

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017658.D
 Acq On : 24 Jul 2020 20:12
 Operator : SY/MD
 Sample : L3446-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C47

Quant Time: Jul 25 02:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	155971	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149855	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34651	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	29510	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	65889	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.95	46	76982	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	4.38	84	89423	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	47076	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	158789	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.10	67	45138	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	147806	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
45) trans-1,3-Dichloropropene-	7.65	79	18807	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
48) 2-Hexanone-d5	8.11	63	52208	40.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29213	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	58554	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

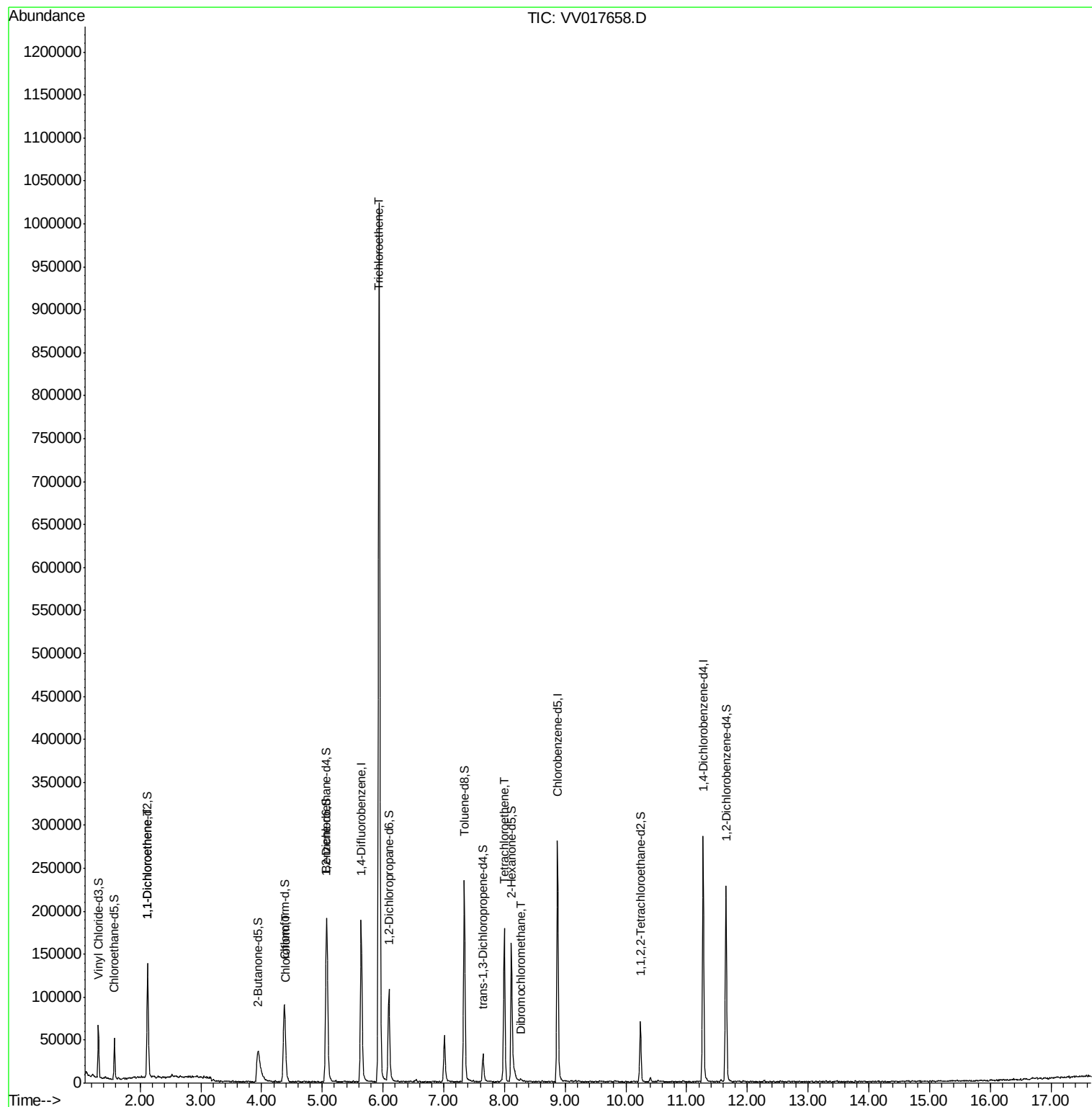
					Ovalue
12) 1,1-Dichloroethene	2.13	96	11326	1.348 ug/L	# 7
25) Chloroform	4.40	83	6066	0.281 ug/L	97
34) Trichloroethene	5.94	95	335123	28.284 ug/L	99
49) Tetrachloroethene	8.00	164	39577	3.789 ug/L	95
51) Dibromochloromethane	8.28	129	1120	0.116 ug/L	86

