

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017819.D
 Acq On : 06 Aug 2020 17:56
 Operator : SY/MD
 Sample : L3590-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L13

Quant Time: Aug 07 06:49:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	232901	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	224971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40208	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	40082	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.12	63	84368	30.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.82%
21) 2-Butanone-d5	3.90	46	76439	89.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.51%
24) Chloroform-d	4.38	84	136957	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.06	65	107750	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	227578	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
36) 1,2-Dichloropropane-d6	6.09	67	62275	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.74%
41) Toluene-d8	7.34	98	227926	43.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.34%
43) trans-1,3-Dichloropropene-	7.64	79	33269	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
47) 2-Hexanone-d5	8.11	63	54668	86.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95351	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	119840	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

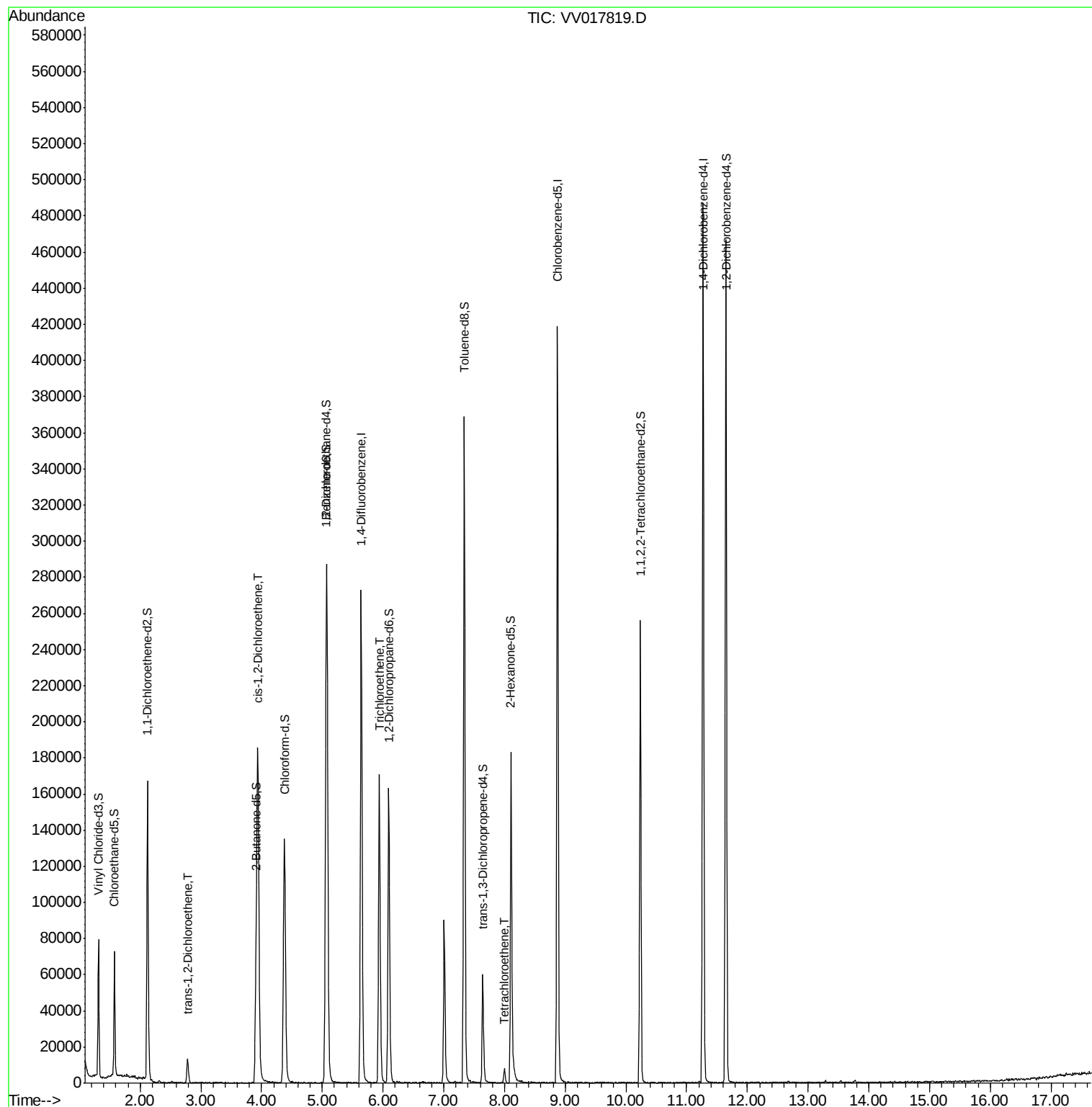
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	4906	3.104 ug/L	90
20) cis-1,2-Dichloroethene	3.94	96	98724	58.478 ug/L	94
34) Trichloroethene	5.94	95	54291	31.306 ug/L	95
46) Tetrachloroethene	8.00	164	1816	1.182 ug/L	75

