

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019921.D
 Acq On : 07 Jan 2021 14:45
 Operator : SY/MD
 Sample : M1017-09 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X1

Quant Time: Jan 08 01:33:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	503163	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	488584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	222858	50.00	ug/L	0.00

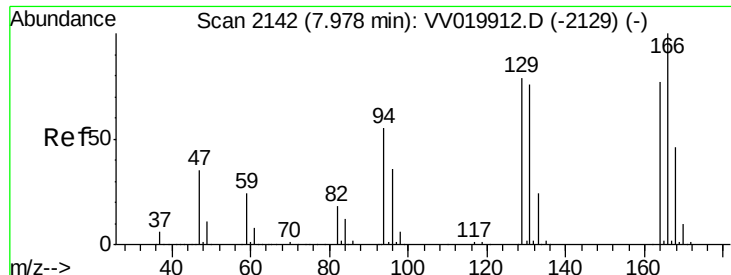
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124077	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.74%
7) Chloroethane-d5	1.57	69	118626	38.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.66%
11) 1,1-Dichloroethene-d2	2.11	63	207883	28.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.50%#
21) 2-Butanone-d5	3.89	46	287350	99.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.57%
24) Chloroform-d	4.35	84	298866	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
26) 1,2-Dichloroethane-d4	5.04	65	211990	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
32) Benzene-d6	5.05	84	542964	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.18%
36) 1,2-Dichloropropane-d6	6.07	67	191764	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.90%
41) Toluene-d8	7.32	98	455637	36.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.78%#
43) trans-1,3-Dichloropropene-	7.63	79	79153	34.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.84%
47) 2-Hexanone-d5	8.09	63	152952	80.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.00%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	256805	42.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	190086	44.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.18%

Target Compounds

					Ovalue
46) Tetrachloroethene	7.99	164	2304	0.846 ug/L	89
48) 2-Hexanone	8.15	43	16388	3.430 ug/L #	80
49) Dibromochloromethane	7.98	129	2563	0.655 ug/L #	10
59) 1,2,3-Trichloropropane	11.25	75	34056	6.491 ug/L	89

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



#46

Tetrachloroethene

Concen: 0.846 ug/L

RT: 7.99 min Scan# 2145

Delta R.T. 0.01 min

Lab File: VV019921.D

Acq: 07 Jan 2021 14:45

Instrument :

MSVOA_V

ClientSampled :

BG4X1

Tot Ion:164 Resp: 2304

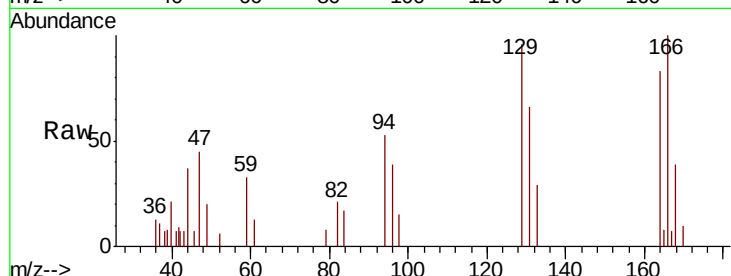
Ion Ratio Lower Upper

164 100

129 115.8 70.6 131.0

131 79.3 66.8 124.0

166 120.5 88.2 163.8

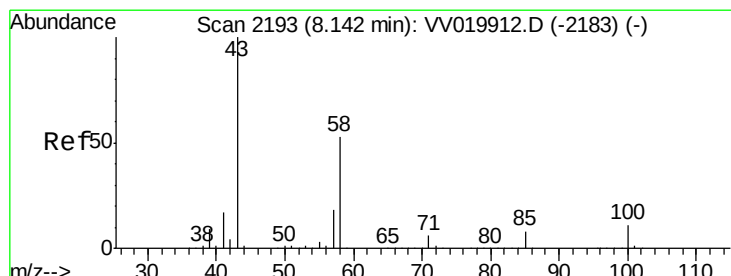
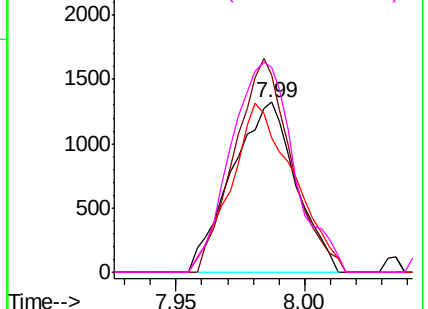
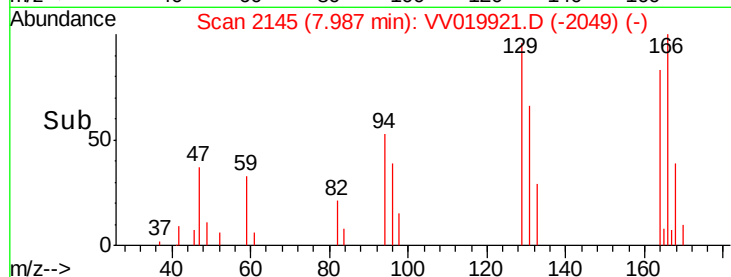


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.430 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019921.D

