

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019590.D
 Acq On : 13 Dec 2020 05:40
 Operator : SY/MD
 Sample : L4928-16 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N0

Quant Time: Dec 13 07:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	580816	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	530956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	238165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	156581	37.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.20%
7) Chloroethane-d5	1.57	69	143845	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.11	63	237726	30.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.50%
21) 2-Butanone-d5	3.90	46	251360	111.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.04%
24) Chloroform-d	4.35	84	347482	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.04	65	251211	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
32) Benzene-d6	5.05	84	664494	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.07	67	223900	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.32	98	572121	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.62	79	107323	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.08%
47) 2-Hexanone-d5	8.09	63	180365	103.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.60%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	304529	50.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.50%
64) 1,2-Dichlorobenzene-d4	11.63	152	211950	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

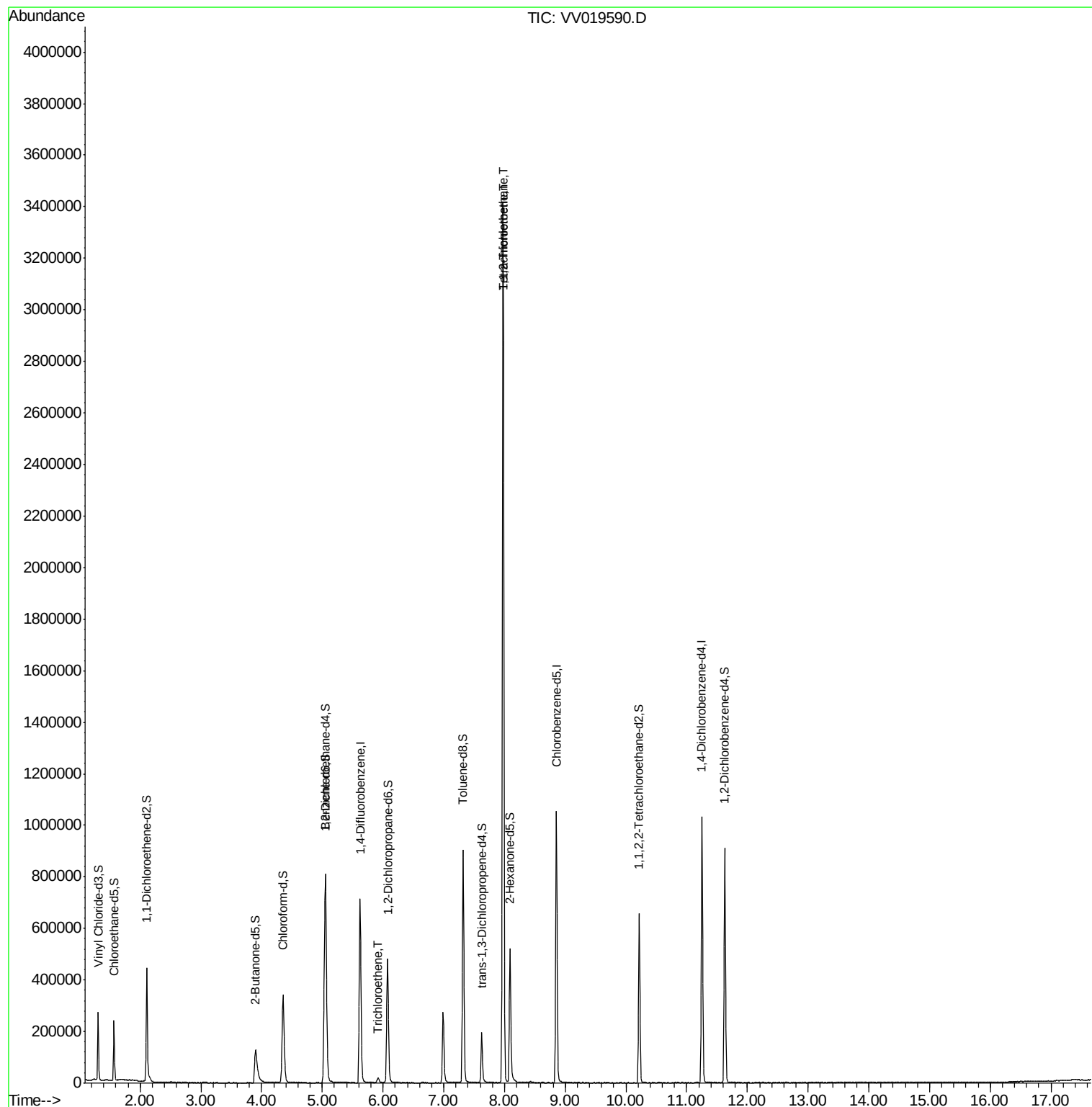
					Ovalue
34) Trichloroethene	5.93	95	4930	1.203 ug/L	91
45) 1,1,2-Trichloroethane	7.98	97	7023	1.825 ug/L #	1
46) Tetrachloroethene	7.98	164	684879	241.458 ug/L	98

