

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019892.D
 Acq On : 05 Jan 2021 13:20
 Operator : SY/MD
 Sample : M1016-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W0

Quant Time: Jan 06 07:11:28 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	531629	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	504075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	225331	50.00	ug/L	0.00

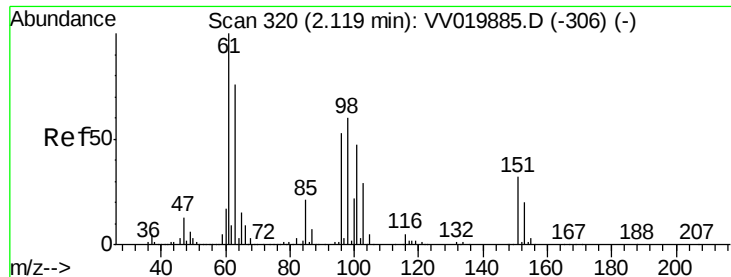
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	186376	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.60%
7) Chloroethane-d5	1.57	69	167506	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.11	63	292779	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.30%
21) 2-Butanone-d5	3.89	46	326917	107.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.21%
24) Chloroform-d	4.35	84	384714	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.04	65	268417	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.05	84	741690	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.07	67	245922	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.04%
41) Toluene-d8	7.32	98	643963	49.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.70%
43) trans-1,3-Dichloropropene-	7.63	79	107945	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
47) 2-Hexanone-d5	8.09	63	183908	93.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	298730	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	238313	55.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.58%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2244	0.666 ug/L #	27
46) Tetrachloroethene	7.98	164	2136	0.760 ug/L	94
48) 2-Hexanone	8.15	43	16437	3.335 ug/L #	49
49) Dibromochloromethane	7.98	129	2257	0.559 ug/L #	10

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



#10

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

Concen: 0.666 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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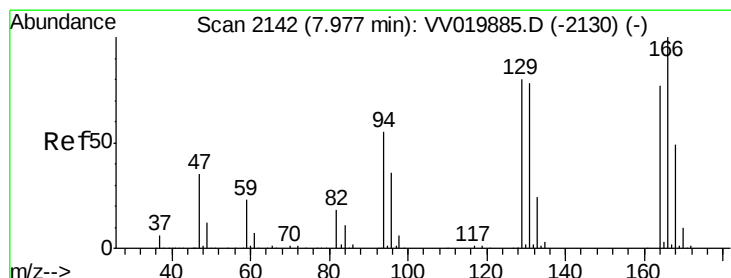
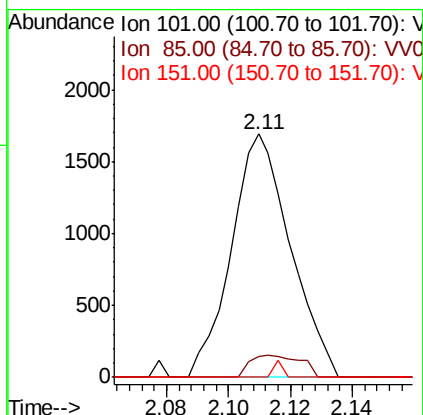
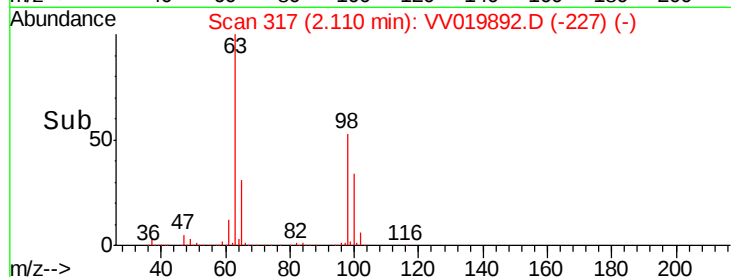
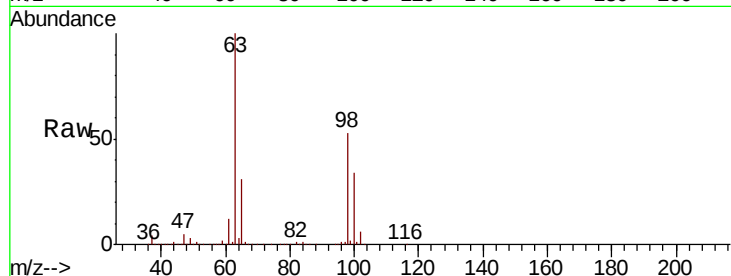
Tot Ion:101 Resp: 2244

