

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082720\
 Data File : VV018125.D
 Acq On : 27 Aug 2020 18:45
 Operator : SY/MD
 Sample : L3800-21 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

Quant Time: Aug 28 07:37:35 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	262554	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261262	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81462	40.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.32%
7) Chloroethane-d5	1.58	69	73873	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.12	63	127463	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.91	46	122012	92.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.99%
24) Chloroform-d	4.38	84	162369	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.06	65	111563	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.08	84	328614	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.09	67	107363	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.22%
41) Toluene-d8	7.34	98	291214	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.64	79	48538	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.11	63	60759	80.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132984	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	123789	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

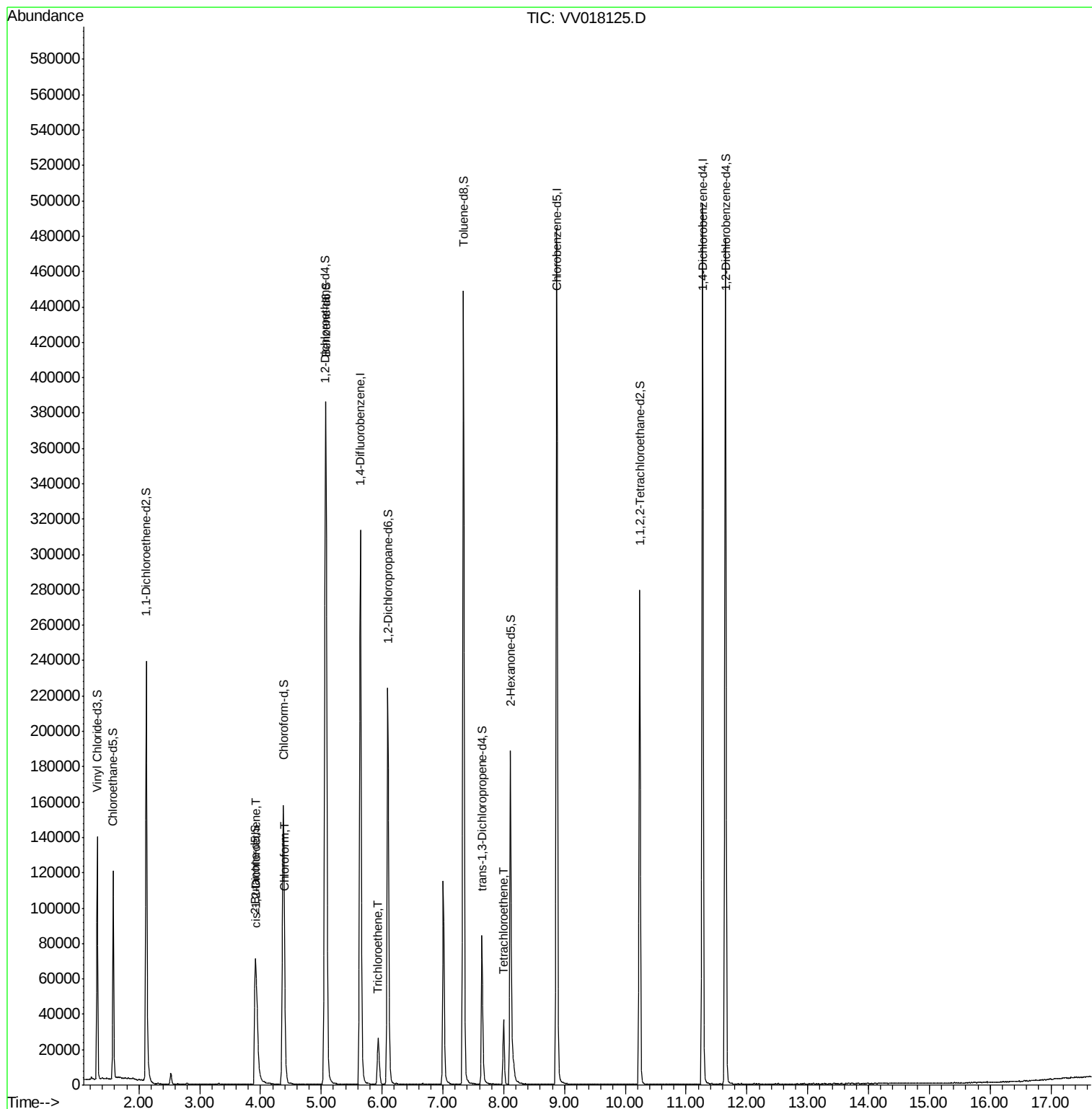
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	8376	4.210 ug/L	97
25) Chloroform	4.41	83	5334	1.437 ug/L	98
34) Trichloroethene	5.94	95	5790	2.710 ug/L	93
46) Tetrachloroethene	8.00	164	8596	5.486 ug/L	97