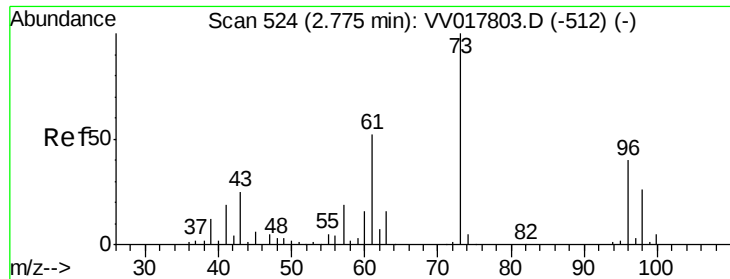
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 3.104 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

Instrument :

MSVOA_V

ClientSampled :

F4L13

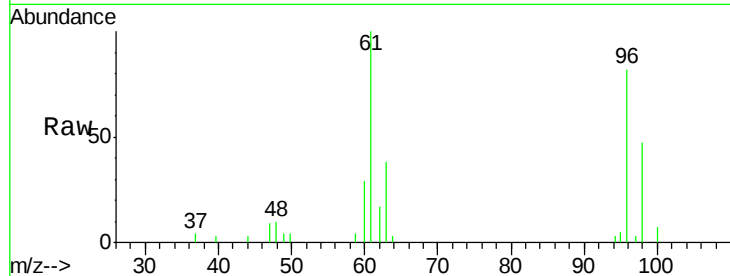
Tot Ion: 96 Resp: 4906

Ion Ratio Lower Upper

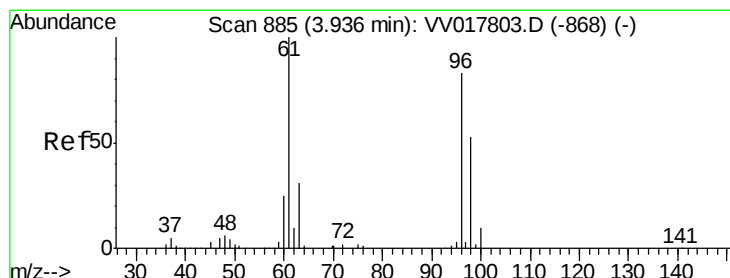
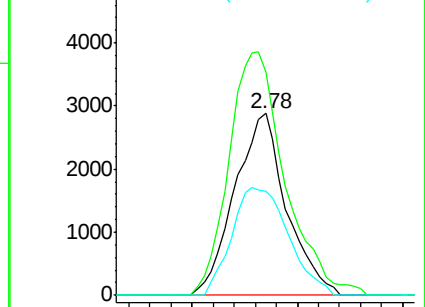
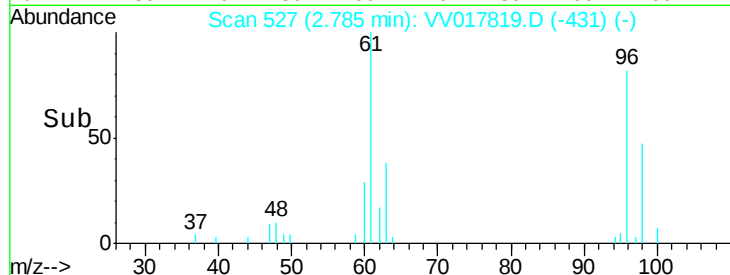
96 100

61 122.4 96.2 178.8

98 57.3 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV017819.D (-431) (-)



