

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019333.D
 Acq On : 11 Nov 2020 10:50
 Operator : SY/MD
 Sample : VV1111WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Nov 12 00:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 00:41:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248753	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	249112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115279	58.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.64%
7) Chloroethane-d5	1.58	69	92332	60.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.24%
11) 1,1-Dichloroethene-d2	2.12	63	163596	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
21) 2-Butanone-d5	3.91	46	124549	102.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.87%
24) Chloroform-d	4.38	84	187287	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
26) 1,2-Dichloroethane-d4	5.06	65	129196	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
32) Benzene-d6	5.07	84	362965	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.09	67	117412	55.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.44%
41) Toluene-d8	7.34	98	318681	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.64	79	54975	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.11	63	75398	82.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.63%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132478	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	128159	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%

Target Compounds

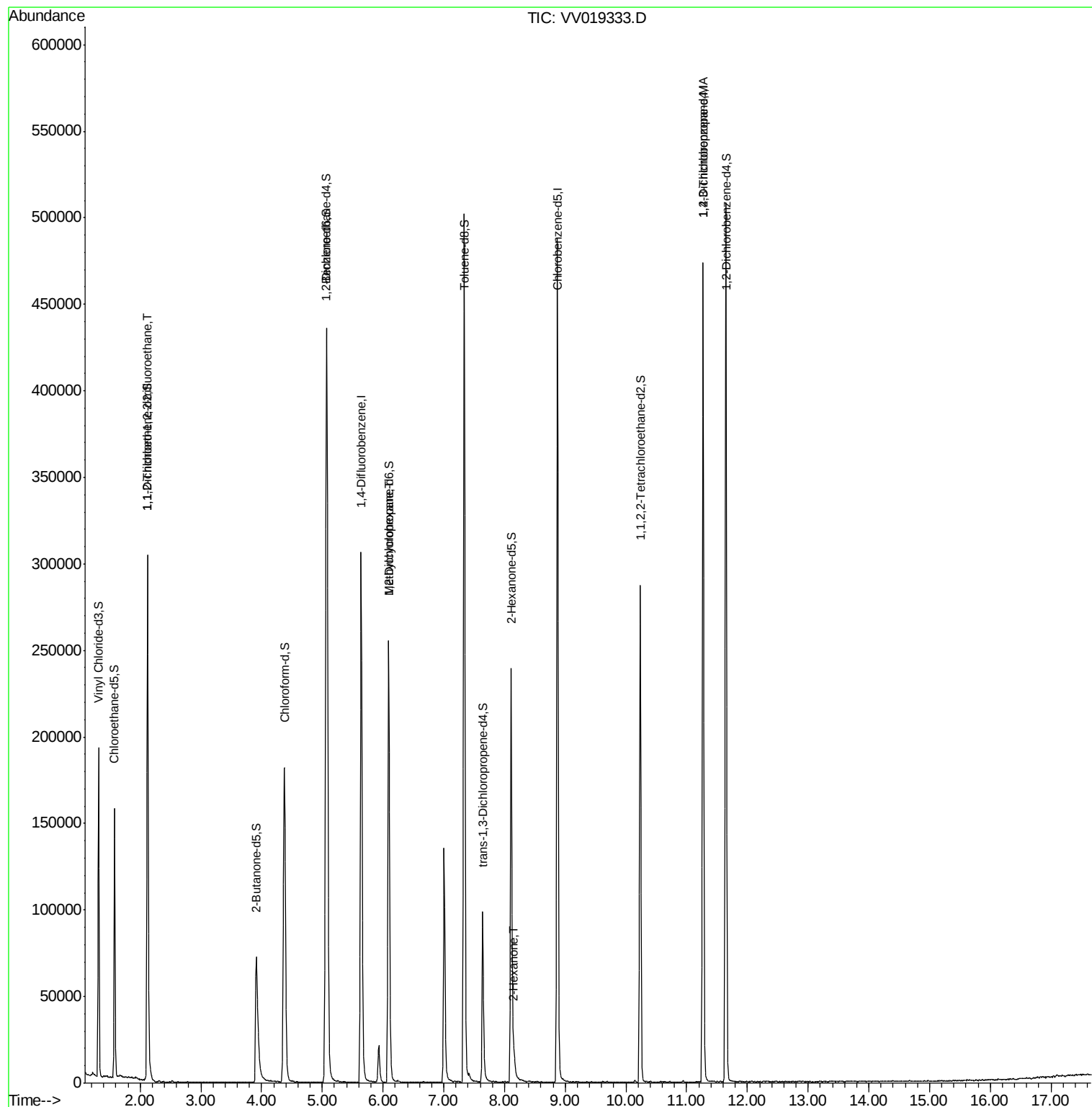
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1492	0.916 ug/L #	17
35) Methylcyclohexane	6.09	83	28111	10.583 ug/L #	18
48) 2-Hexanone	8.16	43	5694	2.911 ug/L #	49
59) 1,2,3-Trichloropropane	11.27	75	13647	5.853 ug/L	90

