

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016444.D
 Acq On : 02 Jun 2020 22:21
 Operator : SY/MD
 Sample : L2843-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA5

Quant Time: Jun 03 03:23:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389913	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370834	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131343	47.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.12%
7) Chloroethane-d5	1.58	69	91223	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.52%
11) 1,1-Dichloroethene-d2	2.13	63	182544	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	3.91	46	182312	103.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.38	84	222286	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.06	65	169772	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
32) Benzene-d6	5.08	84	495655	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.09	67	153637	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.28%
41) Toluene-d8	7.34	98	438077	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%
43) trans-1,3-Dichloropropene-	7.64	79	68769	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.11	63	132988	100.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199011	47.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	172712	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

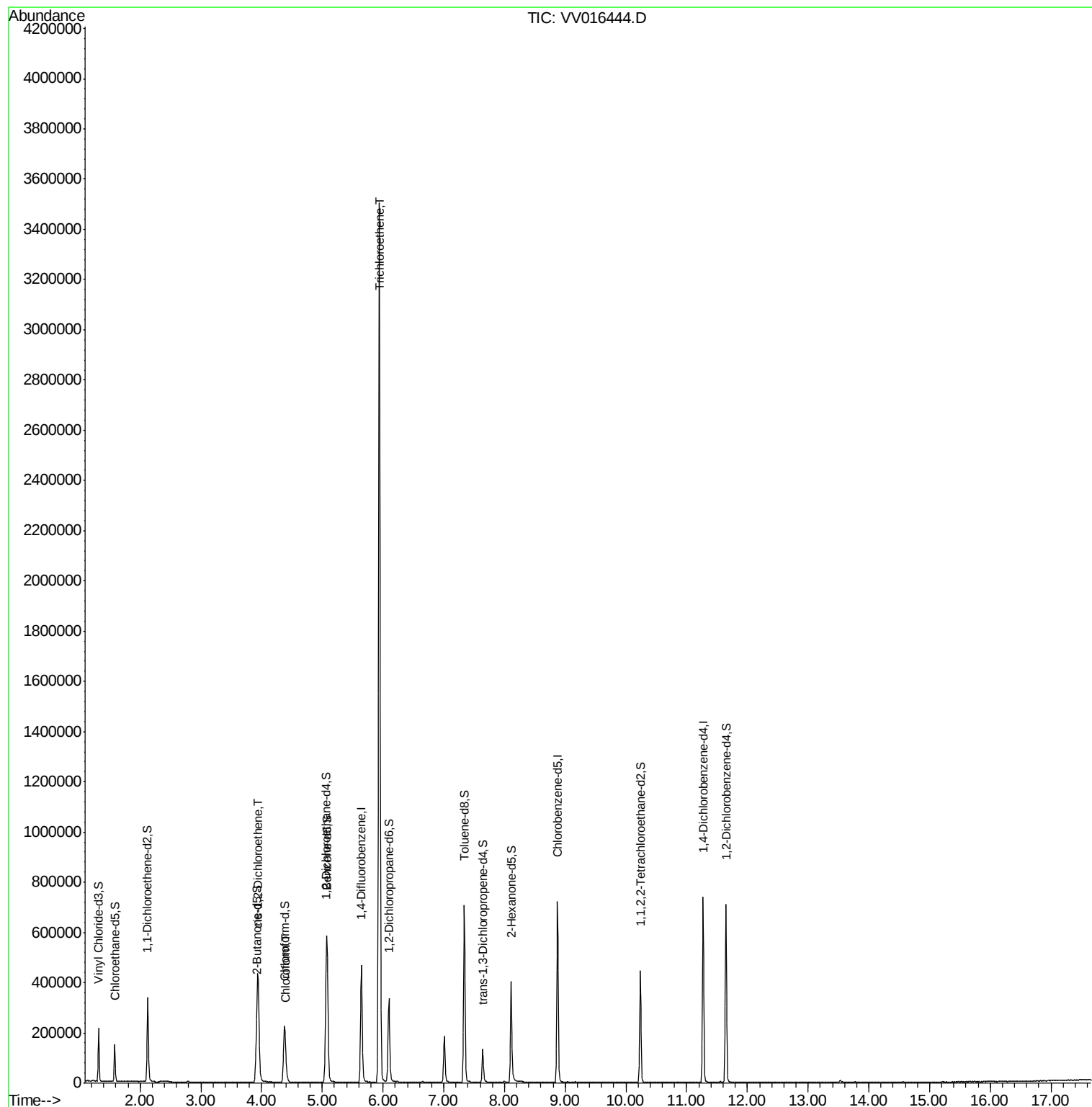
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	220660	74.859 ug/L	97
25) Chloroform	4.41	83	27435	5.182 ug/L	99
34) Trichloroethene	5.94	95	1181195	412.758 ug/L	97

