

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019533.D
 Acq On : 11 Dec 2020 00:39
 Operator : SY/MD
 Sample : L4997-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR5

Quant Time: Dec 11 02:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	677376	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	623866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	292326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	199059	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.57	69	170563	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.04%
11) 1,1-Dichloroethene-d2	2.11	63	307061	34.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.12%
21) 2-Butanone-d5	3.90	46	265103	100.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.41%
24) Chloroform-d	4.35	84	399238	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.04	65	283916	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.05	84	803587	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.07	67	256312	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.36%
41) Toluene-d8	7.32	98	719027	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.62	79	136417	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.09	63	202406	98.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.95%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340063	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.63	152	264714	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

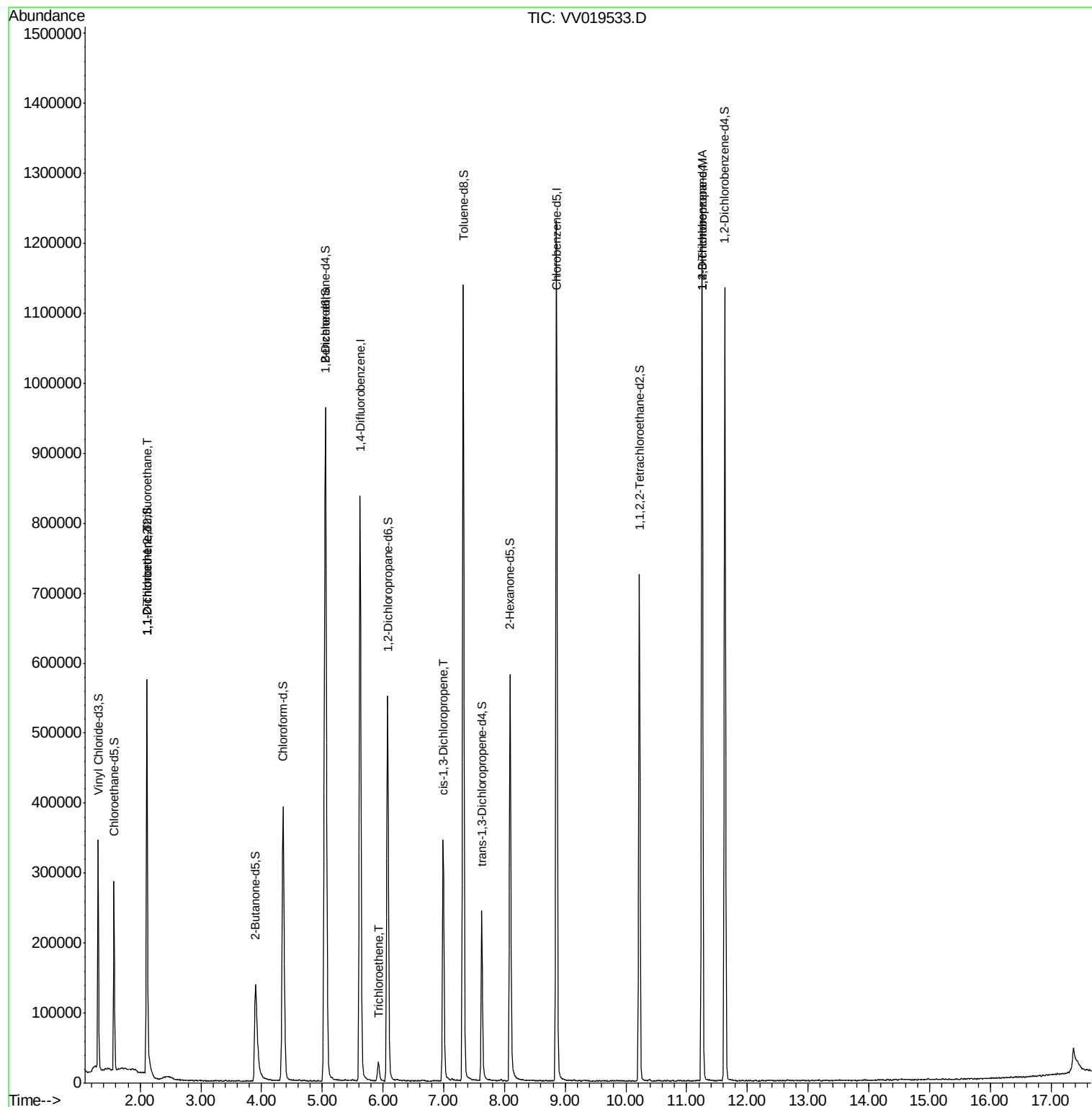
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2665	0.678 ug/L #	27
12) 1,1-Dichloroethene	2.11	96	3642	0.903 ug/L #	1
34) Trichloroethene	5.93	95	8934	1.855 ug/L	92
39) cis-1,3-Dichloropropene	6.99	75	8935	1.130 ug/L #	62
59) 1,2,3-Trichloropropane	11.25	75	38453	6.493 ug/L	89

