

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018118.D
 Acq On : 27 Aug 2020 15:36
 Operator : SY/MD
 Sample : L3800-05ME
 Misc : 6.94g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H5ME

Quant Time: Aug 28 07:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 06:20:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	495369	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	485914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	245266	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	150304	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.54%
7) Chloroethane-d5	1.58	69	132527	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.72%
11) 1,1-Dichloroethene-d2	2.12	63	239462	33.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.24%
21) 2-Butanone-d5	3.91	46	231732	93.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.61%
24) Chloroform-d	4.37	84	300348	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.05	65	206091	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
32) Benzene-d6	5.07	84	623239	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.09	67	202456	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.34	98	566287	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.64	79	97022	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.11	63	134356	95.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	259765	45.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	244835	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%

Target Compounds

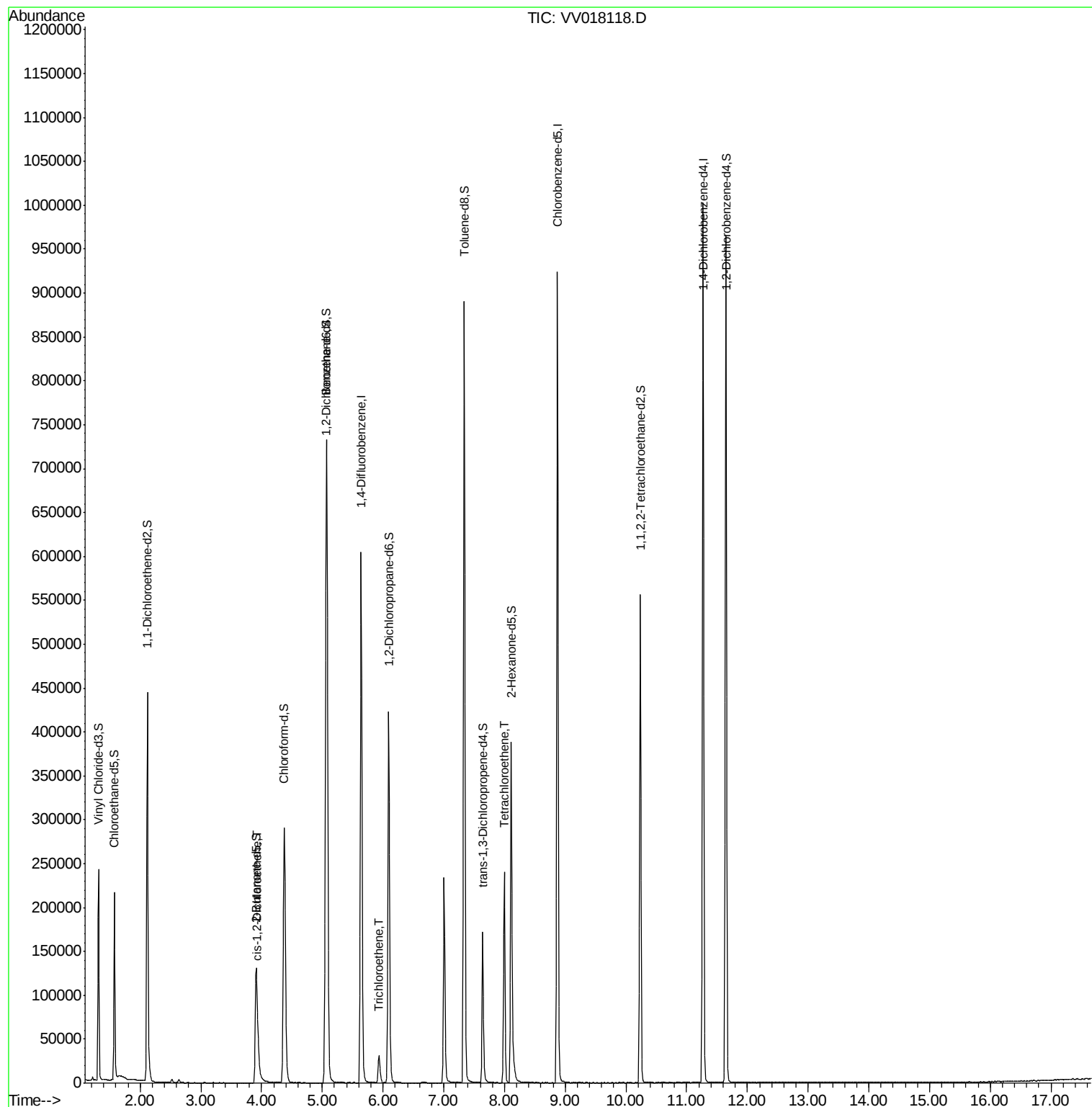
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	6986	1.861 ug/L	90
34) Trichloroethene	5.94	95	5665	1.426 ug/L	95
46) Tetrachloroethene	8.00	164	54107	18.566 ug/L	97

