

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019560.D
 Acq On : 12 Dec 2020 16:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Dec 13 04:40:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	615706	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	573521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	258654	50.00	ug/L	0.00

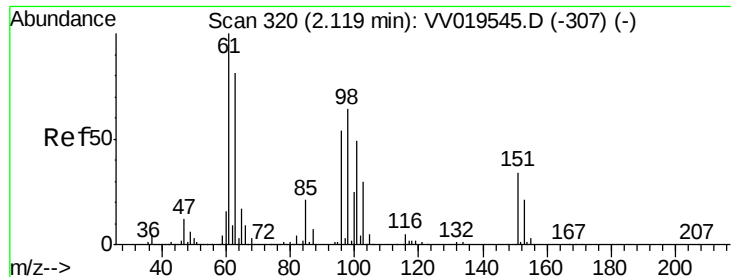
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	254897	57.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.46%
7) Chloroethane-d5	1.57	69	205955	59.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.28%
11) 1,1-Dichloroethene-d2	2.11	63	358745	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
21) 2-Butanone-d5	3.89	46	292131	121.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.73%
24) Chloroform-d	4.35	84	437322	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
26) 1,2-Dichloroethane-d4	5.04	65	307071	59.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.10%
32) Benzene-d6	5.05	84	880167	57.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.08%
36) 1,2-Dichloropropane-d6	6.07	67	276265	57.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.32%
41) Toluene-d8	7.32	98	769808	55.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.62	79	141063	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.52%
47) 2-Hexanone-d5	8.09	63	218338	116.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.10%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	359477	55.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.94%
64) 1,2-Dichlorobenzene-d4	11.63	152	273693	56.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.22%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3059	0.856 ug/L #	22
46) Tetrachloroethene	7.98	164	4083	1.333 ug/L	97
49) Dibromochloromethane	7.98	129	4433	0.974 ug/L #	11
59) 1,2,3-Trichloropropane	11.25	75	35013	6.431 ug/L	89

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



#10

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

Concen: 0.856 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019560.D

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Instrument :

MSVOA_V

ClientSampled :

VIBLK

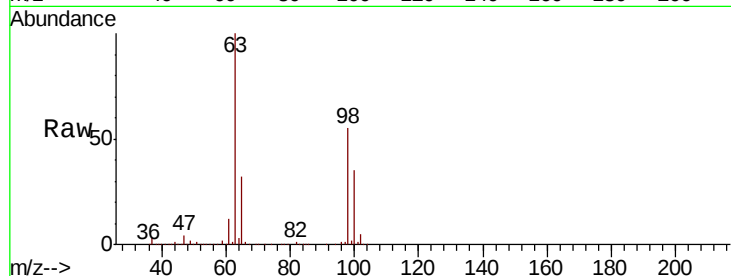
Tot Ion:101 Resp: 3059

Ion Ratio Lower Upper

101 100

85 1.3 35.0 52.4#

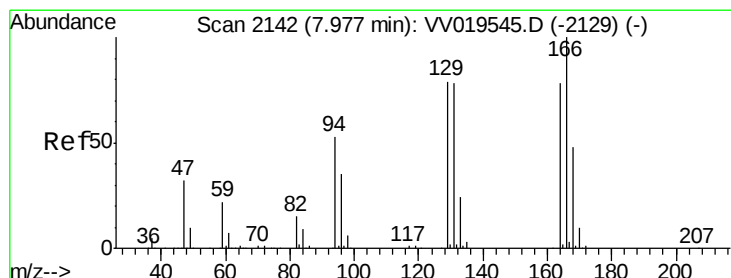
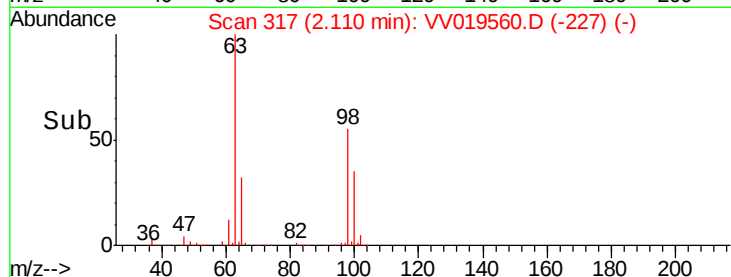
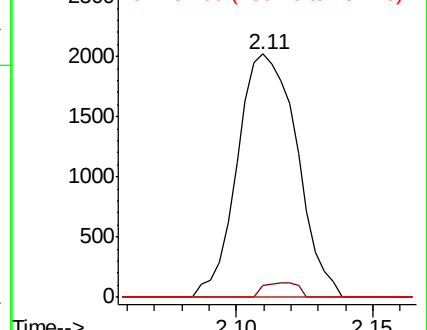
151 0.0 55.8 83.8#



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: 1.333 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019560.D

