

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019956.D
 Acq On : 08 Jan 2021 18:45
 Operator : SY/MD
 Sample : VIBLK79
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK79

Quant Time: Jan 08 22:53:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	371952	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	356266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	165065	50.00	ug/L	0.00

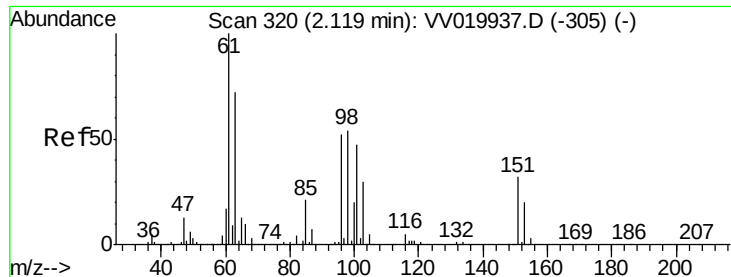
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	141726	49.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.48%
7) Chloroethane-d5	1.57	69	133494	58.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.70%
11) 1,1-Dichloroethene-d2	2.11	63	229030	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
21) 2-Butanone-d5	3.88	46	264155	123.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.82%
24) Chloroform-d	4.35	84	309670	56.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.88%
26) 1,2-Dichloroethane-d4	5.04	65	225308	63.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.76%#
32) Benzene-d6	5.05	84	584478	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.94%
36) 1,2-Dichloropropane-d6	6.07	67	197924	58.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.34%
41) Toluene-d8	7.32	98	498988	54.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.30%
43) trans-1,3-Dichloropropene-	7.63	79	84529	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.82%
47) 2-Hexanone-d5	8.09	63	143848	103.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	245350	55.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.84%
64) 1,2-Dichlorobenzene-d4	11.63	152	191461	60.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.28%#

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2022	0.858 ug/L #	28
27) 1,2-Dichloroethane	5.06	62	4303	0.991 ug/L	98
46) Tetrachloroethene	7.98	164	1718	0.865 ug/L	92
48) 2-Hexanone	8.15	43	13417	3.851 ug/L #	81
59) 1,2,3-Trichloropropane	11.25	75	23482	6.138 ug/L	93

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



#10

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

Concen: 0.858 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

VIBLK79

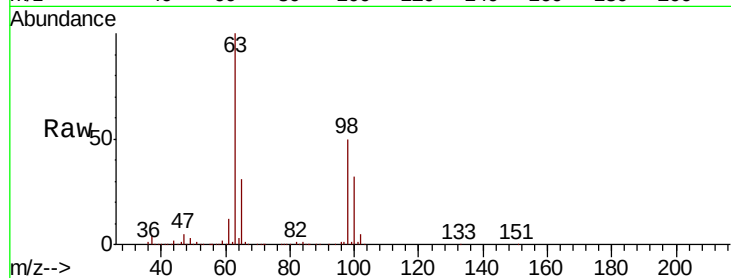
Tot Ion:101 Resp: 2022

Ion Ratio Lower Upper

101 100

85 6.2 35.3 52.9#

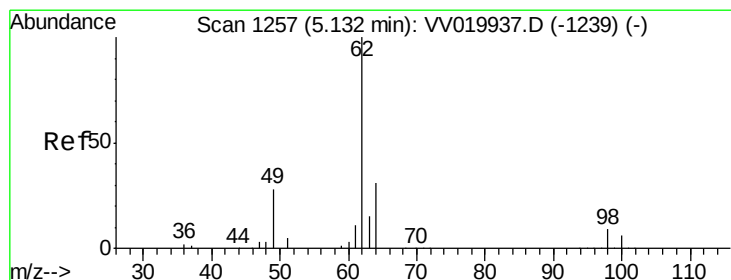
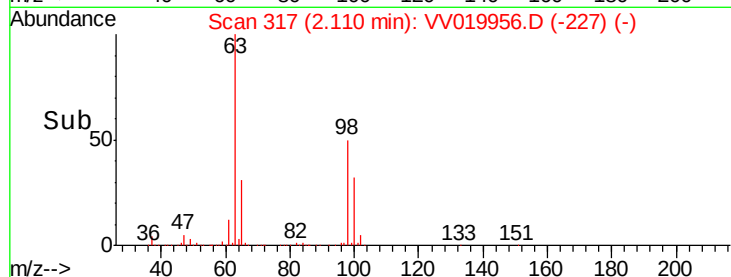
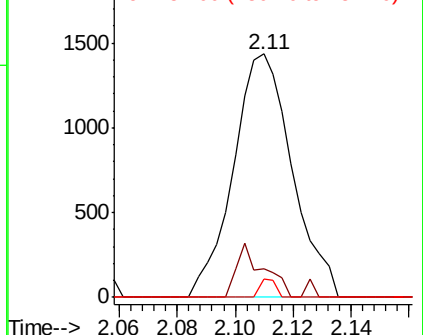
151 2.0 53.6 80.4#



