

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019603.D
 Acq On : 14 Dec 2020 14:40
 Operator : SY/MD
 Sample : L4928-19 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N2

Quant Time: Dec 15 07:52:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	635959	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	595955	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	272811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	232763	51.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.08%
7) Chloroethane-d5	1.57	69	194549	54.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.18%
11) 1,1-Dichloroethene-d2	2.11	63	340528	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.46%
21) 2-Butanone-d5	3.89	46	277728	112.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.05%
24) Chloroform-d	4.35	84	420625	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	5.04	65	292285	54.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.84%
32) Benzene-d6	5.05	84	845916	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.44%
36) 1,2-Dichloropropane-d6	6.07	67	266755	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	7.32	98	750586	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%
43) trans-1,3-Dichloropropene-	7.62	79	133811	47.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.50%
47) 2-Hexanone-d5	8.09	63	205856	105.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.34%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	347430	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.63	152	272850	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

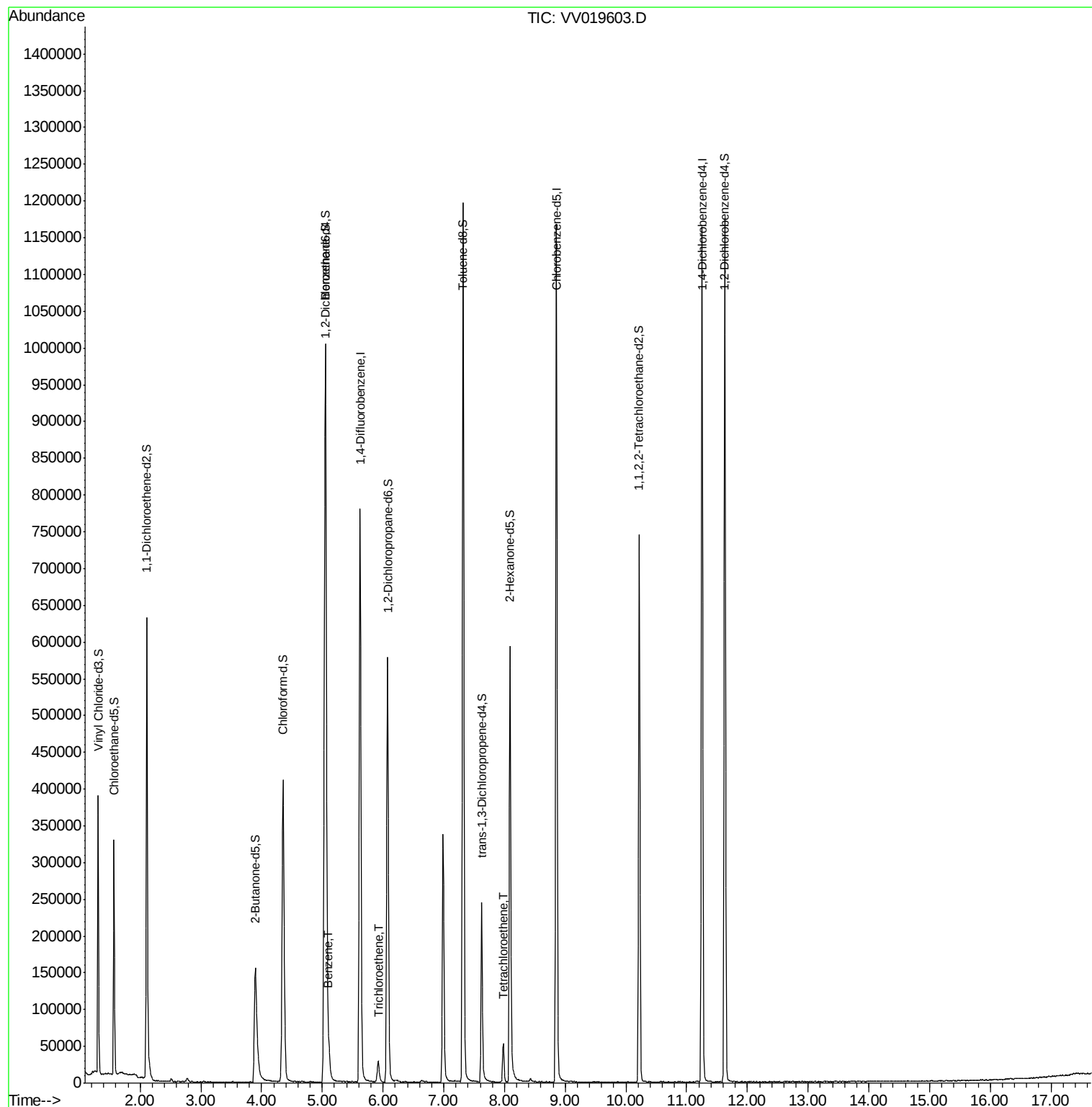
					Ovalue
33) Benzene	5.11	78	44406	2.550 ug/L	100
34) Trichloroethene	5.92	95	8206	1.784 ug/L	94
46) Tetrachloroethene	7.98	164	11087	3.482 ug/L	97

