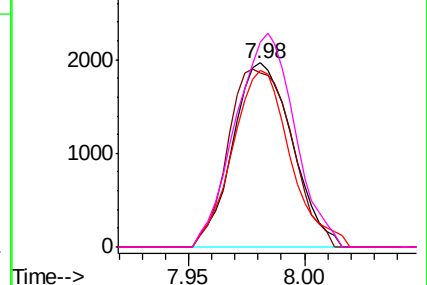


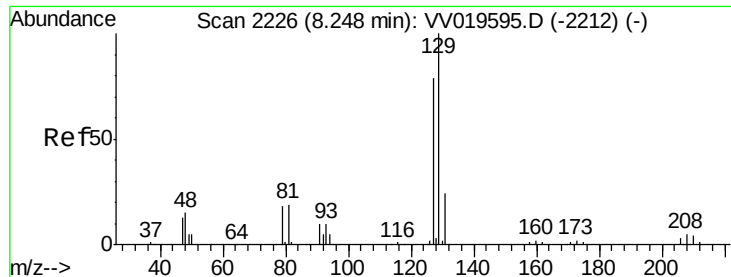
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

Dibromochloromethane

Concen: 0.712 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. -0.27 min

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MSVOA_V

ClientSampleId :

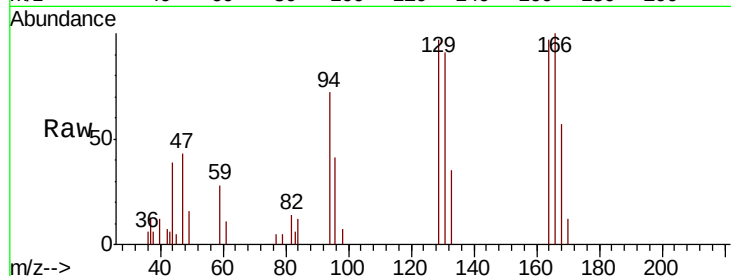
VIBLK72

Tot Ion:129 Resp: 3575

Ion Ratio Lower Upper

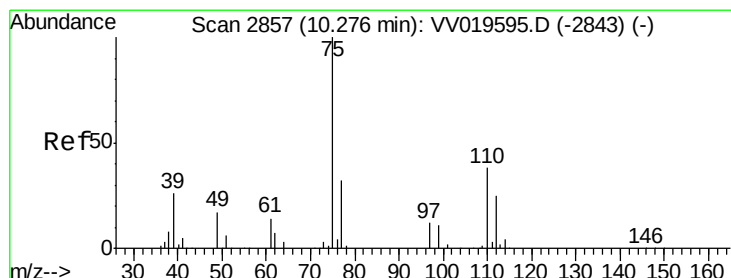
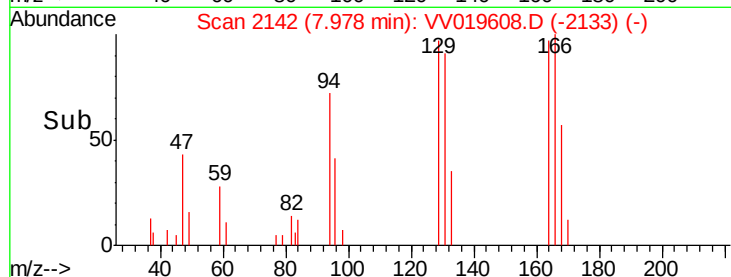
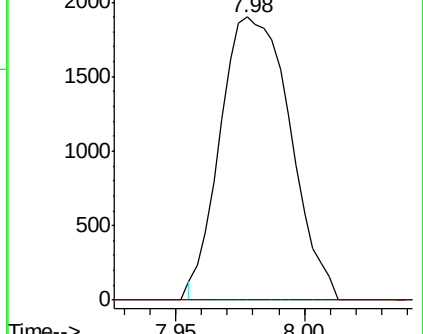
129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 6.436 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019608.D

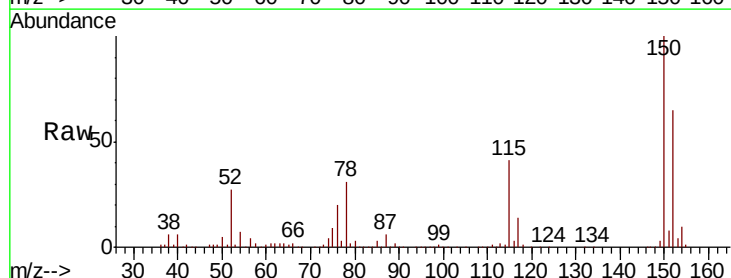
Acq: 14 Dec 2020 16:40

Tgt Ion: 75 Resp: 38679

Ion Ratio Lower Upper

75 100

77 39.1 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

