

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017204.D
 Acq On : 27 Jun 2020 01:10
 Operator : SY/MD
 Sample : L3118-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 03:33:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326016	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94864	38.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.62%
7) Chloroethane-d5	1.58	69	65481	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.14%
11) 1,1-Dichloroethene-d2	2.12	63	146331	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.38%
21) 2-Butanone-d5	3.91	46	150400	82.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.05%
24) Chloroform-d	4.38	84	217433	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	5.06	65	158339	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.08	84	407182	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
36) 1,2-Dichloropropane-d6	6.09	67	121896	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.22%
41) Toluene-d8	7.34	98	374652	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.64	79	61281	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
47) 2-Hexanone-d5	8.11	63	96775	75.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159165	41.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	150445	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

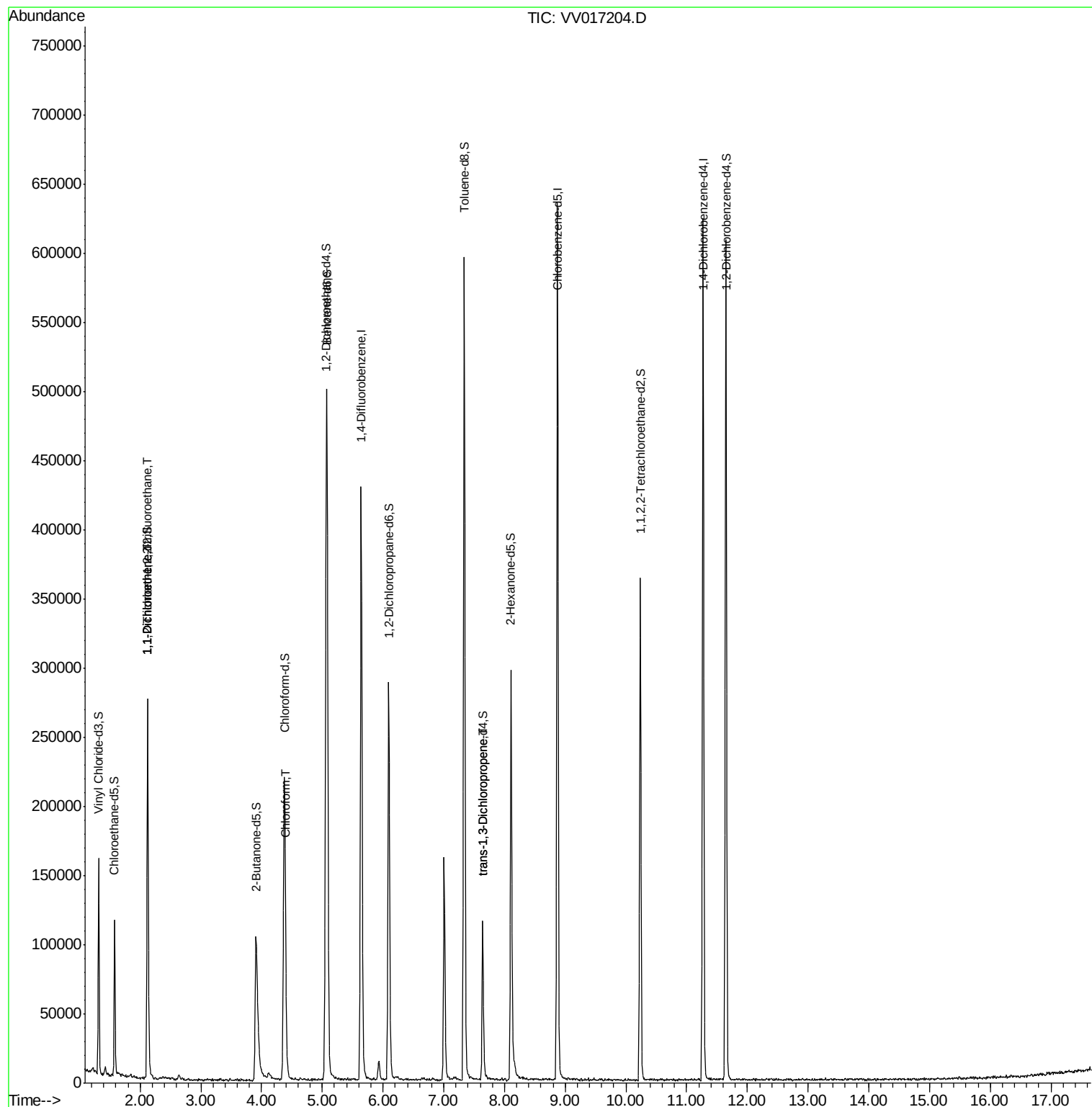
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1207	0.647 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1493	0.857 ug/L #	1
25) Chloroform	4.40	83	8074	1.757 ug/L	88
44) trans-1,3-Dichloropropene	7.64	75	3413	0.901 ug/L	86