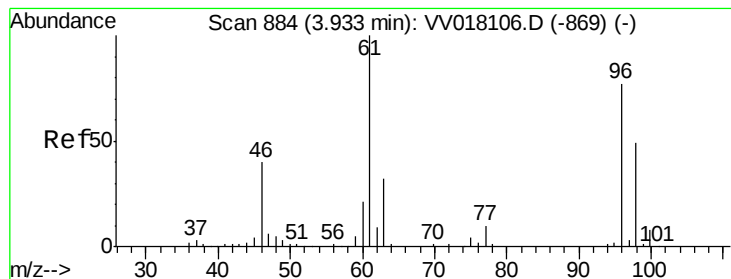
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.210 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018125.D

Acq: 27 Aug 2020 18:45

Instrument :

MSVOA_V

ClientSampleId :

BG3J3

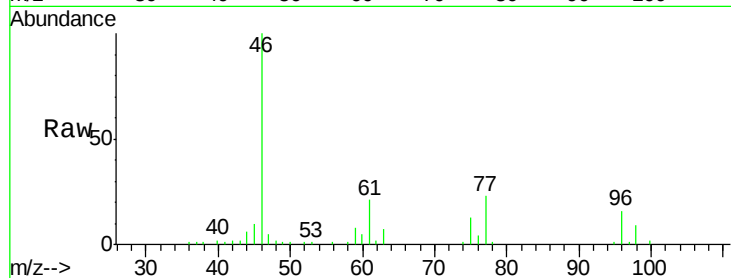
Tot Ion: 96 Resp: 8376

Ion Ratio Lower Upper

96 100

61 132.6 95.0 176.4

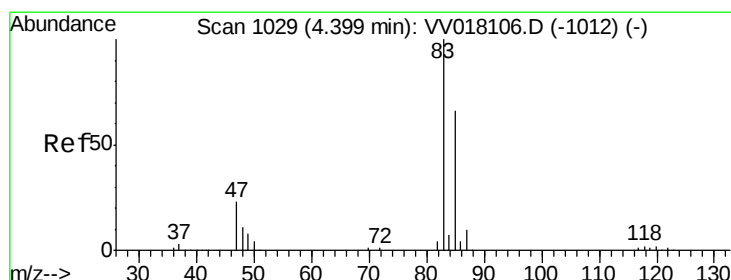
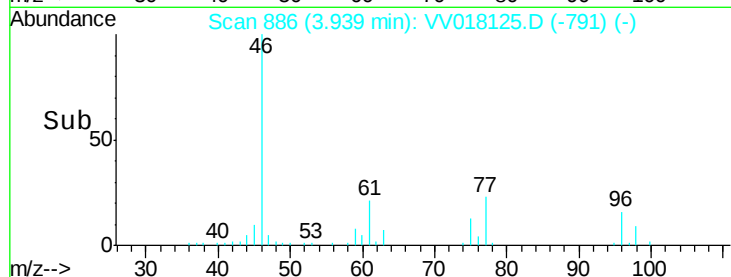
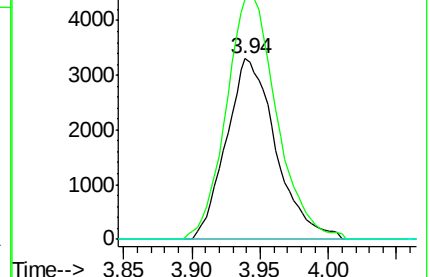
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018106.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018106.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018106.D (-869) (-)



