

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016438.D
 Acq On : 02 Jun 2020 20:04
 Operator : SY/MD
 Sample : L2836-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395381	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	375268	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128155	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.52%
7) Chloroethane-d5	1.58	69	91268	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.28%
11) 1,1-Dichloroethene-d2	2.13	63	177573	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	3.91	46	179348	100.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.16%
24) Chloroform-d	4.38	84	224162	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
26) 1,2-Dichloroethane-d4	5.06	65	166617	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
32) Benzene-d6	5.08	84	487401	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.09	67	151072	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.34	98	431157	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%
43) trans-1,3-Dichloropropene-	7.64	79	69982	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
47) 2-Hexanone-d5	8.11	63	132419	98.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199283	46.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	167896	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%

Target Compounds

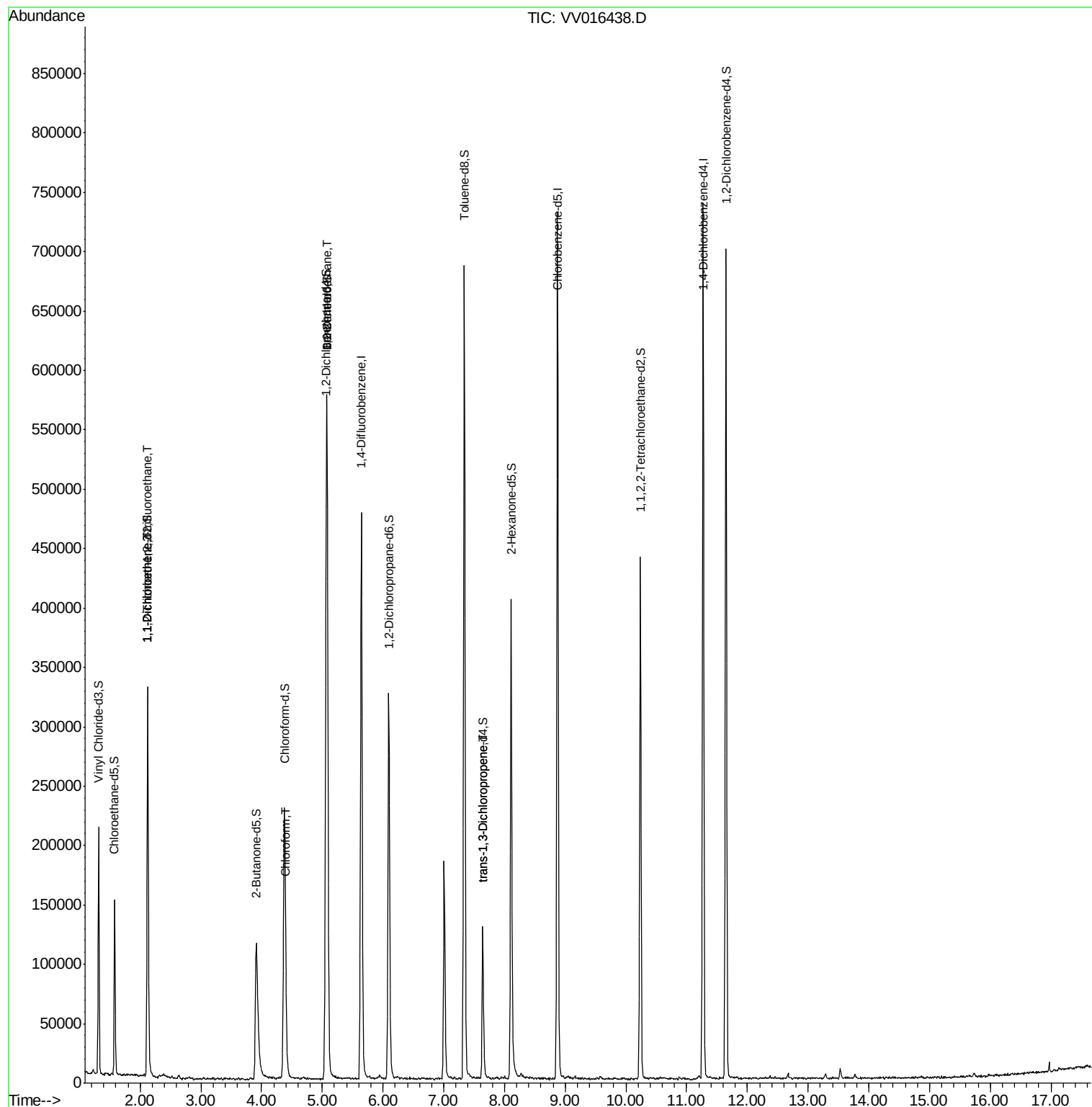
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1759	0.771 ug/L #	30
12) 1,1-Dichloroethene	2.12	96	1800	0.820 ug/L #	1
25) Chloroform	4.41	83	19989	3.723 ug/L	99
27) 1,2-Dichloroethane	5.07	62	3255	0.746 ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	3765	0.915 ug/L	94