Acq: 07 Jan 2021 14:45

Tgt Ion: 43 Resp: 16388

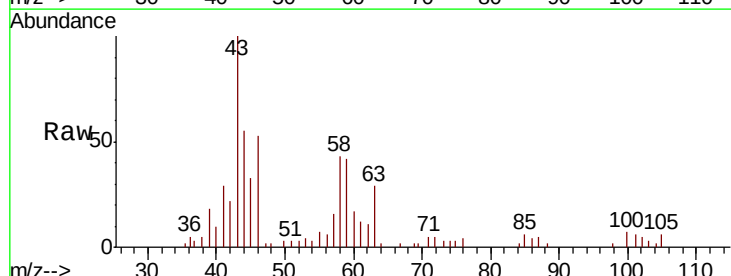
Ion Ratio Lower Upper

43 100

58 40.0 41.8 62.6#

57 6.5 15.0 22.4#

100 2.4 8.9 13.3#

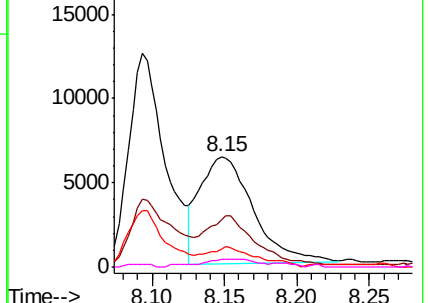
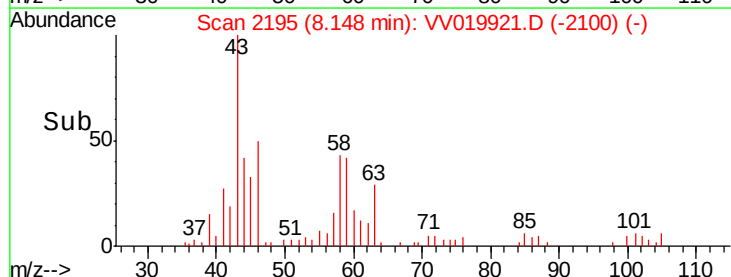


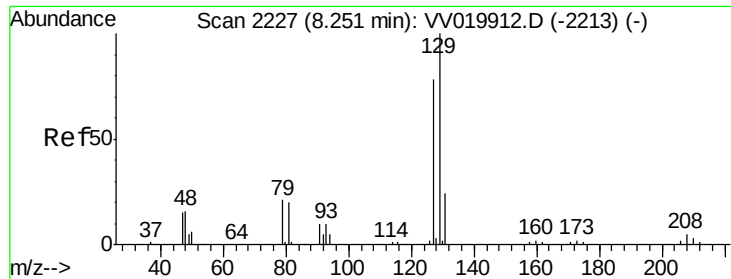
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.655 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. -0.27 min

Lab File: VV019921.D

Acq: 07 Jan 2021 14:45

Instrument :

MSVOA_V

ClientSampleId :

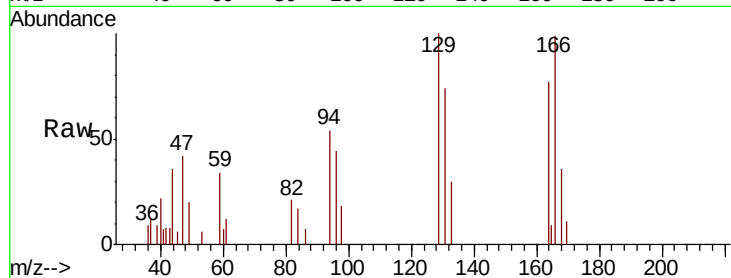
BG4X1

Tot Ion:129 Resp: 2563

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

7.98

1500

1000

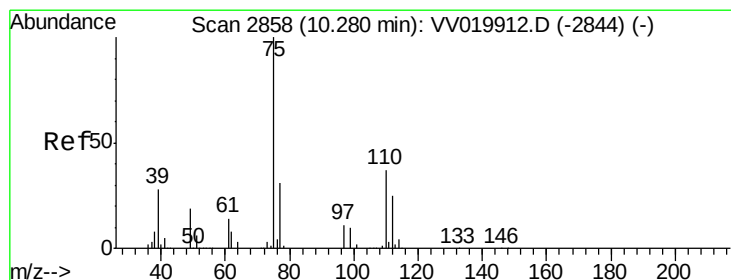
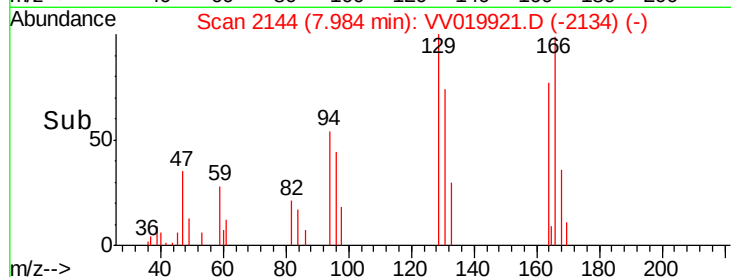
500

0

Time-->

7.95

8.00



#59

1,2,3-Trichloropropane

Concen: 6.491 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019921.D

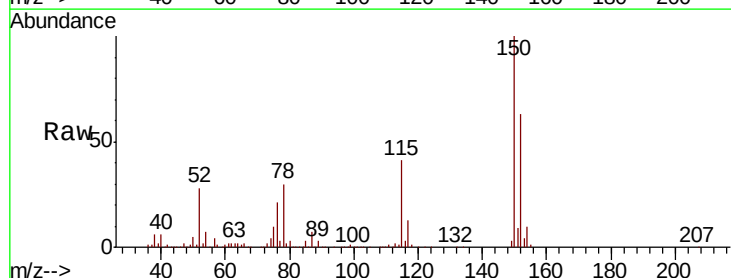
Acq: 07 Jan 2021 14:45

Tgt Ion: 75 Resp: 34056

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.25

25000

20000

15000

10000

5000

0

Time-->

11.20

11.25

11.30