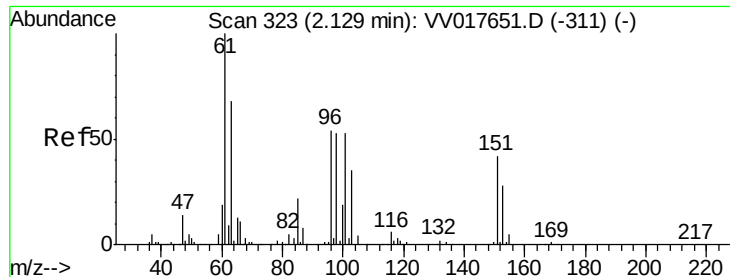
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.348 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

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F4C47

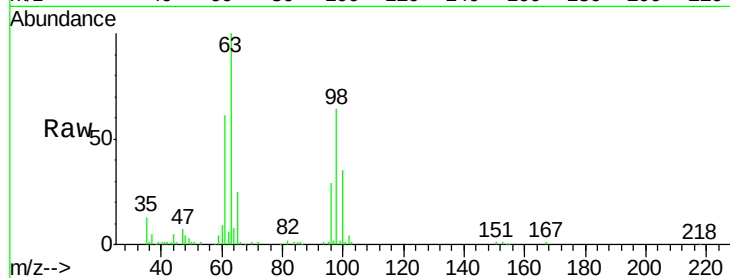
Tot Ion: 96 Resp: 11326

Ion Ratio Lower Upper

96 100

61 210.8 123.1 228.7

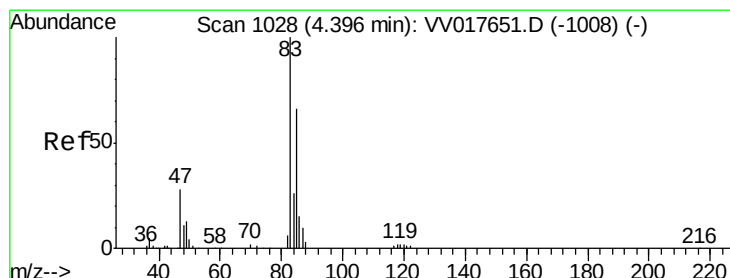
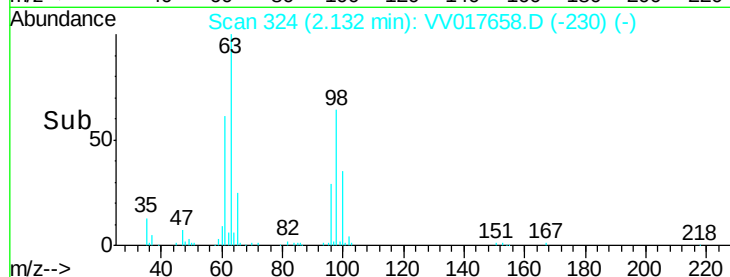
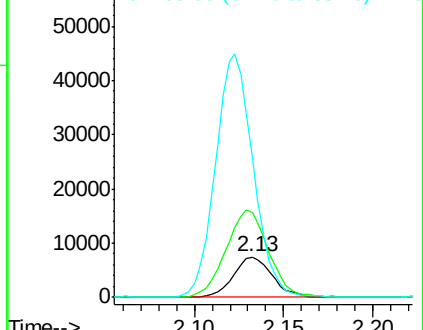
63 346.7 91.2 169.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#25

