

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018517.D
 Acq On : 29 Sep 2020 15:32
 Operator : SY/MD
 Sample : L4117-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB2

Quant Time: Sep 30 01:51:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91807	53.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.82%
7) Chloroethane-d5	1.58	69	76362	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.46%
11) 1,1-Dichloroethene-d2	2.12	63	138847	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	3.92	46	141248	110.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.17%
24) Chloroform-d	4.38	84	195093	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
26) 1,2-Dichloroethane-d4	5.06	65	132386	56.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.22%
32) Benzene-d6	5.07	84	396256	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.94%
36) 1,2-Dichloropropane-d6	6.09	67	122639	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.62%
41) Toluene-d8	7.34	98	366239	54.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.02%
43) trans-1,3-Dichloropropene-	7.64	79	61088	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.84%
47) 2-Hexanone-d5	8.11	63	83680	101.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151564	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	161829	57.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.70%

Target Compounds

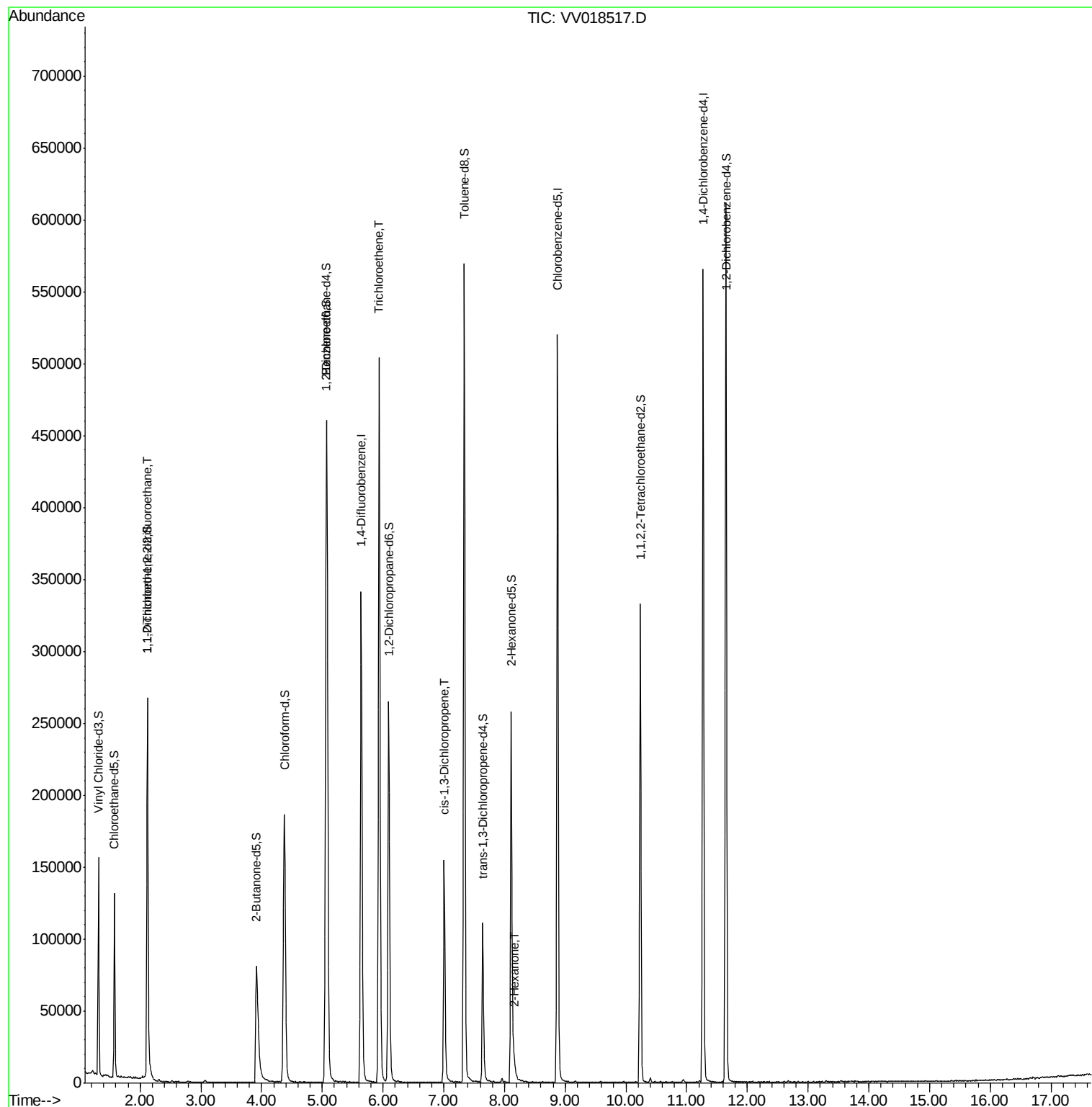
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1608	0.843 ug/L #	17
34) Trichloroethene	5.94	95	165888	68.348 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4067	1.209 ug/L	89
48) 2-Hexanone	8.16	43	6608	3.060 ug/L #	45

