

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019601.D
 Acq On : 14 Dec 2020 13:52
 Operator : SY/MD
 Sample : VIBLK70
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Quant Time: Dec 15 07:23:03 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	656348	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	606453	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	284371	50.00	ug/L	0.00

System Monitoring Compounds

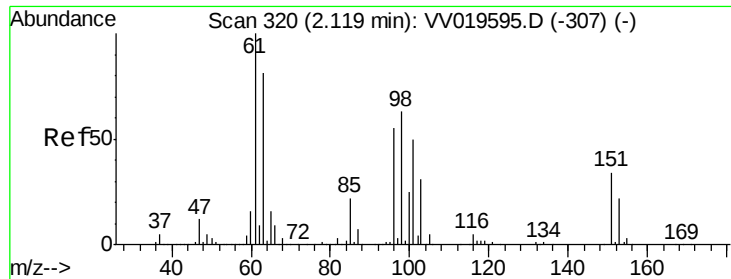
4) Vinyl Chloride-d3	1.31	65	226782	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.36%
7) Chloroethane-d5	1.57	69	191392	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.12%
11) 1,1-Dichloroethene-d2	2.11	63	334014	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	3.90	46	277489	108.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.47%
24) Chloroform-d	4.35	84	416030	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.04	65	288778	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
32) Benzene-d6	5.05	84	841675	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
36) 1,2-Dichloropropane-d6	6.07	67	264961	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.32	98	748620	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%
43) trans-1,3-Dichloropropene-	7.62	79	135714	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
47) 2-Hexanone-d5	8.09	63	206311	103.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.75%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	344983	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	11.63	152	272630	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3019	0.792 ug/L #	23
27) 1,2-Dichloroethane	5.05	62	5418	0.788 ug/L	95
46) Tetrachloroethene	7.98	164	3166	0.977 ug/L	82
49) Dibromochloromethane	7.98	129	2900	0.602 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	37855	6.575 ug/L #	88

