

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019894.D
 Acq On : 05 Jan 2021 14:07
 Operator : SY/MD
 Sample : VIBLK70
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Quant Time: Jan 06 07:11:38 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	564319	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	539370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	253813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	192789	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.30%
7) Chloroethane-d5	1.57	69	165091	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.12%
11) 1,1-Dichloroethene-d2	2.11	63	289943	35.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.26%
21) 2-Butanone-d5	3.89	46	317984	98.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.35	84	381106	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.04	65	271515	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.05	84	737713	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.07	67	240573	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.32	98	635055	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.63	79	111158	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.09	63	180865	85.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.69%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	295827	44.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.08%
64) 1,2-Dichlorobenzene-d4	11.63	152	237387	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

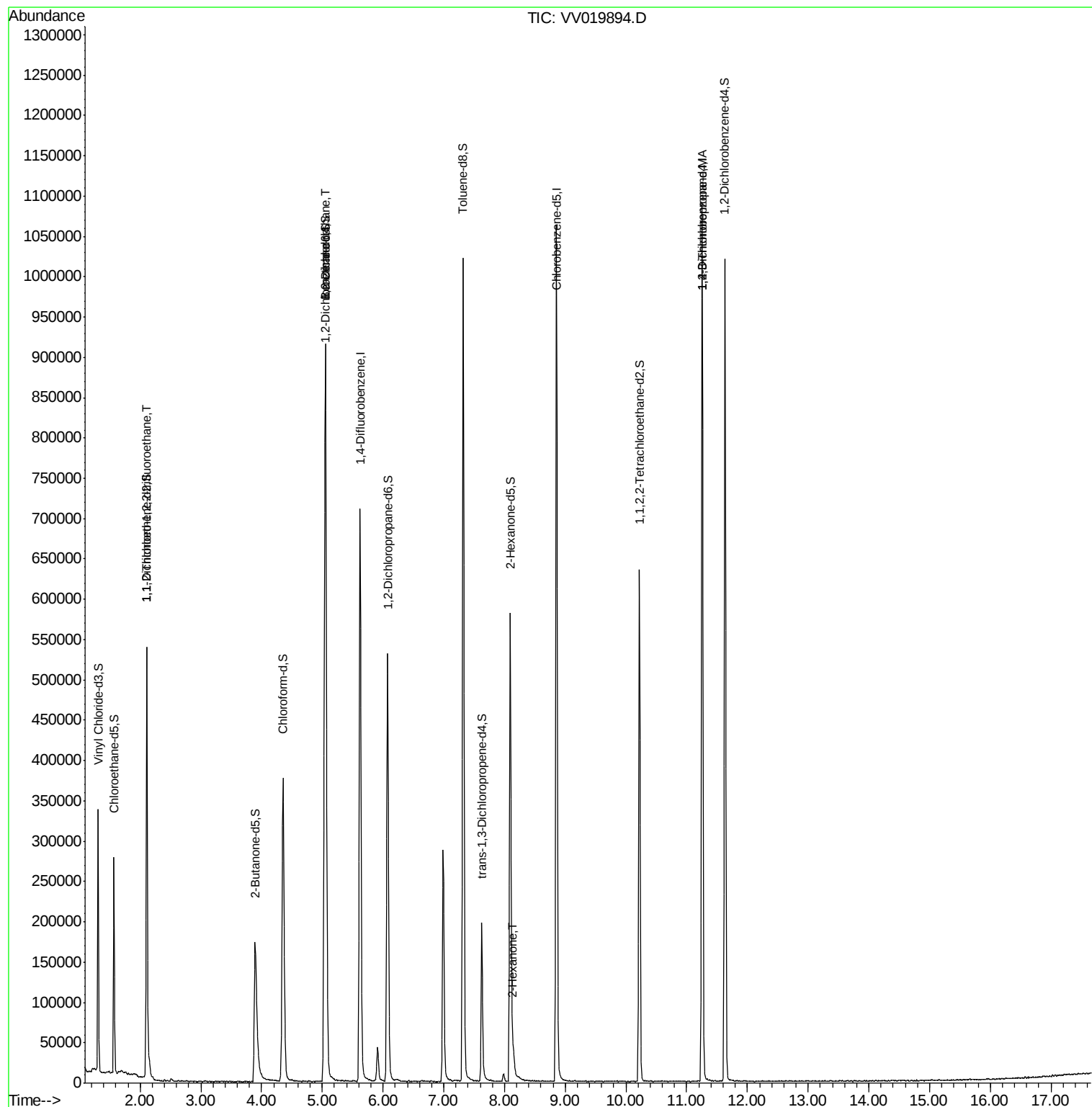
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2665	0.745 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	4956	0.752 ug/L	96
48) 2-Hexanone	8.15	43	15207	2.883 ug/L #	81
59) 1,2,3-Trichloropropane	11.26	75	35709	6.166 ug/L	97