Acq: 12 Dec 2020 16:53

Tgt Ion:164 Resp: 4083

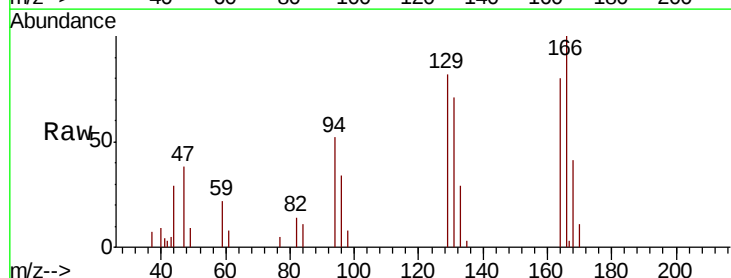
Ion Ratio Lower Upper

164 100

129 102.4 70.6 131.0

131 88.9 68.0 126.4

166 125.2 86.9 161.5

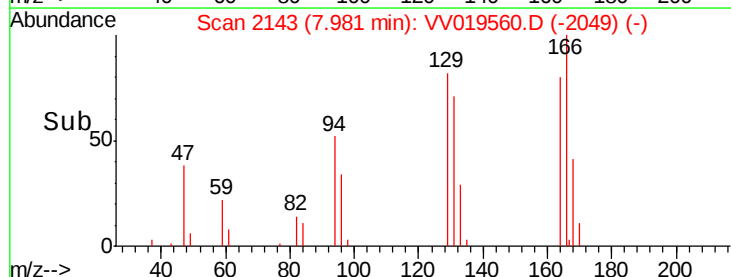
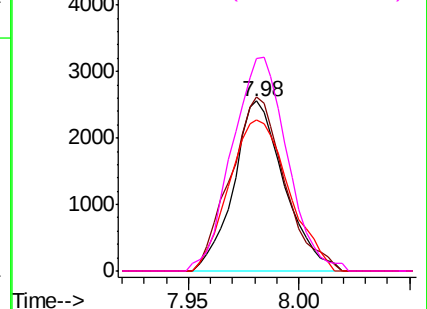


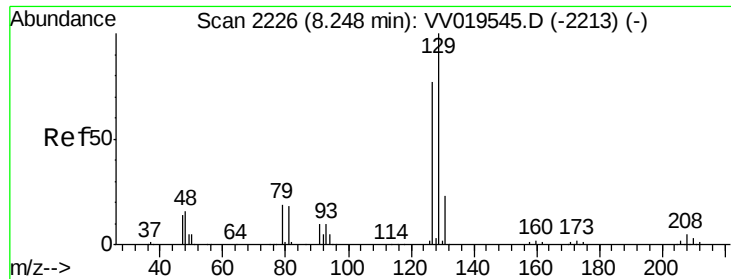
Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.974 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019560.D

Acq: 12 Dec 2020 16:53

Instrument :

MSVOA_V

ClientSampleId :

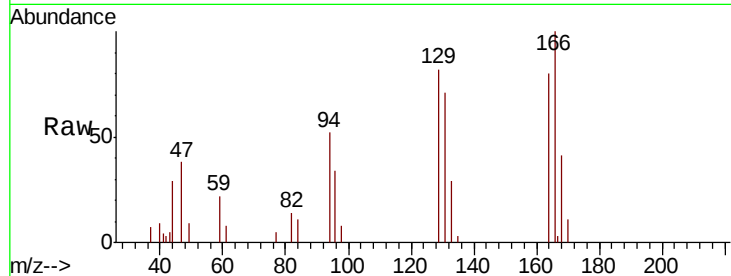
VIBLK

Tot Ion:129 Resp: 4433

Ion Ratio Lower Upper

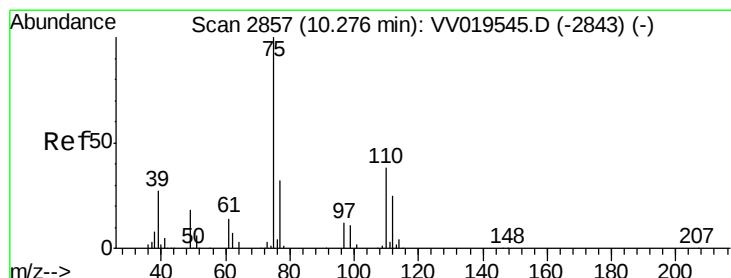
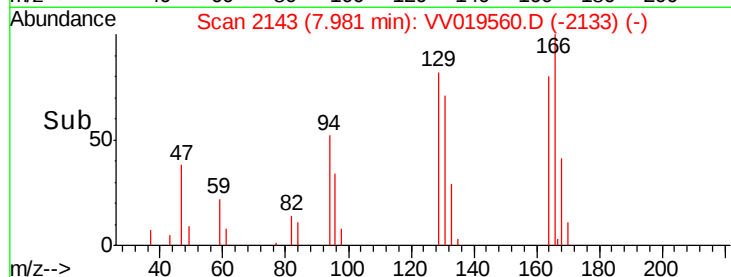
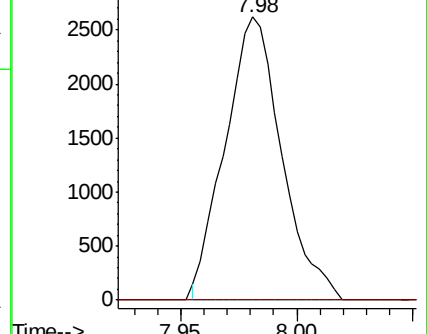
129 100

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: 6.431 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019560.D

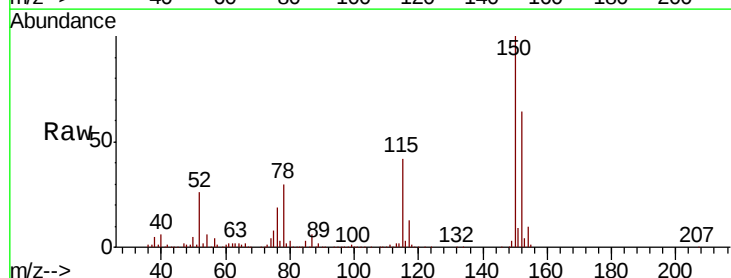
Acq: 12 Dec 2020 16:53

Tgt Ion: 75 Resp: 35013

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