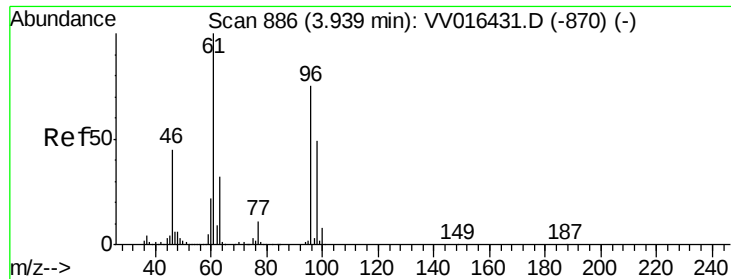
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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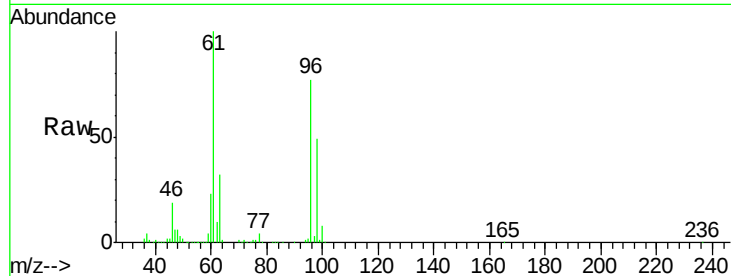




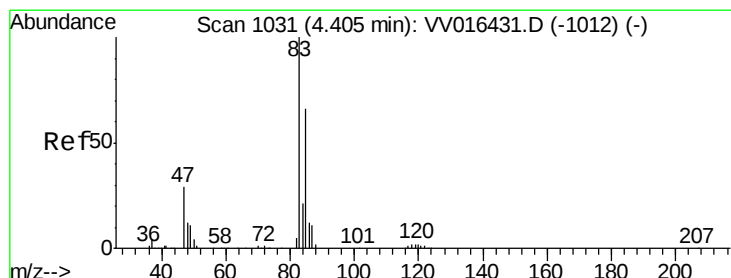
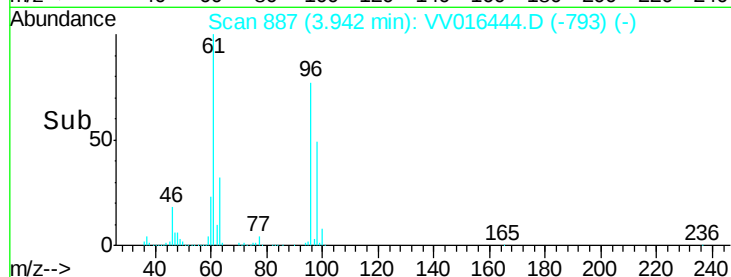
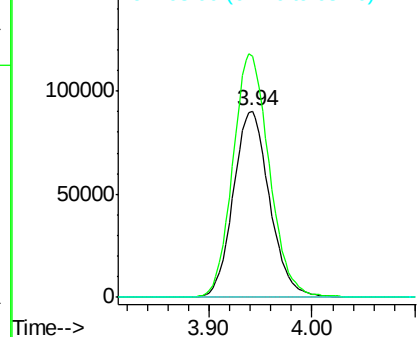
#20
 cis-1,2-Dichloroethene
 Concen: 74.859 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV016444.D
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Instrument :
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 ClientSampleId :
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Tot Ion: 96 Resp: 220660
 Ion Ratio Lower Upper
 96 100
 61 129.5 93.4 173.4
 68 0.0 0.0 0.0

