

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019535.D
 Acq On : 11 Dec 2020 01:27
 Operator : SY/MD
 Sample : L4997-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN5

Quant Time: Dec 11 02:41:15 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	673663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	627575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	291820	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	195845	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.08%
7) Chloroethane-d5	1.57	69	169024	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.11	63	301021	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	3.89	46	249891	95.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.17%
24) Chloroform-d	4.35	84	396746	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.04	65	277724	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.05	84	787880	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
36) 1,2-Dichloropropane-d6	6.07	67	249526	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.18%
41) Toluene-d8	7.32	98	704140	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%
43) trans-1,3-Dichloropropene-	7.62	79	132956	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.09	63	192913	93.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.75%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	328977	46.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.78%
64) 1,2-Dichlorobenzene-d4	11.63	152	261573	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

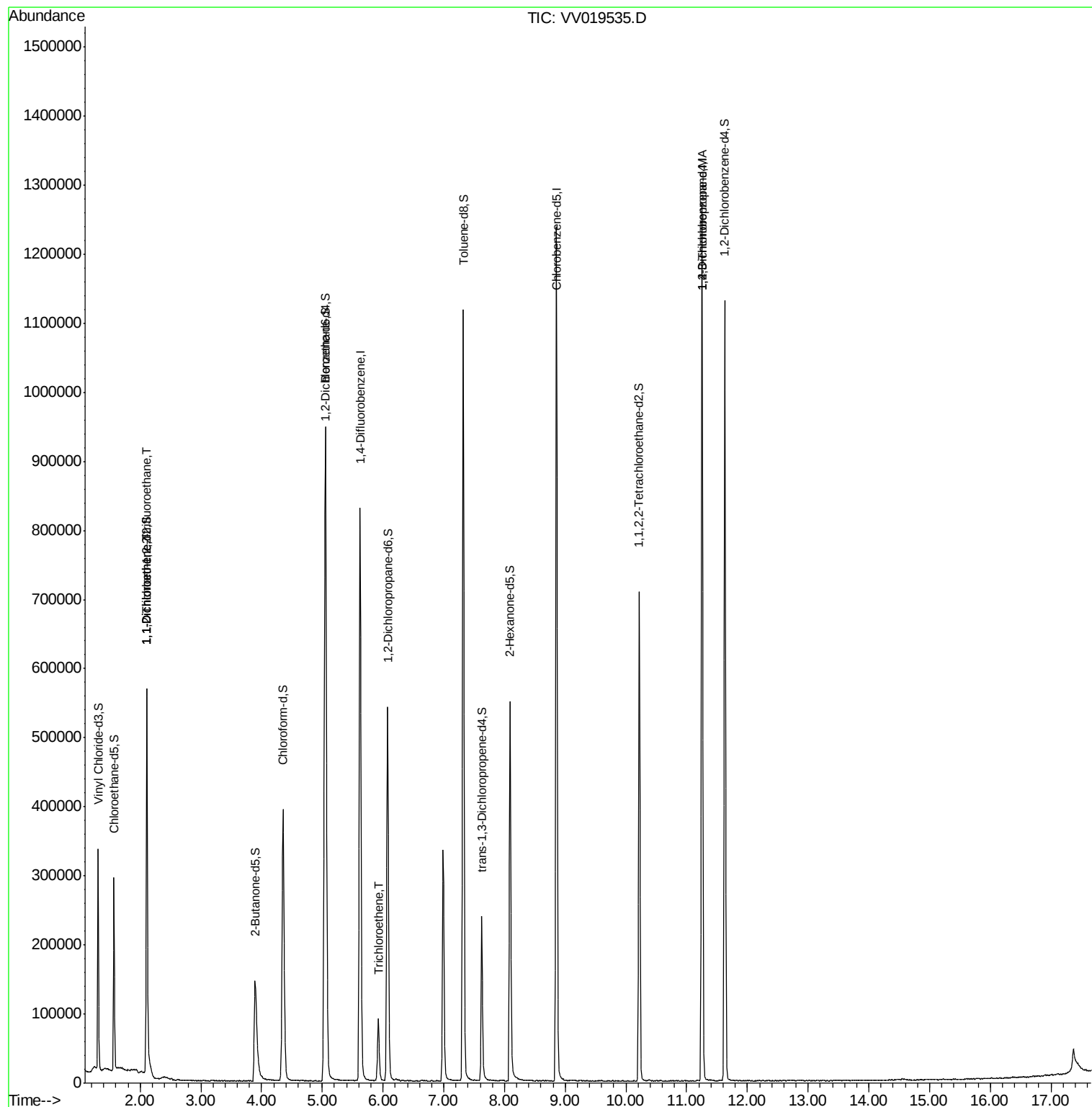
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2648	0.677 ug/L #	24
12) 1,1-Dichloroethene	2.11	96	3550	0.885 ug/L #	1
34) Trichloroethene	5.92	95	31669	6.536 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	39396	6.613 ug/L	89

