

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018596.D
 Acq On : 01 Oct 2020 18:20
 Operator : SY/MD
 Sample : VV1001WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK92

Quant Time: Oct 02 04:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155226	50.00	ug/L	0.00

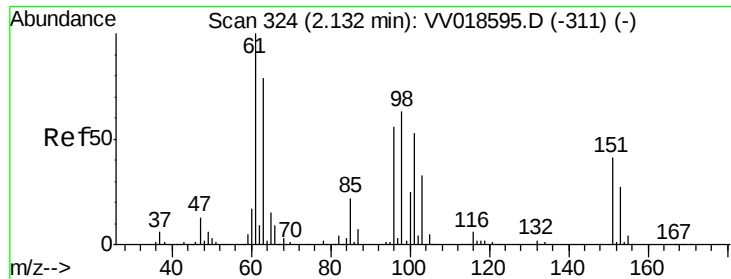
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100725	55.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.48%
7) Chloroethane-d5	1.58	69	90280	59.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.76%
11) 1,1-Dichloroethene-d2	2.12	63	162196	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
21) 2-Butanone-d5	3.91	46	116848	85.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.91%
24) Chloroform-d	4.37	84	185839	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.05	65	125088	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.07	84	370382	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.09	67	112667	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.33	98	340928	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	57199	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.11	63	64547	73.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125188	40.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	145560	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1628	0.805 ug/L #	20
46) Tetrachloroethene	8.00	164	1993	0.953 ug/L	97
48) 2-Hexanone	8.16	43	6582	2.869 ug/L #	45
49) Dibromochloromethane	8.00	129	1892	0.733 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	17326	6.251 ug/L	89

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



#10

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

Concen: 0.805 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018596.D

Acq: 01 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK92

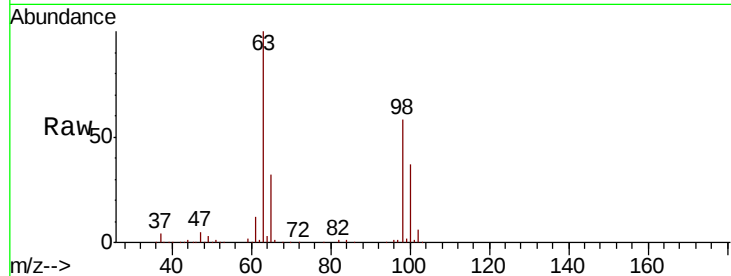
Tot Ion:101 Resp: 1628

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

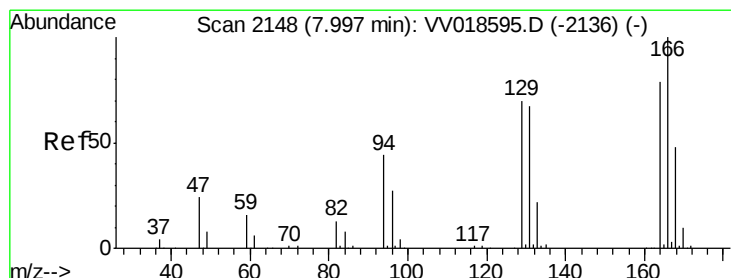
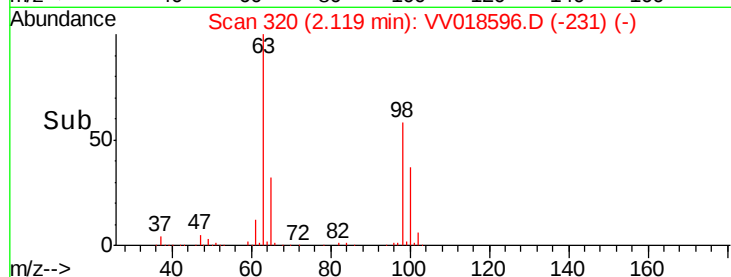
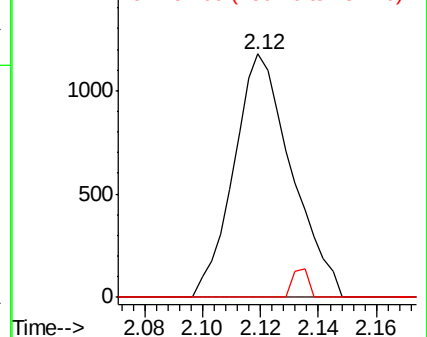
151 3.1 64.3 96.5#



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: 0.953 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018596.D