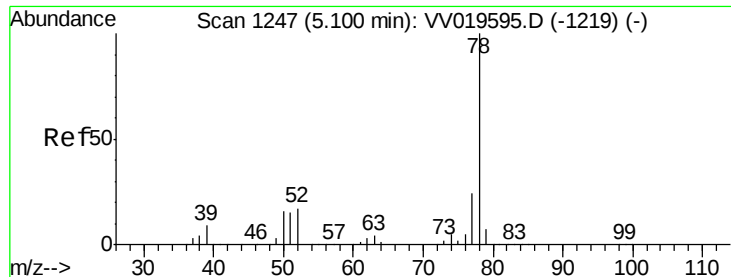
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 2.550 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. 0.01 min

Lab File: VV019603.D

Acq: 14 Dec 2020 14:40

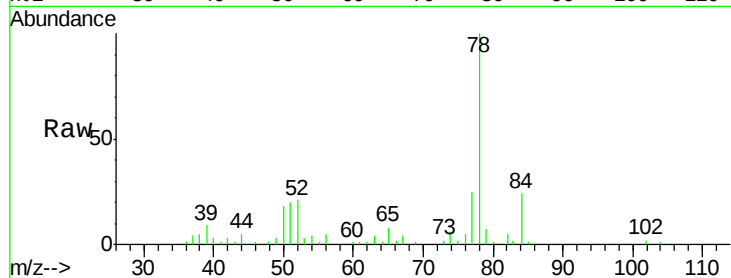
Instrument :

MSVOA_V

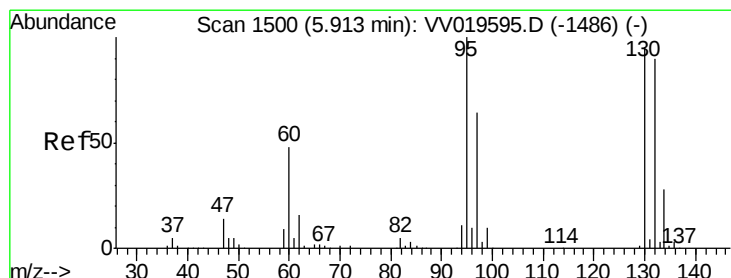
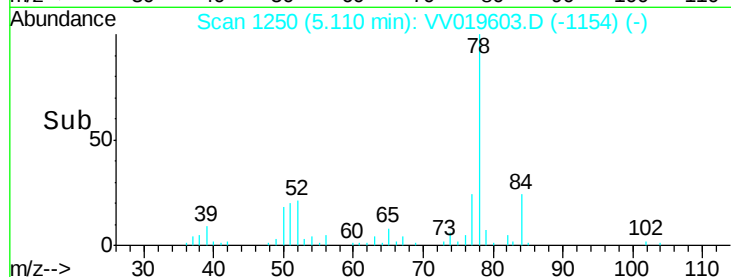
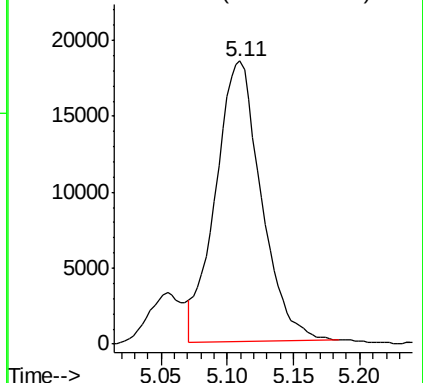
ClientSampled :

BG4N2

Tgt Ion: 78 Resp: 44406



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 1.784 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019603.D

Acq: 14 Dec 2020 14:40

Tgt Ion: 95 Resp: 8206

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.4	82.4
132	94.0	64.3	119.3
130	86.1	67.8	125.8