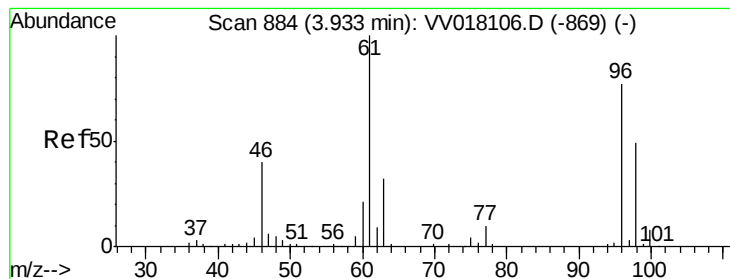
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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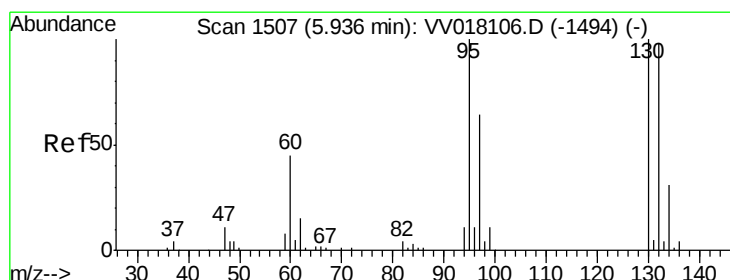
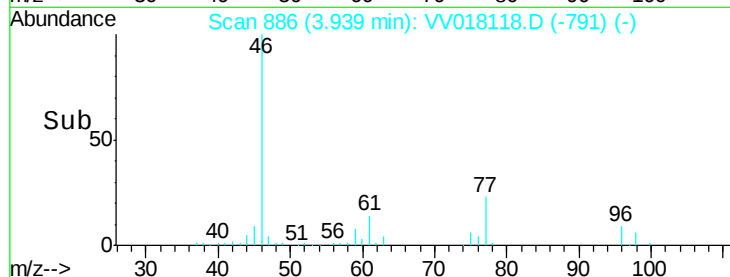
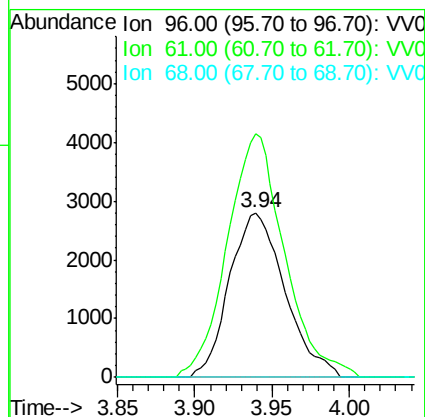
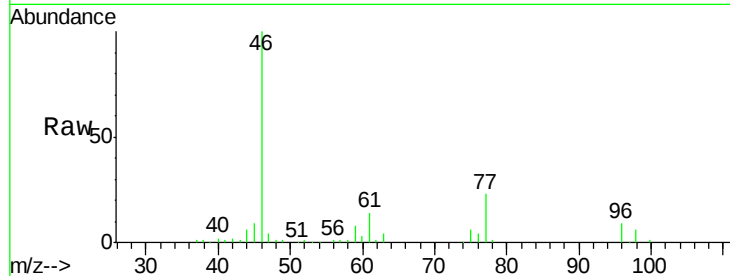


#20

cis-1,2-Dichloroethene
Concen: 1.861 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV018118.D
Acq: 27 Aug 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :
BG3H5ME