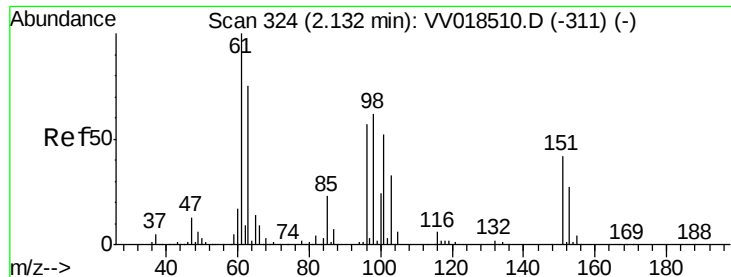
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.843 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018517.D

Acq: 29 Sep 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

E0AB2

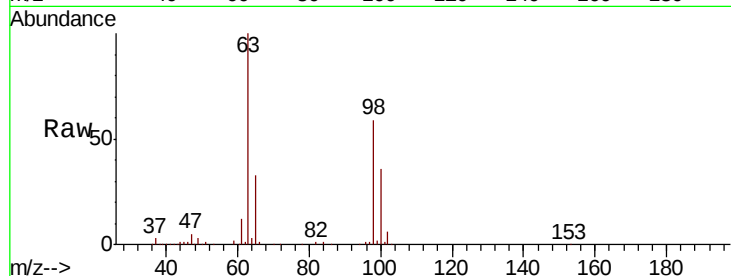
Tot Ion:101 Resp: 1608

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

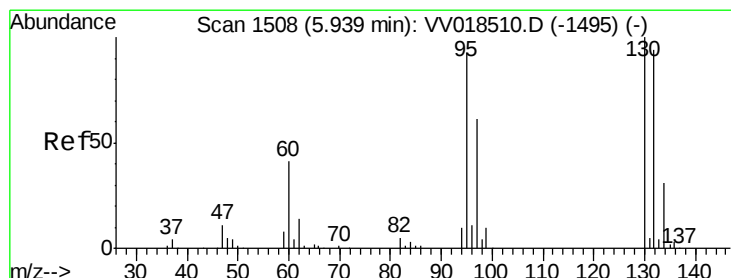
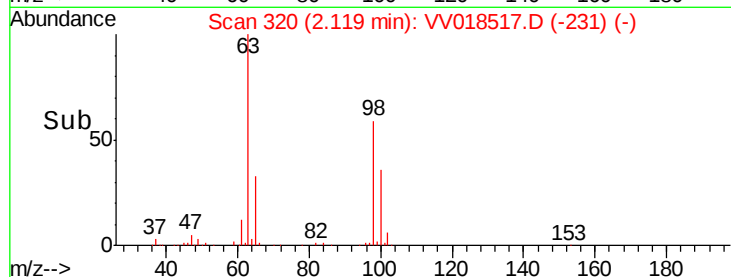
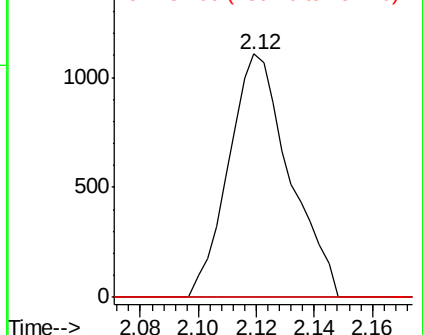
151 0.0 64.3 96.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 68.348 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018517.D

Acq: 29 Sep 2020 15:32

Tgt Ion: 95 Resp: 165888

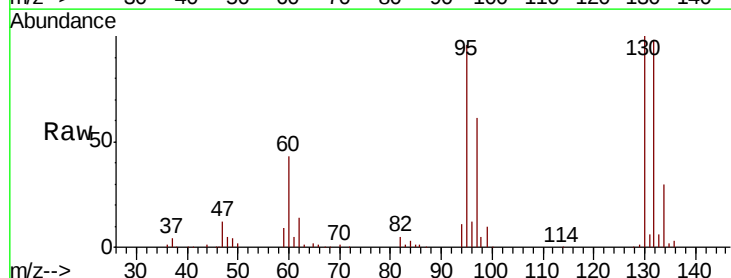
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 102.0 70.8 131.4

