

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019947.D
 Acq On : 08 Jan 2021 14:59
 Operator : SY/MD
 Sample : M1064-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X5

Quant Time: Jan 09 00:05:19 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	443523	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	430788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	196726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96547	28.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.26%#
7) Chloroethane-d5	1.57	69	100236	36.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.48%
11) 1,1-Dichloroethene-d2	2.11	63	170788	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	3.89	46	275767	108.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	4.35	84	266414	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
26) 1,2-Dichloroethane-d4	5.04	65	191172	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.05	84	470067	37.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.78%
36) 1,2-Dichloropropane-d6	6.07	67	169271	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.00%
41) Toluene-d8	7.32	98	390695	35.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.78%#
43) trans-1,3-Dichloropropene-	7.63	79	69577	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
47) 2-Hexanone-d5	8.09	63	150431	89.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	238778	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	168959	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%

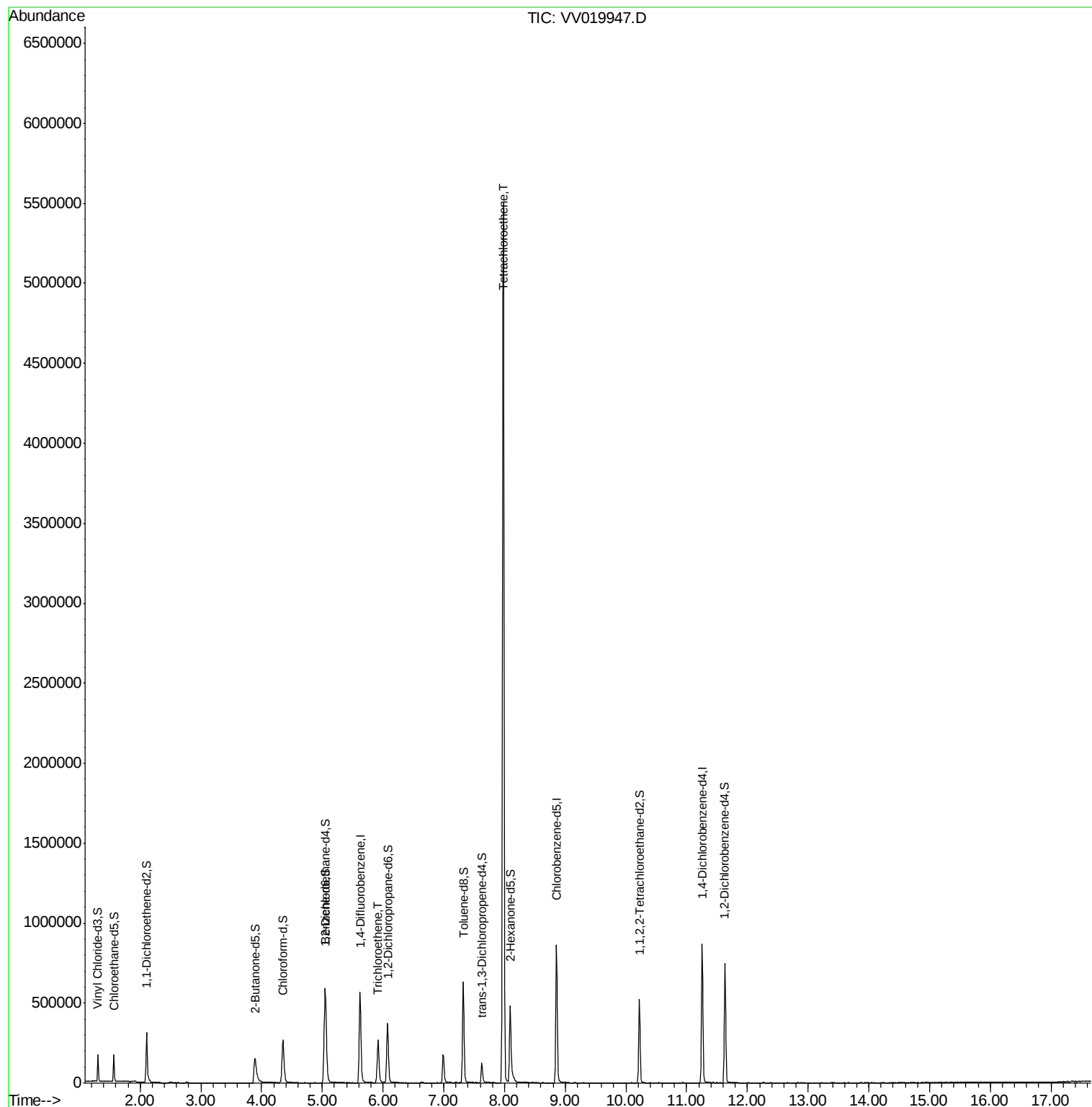
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	89422	24.877 ug/L	98
46) Tetrachloroethene	7.98	164	1067908	444.865 ug/L	98