#25

Chloroform

Concen: 1.437 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018125.D

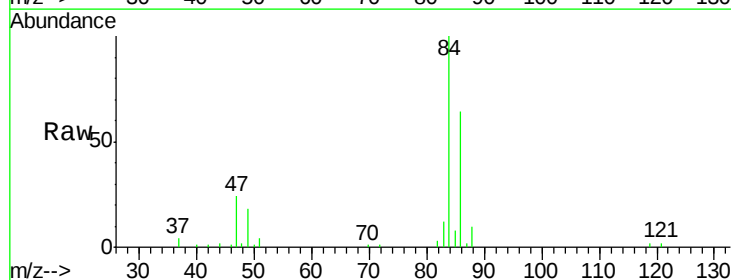
Acq: 27 Aug 2020 18:45

Tgt Ion: 83 Resp: 5334

Ion Ratio Lower Upper

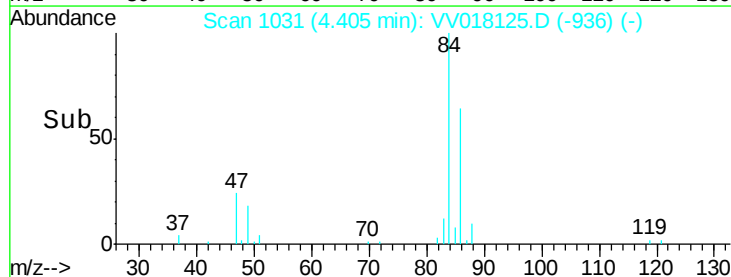
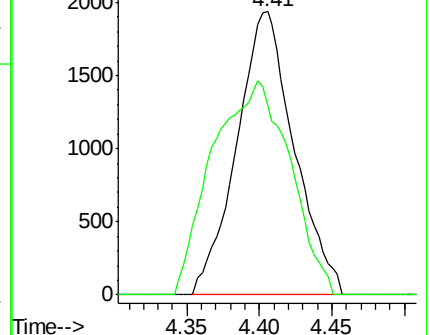
83 100

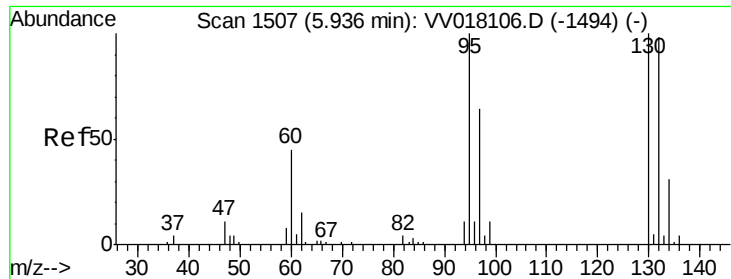
85 66.7 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV018106.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV018106.D (-1012) (-)

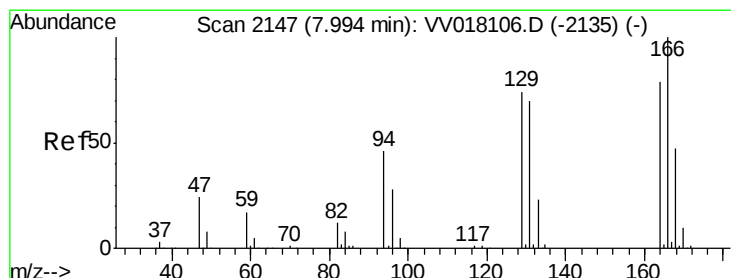
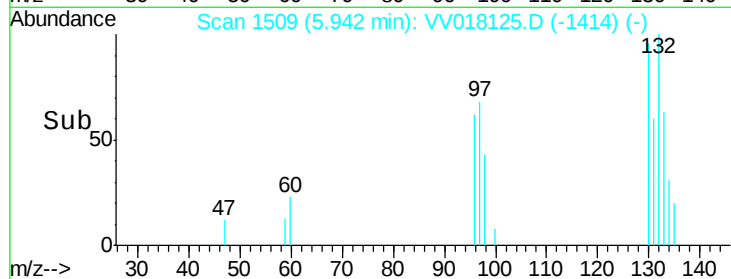
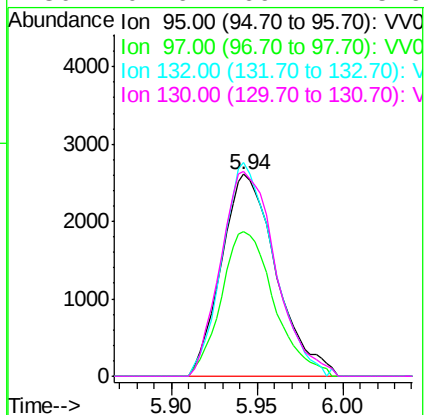
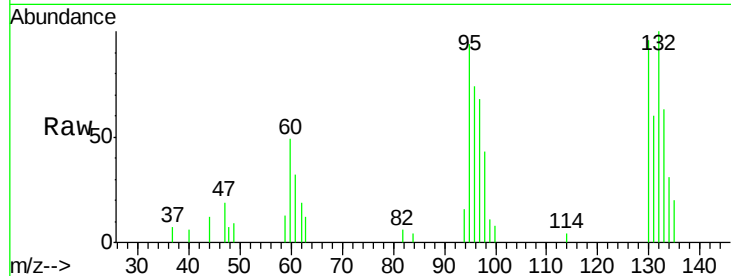




#34
 Trichloroethene
 Concen: 2.710 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
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Tot Ion: 95 Resp: 5790
 Ion Ratio Lower Upper
 95 100
 97 71.5 46.0 85.4
 132 105.9 65.8 122.2
 130 101.6 69.2 128.6



#46
 Tetrachloroethene
 Concen: 5.486 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018125.D
 Acq: 27 Aug 2020 18:45

Tgt Ion: 164 Resp: 8596
 Ion Ratio Lower Upper
 164 100
 129 95.5 64.8 120.3
 131 90.3 64.5 119.9
 166 130.2 88.9 165.1