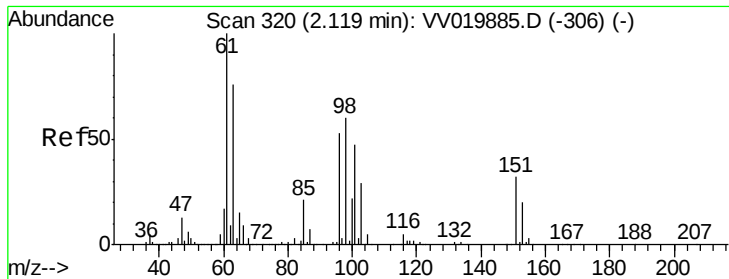
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.745 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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VIBLK70

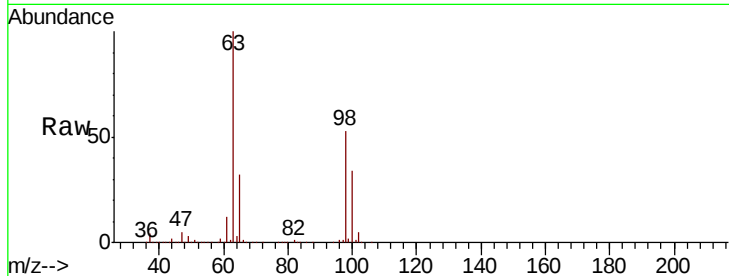
Tot Ion:101 Resp: 2665

Ion Ratio Lower Upper

101 100

85 1.7 35.3 52.9#

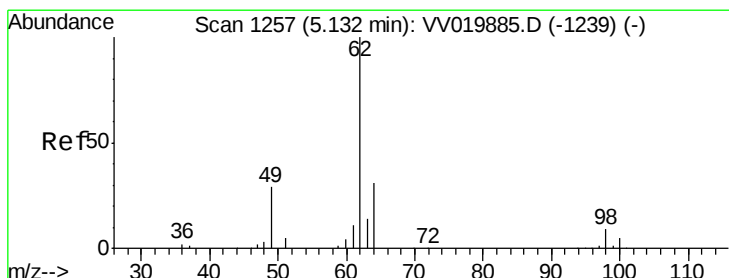
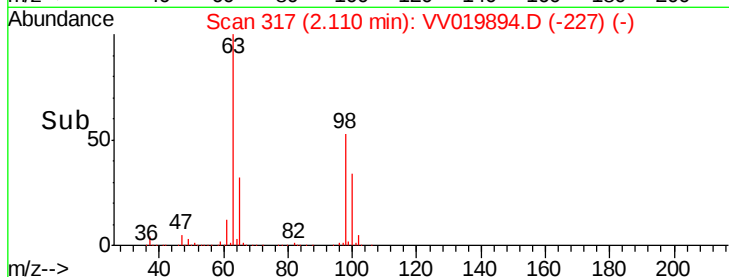
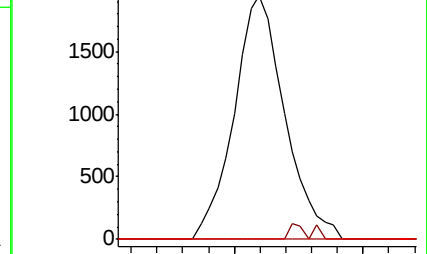
151 0.0 53.6 80.4#