Chloroform

Concen: 0.281 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV017658.D

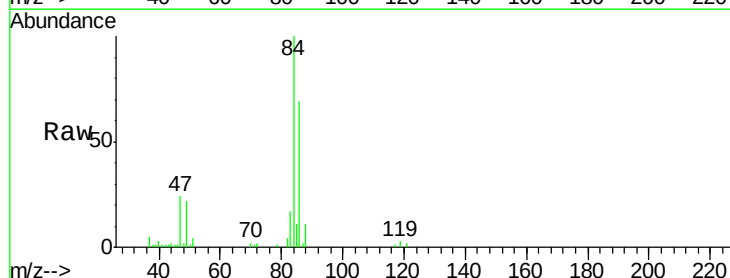
Acq: 24 Jul 2020 20:12

Tgt Ion: 83 Resp: 6066

Ion Ratio Lower Upper

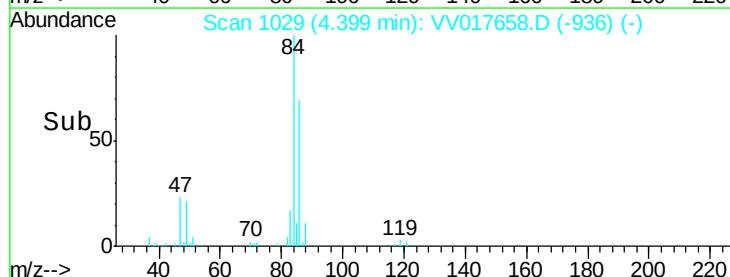
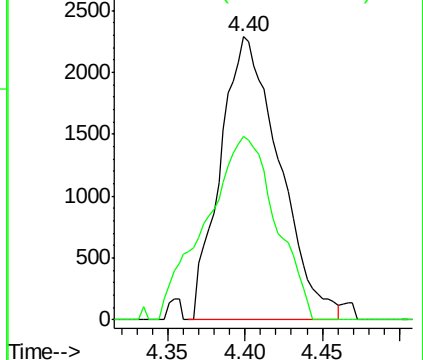
83 100

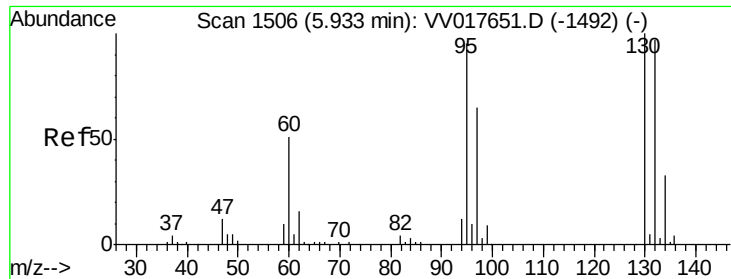
85 64.8 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 28.284 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017658.D

Acq: 24 Jul 2020 20:12

Instrument :

MSVOA_V

ClientSampled :

F4C47

Tot Ion: 95 Resp: 335123

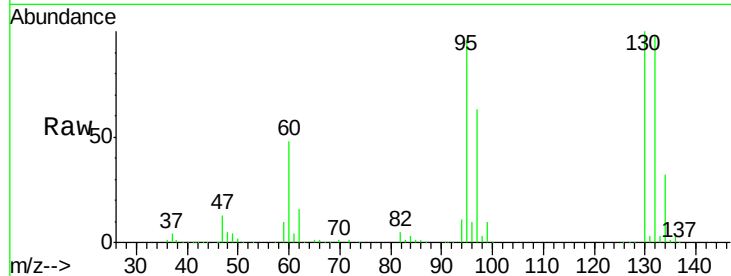
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.5

