

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019890.D
 Acq On : 05 Jan 2021 12:33
 Operator : SY/MD
 Sample : M1017-02 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W3

Quant Time: Jan 06 07:11:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	569882	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	543593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	244716	50.00	ug/L	0.00

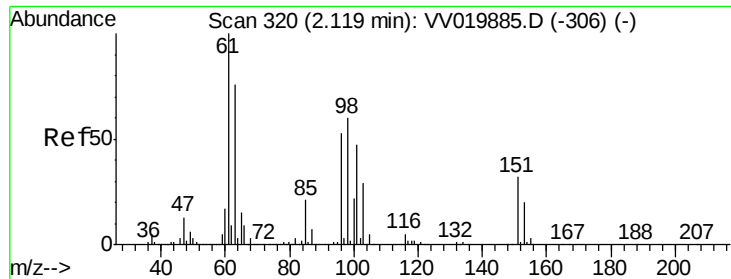
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	194451	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.18%
7) Chloroethane-d5	1.57	69	172287	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.11	63	307042	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.66%
21) 2-Butanone-d5	3.90	46	325001	99.43	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.43%
24) Chloroform-d	4.35	84	397035	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.04	65	277263	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.05	84	781283	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.07	67	255546	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.32	98	675566	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.63	79	112806	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.09	63	186013	87.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.44%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	306891	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	11.63	152	247868	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2472	0.684 ug/L #	26
34) Trichloroethene	5.93	95	7508	1.655 ug/L	96
46) Tetrachloroethene	7.98	164	51928	17.143 ug/L	98
48) 2-Hexanone	8.15	43	18300	3.443 ug/L #	80
49) Dibromochloromethane	7.98	129	49724	11.418 ug/L #	10

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



#10

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

Concen: 0.684 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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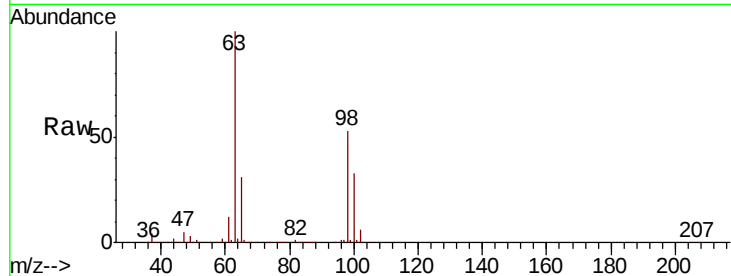
Tot Ion:101 Resp: 2472

Ion Ratio Lower Upper

101 100

85 2.8 35.3 52.9#

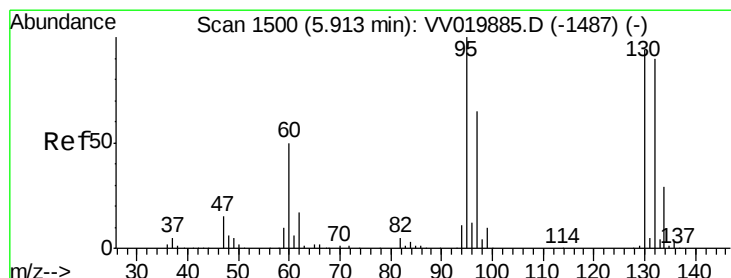
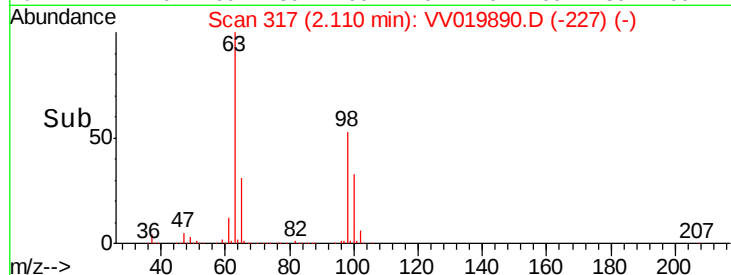
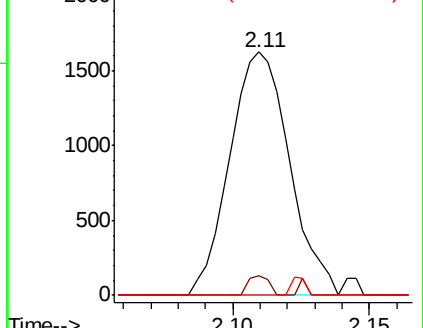
151 1.9 53.6 80.4#



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



#34

Trichloroethene

Concen: 1.655 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019890.D

Acq: 05 Jan 2021 12:33

Tgt Ion: 95 Resp: 7508

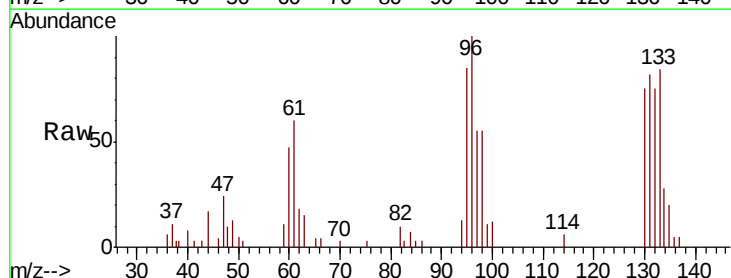
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 87.6 63.4 117.8