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

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Sample    : VIBLK70  
Misc      : 5.0mL/MSVOA V/WATER  
ALS Vial  : 4 Sample Multiplier: 1
```



#10

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

Concen: 0.792 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019601.D

Acq: 14 Dec 2020 13:52

Instrument :

MSVOA_V

ClientSampleId :

VIBLK70

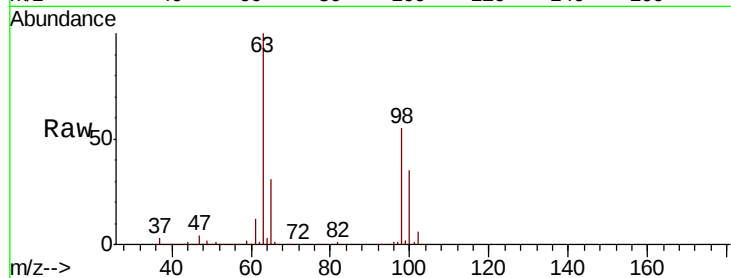
Tot Ion:101 Resp: 3019

Ion Ratio Lower Upper

101 100

85 2.1 35.0 52.4#

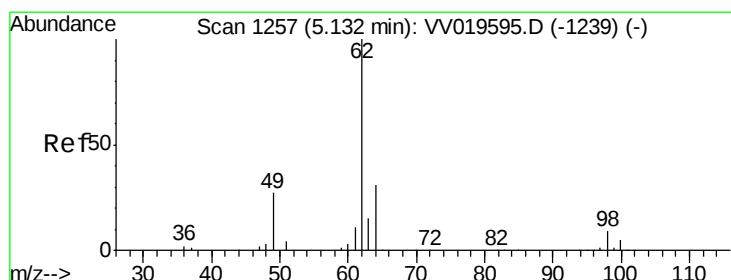
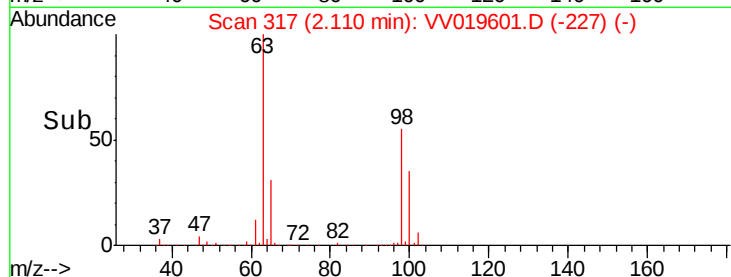
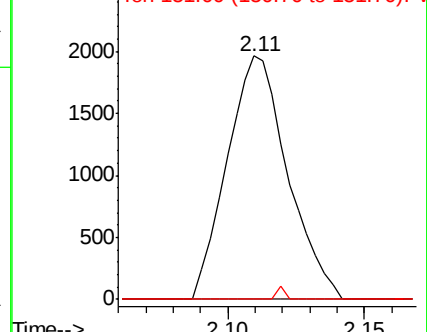
151 0.0 55.8 83.8#



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



#27

1,2-Dichloroethane

Concen: 0.788 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019601.D

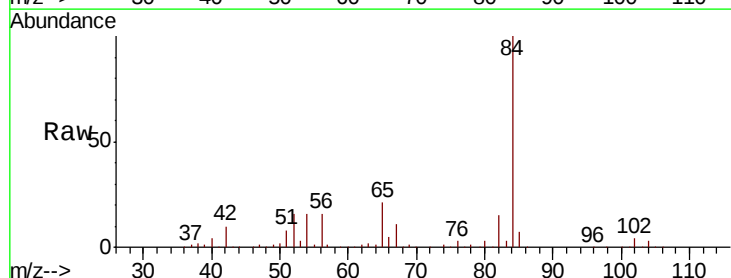
Acq: 14 Dec 2020 13:52

Tgt Ion: 62 Resp: 5418

Ion Ratio Lower Upper

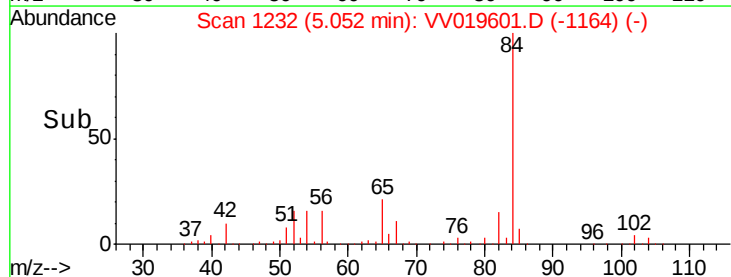
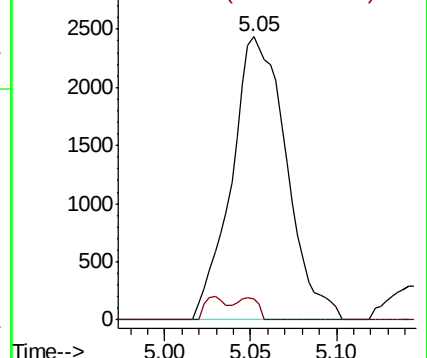
62 100

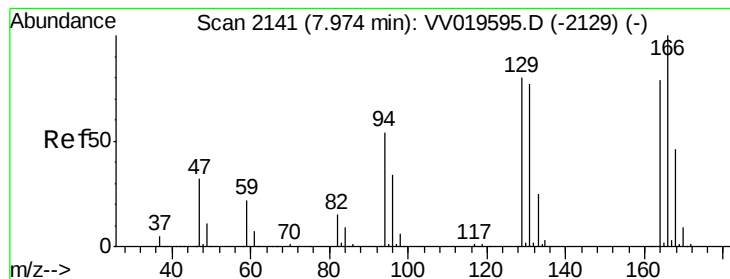