130 104.5 75.3 139.8

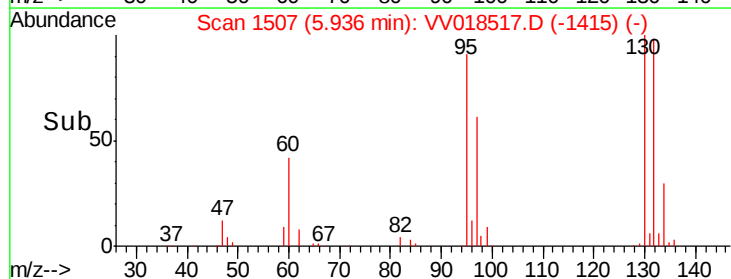
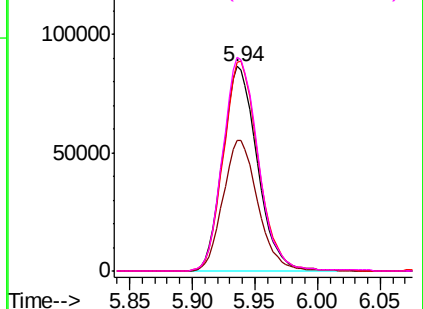


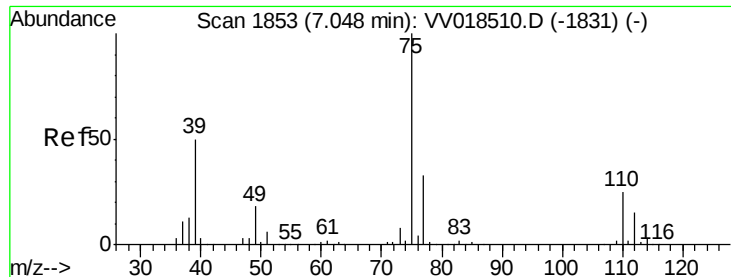
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

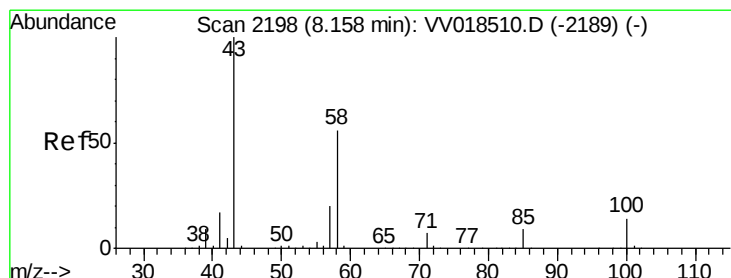
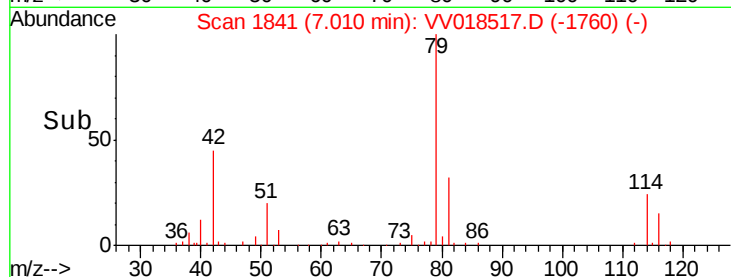
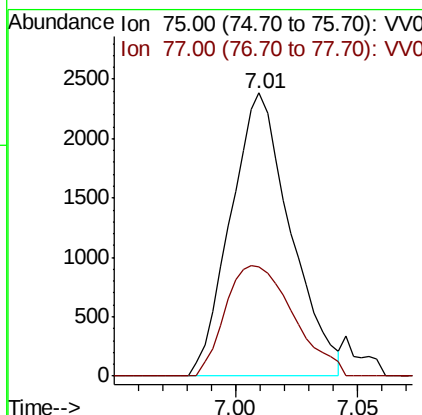
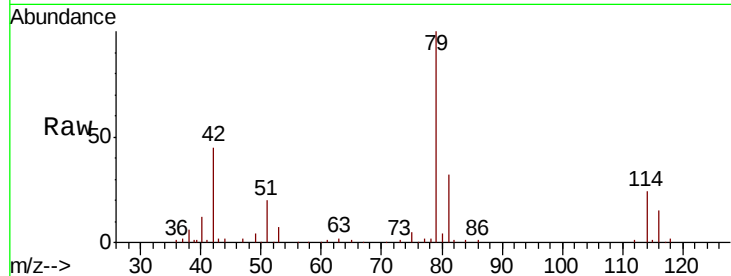




#39
 cis-1,3-Dichloropropene
 Concen: 1.209 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018517.D
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Instrument :
 MSVOA_V
 ClientSampled :
 E0AB2

Tot Ion: 75 Resp: 4067
 Ion Ratio Lower Upper
 75 100
 77 38.8 23.0 42.6



#48
 2-Hexanone
 Concen: 3.060 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018517.D
 Acq: 29 Sep 2020 15:32

Tgt Ion: 43 Resp: 6608
 Ion Ratio Lower Upper
 43 100
 58 5.2 45.1 67.7#
 57 4.7 15.7 23.5#
 100 4.5 11.0 16.4#