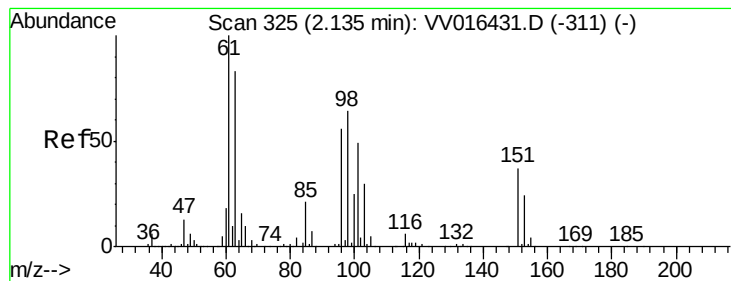
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.771 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016438.D

Acq: 02 Jun 2020 20:04

Instrument :

MSVOA_V

ClientSampled :

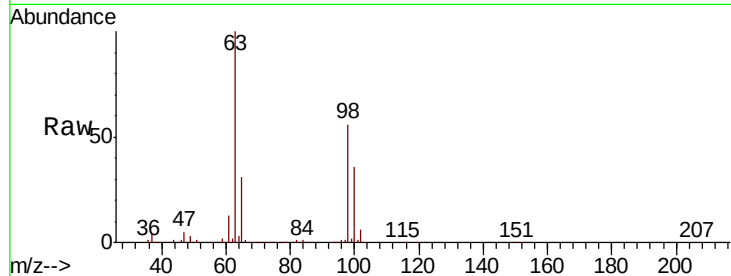
Tot Ion:101 Resp: 1759

Ion Ratio Lower Upper

101 100

85 9.8 35.6 53.4#

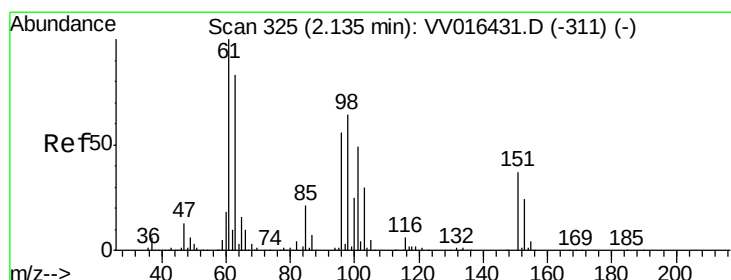
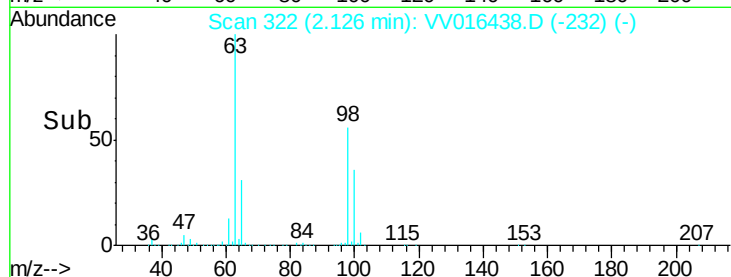
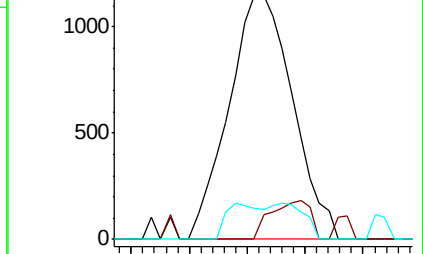
151 8.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016438.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV016438.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV016438.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016438.D

