

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016976.D
 Acq On : 18 Jun 2020 14:01
 Operator : SY/MD
 Sample : L3039-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M11

Quant Time: Jun 19 05:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88475	35.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.24%
7) Chloroethane-d5	1.58	69	67602	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.12	63	140584	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.91	46	164038	87.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.97%
24) Chloroform-d	4.38	84	210249	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	5.06	65	162766	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.08	84	432608	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
36) 1,2-Dichloropropane-d6	6.09	67	134337	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.02%
41) Toluene-d8	7.34	98	404377	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	7.64	79	69474	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.11	63	99616	73.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171514	41.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	175812	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

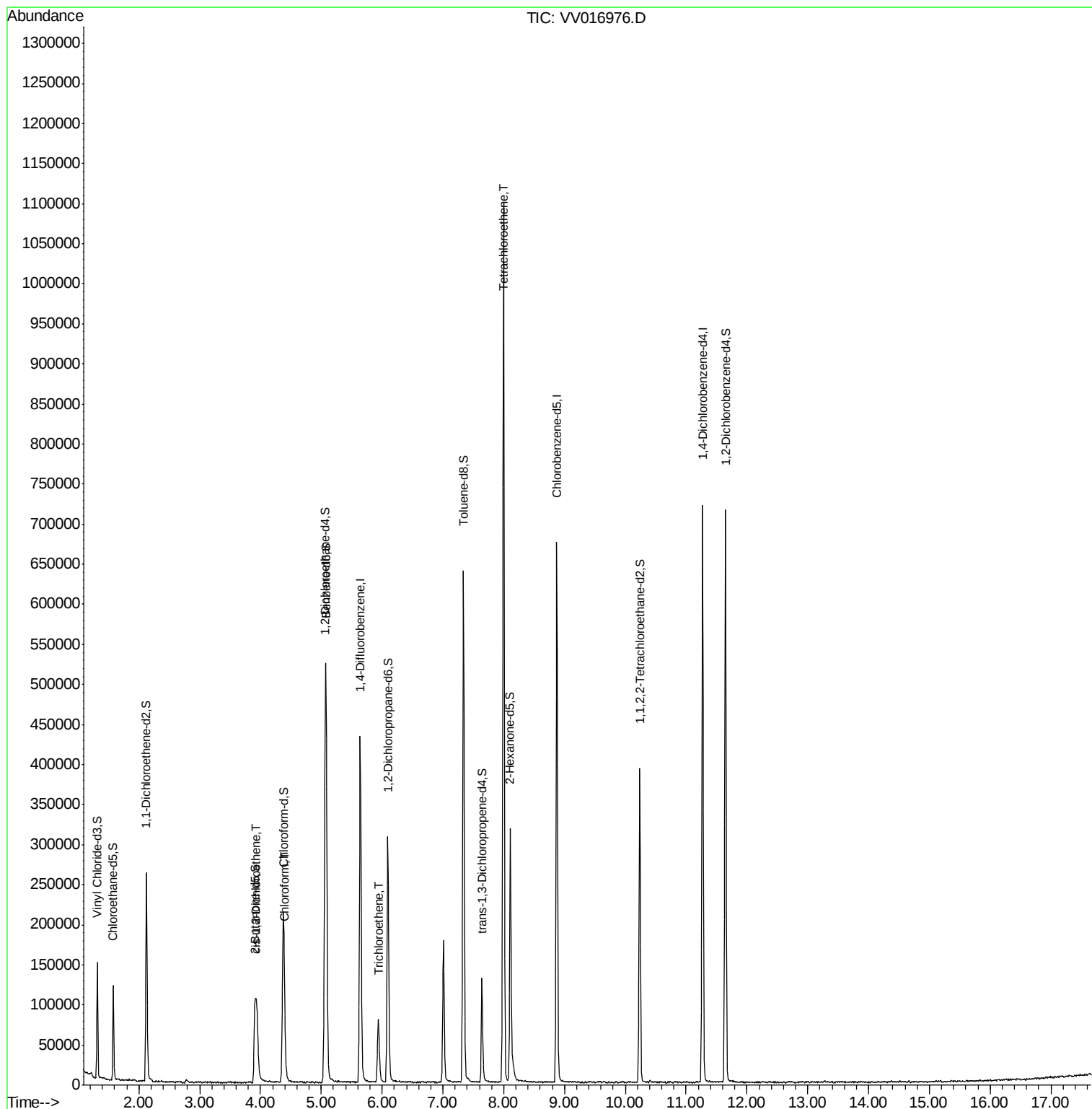
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	37665	14.298 ug/L	97
25) Chloroform	4.40	83	17380	3.718 ug/L	97
34) Trichloroethene	5.94	95	23128	8.385 ug/L	98
46) Tetrachloroethene	8.00	164	236963	109.239 ug/L	98