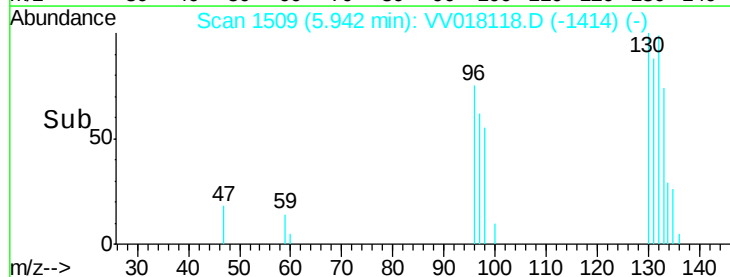
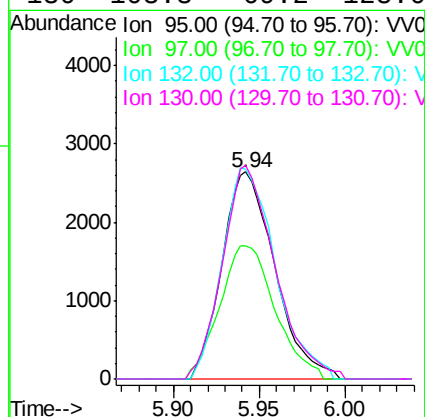
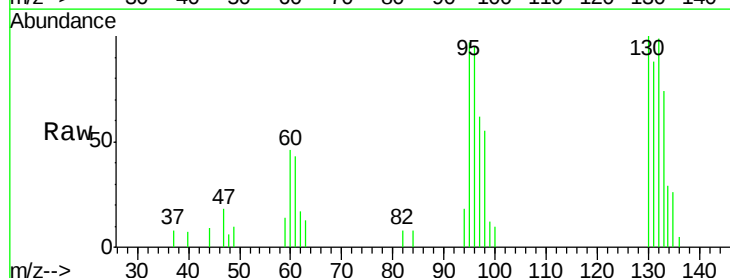
Tot Ion: 96 Resp: 6986
Ion Ratio Lower Upper
96 100
61 147.8 95.0 176.4
68 0.0 0.0 0.0

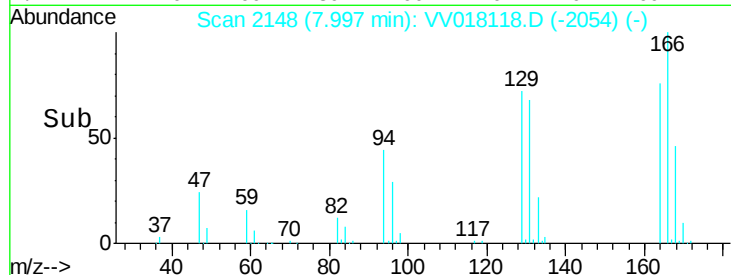
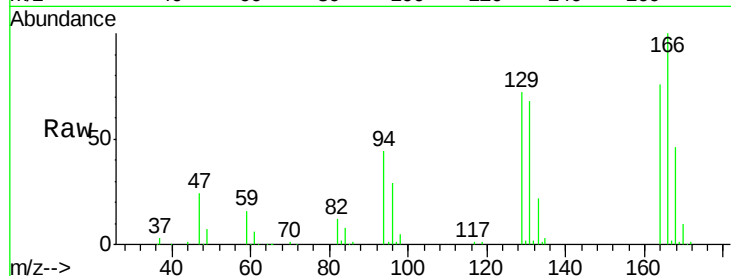
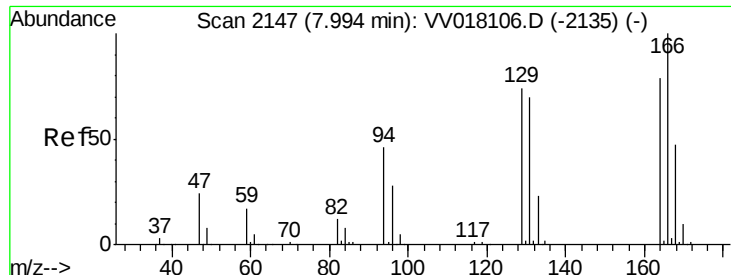


#34

Trichloroethene
Concen: 1.426 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018118.D
Acq: 27 Aug 2020 15:36

Tgt Ion: 95 Resp: 5665
Ion Ratio Lower Upper
95 100
97 64.5 46.0 85.4
132 101.7 65.8 122.2
130 103.3 69.2 128.6





#46

Tetrachloroethene

Concen: 18.566 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018118.D

Acq: 27 Aug 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

BG3H5ME

Tot Ion:164 Resp: 54107

Ion Ratio Lower Upper

164 100

129 94.2 64.8 120.3

131 89.0 64.5 119.9

166 130.9 88.9 165.1

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

