

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019575.D
 Acq On : 12 Dec 2020 23:40
 Operator : SY/MD
 Sample : L4998-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR9

Quant Time: Dec 13 07:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	620086	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	575463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	261573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	245631	55.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.48%
7) Chloroethane-d5	1.57	69	199236	56.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.62%
11) 1,1-Dichloroethene-d2	2.11	63	353905	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
21) 2-Butanone-d5	3.90	46	284663	117.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.78%
24) Chloroform-d	4.35	84	430256	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
26) 1,2-Dichloroethane-d4	5.04	65	301740	57.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.24%
32) Benzene-d6	5.05	84	865254	56.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.76%
36) 1,2-Dichloropropane-d6	6.07	67	275441	57.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.58%
41) Toluene-d8	7.32	98	767158	55.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.04%
43) trans-1,3-Dichloropropene-	7.62	79	135946	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.42%
47) 2-Hexanone-d5	8.09	63	209773	111.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.17%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	353192	54.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	275870	56.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.84%

Target Compounds

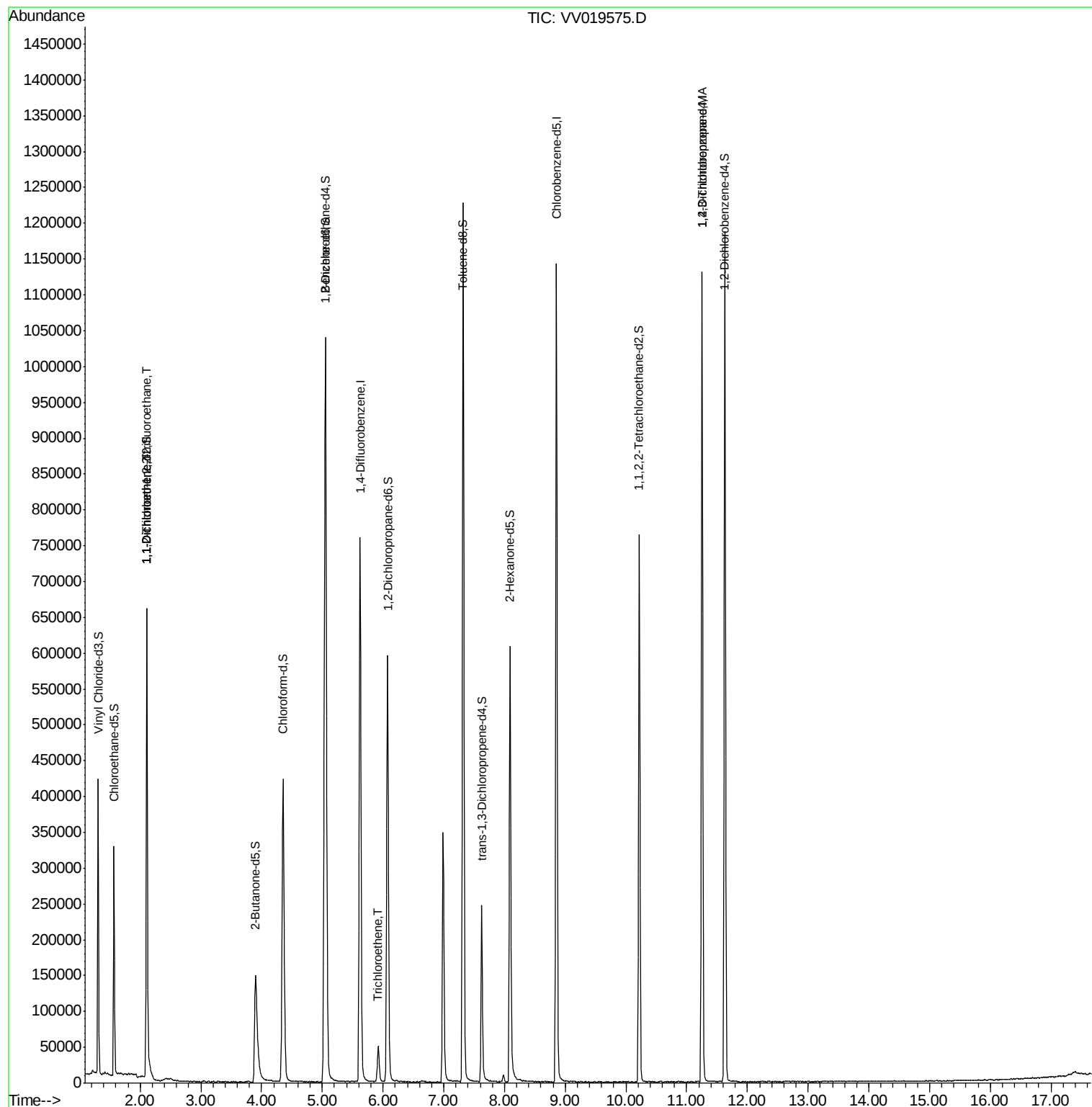
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3024	0.840 ug/L #	25
12) 1,1-Dichloroethene	2.11	96	3749	1.015 ug/L #	1
34) Trichloroethene	5.92	95	16710	3.761 ug/L	97
59) 1,2,3-Trichloropropane	11.25	75	35530	6.504 ug/L	90