130 88.4 67.1 124.5

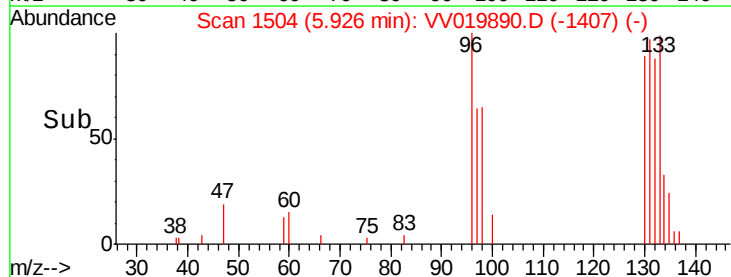
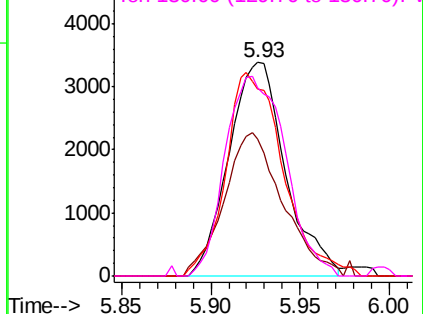


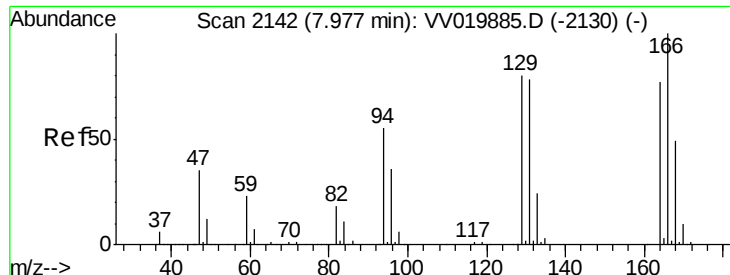
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 17.143 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019890.D

Acq: 05 Jan 2021 12:33

Instrument :

MSVOA_V

ClientSampleId :

BG4W3

Tot Ion:164 Resp: 51928

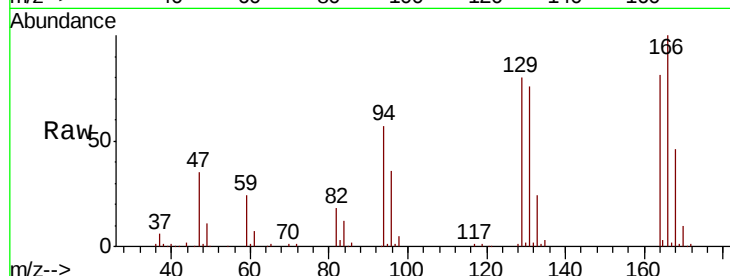
Ion Ratio Lower Upper

164 100

129 98.2 70.6 131.0

131 94.1 66.8 124.0

166 123.1 88.2 163.8

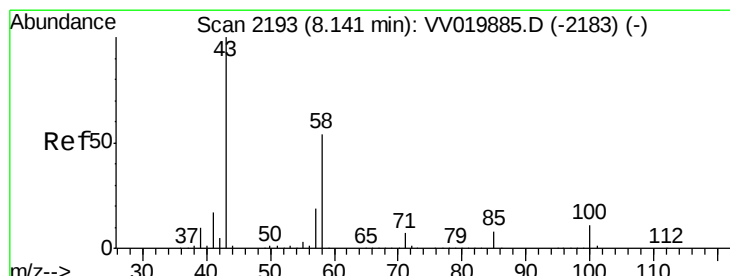
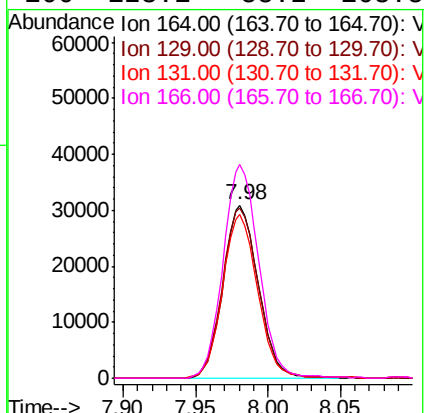
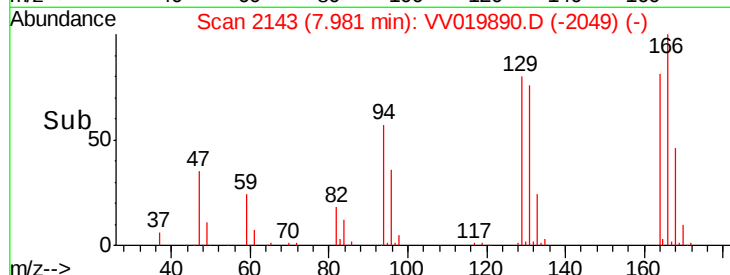


