

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017548.D
 Acq On : 20 Jul 2020 16:36
 Operator : SY/MD
 Sample : L3314-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:46:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301557	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82877	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.54%
7) Chloroethane-d5	1.58	69	57970	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.74%
11) 1,1-Dichloroethene-d2	2.12	63	195456	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
21) 2-Butanone-d5	3.91	46	109946	89.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.96%
24) Chloroform-d	4.38	84	161099	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.06	65	120721	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.07	84	286477	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
36) 1,2-Dichloropropane-d6	6.09	67	85179	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.34	98	266728	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%
43) trans-1,3-Dichloropropene-	7.64	79	47431	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
47) 2-Hexanone-d5	8.11	63	86682	104.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122696	48.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	118113	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%

Target Compounds

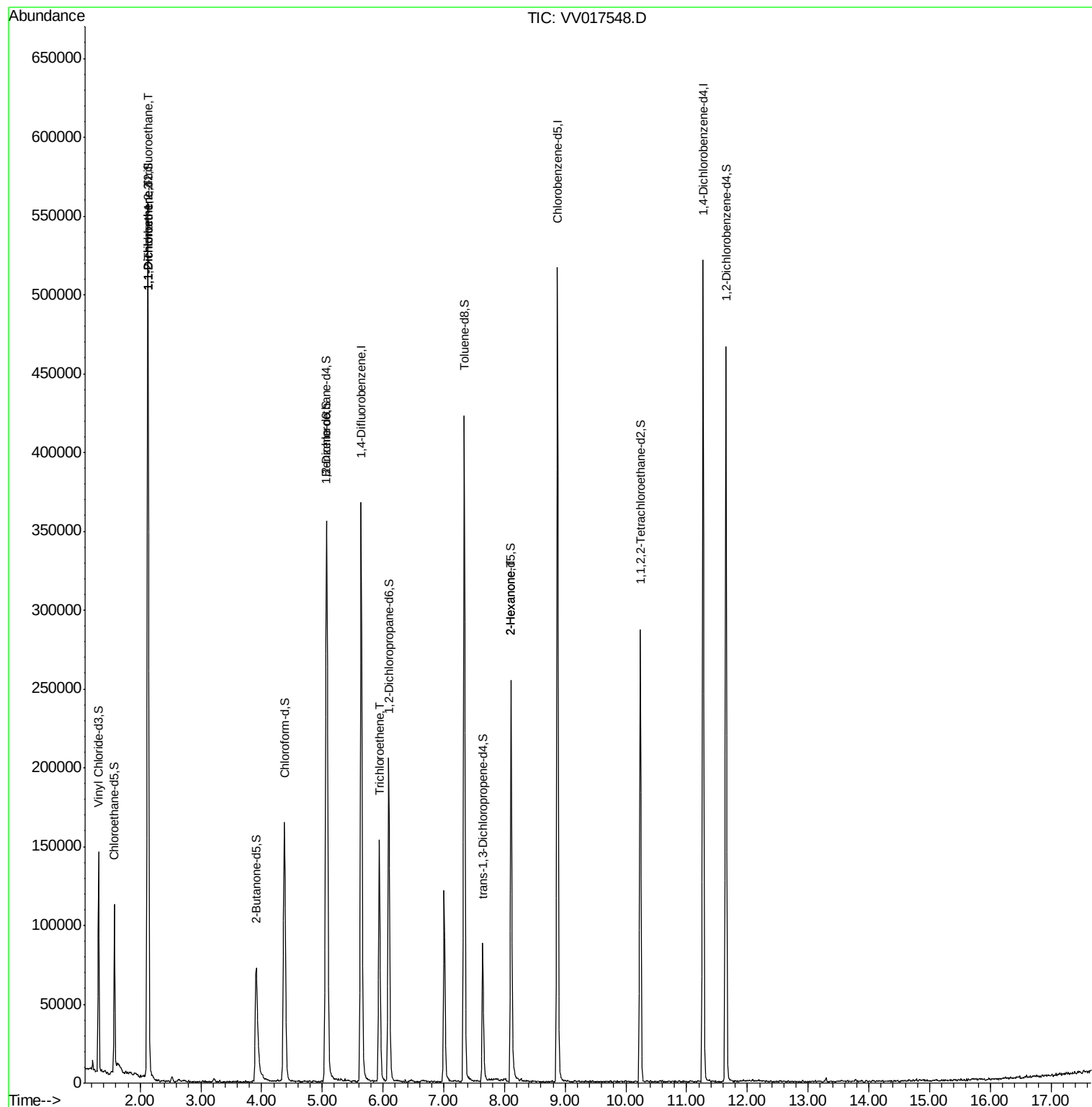
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4122	1.834	ug/L # 72
12) 1,1-Dichloroethene	2.13	96	113084	56.213	ug/L 86
34) Trichloroethene	5.94	95	50472	26.102	ug/L 92
48) 2-Hexanone	8.11	43	11476	5.811	ug/L # 56