Acq: 01 Oct 2020 18:20

Tgt Ion:164 Resp: 1993

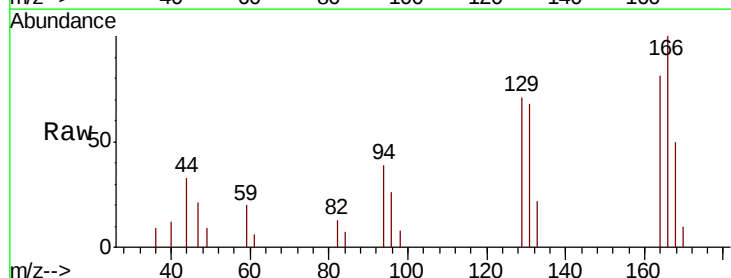
Ion Ratio Lower Upper

164 100

129 87.1 62.8 116.6

131 83.9 60.8 112.8

166 123.6 88.9 165.1

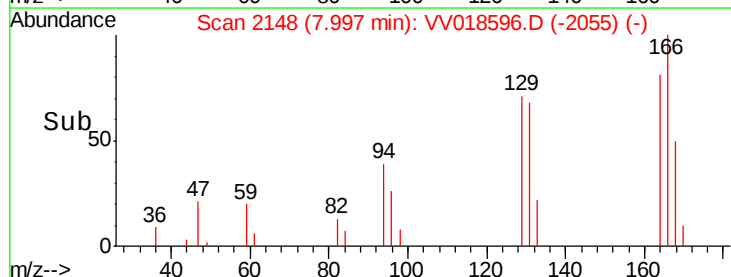
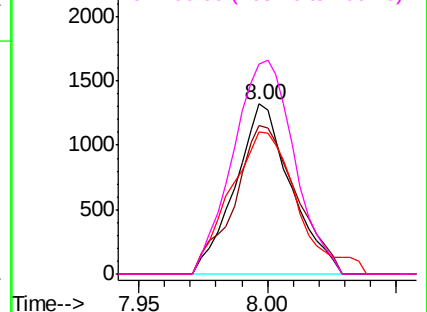


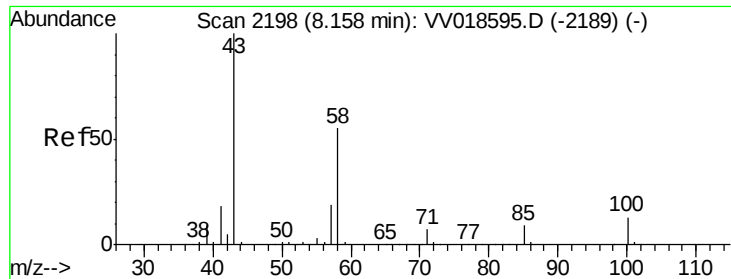
Abundance Ion 164.00 (163.70 to 164.70): V

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

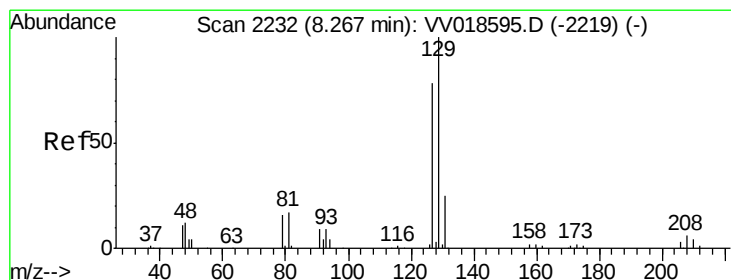
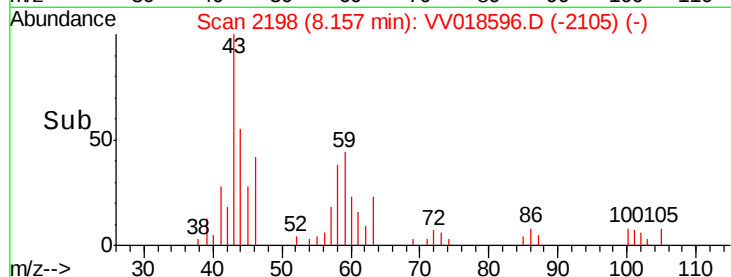
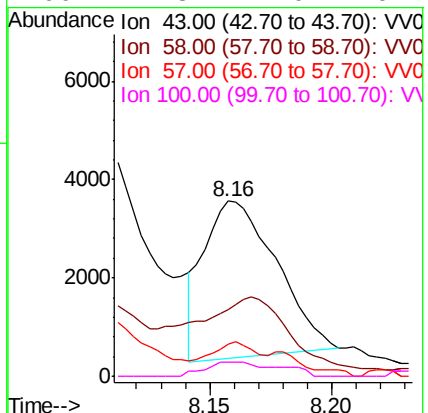
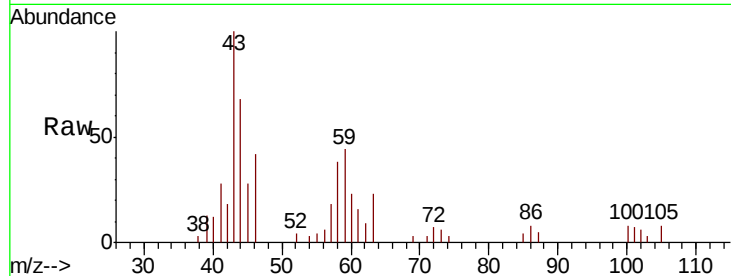