#20

cis-1,2-Dichloroethene

Concen: 58.478 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017819.D

Acq: 06 Aug 2020 17:56

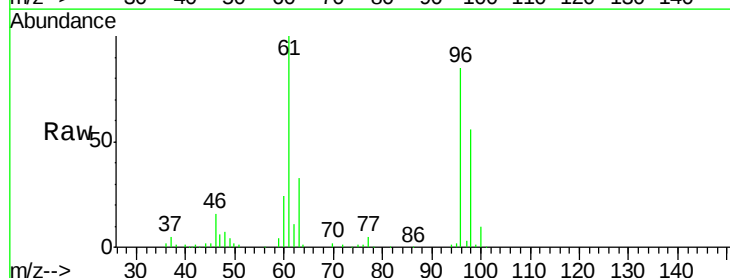
Tgt Ion: 96 Resp: 98724

Ion Ratio Lower Upper

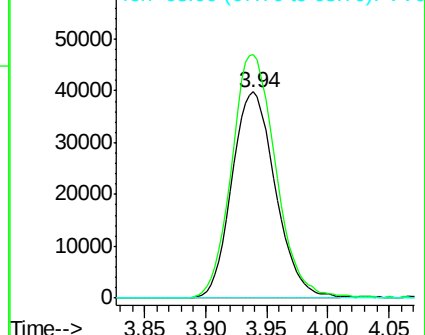
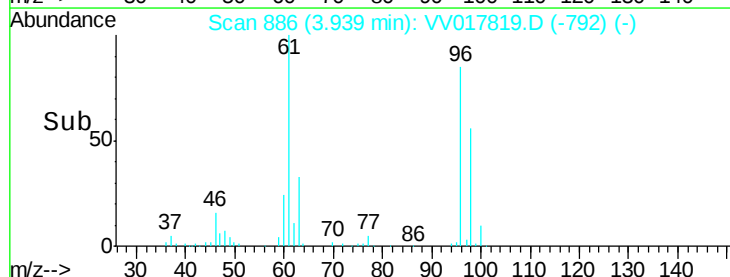
96 100

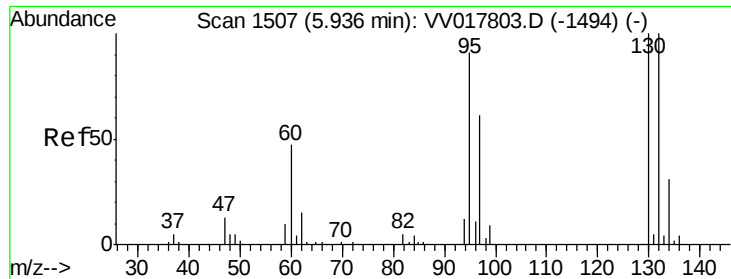
61 118.1 87.3 162.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017819.D (-792) (-)

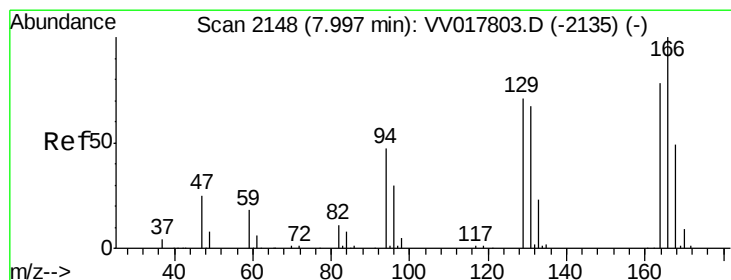
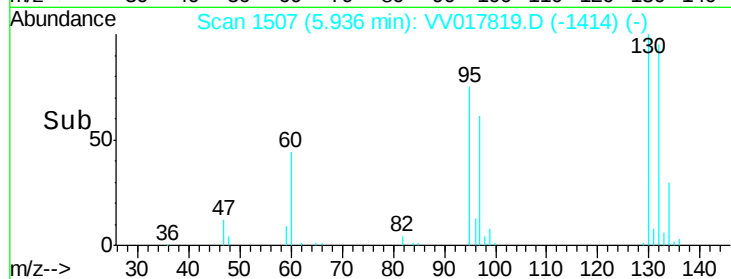
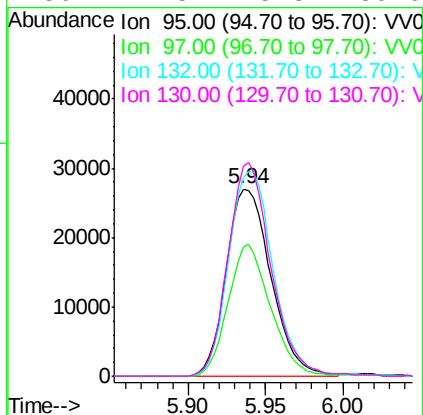
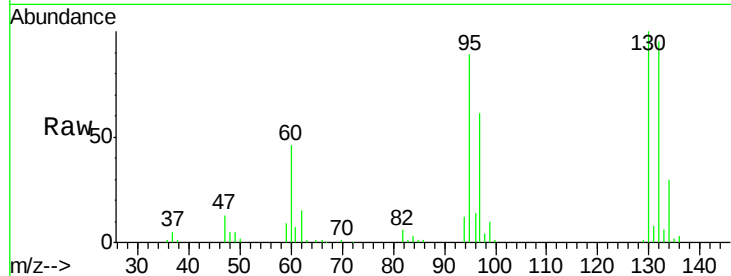




#34
 Trichloroethene
 Concen: 31.306 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017819.D
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Tot Ion: 95 Resp: 54291
 Ion Ratio Lower Upper
 95 100
 97 69.1 45.3 84.1
 132 106.4 71.4 132.6
 130 112.5 75.3 139.9



#46
 Tetrachloroethene
 Concen: 1.182 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017819.D
 Acq: 06 Aug 2020 17:56

Tgt Ion: 164 Resp: 1816
 Ion Ratio Lower Upper
 164 100
 129 76.1 63.9 118.7
 131 63.1 62.6 116.3
 166 93.5 88.3 164.1