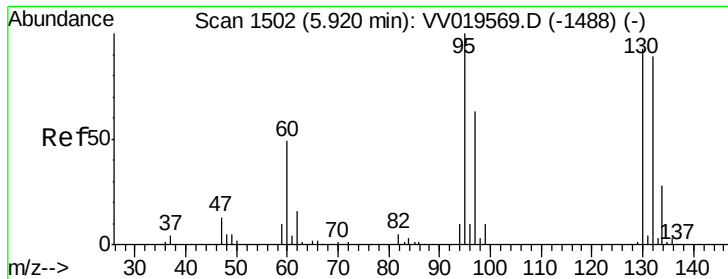
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.203 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019590.D

Acq: 13 Dec 2020 05:40

Instrument :

MSVOA_V

ClientSampleId :

BG4N0

Tot Ion: 95 Resp: 4930

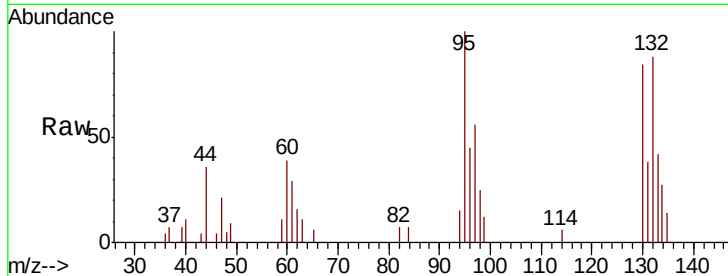
Ion Ratio Lower Upper

95 100

97 55.8 44.4 82.4

132 88.3 64.3 119.3

130 84.3 67.8 125.8

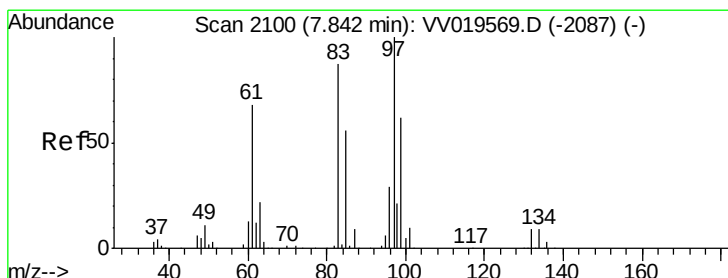
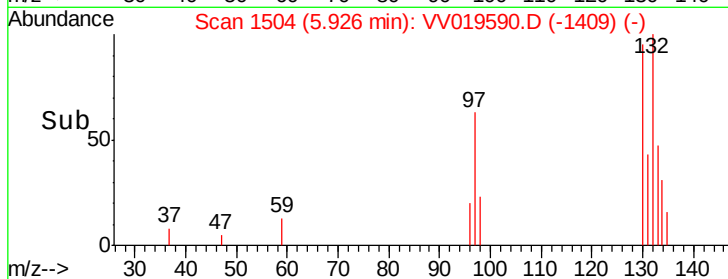
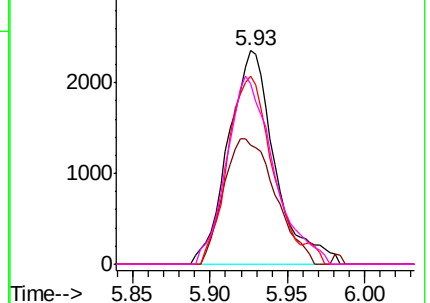