98 7.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 0.977 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019601.D

Acq: 14 Dec 2020 13:52

Instrument :

MSVOA_V

ClientSampleId :

VIBLK70

Tot Ion:164 Resp: 3166

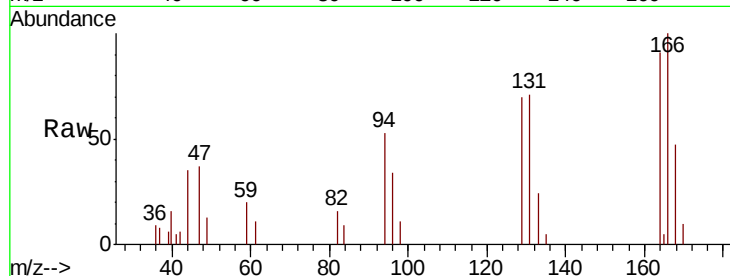
Ion Ratio Lower Upper

164 100

129 77.1 70.6 131.0

131 78.6 68.0 126.4

166 110.2 86.9 161.5

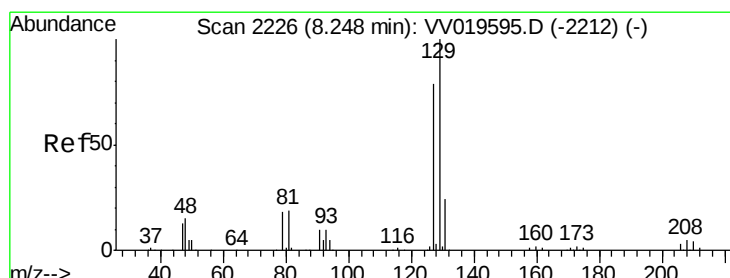
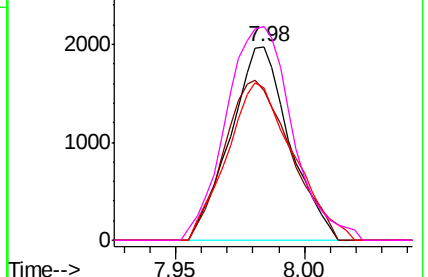
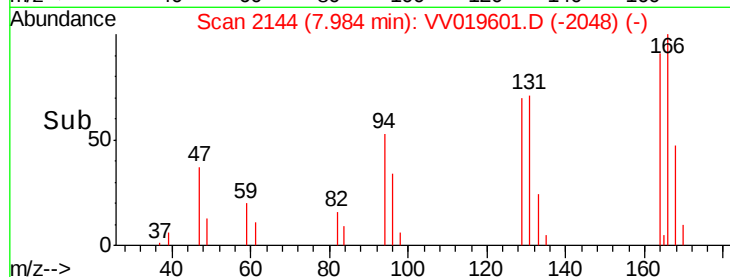


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.602 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019601.D

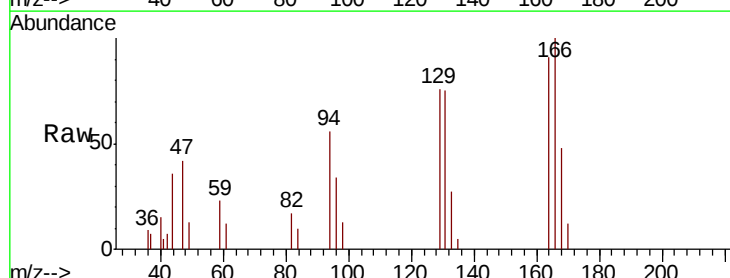
Acq: 14 Dec 2020 13:52

Tgt Ion:129 Resp: 2900

Ion Ratio Lower Upper

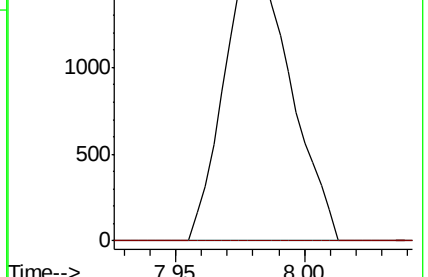
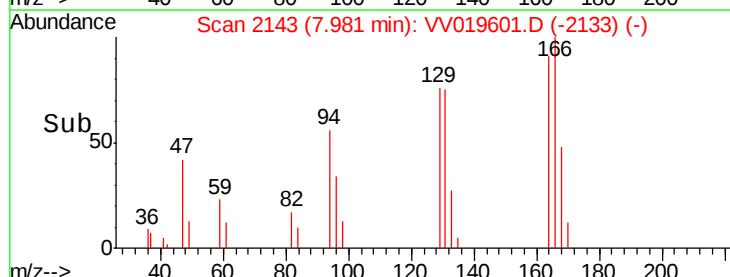
129 100

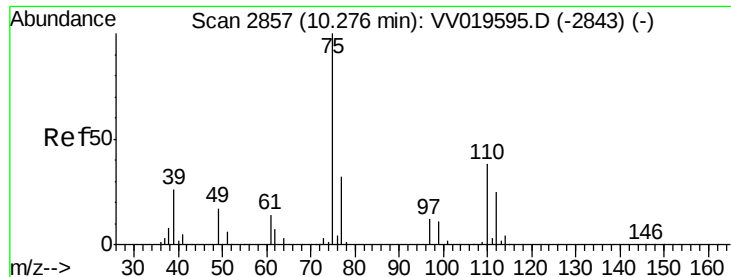
127 0.0 54.2 100.6#



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: 6.575 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019601.D

Acq: 14 Dec 2020 13:52

Instrument :

MSVOA_V

ClientSampleId :

VIBLK70

Tot Ion: 75 Resp: 37855

Ion Ratio Lower Upper

75 100

77 39.0 25.8 38.8#