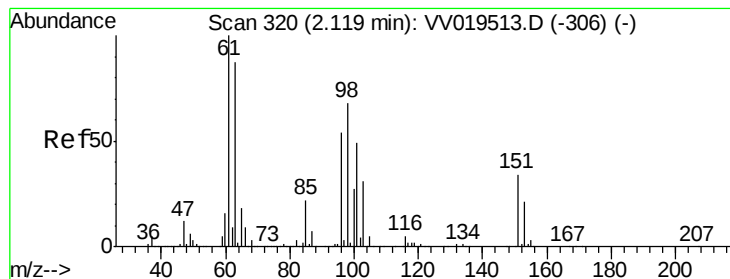
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.677 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019535.D

Acq: 11 Dec 2020 01:27

Instrument :

MSVOA_V

ClientSampleId :

C0AN5

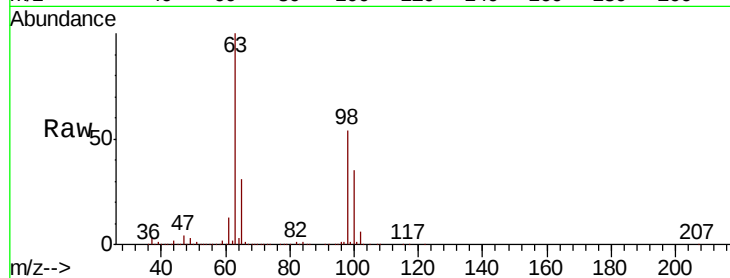
Tot Ion:101 Resp: 2648

Ion Ratio Lower Upper

101 100

85 3.5 35.0 52.4#

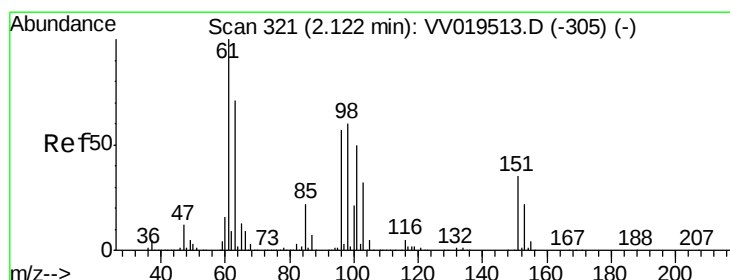
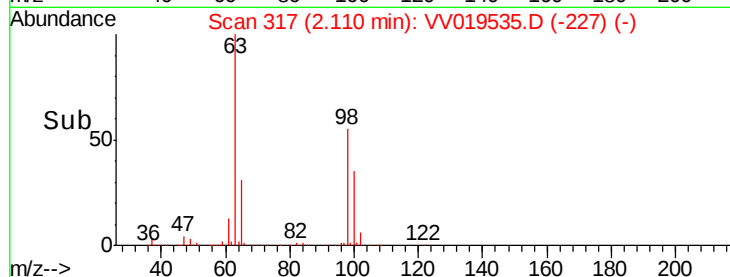
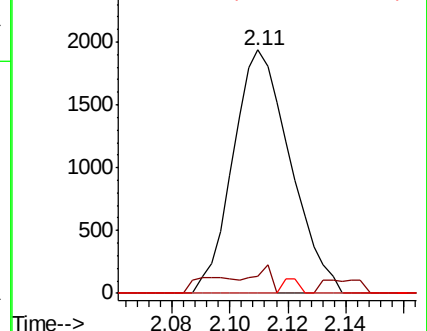
151 0.0 55.8 83.8#



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: 0.885 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019535.D

Acq: 11 Dec 2020 01:27

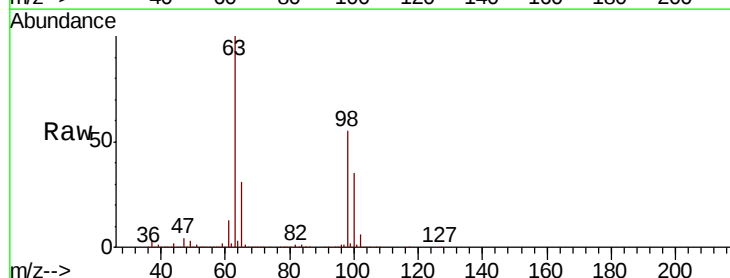
Tgt Ion: 96 Resp: 3550

Ion Ratio Lower Upper

96 100

61 1320.4 120.7 224.1#

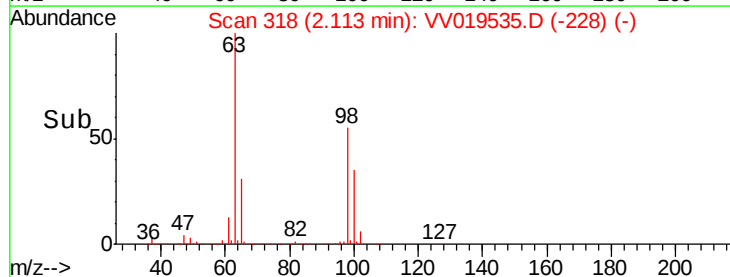
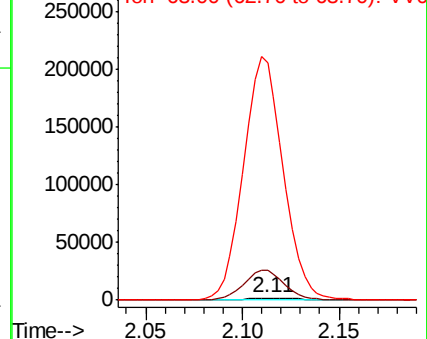
63 10362.8 64.3 119.5#

