

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017128.D
 Acq On : 25 Jun 2020 15:35
 Operator : SY/MD
 Sample : L3102-16DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L65DL

Quant Time: Jun 26 03:17:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178370	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174166	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52990	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	42326	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.12	63	78963	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.96	46	130500	47.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.66%
24) Chloroform-d	4.38	84	118319	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.06	65	61228	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.07	84	221672	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	65617	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.34	98	188922	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.64	79	25042	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.12	63	96100	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44973	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	75697	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

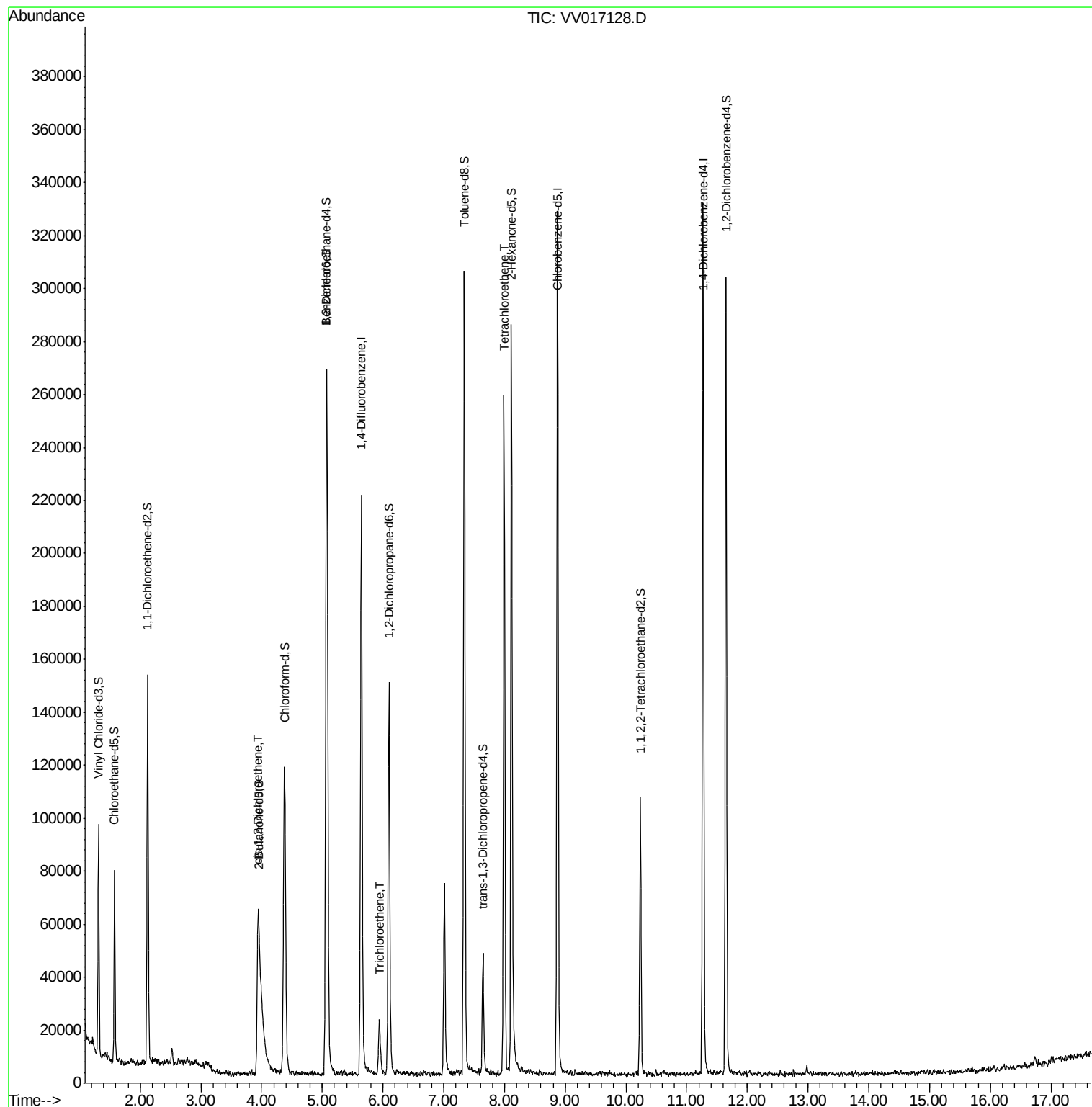
					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	12974	1.046 ug/L	95
34) Trichloroethene	5.94	95	6208	0.465 ug/L	94
49) Tetrachloroethene	7.99	164	55636	5.175 ug/L	99