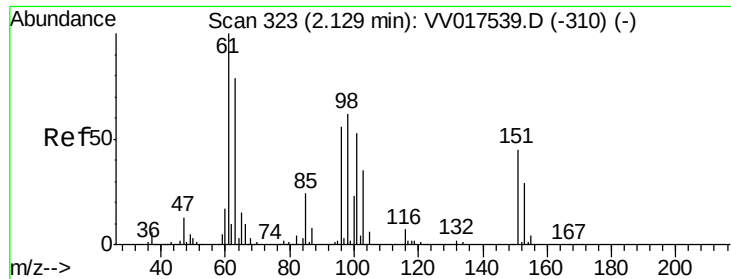
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.834 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017548.D

Acq: 20 Jul 2020 16:36

Instrument :

MSVOA_V

ClientSampled :

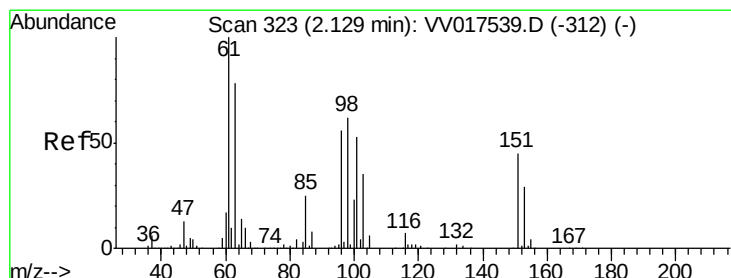
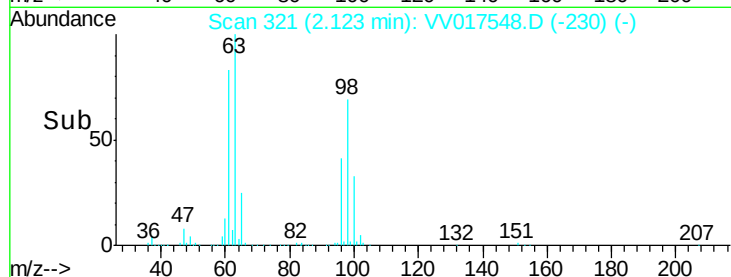
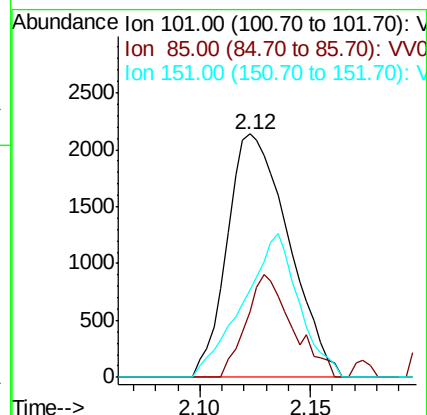
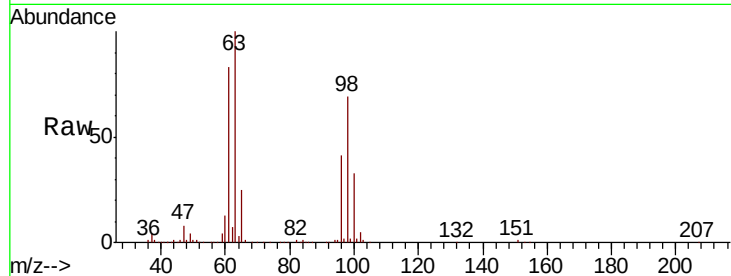
Tot Ion:101 Resp: 4122

Ion Ratio Lower Upper

101 100

85 31.1 36.2 54.4#

151 53.4 65.9 98.9#



#12

1,1-Dichloroethene

Concen: 56.213 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017548.D

Acq: 20 Jul 2020 16:36

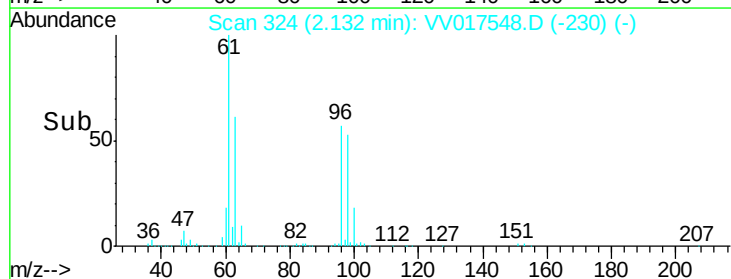
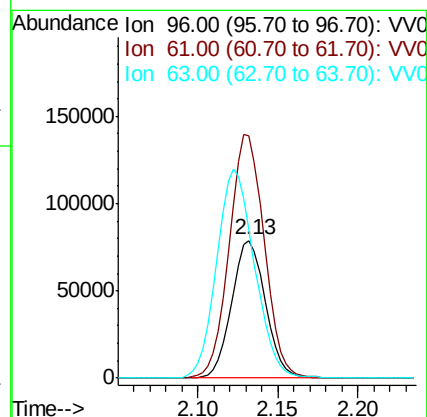
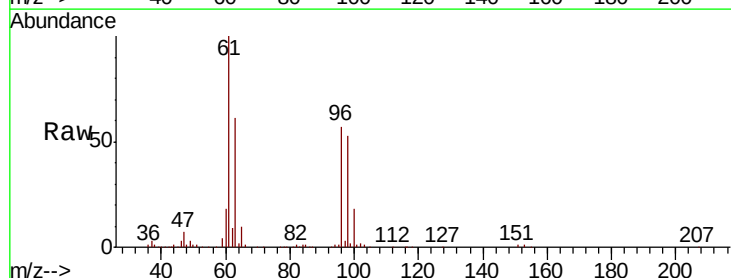
Tgt Ion: 96 Resp: 113084