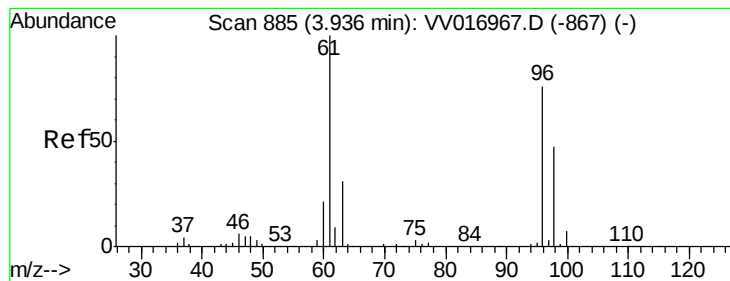
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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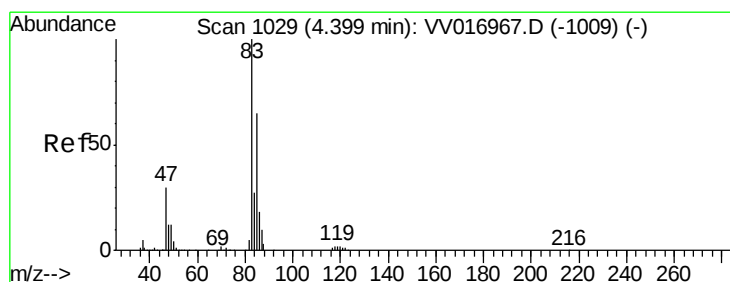
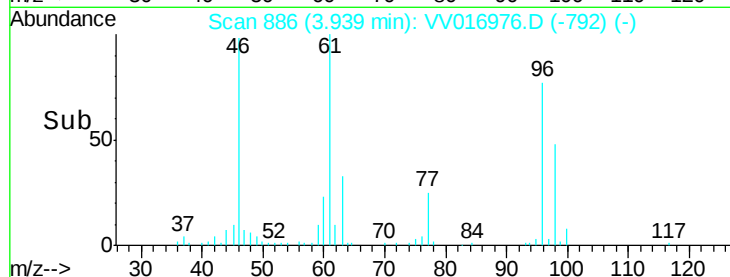
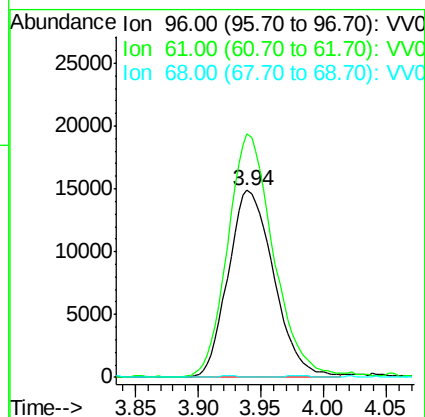
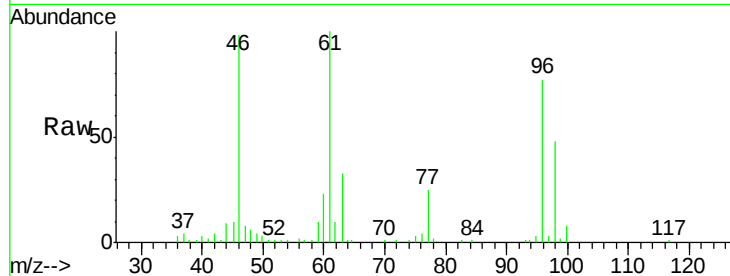


#20

cis-1,2-Dichloroethene
 Concen: 14.298 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016976.D
 Acq: 18 Jun 2020 14:01

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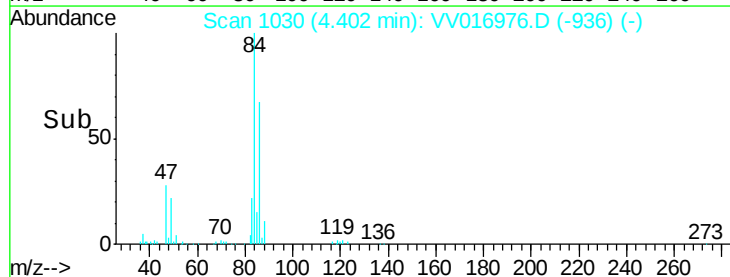
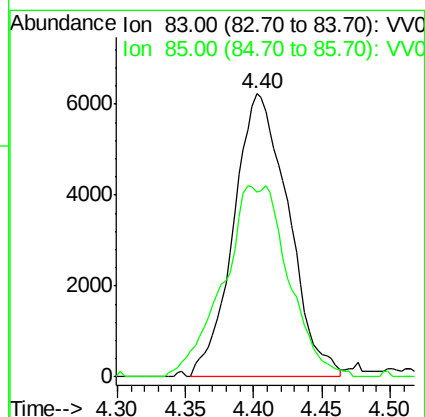
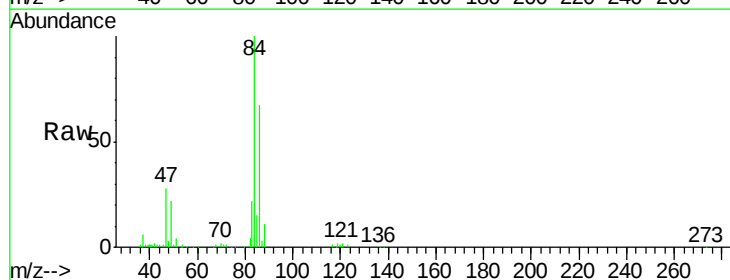
Tot Ion: 96 Resp: 37665
 Ion Ratio Lower Upper
 96 100
 61 130.1 93.4 173.4
 68 0.0 0.0 0.0

