

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019833.D
 Acq On : 24 Dec 2020 13:47
 Operator : SY/MD
 Sample : L5173-17DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T0DL

Quant Time: Dec 25 05:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	613469	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	577880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	276454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	195227	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.76%
7) Chloroethane-d5	1.57	69	167283	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.42%
11) 1,1-Dichloroethene-d2	2.11	63	295984	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	3.89	46	338071	141.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.39%#
24) Chloroform-d	4.35	84	386902	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.04	65	273155	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
32) Benzene-d6	5.05	84	762798	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.07	67	253513	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.32	98	659491	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.63	79	112736	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.10%
47) 2-Hexanone-d5	8.09	63	199652	105.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.37%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	314540	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	11.63	152	243398	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%

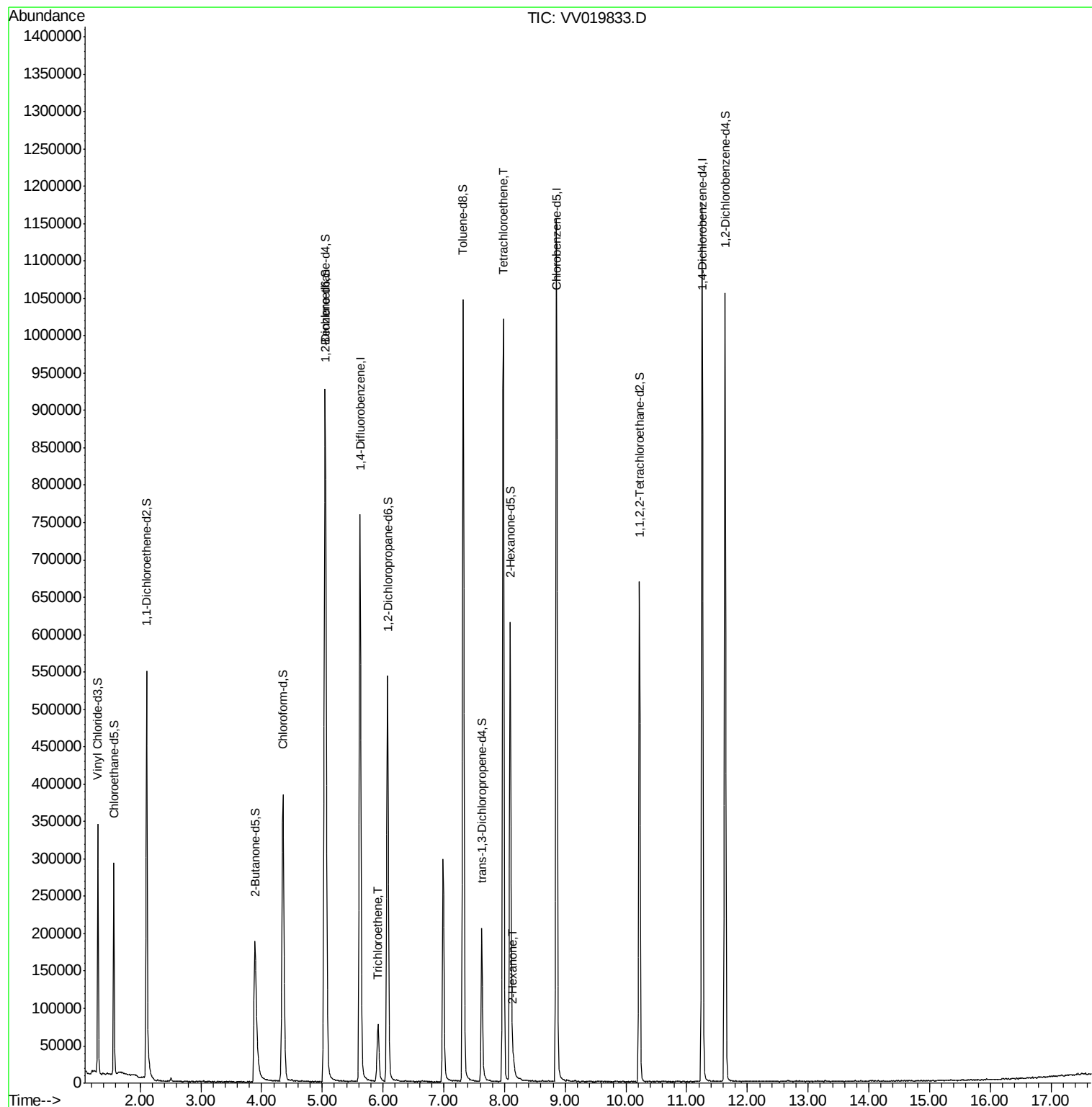
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	20155	4.518 ug/L	95
46) Tetrachloroethene	7.98	164	204173	66.137 ug/L	98
48) 2-Hexanone	8.15	43	10320	2.137 ug/L #	86

