

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019952.D
 Acq On : 08 Jan 2021 17:11
 Operator : SY/MD
 Sample : VIBLK78
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK78

Quant Time: Jan 08 22:53:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	490697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	468090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	221789	50.00	ug/L	0.00

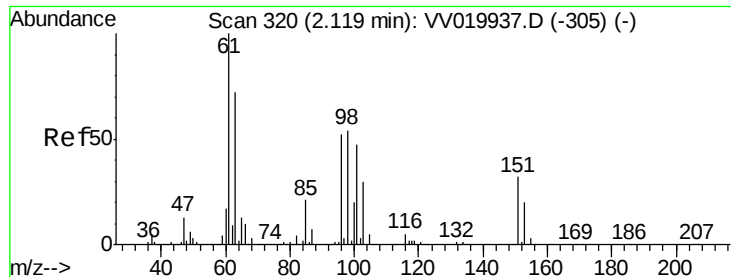
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	146205	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.57	69	137250	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.94%
11) 1,1-Dichloroethene-d2	2.11	63	238714	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.89	46	279253	99.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.35	84	323150	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.04	65	229266	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.05	84	611239	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.07	67	205412	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.32	98	519625	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.63	79	88167	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.04%
47) 2-Hexanone-d5	8.09	63	153929	84.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.03%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	256801	44.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	202615	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2165	0.696 ug/L #	24
46) Tetrachloroethene	7.98	164	1916	0.735 ug/L	85
48) 2-Hexanone	8.15	43	17780	3.885 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	32421	6.450 ug/L	98

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



#10

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

Concen: 0.696 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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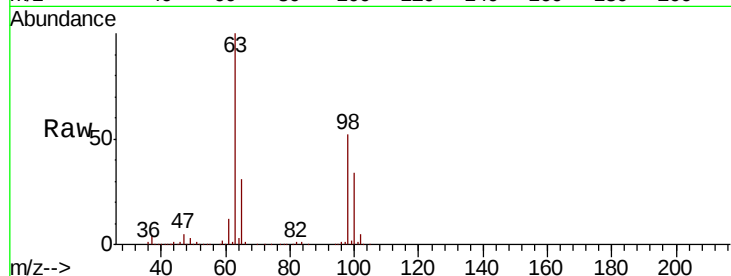
Tot Ion:101 Resp: 2165

Ion Ratio Lower Upper

101 100

85 2.0 35.3 52.9#

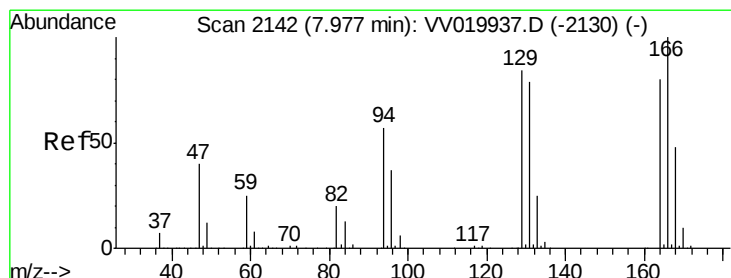
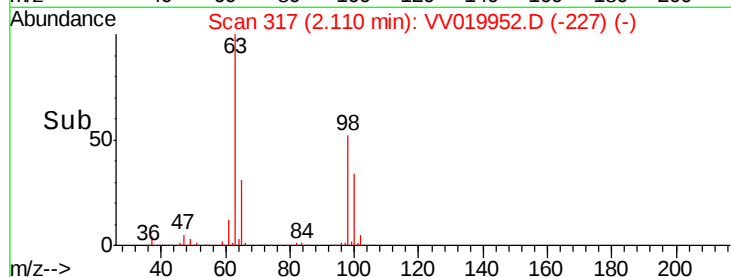
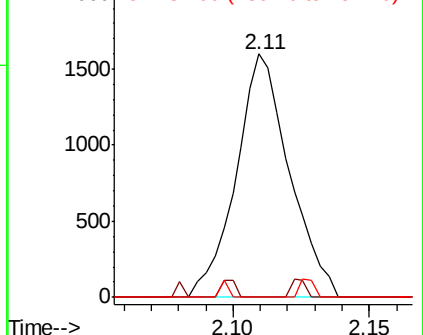
151 0.0 53.6 80.4#