Acq: 02 Jun 2020 20:04

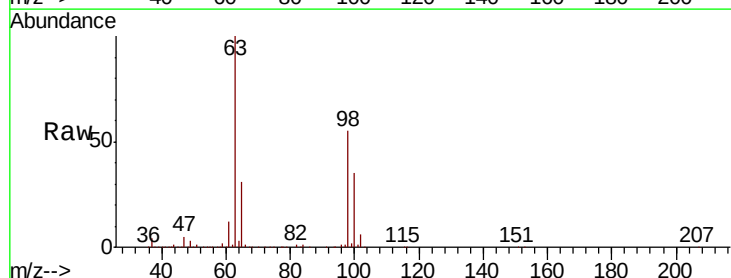
Tgt Ion: 96 Resp: 1800

Ion Ratio Lower Upper

96 100

61 1303.0 125.5 233.1#

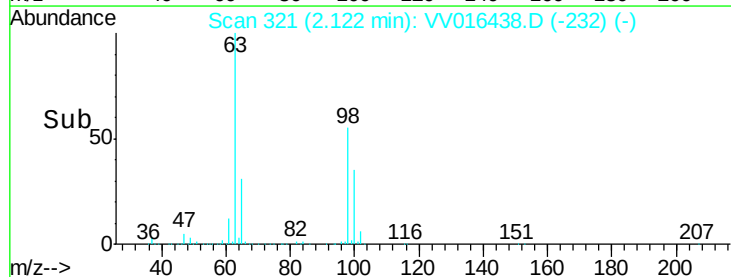
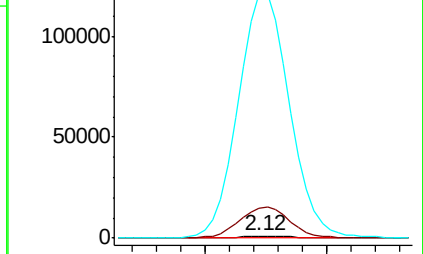
63 10452.1 104.0 193.1#

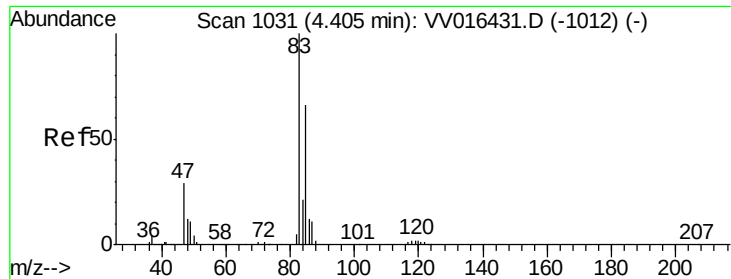


Abundance Ion 96.00 (95.70 to 96.70): VV016438.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV016438.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV016438.D (-232) (-)

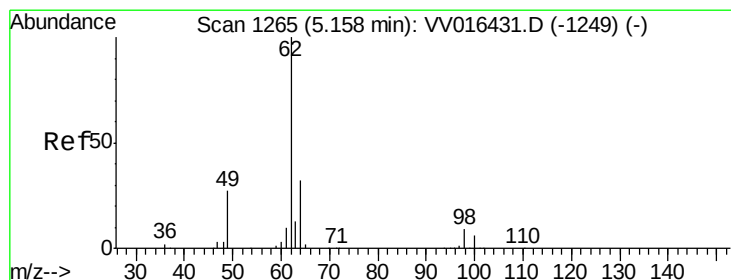
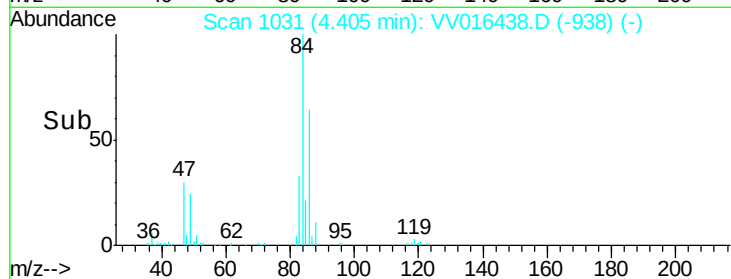
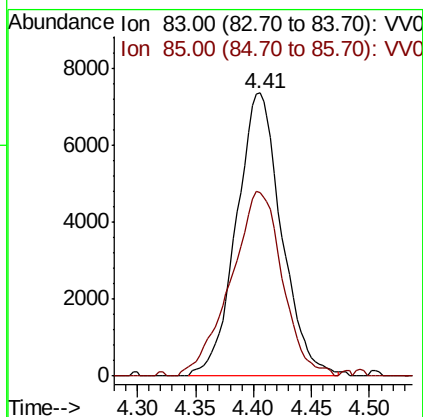
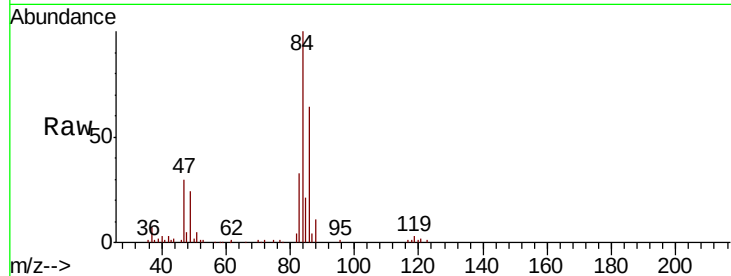