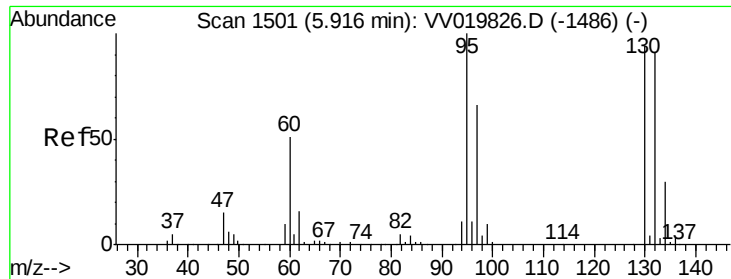
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 4.518 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019833.D

Acq: 24 Dec 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

BG4T0DL

Tot Ion: 95 Resp: 20155

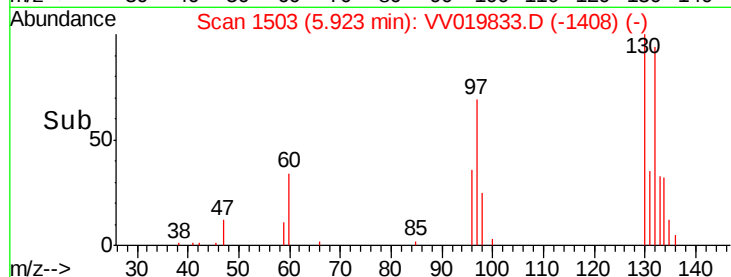
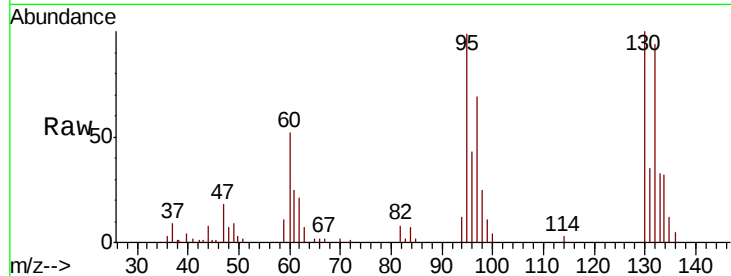
Ion Ratio Lower Upper

95 100

97 69.7 44.4 82.4

132 95.2 64.3 119.3

130 101.3 67.8 125.8

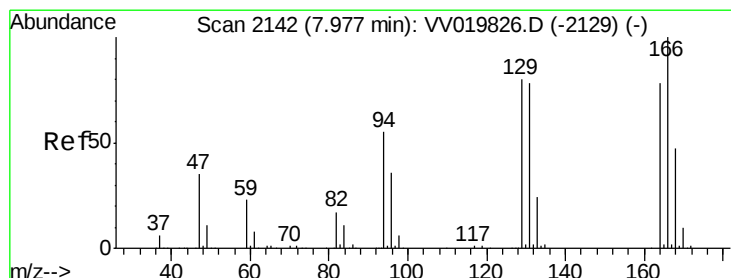
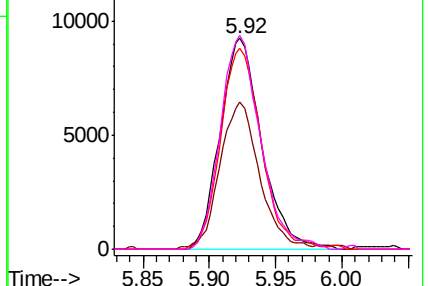


Abundance Ion 95.00 (94.70 to 95.70): VV019833.D (-1408) (-)

Ion 97.00 (96.70 to 97.70): VV019833.D (-1408) (-)