Ion Ratio Lower Upper

101 100

85 6.9 35.3 52.9#

151 0.0 53.6 80.4#



#46

Tetrachloroethene

Concen: 0.760 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019892.D

Acq: 05 Jan 2021 13:20

Tgt Ion:164 Resp: 2136

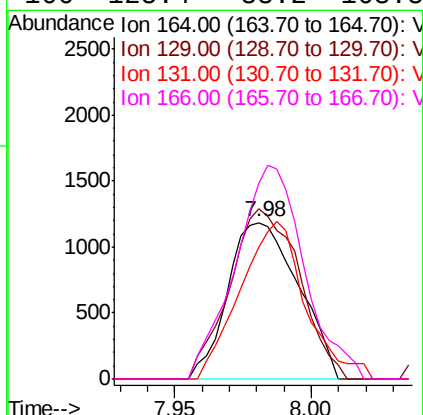
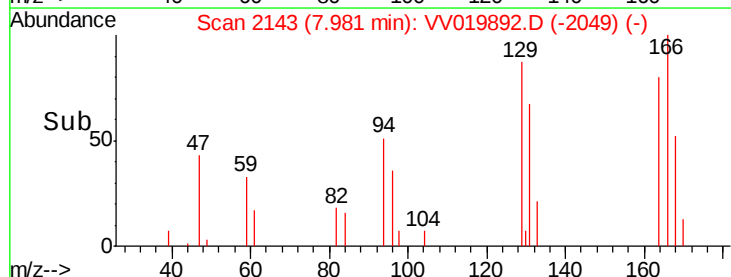
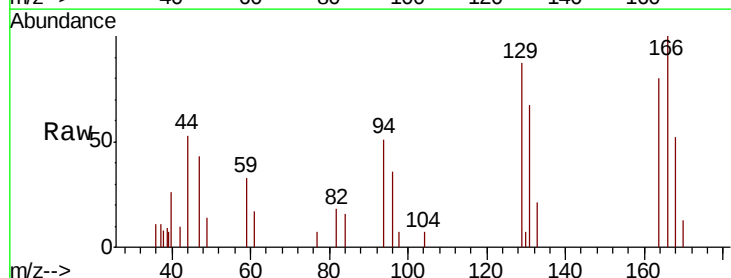
Ion Ratio Lower Upper

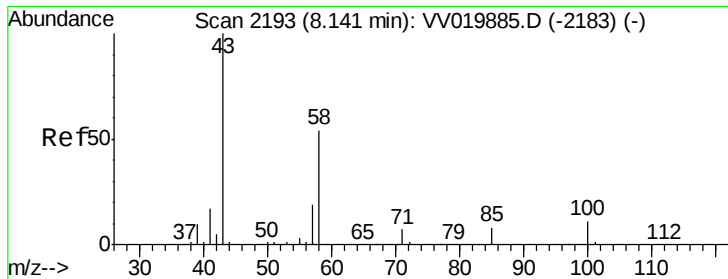
164 100

129 108.5 70.6 131.0

131 83.9 66.8 124.0

166 125.4 88.2 163.8





#48

2-Hexanone

Concen: 3.335 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VV019892.D

Acq: 05 Jan 2021 13:20

Instrument :

MSVOA_V

ClientSampleId :

BG4W0

Tot Ion: 43 Resp: 16437

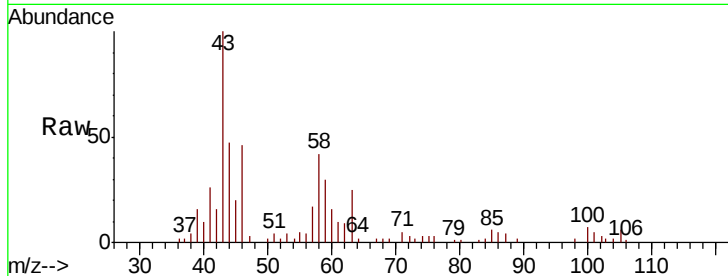
Ion Ratio Lower Upper

43 100

58 0.0 41.8 62.6#

57 16.2 15.0 22.4

100 4.9 8.9 13.3#

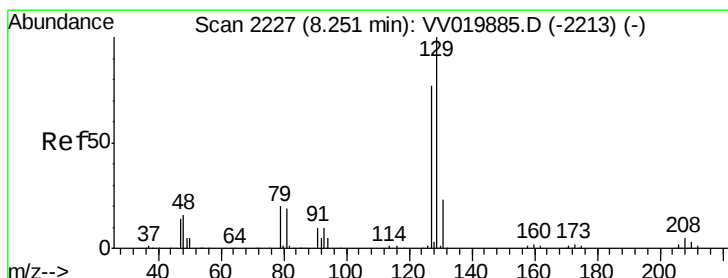
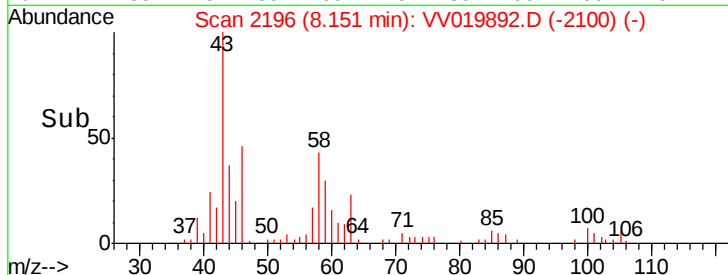
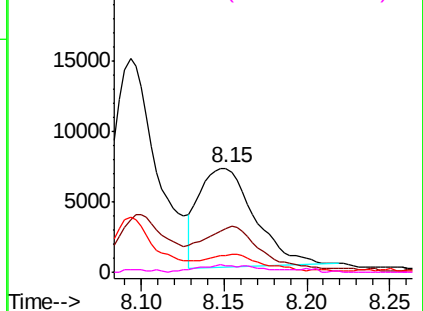


Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.559 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. -0.27 min

Lab File: VV019892.D

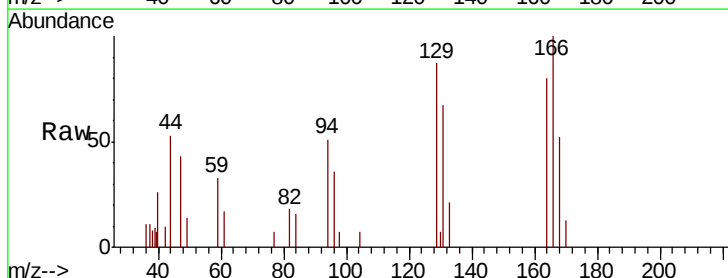
Acq: 05 Jan 2021 13:20

Tgt Ion: 129 Resp: 2257

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