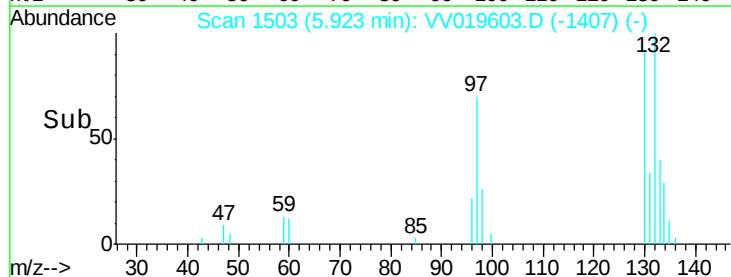
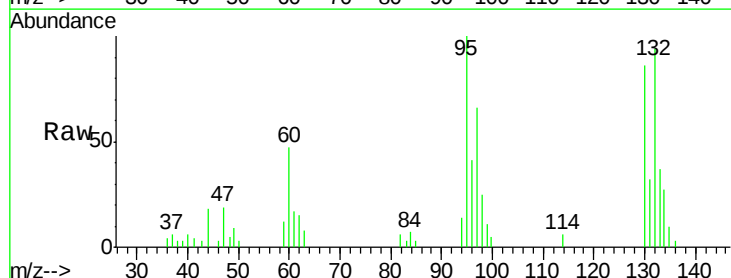
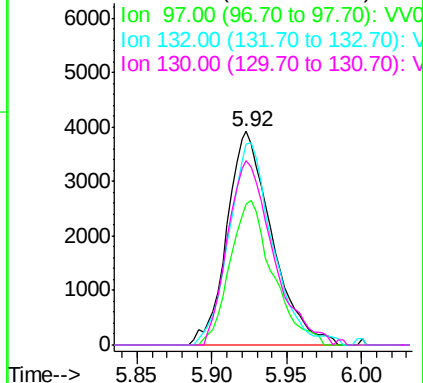
Ion 95.00 (94.70 to 95.70): VV0

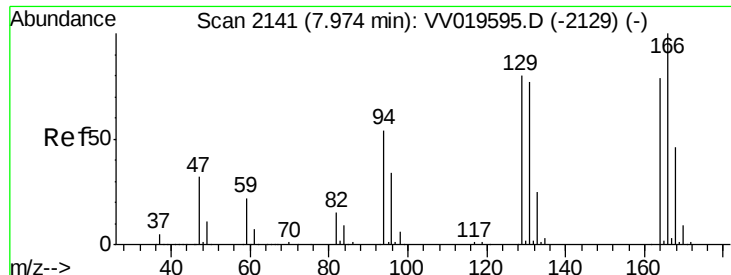
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#46

Tetrachloroethene

Concen: 3.482 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.01 min

Lab File: VV019603.D

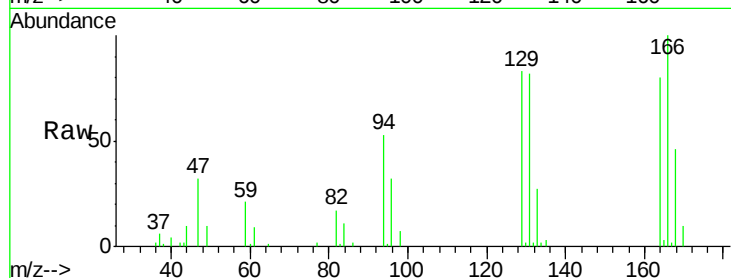
Acq: 14 Dec 2020 14:40

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MSVOA_V

ClientSampleId :

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Tot Ion:164 Resp: 11087

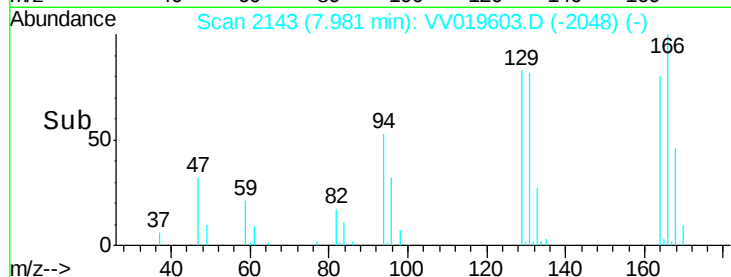
Ion Ratio Lower Upper

164 100

129 106.0 70.6 131.0

131 101.6 68.0 126.4

166 124.7 86.9 161.5



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