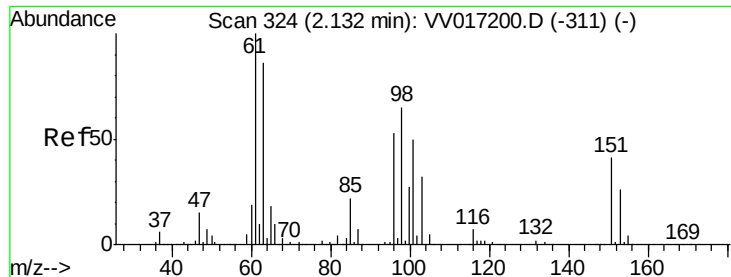
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.647 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017204.D

Acq: 27 Jun 2020 01:10

Instrument :

MSVOA_V

ClientSampleId :

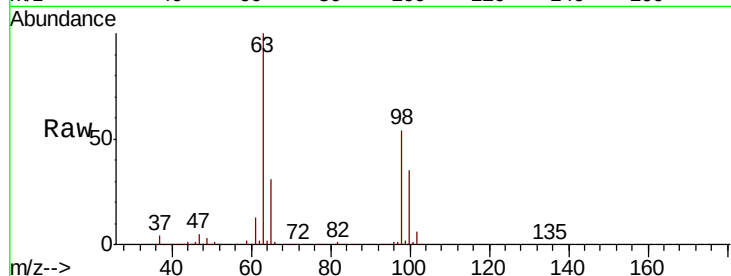
Tot Ion:101 Resp: 1207

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

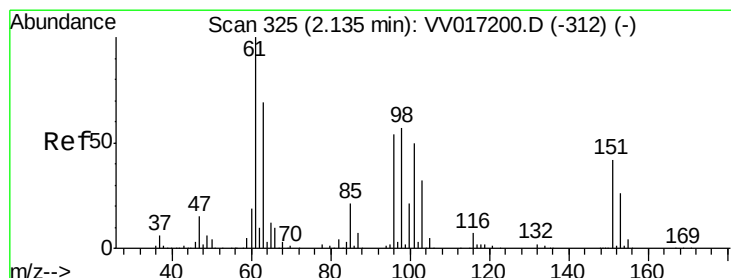
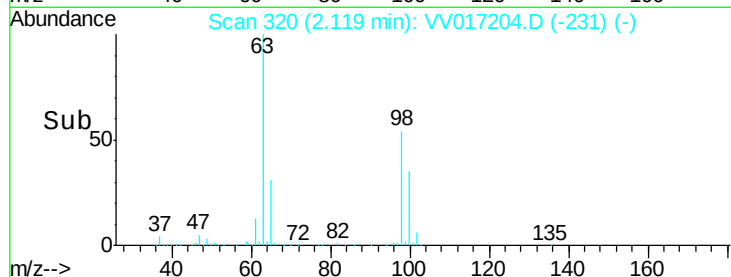
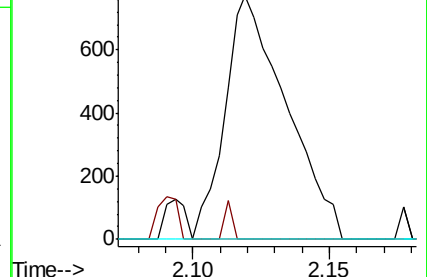
151 0.0 63.9 95.9#



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: 0.857 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV017204.D