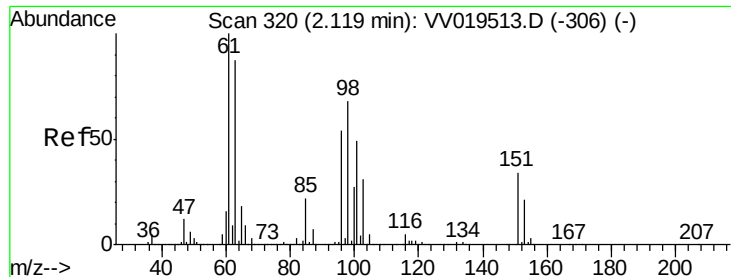
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.678 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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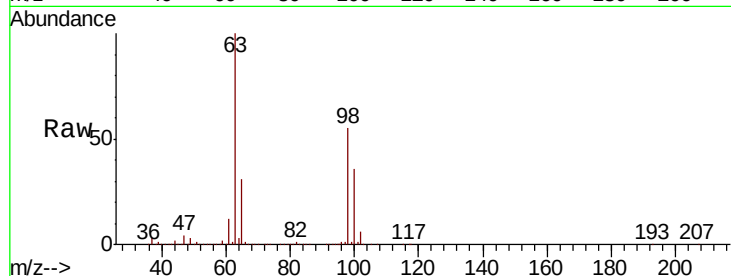
Tot Ion:101 Resp: 2665

Ion Ratio Lower Upper

101 100

85 6.9 35.0 52.4#

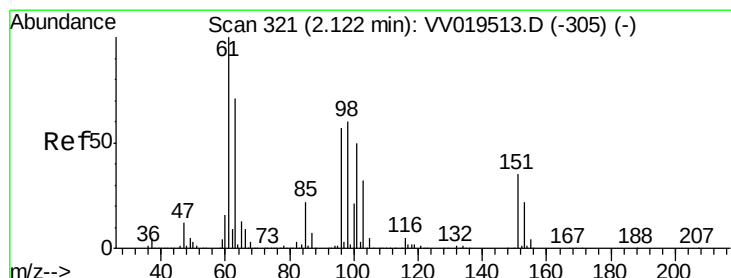
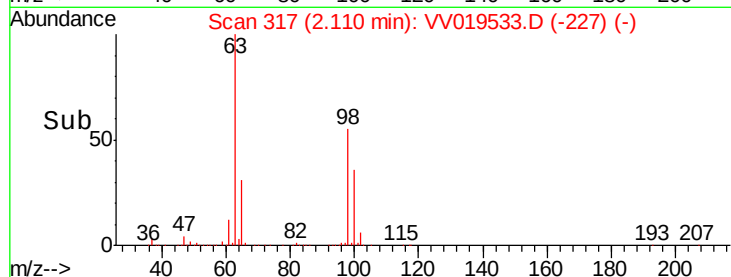
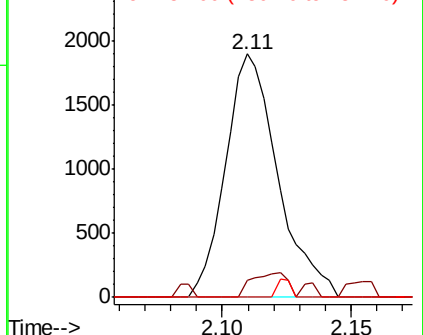
151 2.0 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 0.903 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019533.D