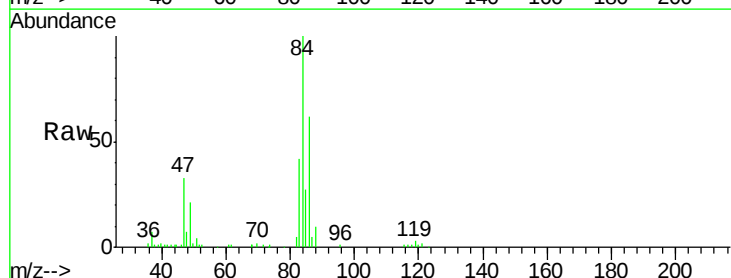


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

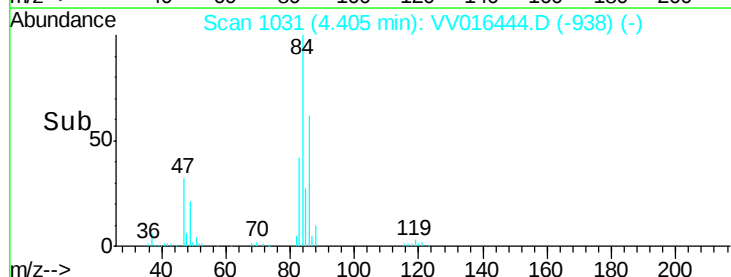
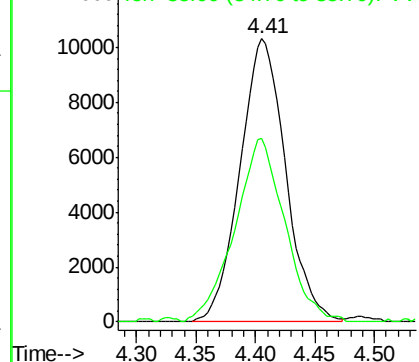


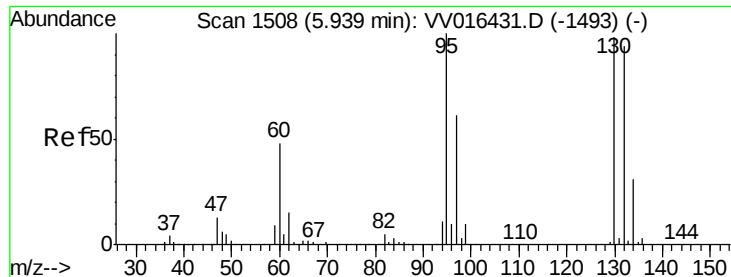
#25
 Chloroform
 Concen: 5.182 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VV016444.D
 Acq: 02 Jun 2020 22:21

Tgt Ion: 83 Resp: 27435
 Ion Ratio Lower Upper
 83 100
 85 64.8 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 412.758 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

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C0AA5

Tot Ion: 95 Resp: 1181195

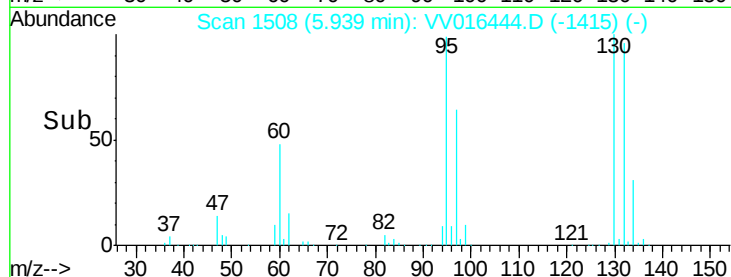
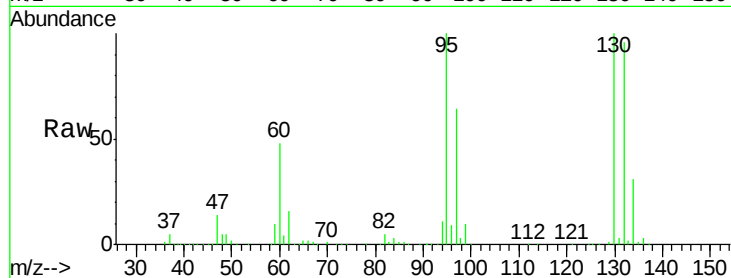
Ion Ratio Lower Upper

95 100

97 64.6 42.8 79.6

132 96.3 65.6 121.8

130 100.3 69.0 128.1



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): V

Ion 130.00 (129.70 to 130.70): V

