

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016763.D
 Acq On : 10 Jun 2020 12:52
 Operator : SY/MD
 Sample : L2861-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 11 01:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166469	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115984	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.32%
7) Chloroethane-d5	1.58	69	81593	54.70	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.12	63	154565	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.06%
21) 2-Butanone-d5	3.89	46	185468	100.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.37	84	240518	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.05	65	172024	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.07	84	469245	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.09	67	147499	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.33	98	429680	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%
43) trans-1,3-Dichloropropene-	7.64	79	75561	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.72%
47) 2-Hexanone-d5	8.10	63	111010	84.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191382	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	180129	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

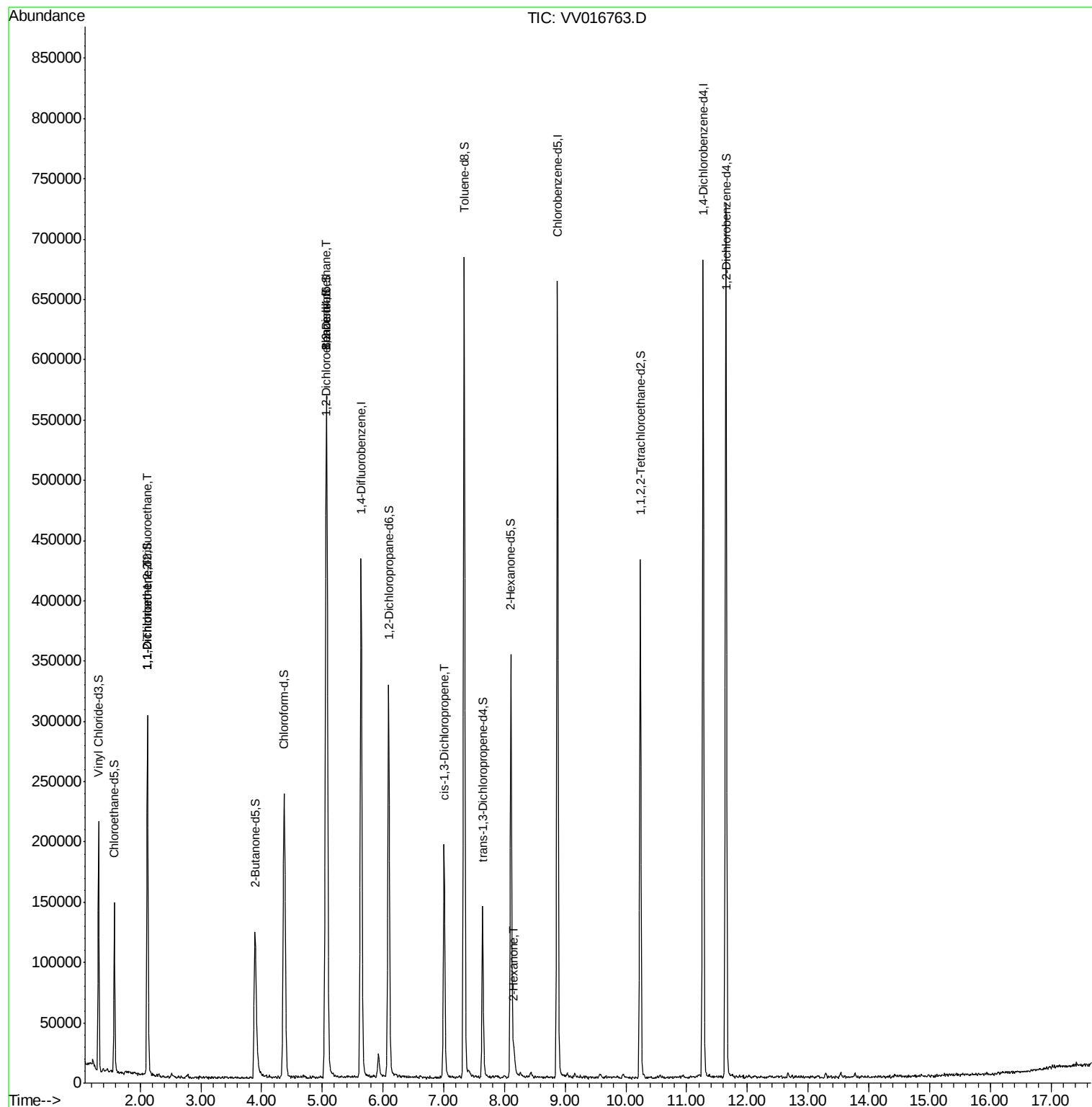
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1728	0.923 ug/L #	28
12) 1,1-Dichloroethene	2.12	96	1566	0.896 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3184	0.824 ug/L #	98
39) cis-1,3-Dichloropropene	7.00	75	5708	1.416 ug/L #	67
48) 2-Hexanone	8.16	43	10554	3.701 ug/L #	88