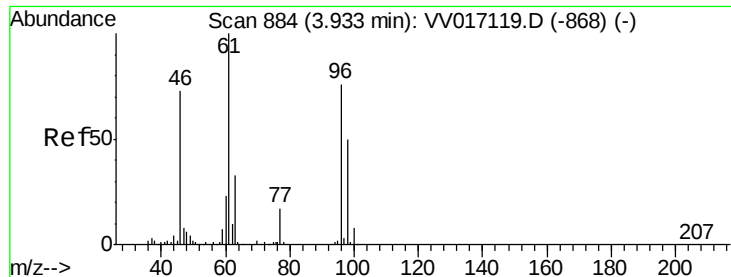
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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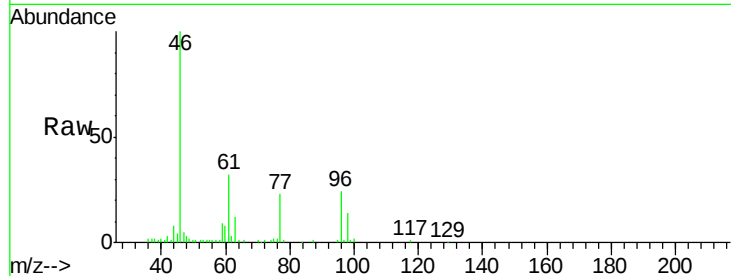


#22

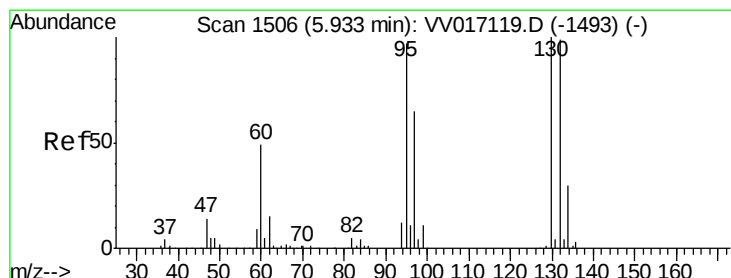
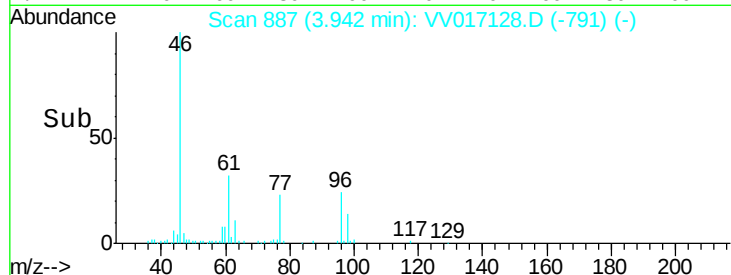
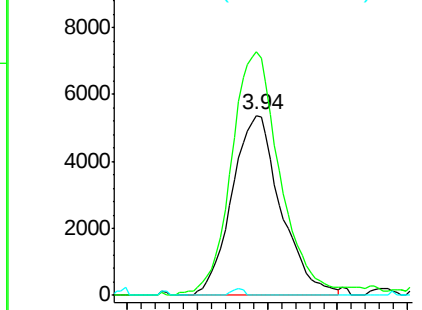
cis-1,2-Dichloroethene
Concen: 1.046 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017128.D
Acq: 25 Jun 2020 15:35

