

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
 Data File : VV016867.D
 Acq On : 12 Jun 2020 09:50
 Operator : SY/MD
 Sample : L2915-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 12 10:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321743	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107393	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.56	69	74625	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.66%
11) 1,1-Dichloroethene-d2	2.12	63	147441	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	3.89	46	166626	93.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.82%
24) Chloroform-d	4.37	84	227610	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.05	65	164435	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.07	84	441127	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.09	67	137662	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.34	98	404595	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.64	79	70097	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.11	63	98066	77.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174010	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	175477	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%

Target Compounds

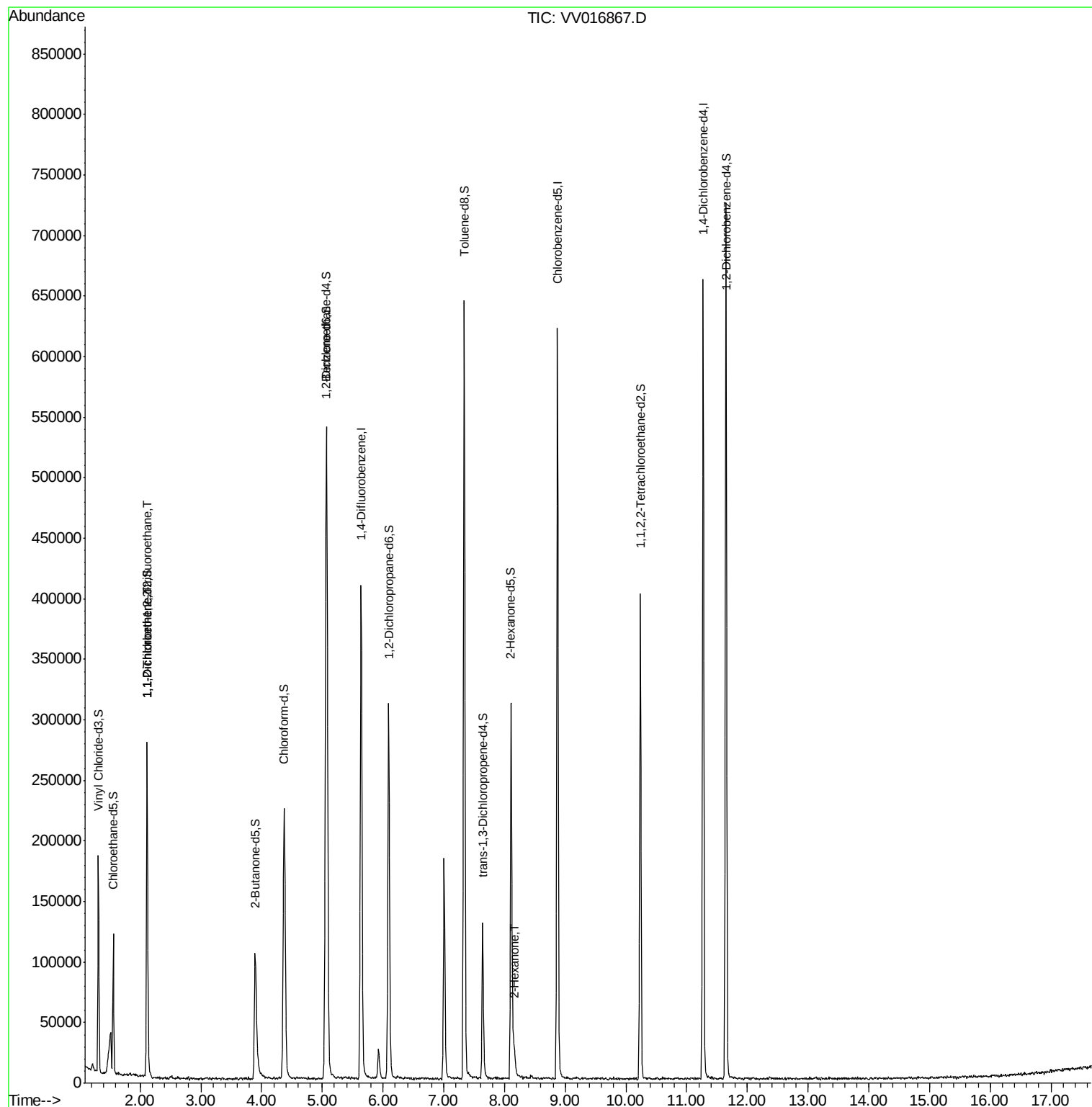
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1334	0.74	ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1218	0.72	ug/L #	1
48) 2-Hexanone	8.16	43	12405	4.56	ug/L #	80

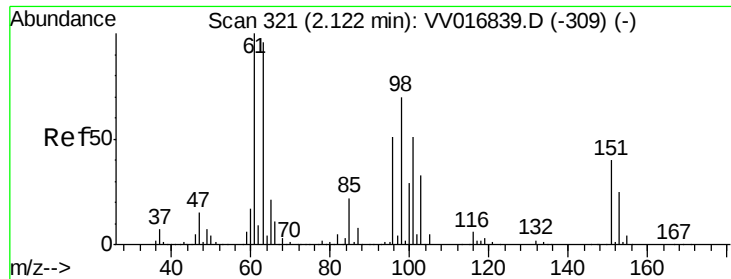
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.74 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