Acq: 11 Dec 2020 00:39

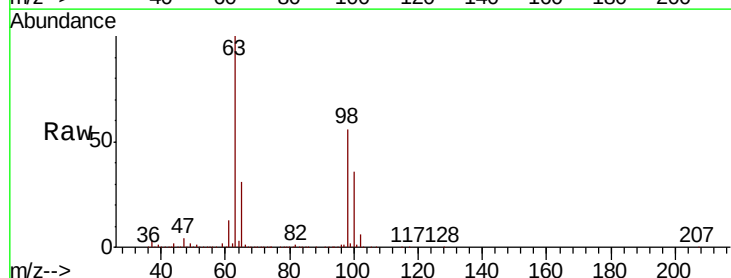
Tgt Ion: 96 Resp: 3642

Ion Ratio Lower Upper

96 100

61 1324.5 120.7 224.1#

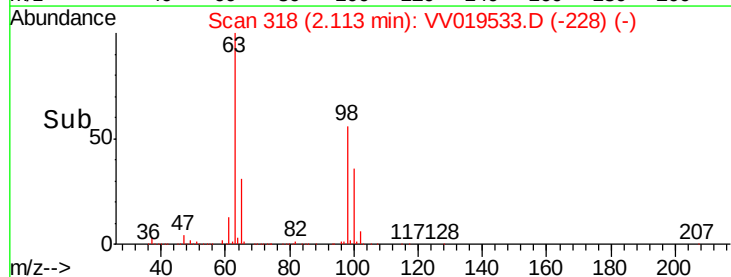
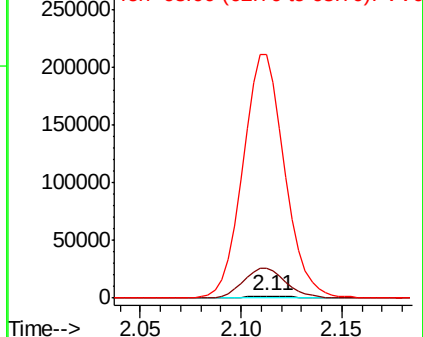
63 10592.9 64.3 119.5#