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.443 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VV019890.D

Acq: 05 Jan 2021 12:33

Tgt Ion: 43 Resp: 18300

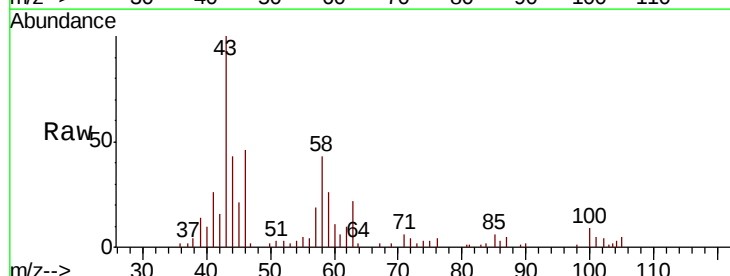
Ion Ratio Lower Upper

43 100

58 33.5 41.8 62.6#

57 17.8 15.0 22.4

100 3.4 8.9 13.3#

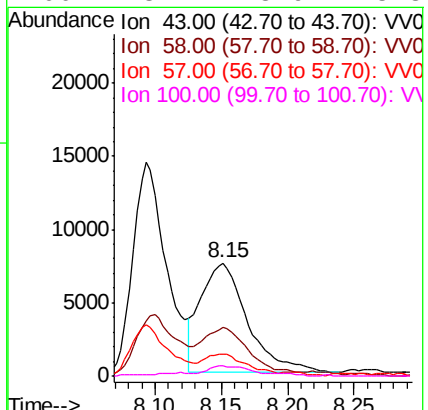
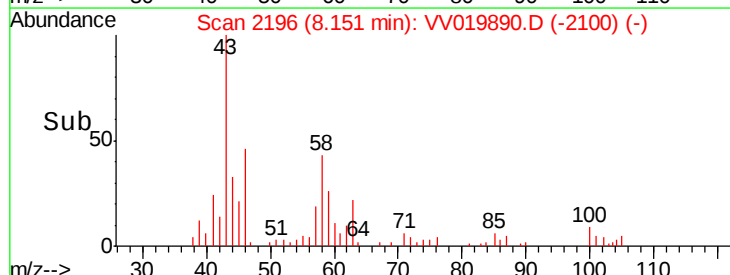


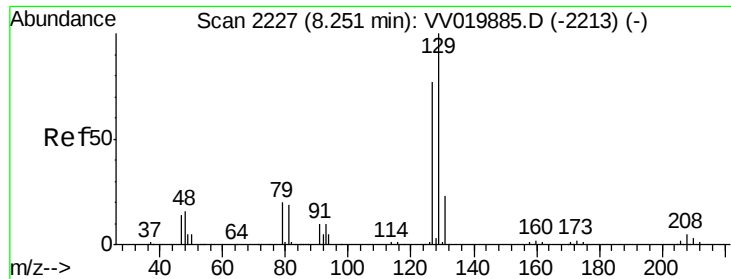
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#49

Dibromochloromethane

Concen: 11.418 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019890.D

Acq: 05 Jan 2021 12:33

Instrument :

MSVOA_V

ClientSampleId :

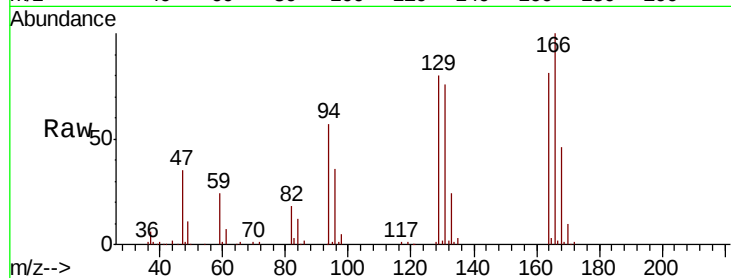
BG4W3

Tot Ion:129 Resp: 49724

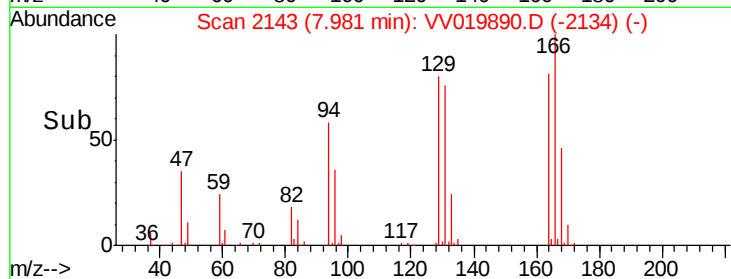
Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



Abundance Ion 129.00 (128.70 to 129.70): V



Ion 127.00 (126.70 to 127.70): V