#25
Chloroform
Concen: 3.723 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV016438.D
Acq: 02 Jun 2020 20:04

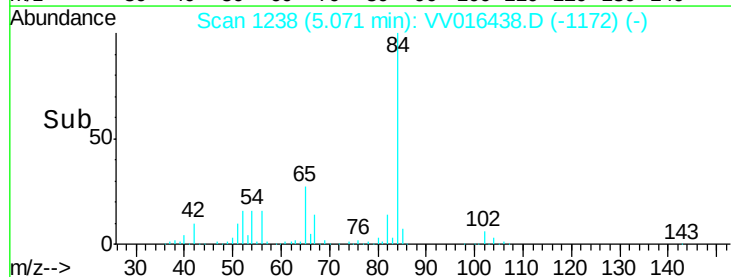
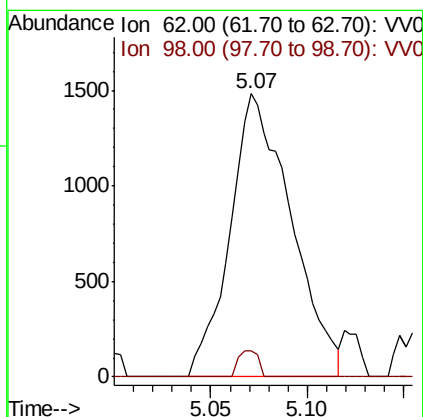
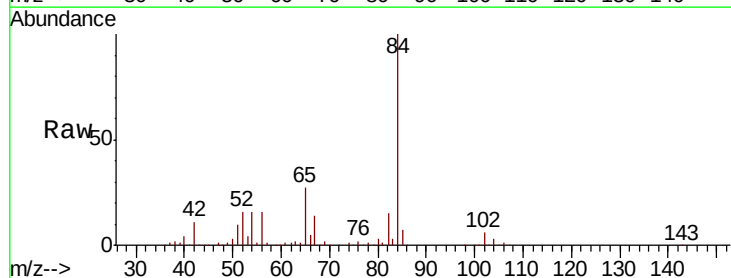
Instrument :
MSVOA_V
ClientSampleId :

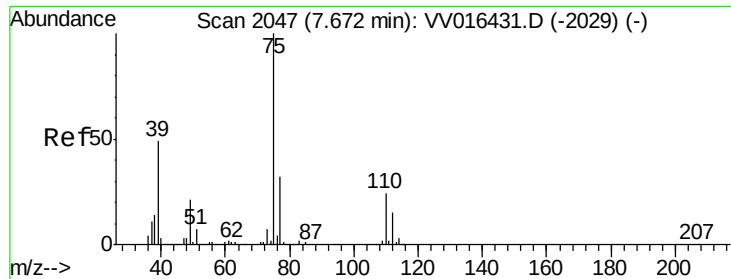
Tot Ion: 83 Resp: 19989
Ion Ratio Lower Upper
83 100
85 64.8 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.746 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV016438.D
Acq: 02 Jun 2020 20:04

Tgt Ion: 62 Resp: 3255
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3





#44

trans-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016438.D

Acq: 02 Jun 2020 20:04

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 3765

Ion Ratio Lower Upper

75 100

77 35.2 22.2 41.2