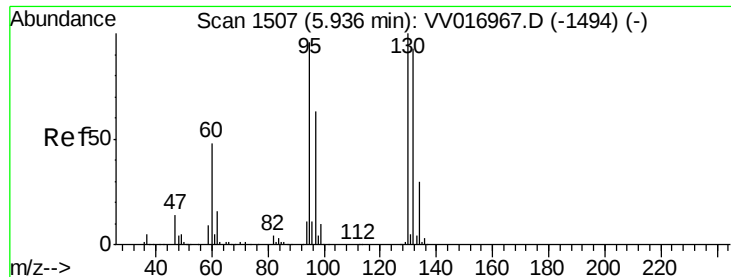


#25

Chloroform
 Concen: 3.718 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV016976.D
 Acq: 18 Jun 2020 14:01

Tgt Ion: 83 Resp: 17380
 Ion Ratio Lower Upper
 83 100
 85 65.4 44.1 81.9

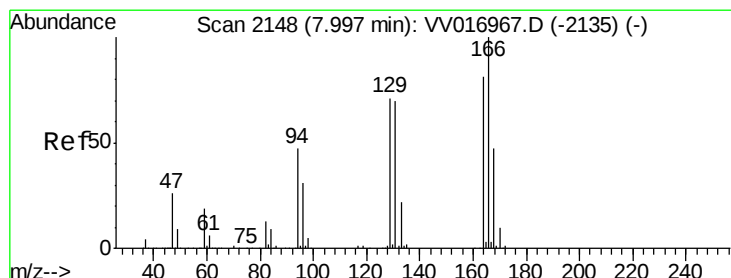
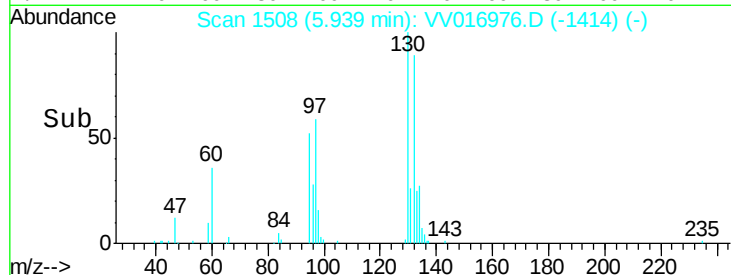
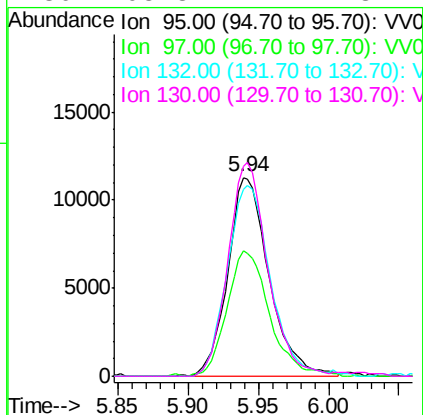
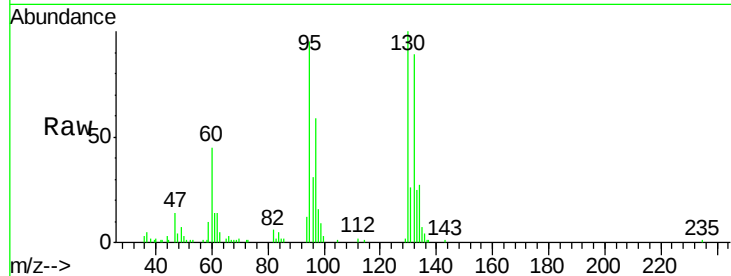




#34
 Trichloroethene
 Concen: 8.385 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
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Tot Ion:	95	Resp:	23128
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.3	82.3
132	94.2	67.9	126.1
130	105.8	72.2	134.2



#46
 Tetrachloroethene
 Concen: 109.239 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016976.D
 Acq: 18 Jun 2020 14:01

Tgt Ion:	164	Resp:	236963
Ion	Ratio	Lower	Upper
164	100		
129	92.2	67.0	124.4
131	91.9	64.8	120.3
166	127.6	90.4	167.8