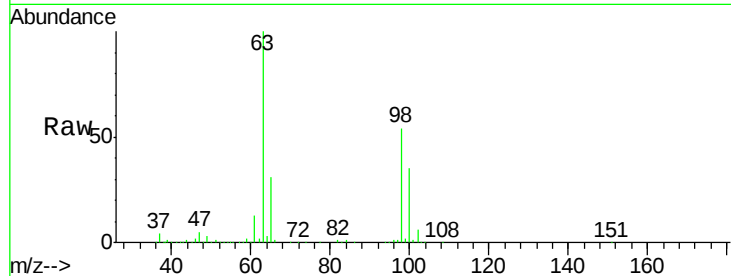
Tgt Ion: 101 Resp: 1334

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

151 2.9 63.9 95.9#



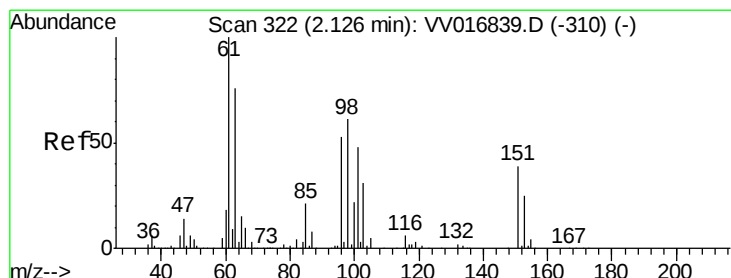
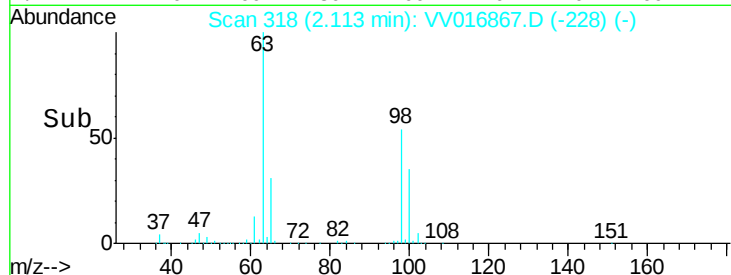
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

Time-->

2.08 2.10 2.12 2.14



#12

1,1-Dichloroethene

Concen: 0.72 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016867.D

Acq: 12 Jun 2020 09:50

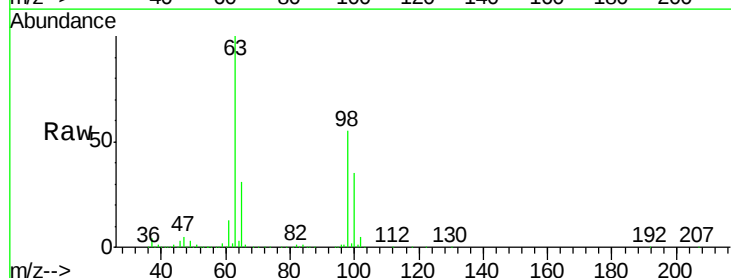
Tgt Ion: 96 Resp: 1218

Ion Ratio Lower Upper

96 100

61 1497.4 130.4 242.2#

63 11601.4 103.3 191.9#



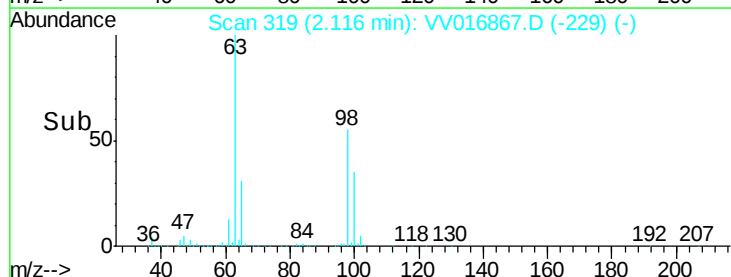
Abundance Ion 96.00 (95.70 to 96.70): VV0

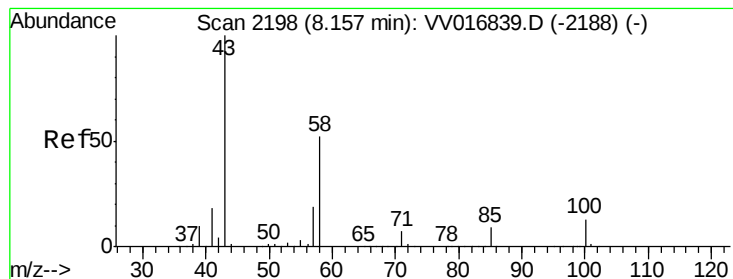
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

Time-->

2.08 2.10 2.12 2.14





#48
 2-Hexanone
 Concen: 4.56 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
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 Acq: 12 Jun 2020 09:50

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Tgt Ion:	43	Resp:	12405
Ion	Ratio	Lower	Upper
43	100		
58	41.1	43.1	64.7#
57	2.8	15.3	22.9#
100	11.9	10.0	15.0