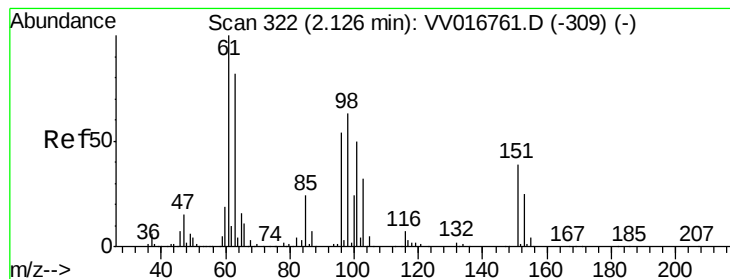
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#10

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

Concen: 0.923 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VHBLK01

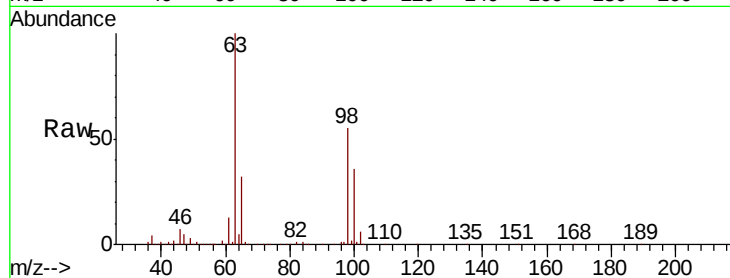
Tot Ion:101 Resp: 1728

Ion Ratio Lower Upper

101 100

85 9.8 35.5 53.3#

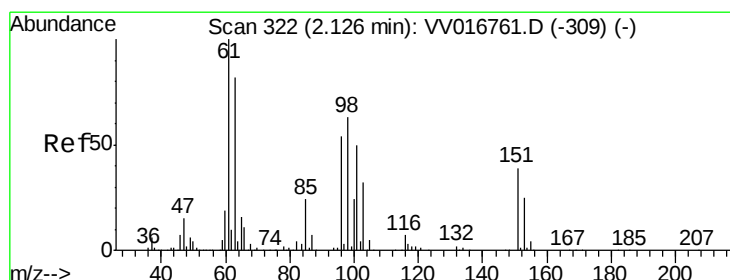
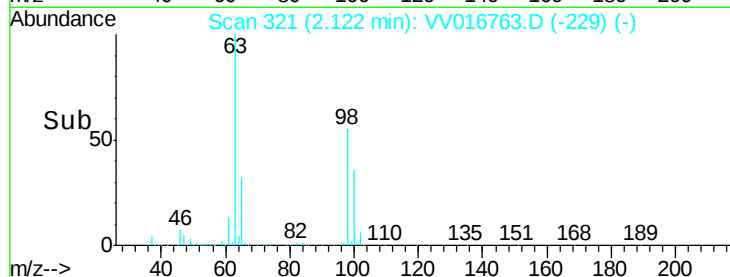
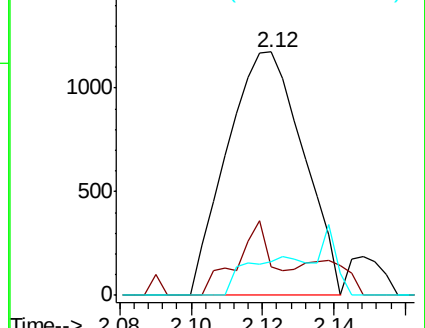
151 7.6 63.9 95.9#



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: 0.896 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV016763.D

