

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016996.D
 Acq On : 19 Jun 2020 13:31
 Operator : SY/MD
 Sample : L3074-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M17

Quant Time: Jun 20 02:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392387	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123428	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.58	69	71452	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.02%
11) 1,1-Dichloroethene-d2	2.12	63	170774	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	3.90	46	171099	83.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.49%
24) Chloroform-d	4.37	84	249035	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.05	65	173980	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
32) Benzene-d6	5.07	84	484276	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.09	67	145267	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.33	98	442043	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.64	79	75563	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.11	63	91459	64.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.38%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	157490	36.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	180706	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

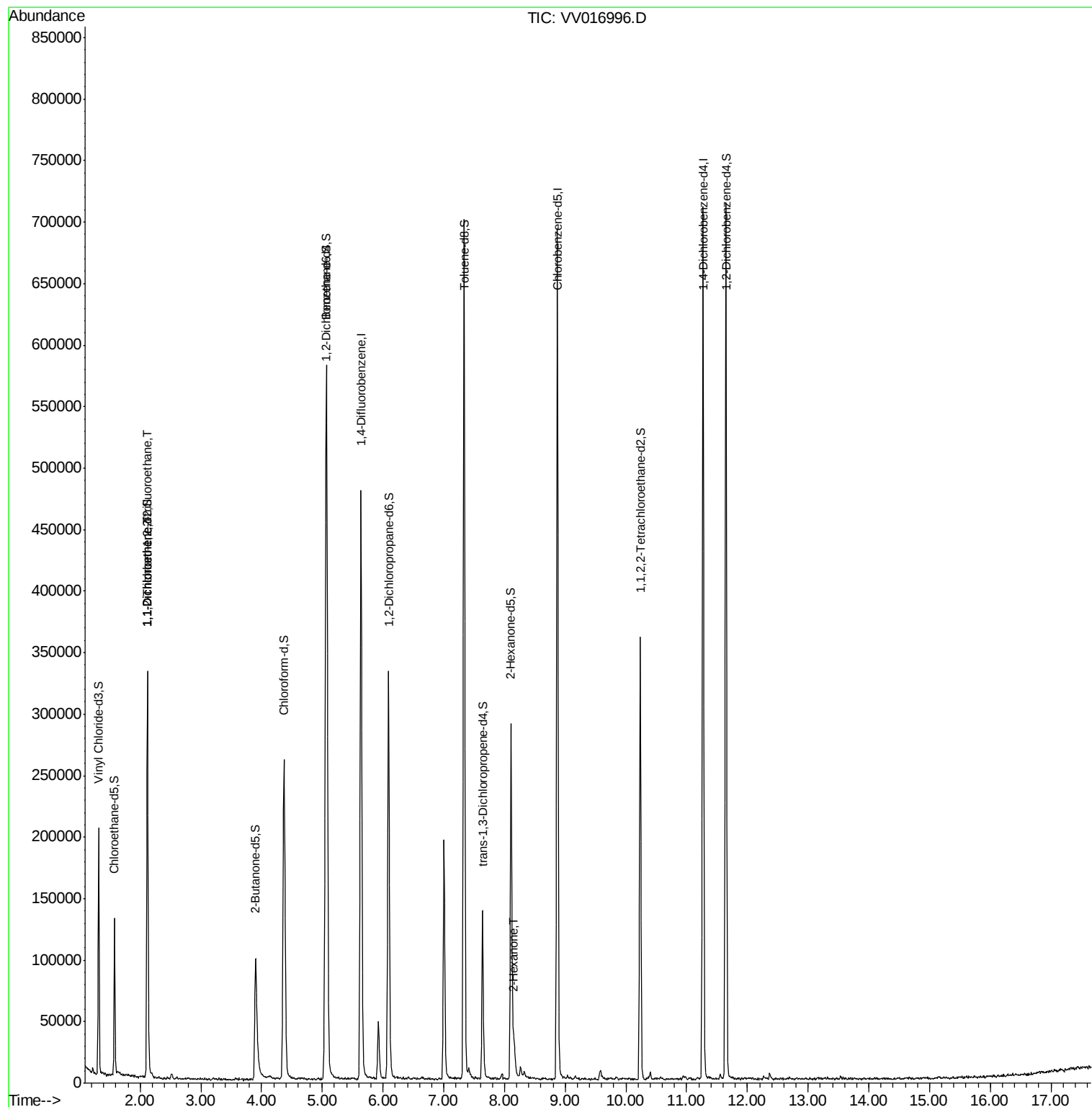
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1721	0.825 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1539	0.790 ug/L #	1
48) 2-Hexanone	8.16	43	17460	5.696 ug/L #	80

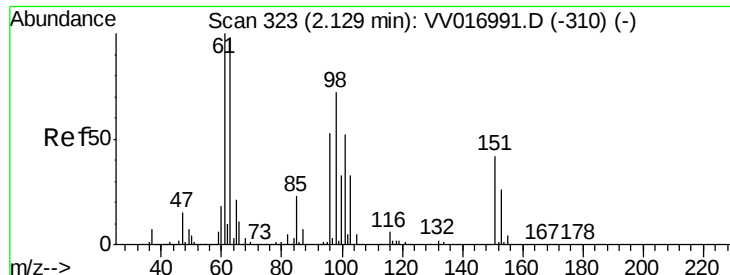
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.825 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016996.D

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Instrument :