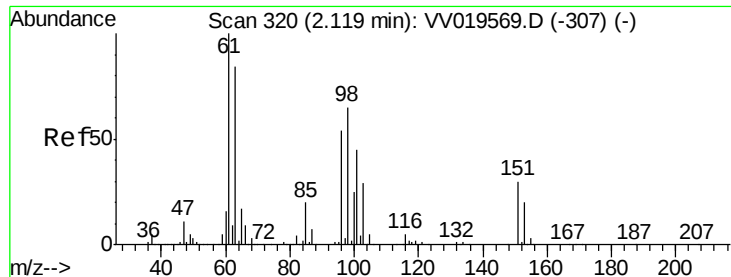
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.840 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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ClientSampleId :

C0AR9

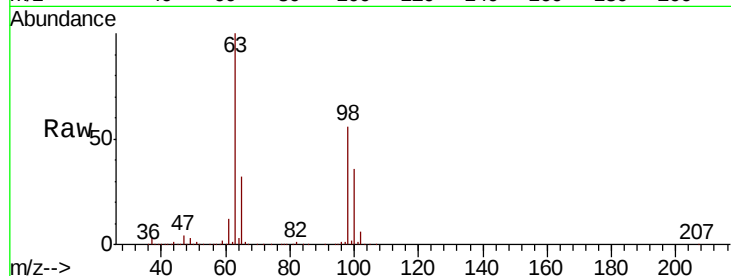
Tot Ion:101 Resp: 3024

Ion Ratio Lower Upper

101 100

85 3.5 35.0 52.4#

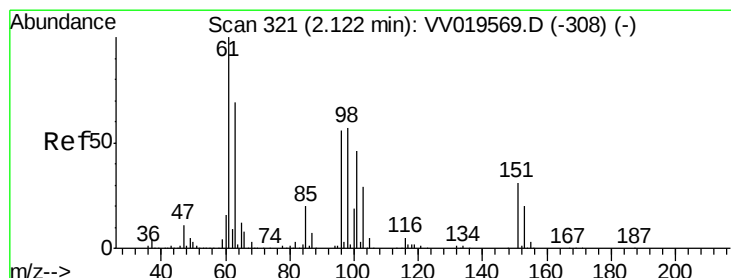
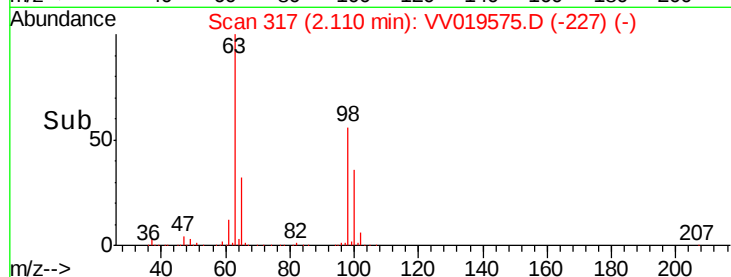
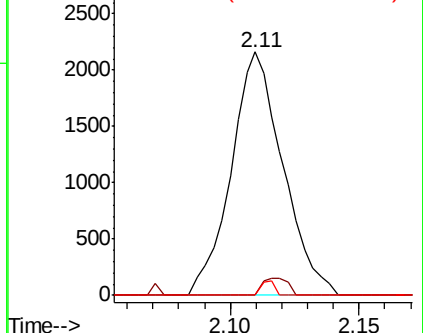
151 1.6 55.8 83.8#



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: 1.015 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019575.D

Acq: 12 Dec 2020 23:40

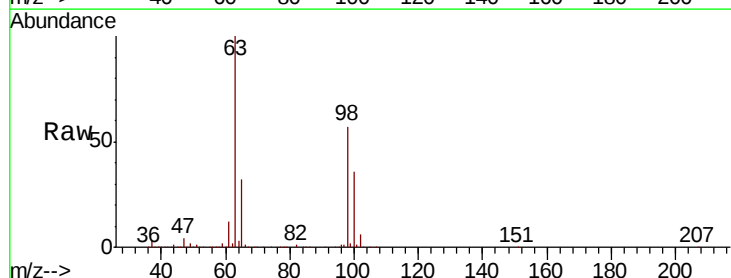
Tgt Ion: 96 Resp: 3749

Ion Ratio Lower Upper

96 100

61 1212.4 120.7 224.1#

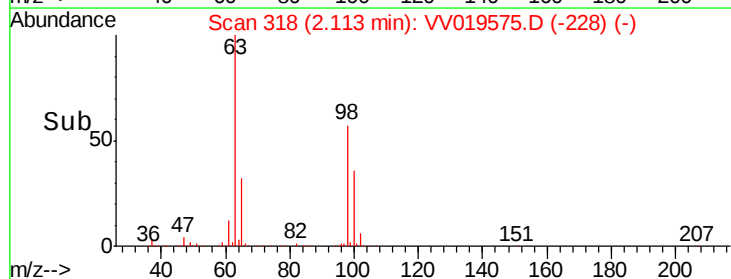
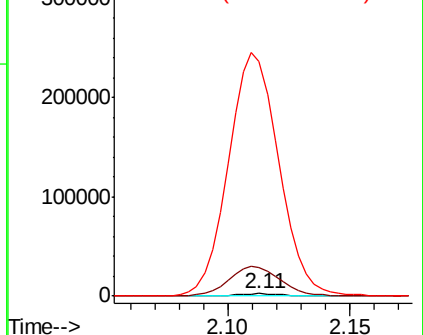
63 9786.8 64.3 119.5#