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



#46

Tetrachloroethene

Concen: 0.735 ug/L

RT: 7.98 min Scan# 2144

Delta R.T. 0.01 min

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Tgt Ion:164 Resp: 1916

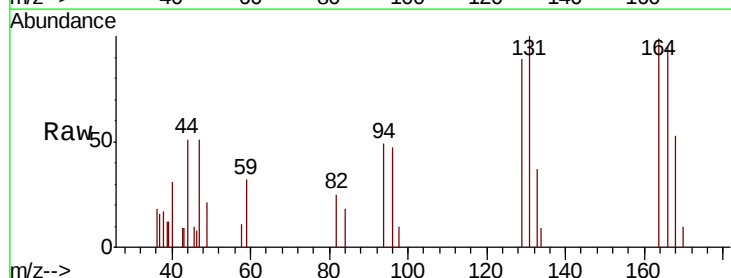
Ion Ratio Lower Upper

164 100

129 89.7 70.6 131.0

131 100.9 66.8 124.0

166 96.2 88.2 163.8

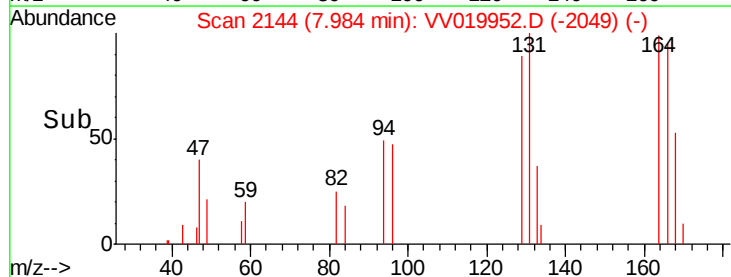
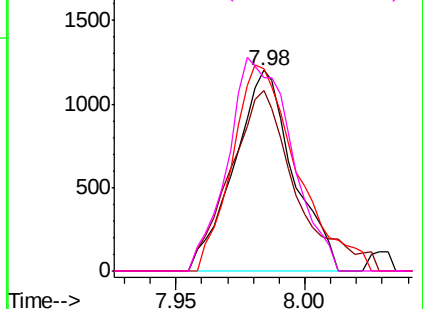


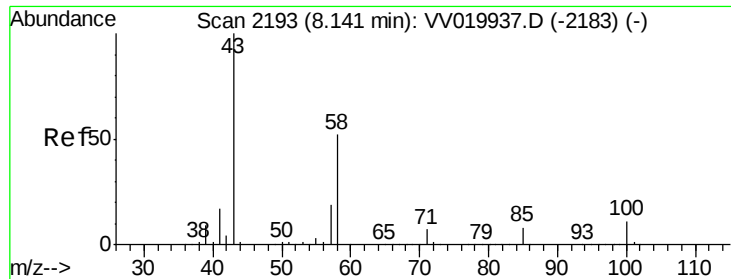
Abundance Ion 164.00 (163.70 to 164.70): V

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

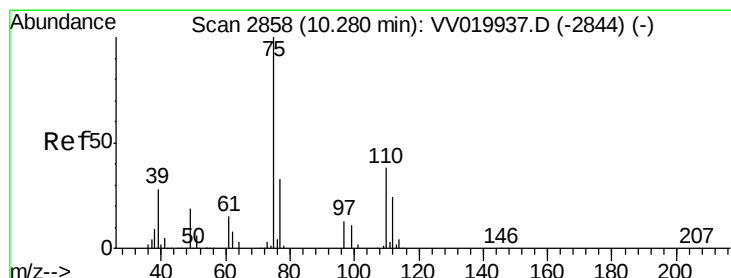
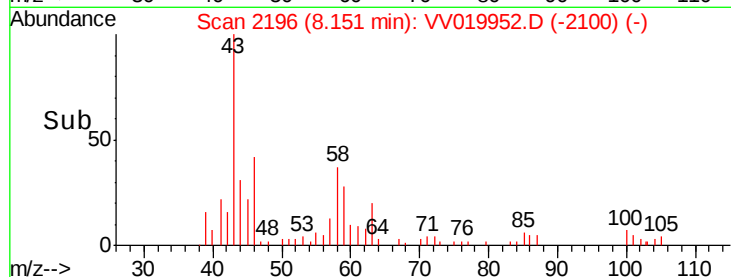
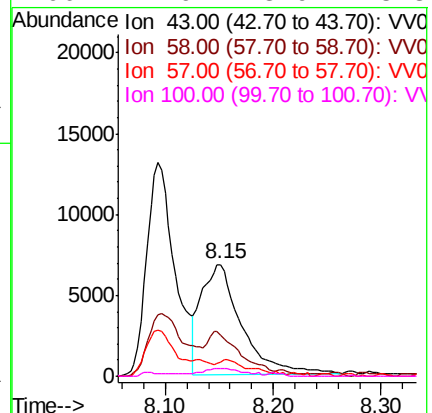
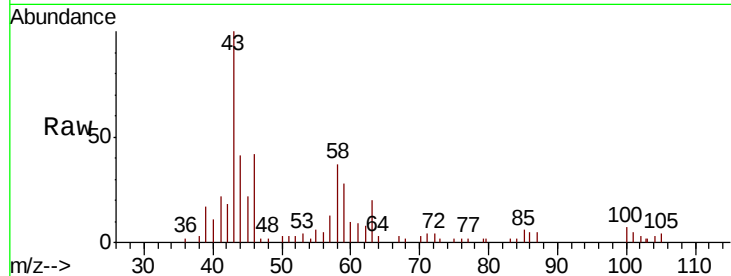




#48
2-Hexanone
Concen: 3.885 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 17780
Ion Ratio Lower Upper
43 100
58 32.6 41.8 62.6#
57 3.6 15.0 22.4#
100 1.9 8.9 13.3#



#59
1,2,3-Trichloropropane
Concen: 6.450 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019952.D
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Tgt Ion: 75 Resp: 32421
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