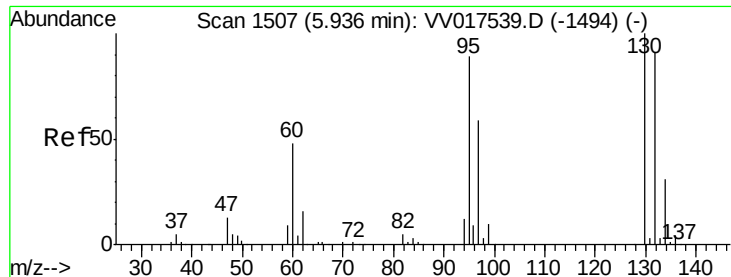
Ion Ratio Lower Upper

96 100

61 176.2 126.0 234.0

63 107.7 99.8 185.4





#34

Trichloroethene

Concen: 26.102 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017548.D

Acq: 20 Jul 2020 16:36

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 50472

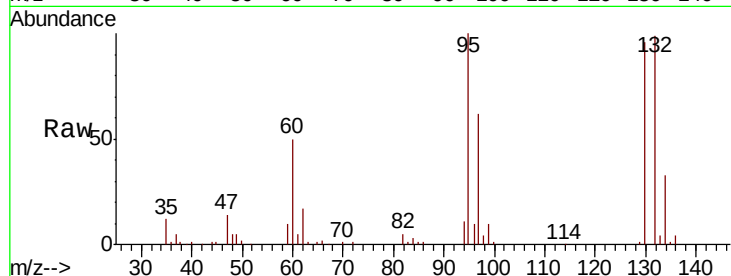
Ion Ratio Lower Upper

95 100

97 61.7 46.1 85.5

132 98.7 71.3 132.3

130 95.9 78.3 145.3

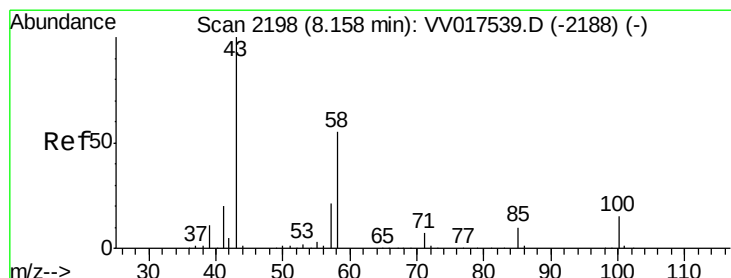
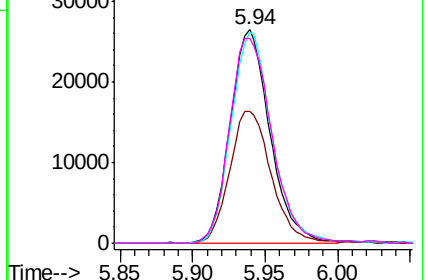
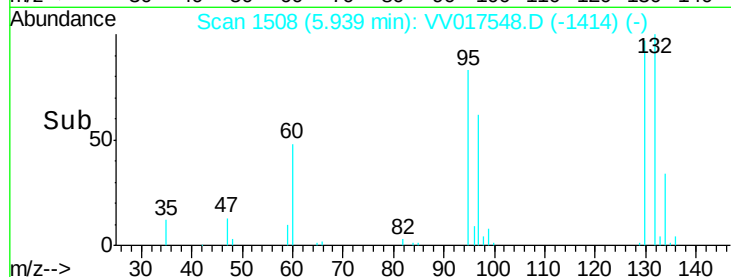


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#48

2-Hexanone

Concen: 5.811 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 11476

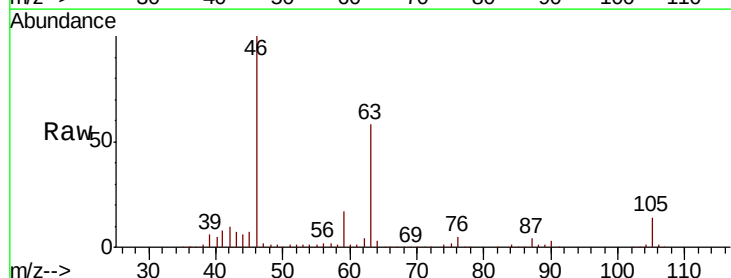
Ion Ratio Lower Upper

43 100

58 11.3 43.3 64.9#

57 26.8 17.2 25.8#

100 0.0 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