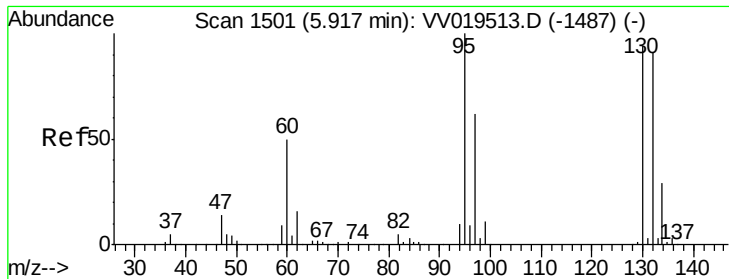


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

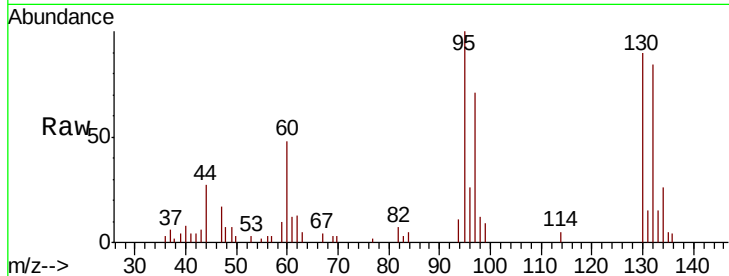




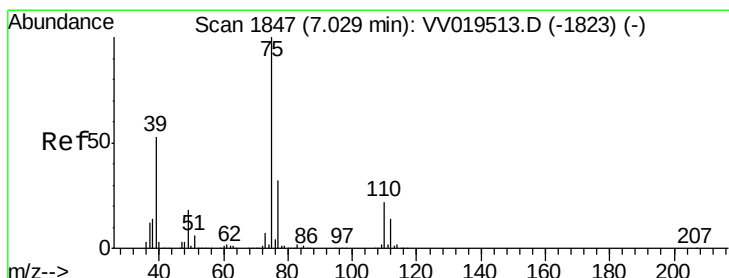
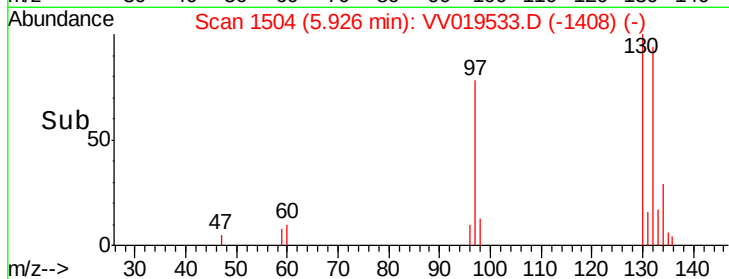
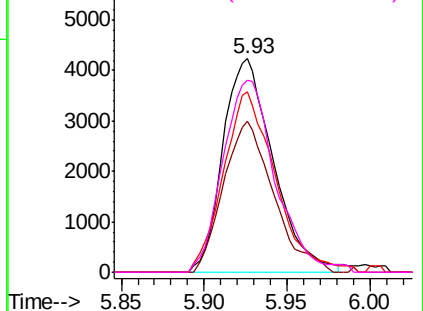
#34
 Trichloroethene
 Concen: 1.855 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019533.D
 Acq: 11 Dec 2020 00:39

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Tot Ion:	95	Resp:	8934
Ion	Ratio	Lower	Upper
95	100		
97	70.6	44.4	82.4
132	84.3	64.3	119.3
130	89.9	67.8	125.8

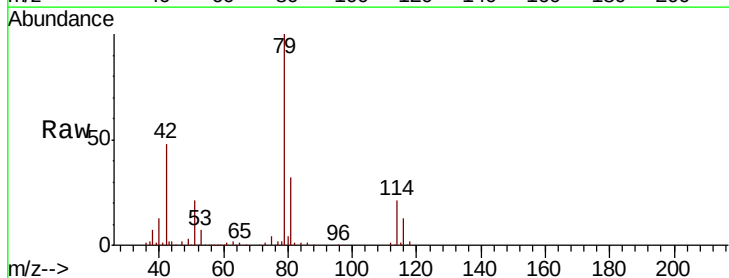


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

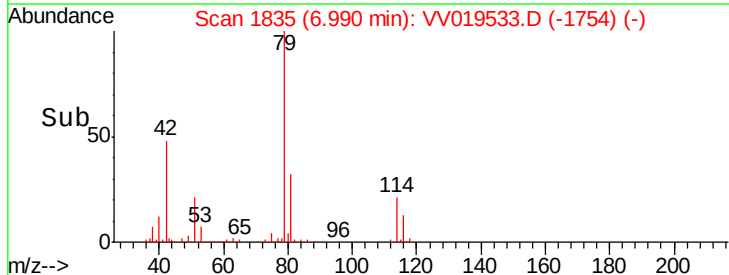
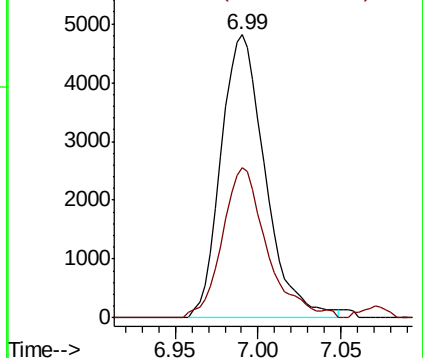


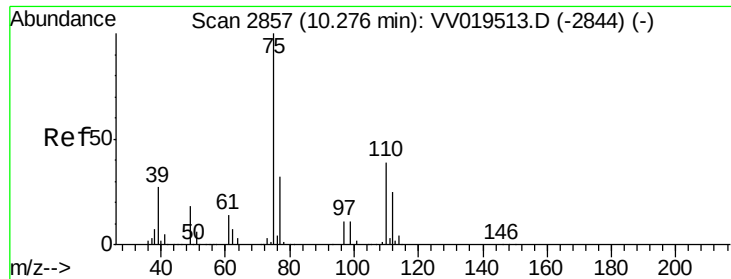
#39
 cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019533.D
 Acq: 11 Dec 2020 00:39

Tgt Ion:	75	Resp:	8935
Ion	Ratio	Lower	Upper
75	100		
77	53.2	22.4	41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.493 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019533.D

Acq: 11 Dec 2020 00:39

Instrument :

MSVOA_V

ClientSampleId :

C0AR5

Tot Ion: 75 Resp: 38453

Ion Ratio Lower Upper

75 100

77 38.6 25.8 38.8