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



#27

1,2-Dichloroethane

Concen: 0.752 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019894.D

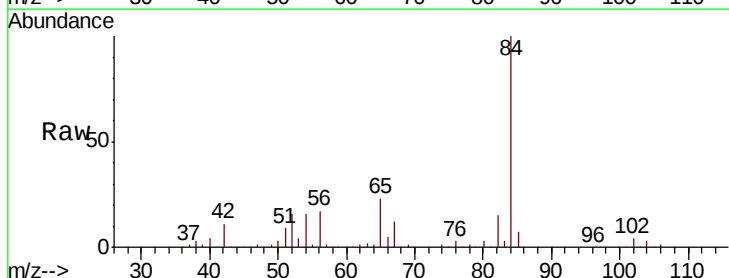
Acq: 05 Jan 2021 14:07

Tgt Ion: 62 Resp: 4956

Ion Ratio Lower Upper

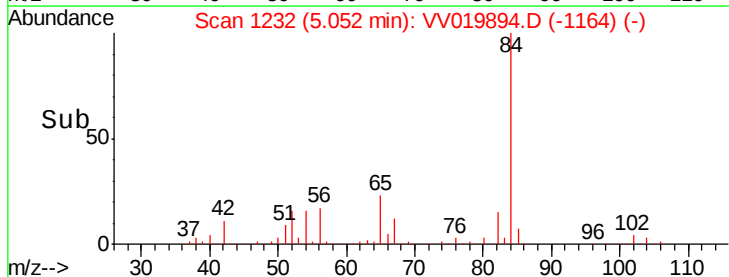
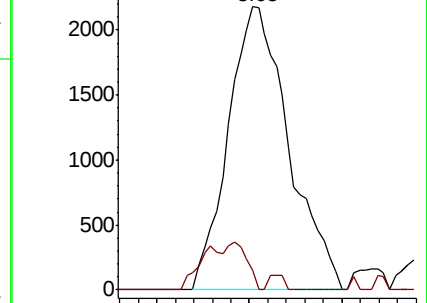
62 100

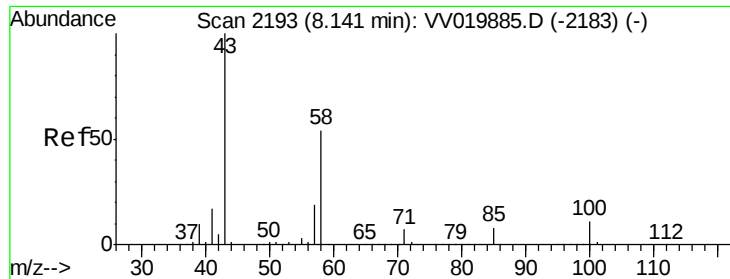
98 7.1 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

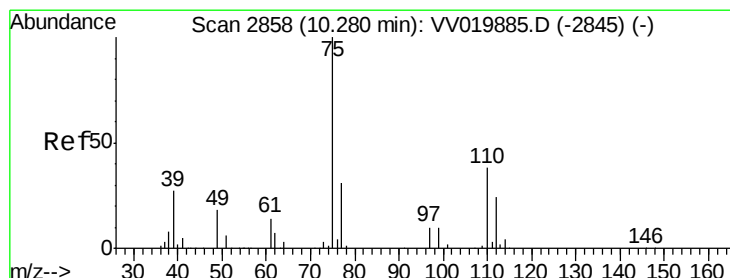
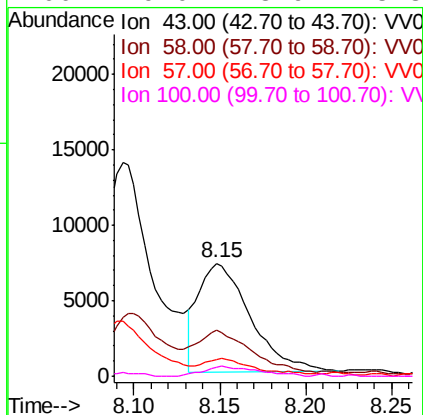
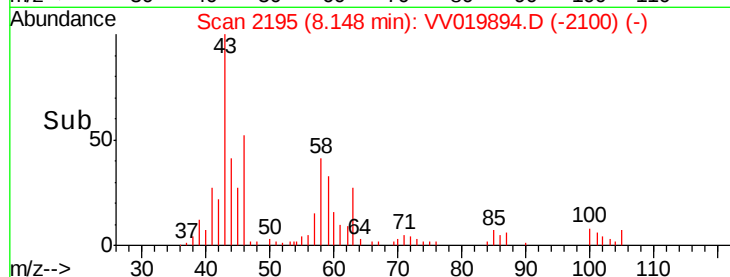
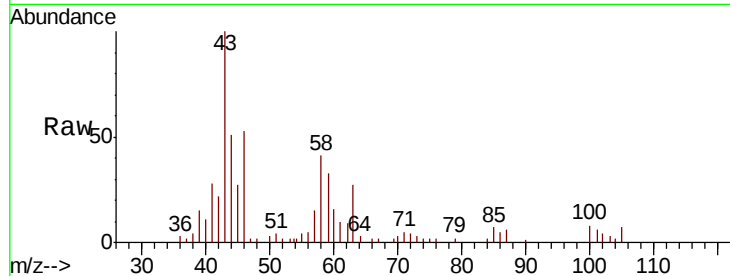




#48
2-Hexanone
Concen: 2.883 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 15207
Ion Ratio Lower Upper
43 100
58 37.2 41.8 62.6#
57 10.2 15.0 22.4#
100 9.0 8.9 13.3



#59
1,2,3-Trichloropropane
Concen: 6.166 ug/L
RT: 11.26 min Scan# 3162
Delta R.T. 0.98 min
Lab File: VV019894.D
Acq: 05 Jan 2021 14:07

Tgt Ion: 75 Resp: 35709
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0