Acq: 27 Jun 2020 01:10

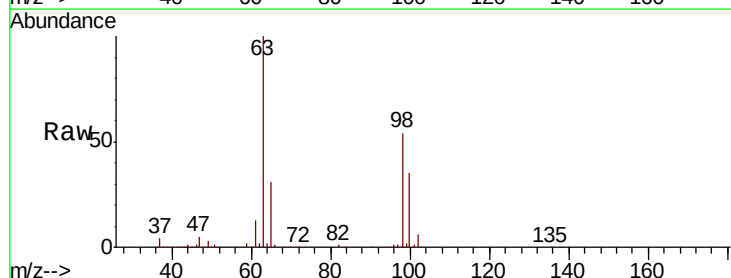
Tgt Ion: 96 Resp: 1493

Ion Ratio Lower Upper

96 100

61 1184.6 130.4 242.2#

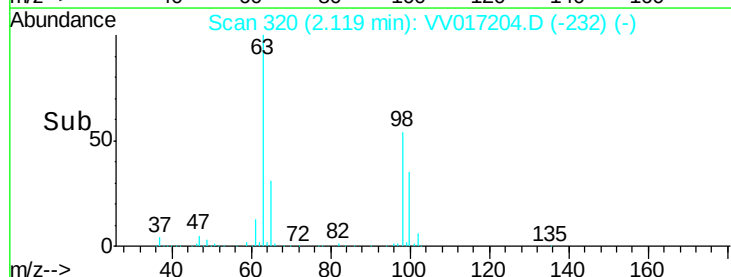
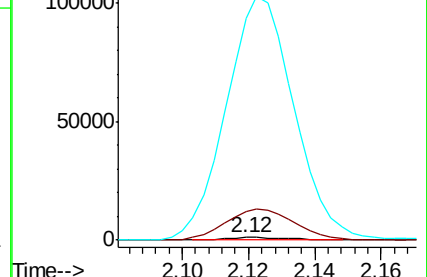
63 9214.6 103.3 191.9#

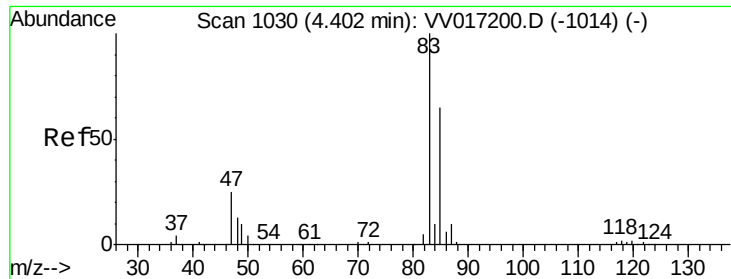


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

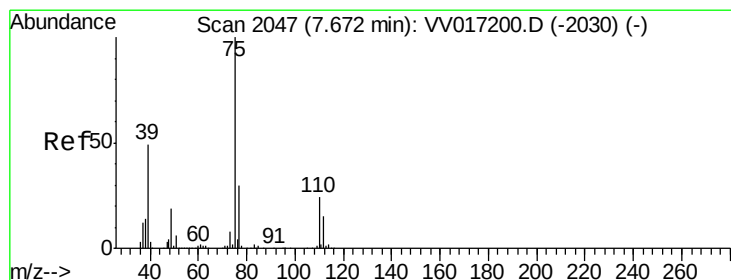
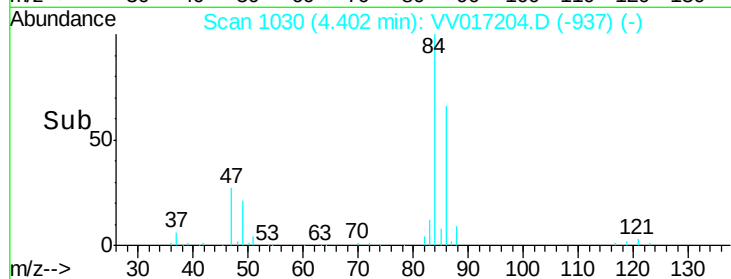
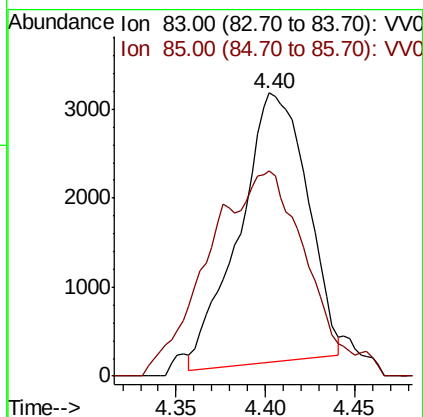
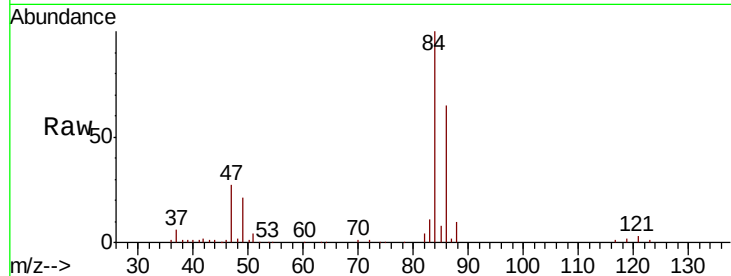




#25
Chloroform
Concen: 1.757 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017204.D
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Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 8074
Ion Ratio Lower Upper
83 100
85 72.5 44.1 81.9



#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017204.D
Acq: 27 Jun 2020 01:10

Tgt Ion: 75 Resp: 3413
Ion Ratio Lower Upper
75 100
77 38.5 21.7 40.3