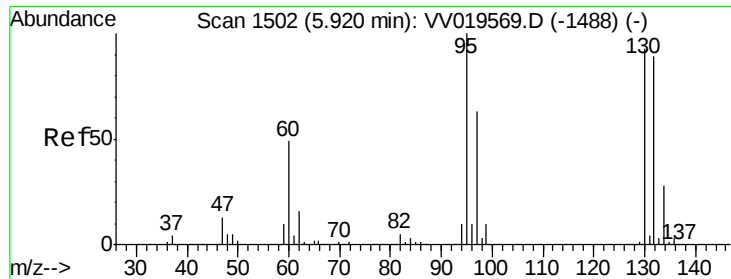


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 3.761 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.00 min

Lab File: VV019575.D

Acq: 12 Dec 2020 23:40

Instrument :

MSVOA_V

ClientSampleId :

C0AR9

Tot Ion: 95 Resp: 16710

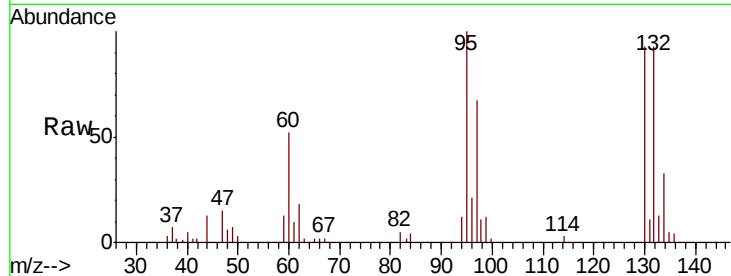
Ion Ratio Lower Upper

95 100

97 67.3 44.4 82.4

132 93.2 64.3 119.3

130 93.2 67.8 125.8

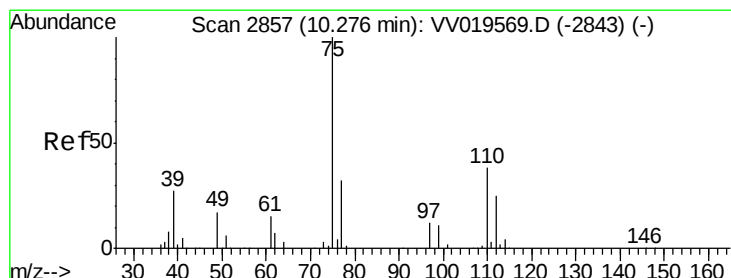
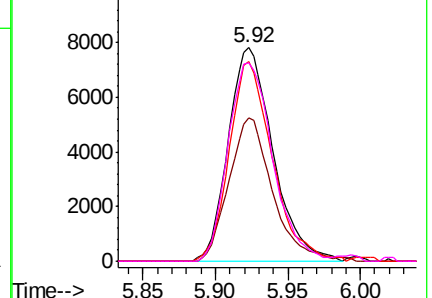
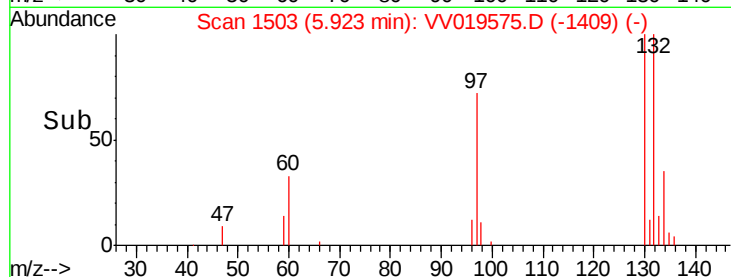


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.504 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019575.D

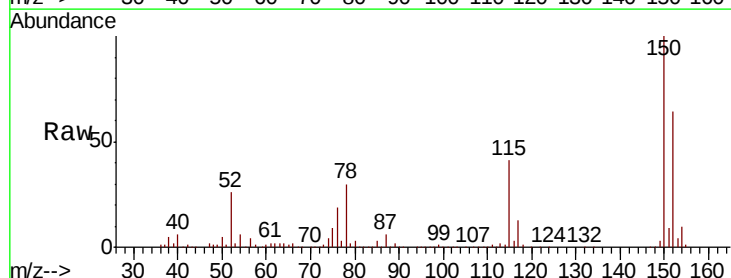
Acq: 12 Dec 2020 23:40

Tgt Ion: 75 Resp: 35530

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