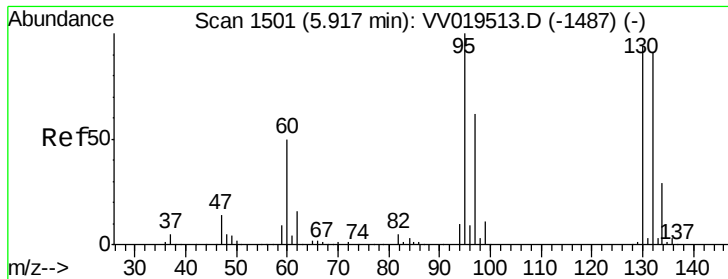


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 6.536 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019535.D

Acq: 11 Dec 2020 01:27

Instrument :

MSVOA_V

ClientSampleId :

C0AN5

Tot Ion: 95 Resp: 31669

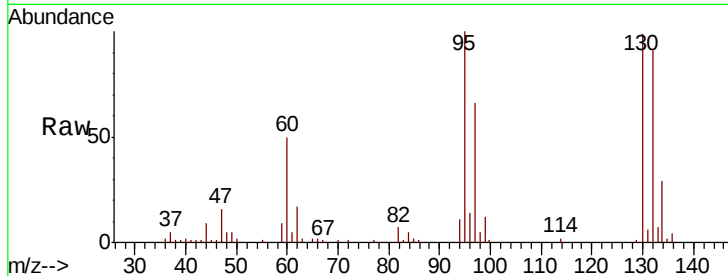
Ion Ratio Lower Upper

95 100

97 65.6 44.4 82.4

132 90.8 64.3 119.3

130 99.0 67.8 125.8

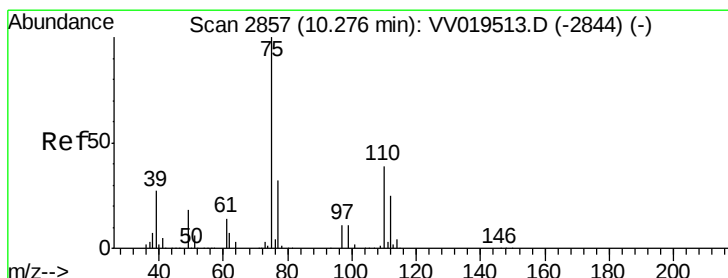
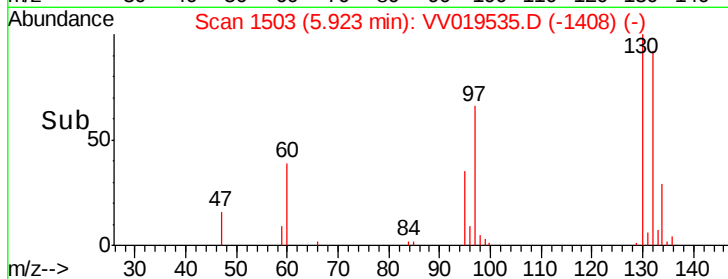
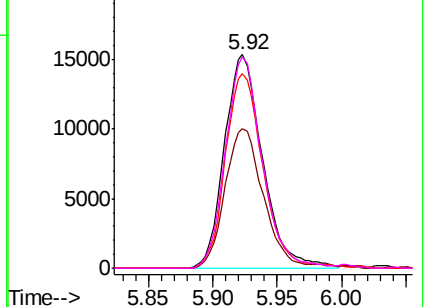


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#59

1,2,3-Trichloropropane

Concen: 6.613 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019535.D

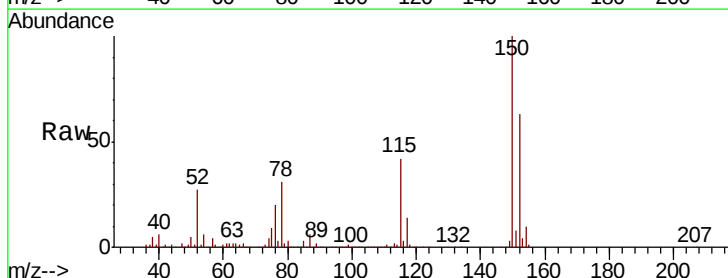
Acq: 11 Dec 2020 01:27

Tgt Ion: 75 Resp: 39396

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