Ion 132.00 (131.70 to 132.70): VV019833.D (-1408) (-)

Ion 130.00 (129.70 to 130.70): VV019833.D (-1408) (-)



#46

Tetrachloroethene

Concen: 66.137 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019833.D

Acq: 24 Dec 2020 13:47

Tgt Ion:164 Resp: 204173

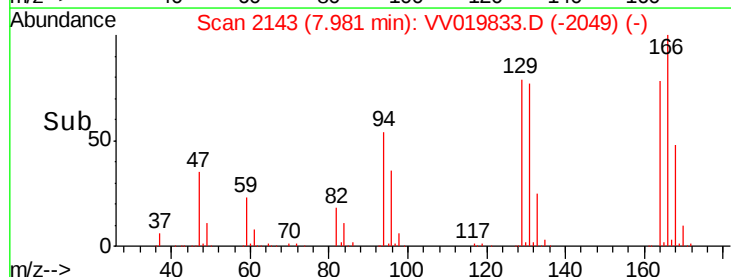
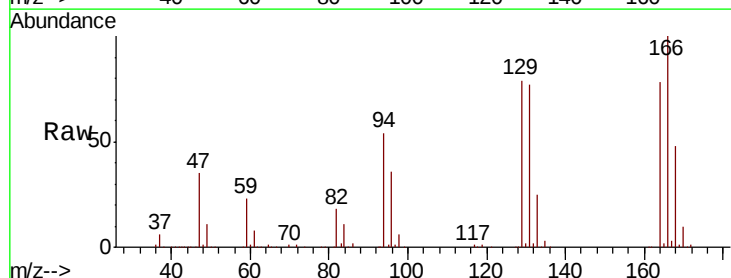
Ion Ratio Lower Upper

164 100

129 100.8 70.6 131.0

131 98.7 68.0 126.4

166 127.6 86.9 161.5

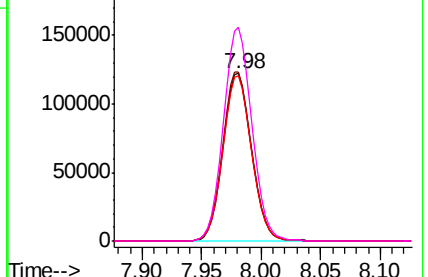


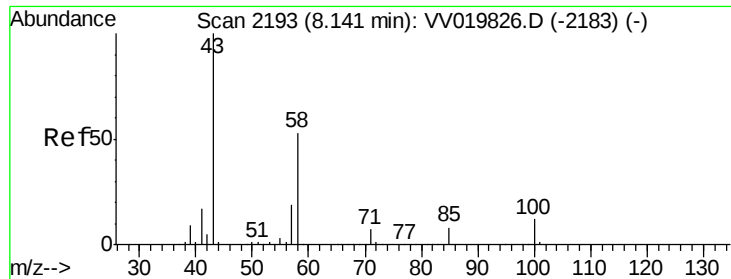
Abundance Ion 164.00 (163.70 to 164.70): VV019833.D (-2049) (-)

Ion 129.00 (128.70 to 129.70): VV019833.D (-2049) (-)

Ion 131.00 (130.70 to 131.70): VV019833.D (-2049) (-)

Ion 166.00 (165.70 to 166.70): VV019833.D (-2049) (-)





#48

2-Hexanone

Concen: 2.137 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019833.D

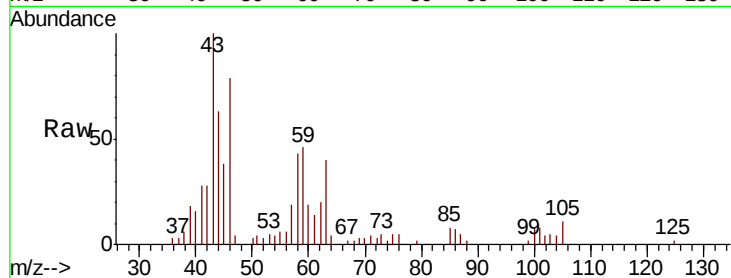
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Tot Ion:	43	Resp:	10320
Ion	Ratio	Lower	Upper
43	100		
58	45.1	44.4	66.6
57	15.2	15.7	23.5#
100	3.6	9.9	14.9#