132 102.4 71.7 133.1

130 104.1 74.3 137.9

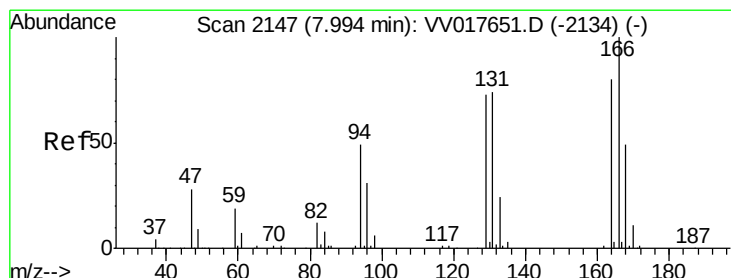
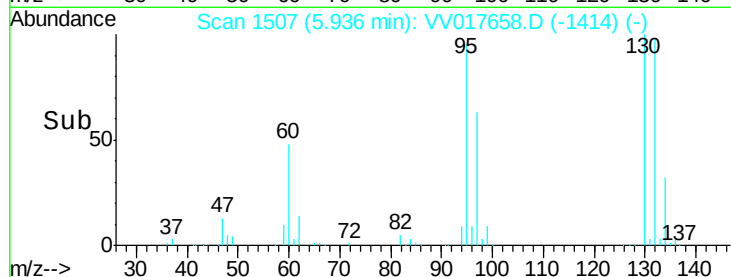
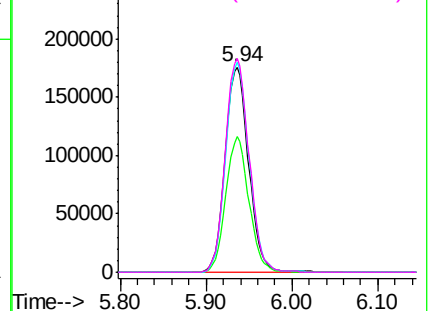


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 3.789 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017658.D

Acq: 24 Jul 2020 20:12

Tgt Ion:164 Resp: 39577

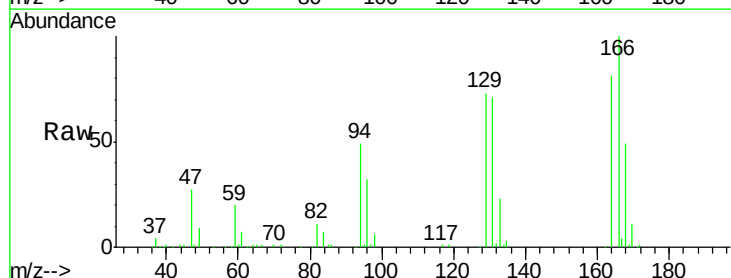
Ion Ratio Lower Upper

164 100

129 90.3 65.0 120.8

131 87.7 63.6 118.2

166 122.9 91.7 170.3

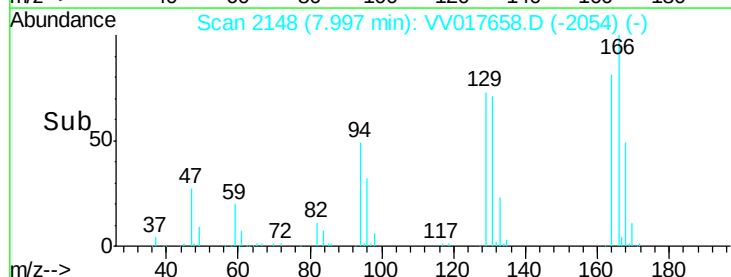
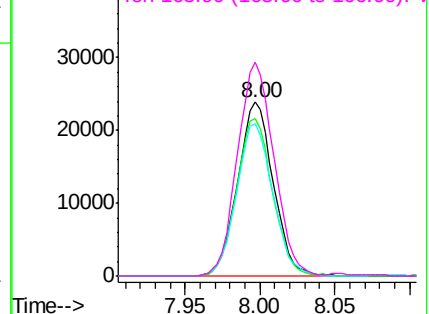


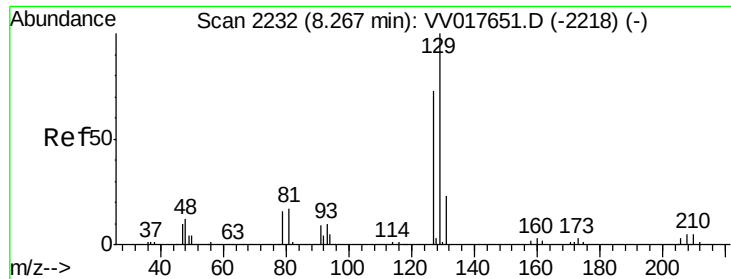
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#51
 Dibromochloromethane
 Concen: 0.116 ug/L
 RT: 8.28 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: VV017658.D
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Instrument :
 MSVOA_V
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 F4C47

Tot Ion:129 Resp: 1120
 Ion Ratio Lower Upper
 129 100
 127 68.2 56.3 104.5