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: 0.991 ug/L

RT: 5.06 min Scan# 1234

Delta R.T. -0.07 min

Lab File: VV019956.D

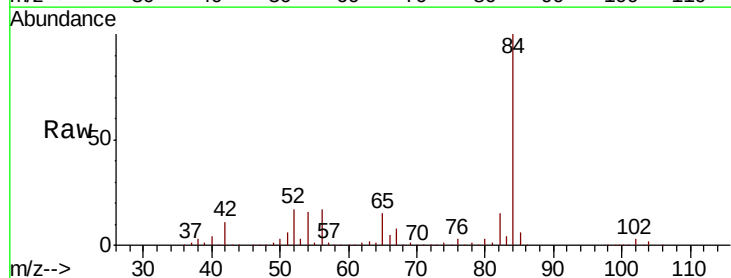
Acq: 08 Jan 2021 18:45

Tgt Ion: 62 Resp: 4303

Ion Ratio Lower Upper

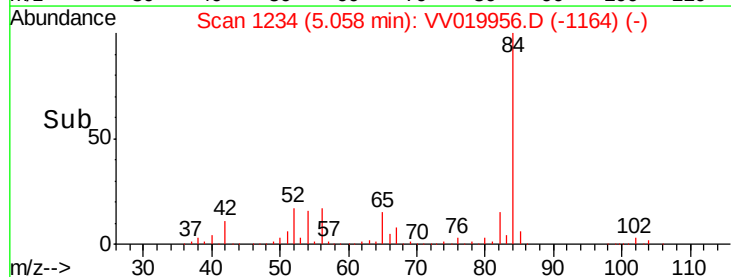
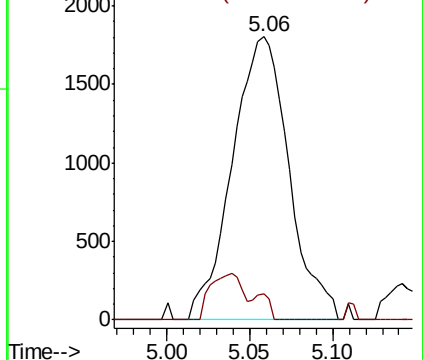
62 100

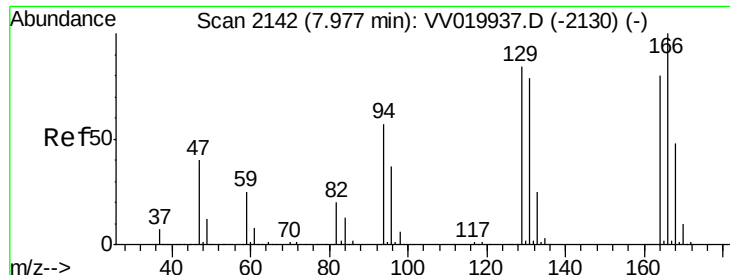
98 9.4 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#46

Tetrachloroethene

Concen: 0.865 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019956.D

Acq: 08 Jan 2021 18:45

Instrument :

MSVOA_V

ClientSampleId :