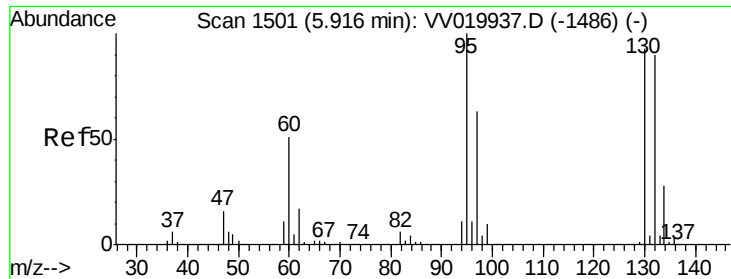
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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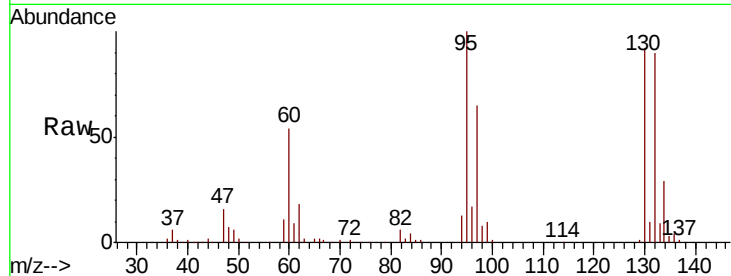




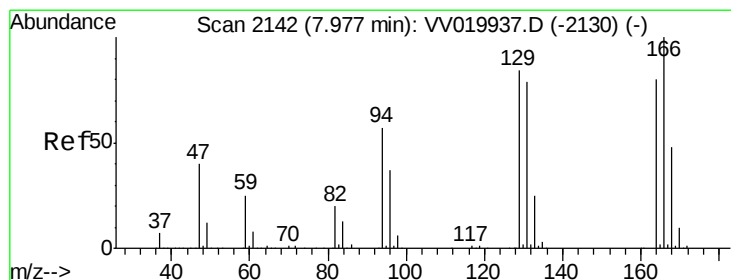
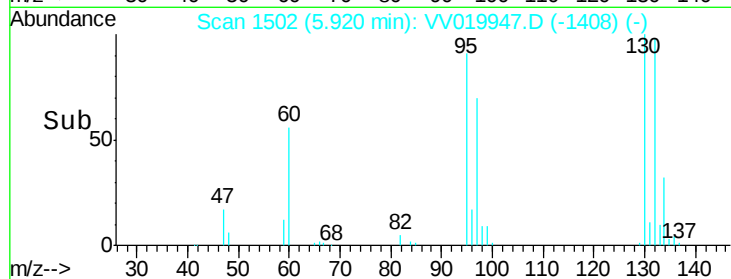
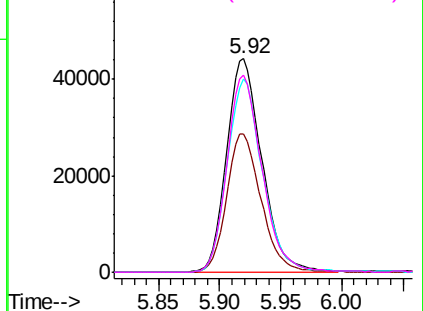
#34
 Trichloroethene
 Concen: 24.877 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019947.D
 Acq: 08 Jan 2021 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X5

Tot Ion: 95 Resp: 89422
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.5 82.7
 132 90.2 63.4 117.8
 130 92.2 67.1 124.5

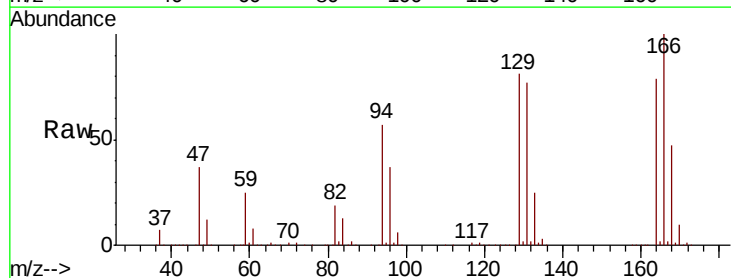


Abundance Ion 95.00 (94.70 to 95.70): VV019947.D (-1486) (-)
 Ion 97.00 (96.70 to 97.70): VV019947.D (-1486) (-)
 Ion 132.00 (131.70 to 132.70): VV019947.D (-1486) (-)
 Ion 130.00 (129.70 to 130.70): VV019947.D (-1486) (-)



#46
 Tetrachloroethene
 Concen: 444.865 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019947.D
 Acq: 08 Jan 2021 14:59

Tgt Ion: 164 Resp: 1067908
 Ion Ratio Lower Upper
 164 100
 129 102.3 70.6 131.0
 131 98.0 66.8 124.0
 166 127.1 88.2 163.8



Abundance Ion 164.00 (163.70 to 164.70): VV019947.D (-2049) (-)
 Ion 129.00 (128.70 to 129.70): VV019947.D (-2049) (-)
 Ion 131.00 (130.70 to 131.70): VV019947.D (-2049) (-)
 Ion 166.00 (165.70 to 166.70): VV019947.D (-2049) (-)