#48
2-Hexanone
Concen: 2.869 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018596.D
Acq: 01 Oct 2020 18:20

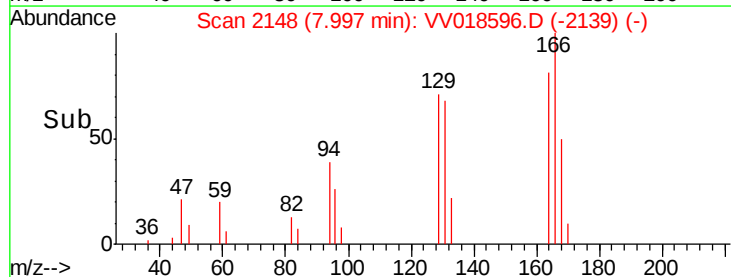
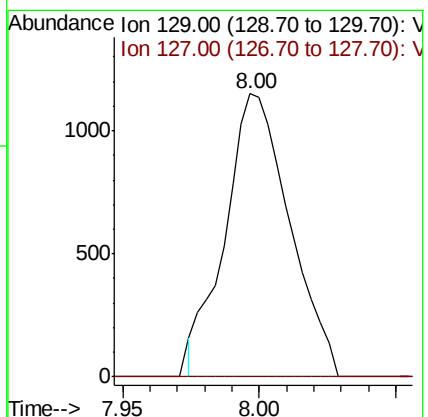
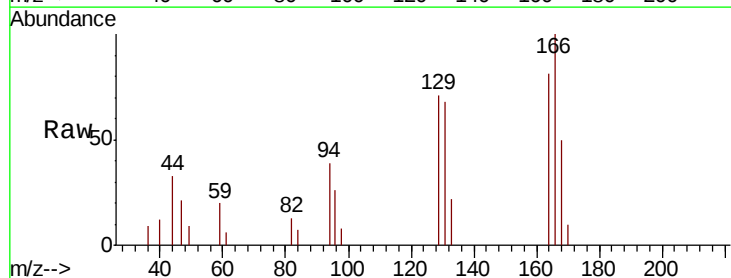
Instrument :
MSVOA_V
ClientSampleId :
VBLK92

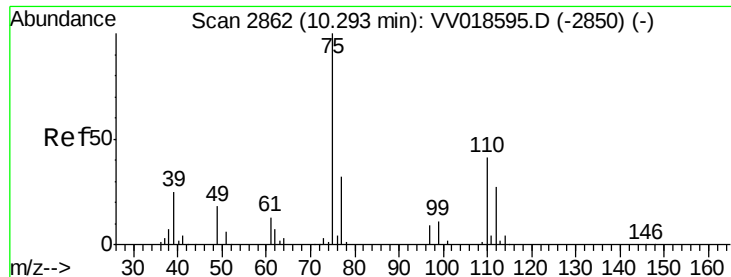
Tot Ion: 43 Resp: 6582
Ion Ratio Lower Upper
43 100
58 0.0 45.1 67.7#
57 12.7 15.7 23.5#
100 4.3 11.0 16.4#



#49
Dibromochloromethane
Concen: 0.733 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV018596.D
Acq: 01 Oct 2020 18:20

Tgt Ion: 129 Resp: 1892
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 6.251 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018596.D

Acq: 01 Oct 2020 18:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK92

Tot Ion: 75 Resp: 17326

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.0