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#45

1,1,2-Trichloroethane

Concen: 1.825 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019590.D

Acq: 13 Dec 2020 05:40

Tgt Ion: 97 Resp: 7023

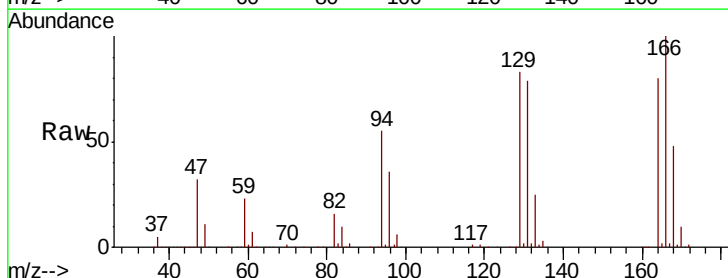
Ion Ratio Lower Upper

97 100

99 15.2 44.1 81.9#

83 268.1 60.0 111.4#

85 38.7 38.6 71.8

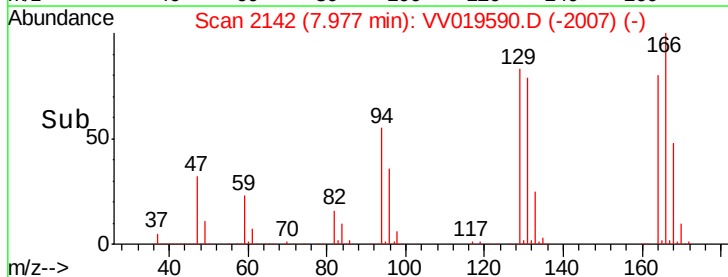
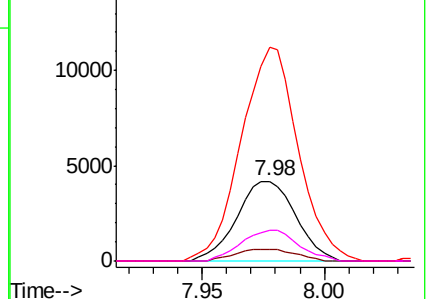


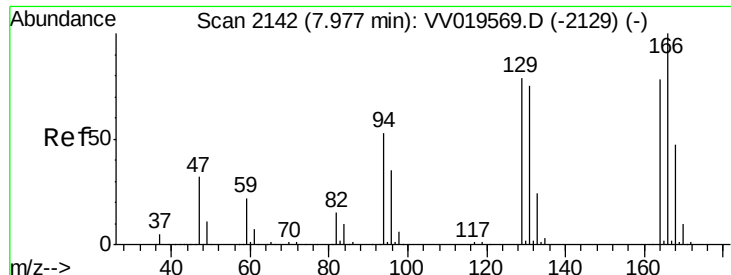
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 241.458 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019590.D

Acq: 13 Dec 2020 05:40

Instrument :

MSVOA_V

ClientSampleId :

BG4N0

Tot Ion:164 Resp: 684879

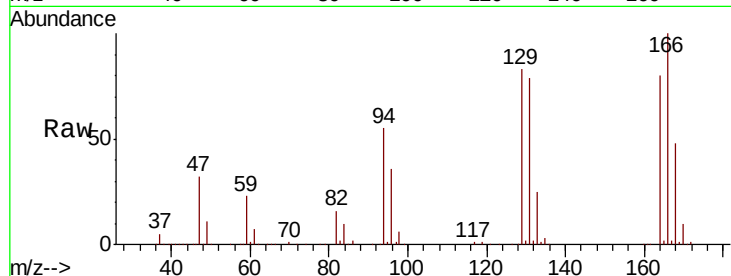
Ion Ratio Lower Upper

164 100

129 103.6 70.6 131.0

131 98.8 68.0 126.4

166 125.2 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