VIBLK79

Tot Ion:164 Resp: 1718

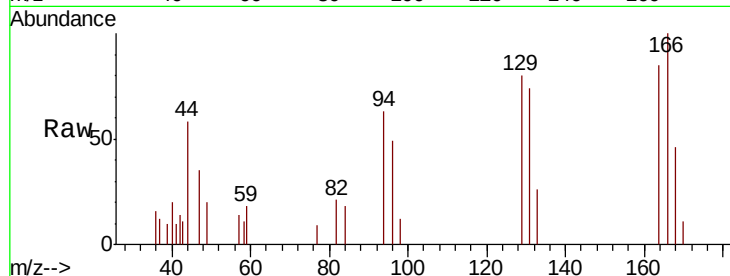
Ion Ratio Lower Upper

164 100

129 93.6 70.6 131.0

131 87.1 66.8 124.0

166 117.2 88.2 163.8

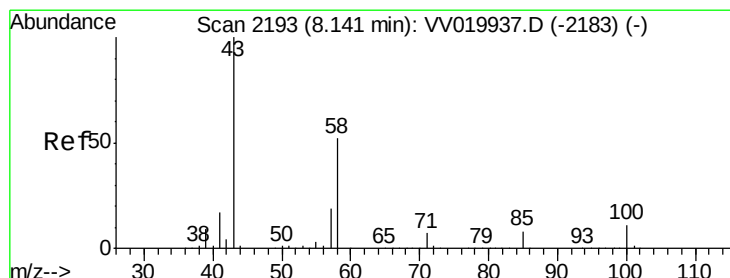
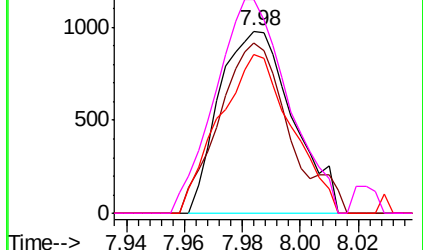
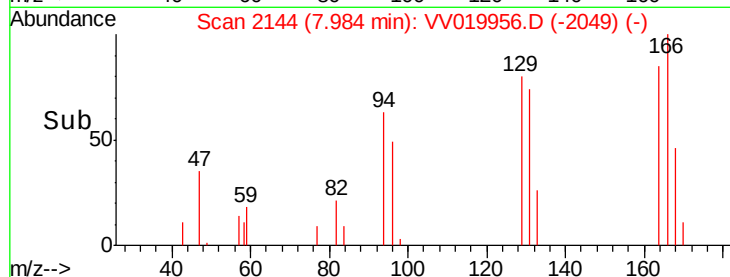


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.851 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019956.D

Acq: 08 Jan 2021 18:45

Tgt Ion: 43 Resp: 13417

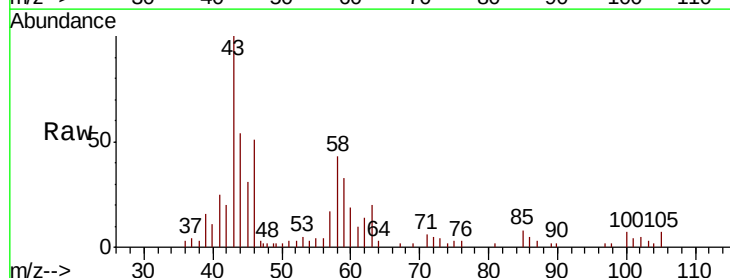
Ion Ratio Lower Upper

43 100

58 43.5 41.8 62.6

57 2.7 15.0 22.4#

100 1.8 8.9 13.3#

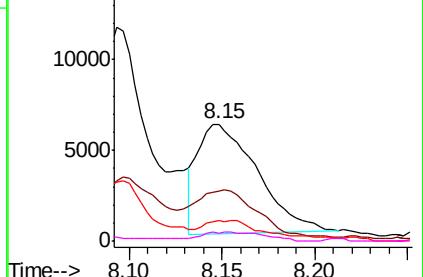
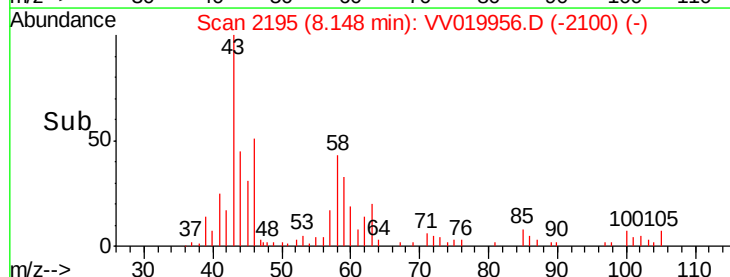


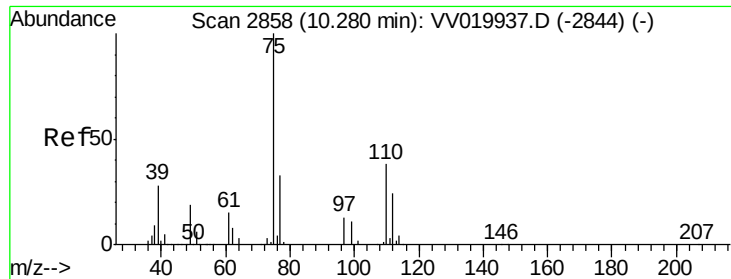
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.138 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019956.D

Acq: 08 Jan 2021 18:45

Instrument :

MSVOA_V

ClientSampleId :

VIBLK79

Tot Ion: 75 Resp: 23482

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.0

