

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019919.D
 Acq On : 07 Jan 2021 13:58
 Operator : SY/MD
 Sample : M1016-11 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W9

Quant Time: Jan 08 01:33:29 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	495855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	476528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	218913	50.00	ug/L	0.00

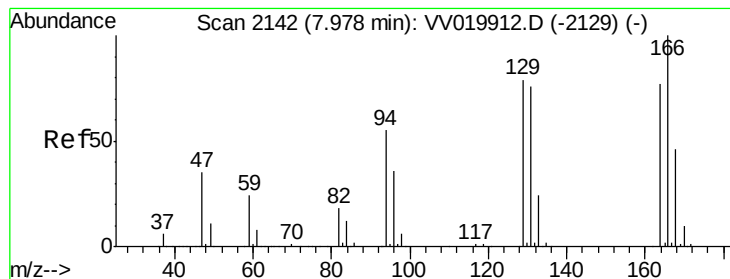
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123770	32.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.52%
7) Chloroethane-d5	1.57	69	119451	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.32%
11) 1,1-Dichloroethene-d2	2.11	63	205928	28.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.78%#
21) 2-Butanone-d5	3.90	46	284910	100.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.18%
24) Chloroform-d	4.35	84	298583	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	5.04	65	210982	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.05	84	541346	39.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.90%
36) 1,2-Dichloropropane-d6	6.07	67	191046	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.68%
41) Toluene-d8	7.32	98	457291	37.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.88%#
43) trans-1,3-Dichloropropene-	7.63	79	78687	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
47) 2-Hexanone-d5	8.09	63	152138	81.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.58%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	253038	43.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.24%
64) 1,2-Dichlorobenzene-d4	11.63	152	190846	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

					Ovalue
46) Tetrachloroethene	7.98	164	4597	1.731 ug/L	94
48) 2-Hexanone	8.15	43	14953	3.209 ug/L #	80
49) Dibromochloromethane	7.98	129	4418	1.157 ug/L #	10
59) 1,2,3-Trichloropropane	11.26	75	33261	6.500 ug/L	92

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



#46

Tetrachloroethene

Concen: 1.731 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VV019919.D

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Instrument :

MSVOA_V

ClientSampleId :