MSVOA_V

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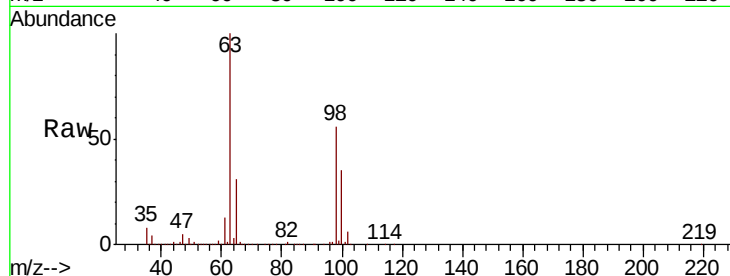
Tot Ion:101 Resp: 1721

Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

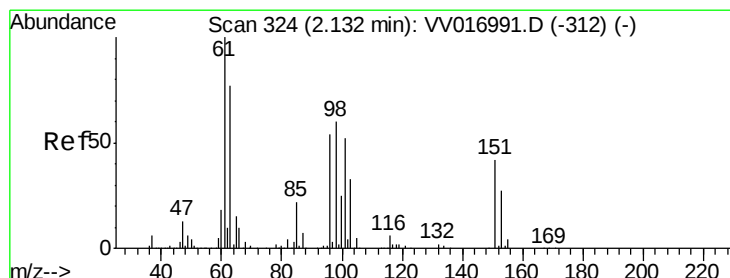
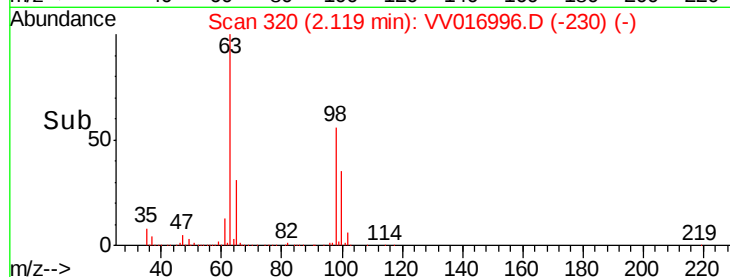
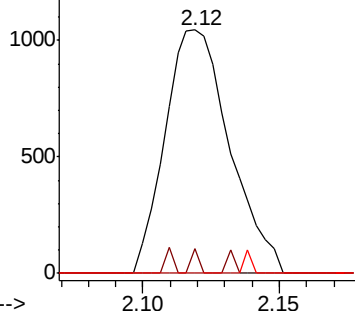
151 0.0 63.9 95.9#



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: 0.790 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016996.D

Acq: 19 Jun 2020 13:31

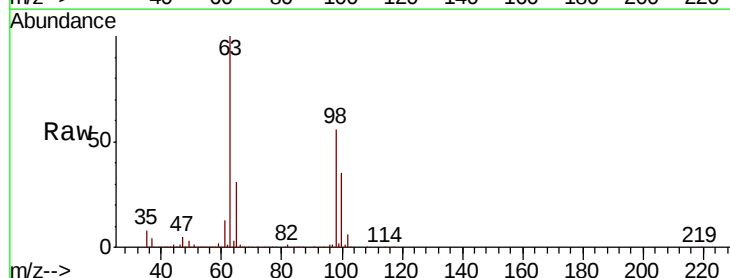
Tgt Ion: 96 Resp: 1539

Ion Ratio Lower Upper

96 100

61 1565.7 130.4 242.2#

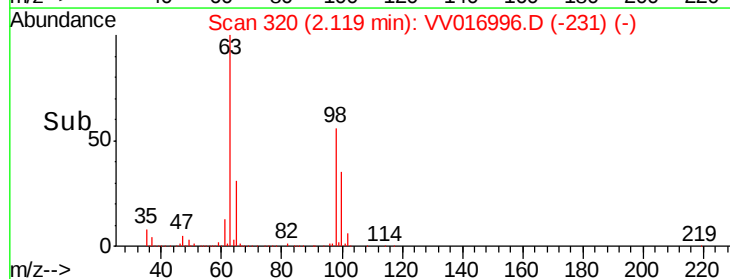
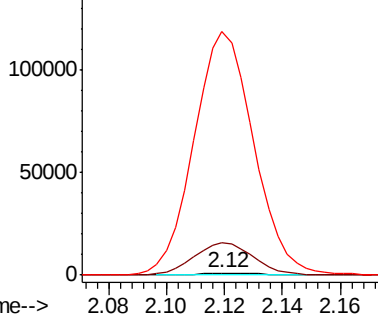
63 11934.8 103.3 191.9#

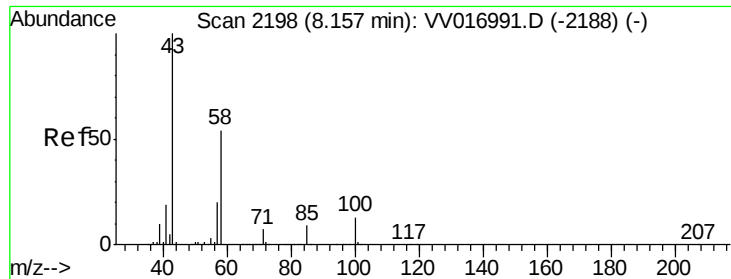


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#48
 2-Hexanone
 Concen: 5.696 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
43	100		
58	36.8	43.1	64.7#
57	13.7	15.3	22.9#
100	7.3	10.0	15.0#