Acq: 10 Jun 2020 12:52

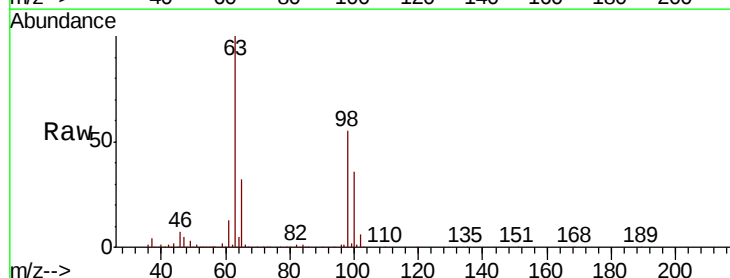
Tgt Ion: 96 Resp: 1566

Ion Ratio Lower Upper

96 100

61 1301.7 130.4 242.2#

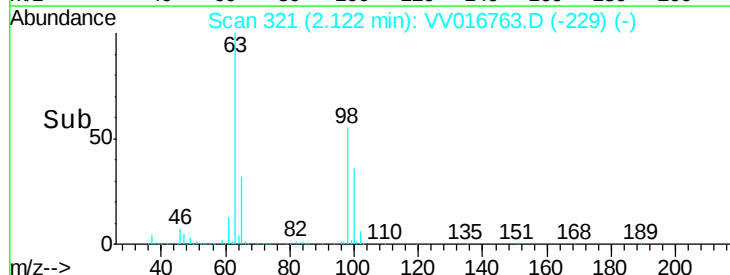
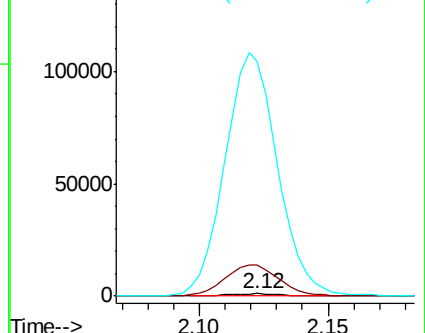
63 9955.8 103.3 191.9#

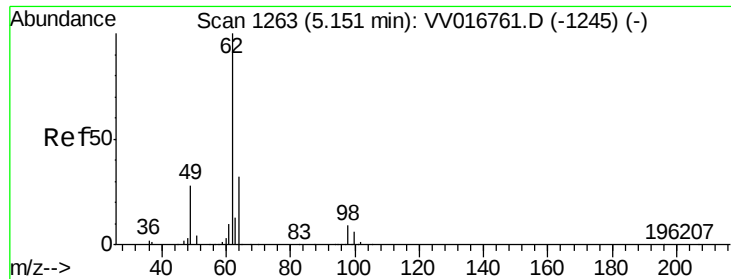


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.824 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

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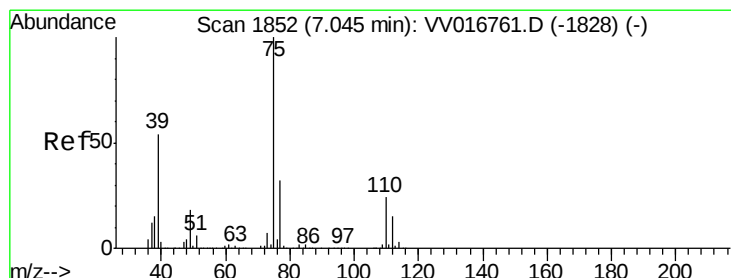
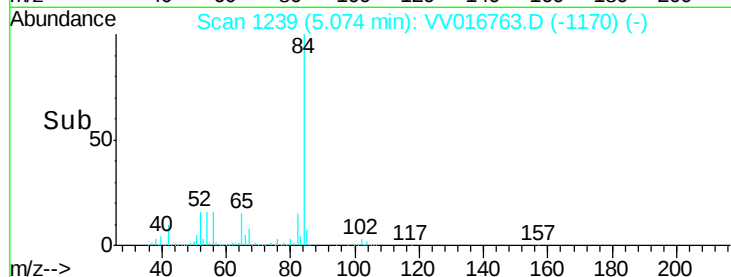
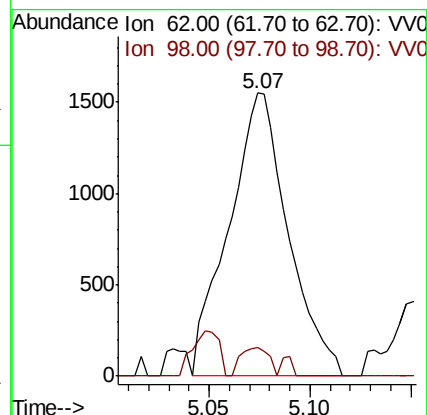
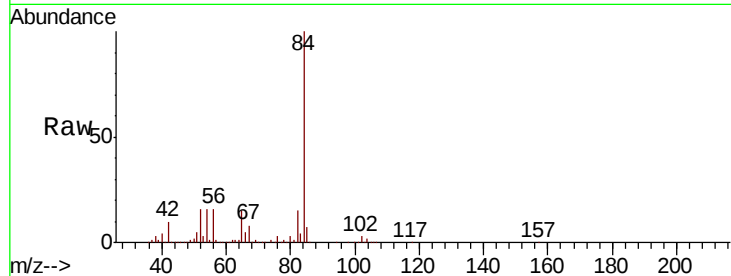
VHBLK01