BG4W9

Tot Ion:164 Resp: 4597

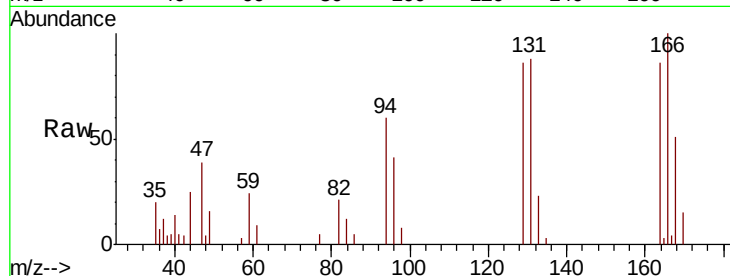
Ion Ratio Lower Upper

164 100

129 100.0 70.6 131.0

131 101.5 66.8 124.0

166 115.9 88.2 163.8

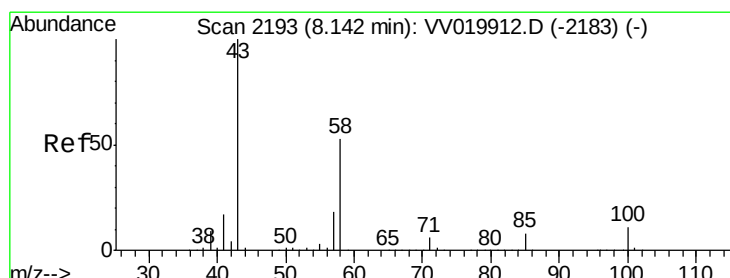
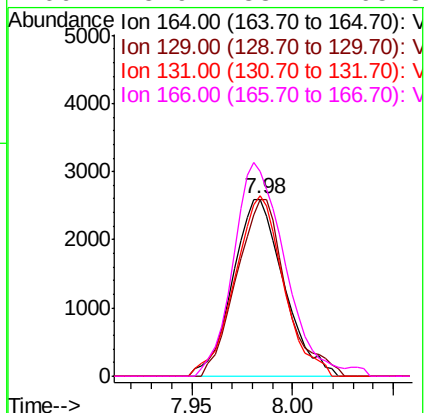
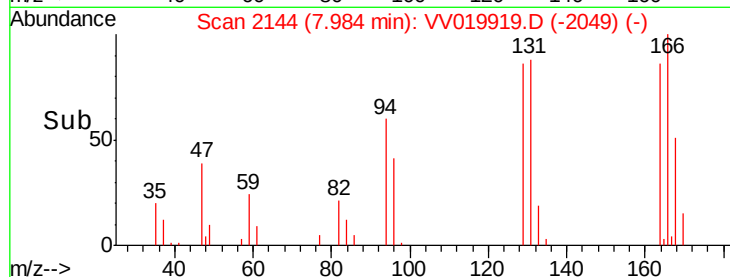


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.209 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019919.D

Acq: 07 Jan 2021 13:58

Tgt Ion: 43 Resp: 14953

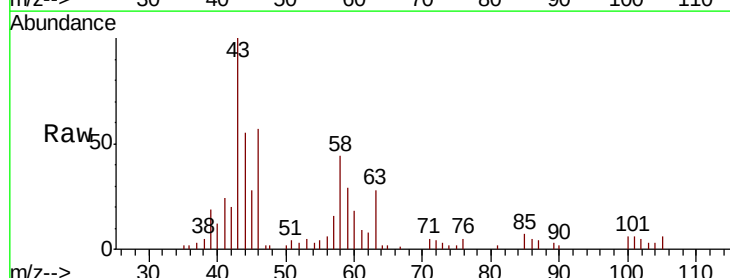
Ion Ratio Lower Upper

43 100

58 41.8 41.8 62.6

57 1.8 15.0 22.4#

100 5.9 8.9 13.3#

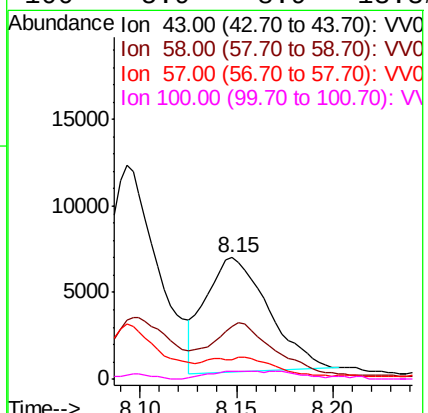
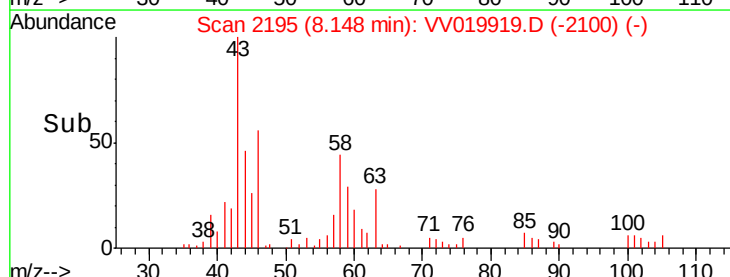


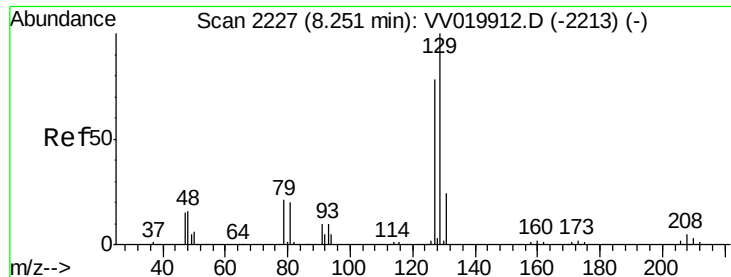
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 1.157 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. -0.27 min