Instrument :
MSVOA_V
ClientSampleId :
F9L65DL

Tot Ion: 96 Resp: 12974
Ion Ratio Lower Upper
96 100
61 135.3 91.0 169.0
68 0.0 0.0 0.0



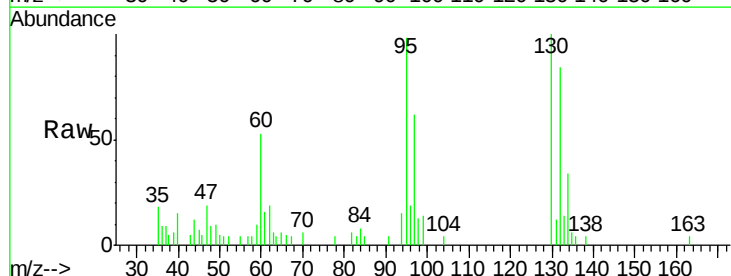
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



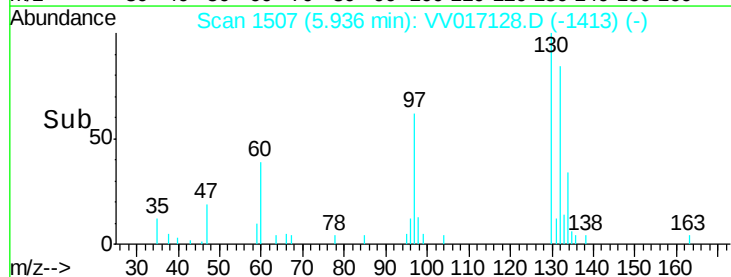
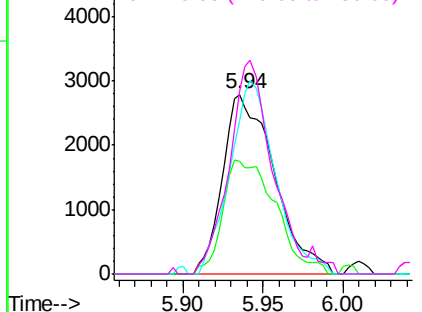
#34

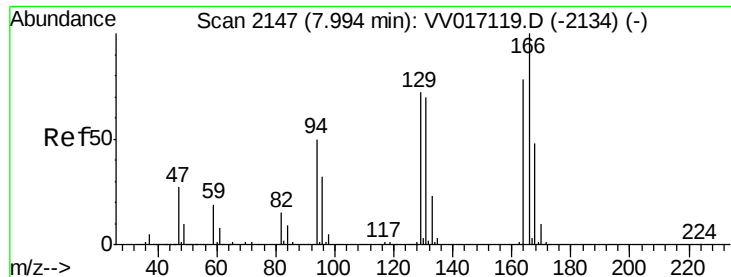
Trichloroethene
Concen: 0.465 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017128.D
Acq: 25 Jun 2020 15:35

Tgt Ion: 95 Resp: 6208
Ion Ratio Lower Upper
95 100
97 63.0 45.3 84.1
132 85.6 68.8 127.8
130 101.9 70.2 130.4



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#49

Tetrachloroethene

Concen: 5.175 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

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ClientSampleId :

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Tot Ion:164 Resp: 55636

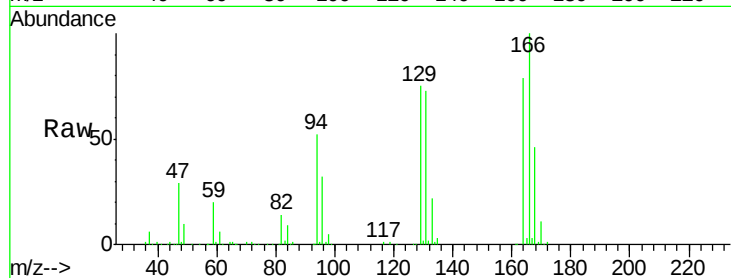
Ion Ratio Lower Upper

164 100

129 95.3 65.2 121.0

131 92.3 64.1 119.1

166 127.1 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