Tot Ion: 62 Resp: 3184

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2



#39

cis-1,3-Dichloropropene

Concen: 1.416 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.04 min

Lab File: VV016763.D

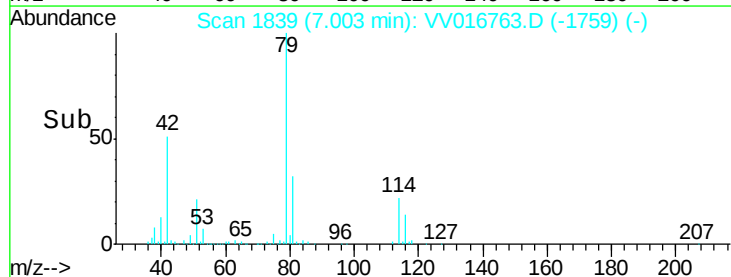
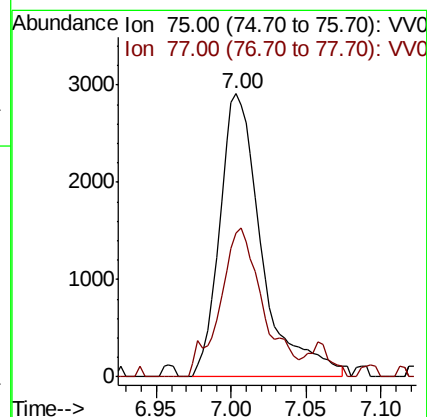
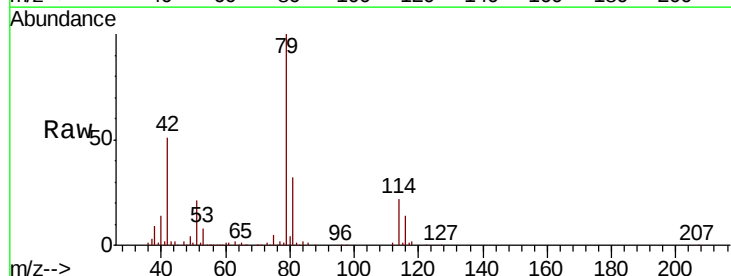
Acq: 10 Jun 2020 12:52

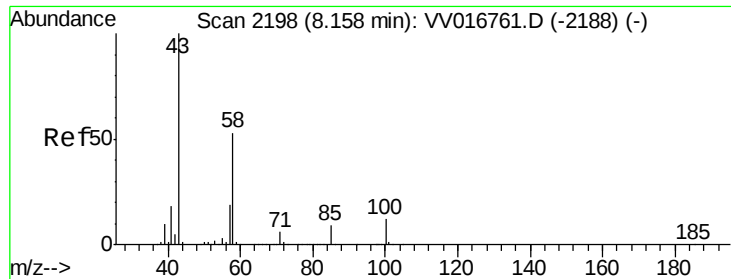
Tgt Ion: 75 Resp: 5708

Ion Ratio Lower Upper

75 100

77 50.7 22.7 42.1#





#48

2-Hexanone

Concen: 3.701 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV016763.D

Acq: 10 Jun 2020 12:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 10554

Ion Ratio Lower Upper

43 100

58 51.1 43.1 64.7

57 4.2 15.3 22.9#

100 5.5 10.0 15.0#