Lab File: VV019919.D

Acq: 07 Jan 2021 13:58

Instrument :

MSVOA_V

ClientSampled :

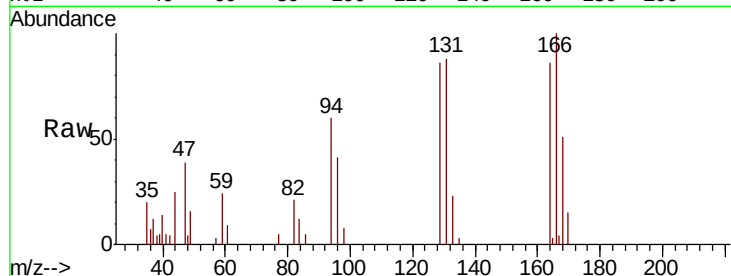
BG4W9

Tot Ion:129 Resp: 4418

Ion Ratio Lower Upper

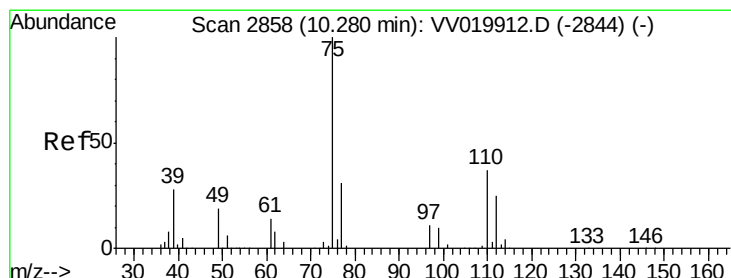
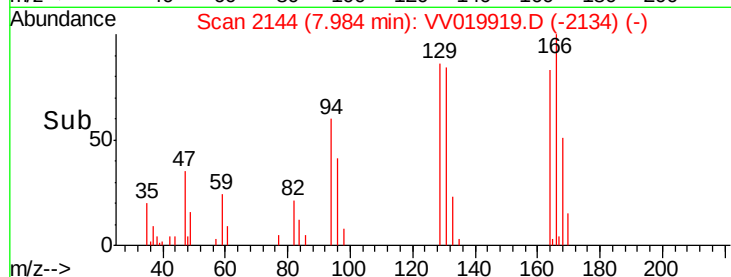
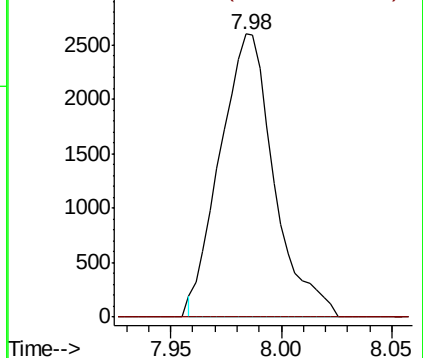
129 100

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



#59

1,2,3-Trichloropropane

Concen: 6.500 ug/L

RT: 11.26 min Scan# 3162

Delta R.T. 0.98 min

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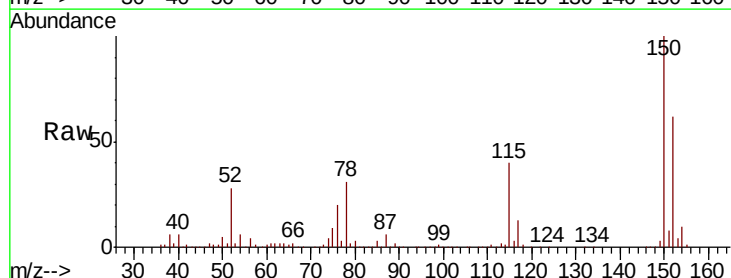
Acq: 07 Jan 2021 13:58

Tgt Ion: 75 Resp: 33261

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