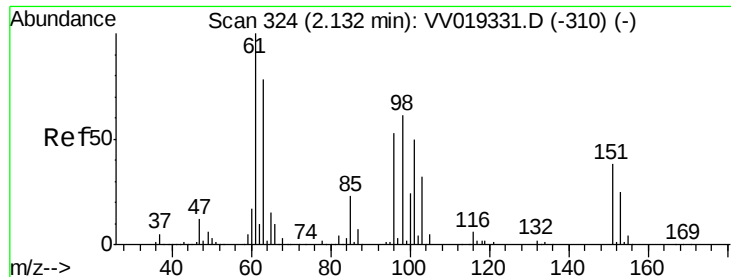
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.916 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019333.D

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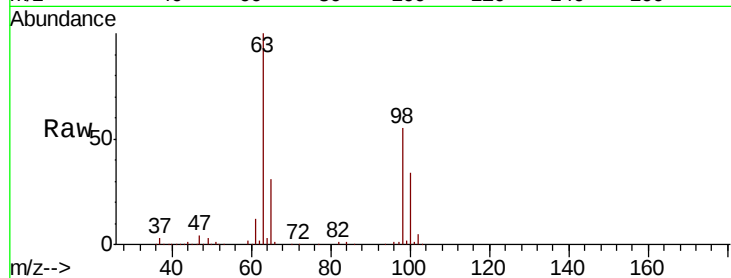
Tot Ion: 101 Resp: 1492

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 65.0 97.4#



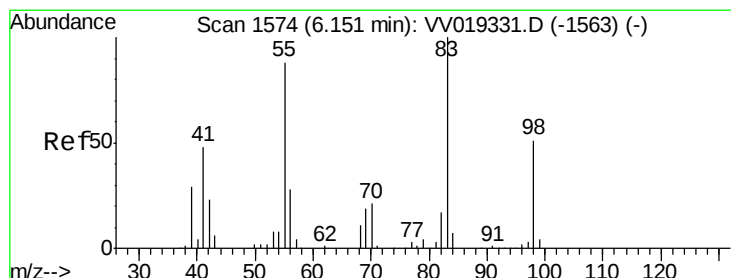
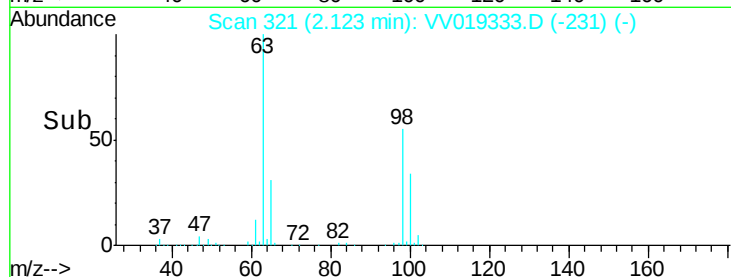
Abundance Ion 101.00 (100.70 to 101.70): VV019333.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV019333.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV019333.D (-231) (-)

2.12

Time-->



#35

Methylcyclohexane

Concen: 10.583 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019333.D

Acq: 11 Nov 2020 10:50

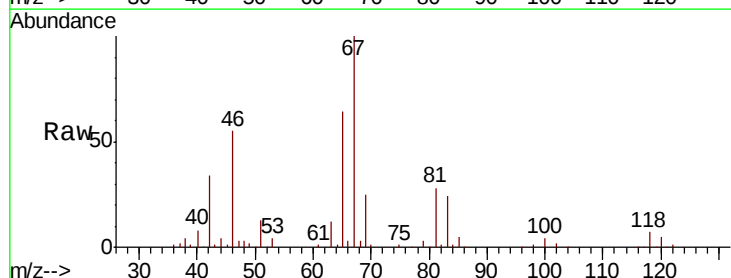
Tgt Ion: 83 Resp: 28111

Ion Ratio Lower Upper

83 100

55 0.3 62.2 93.4#

98 1.7 39.4 59.2#



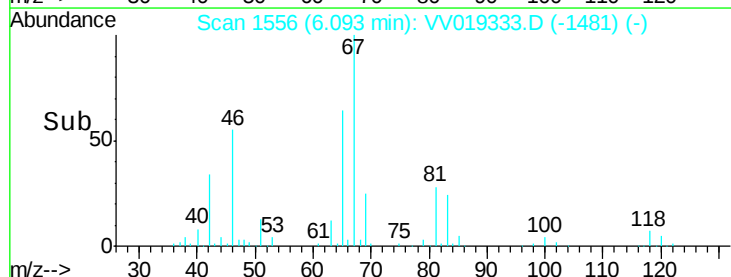
Abundance Ion 83.00 (82.70 to 83.70): VV019333.D (-1481) (-)

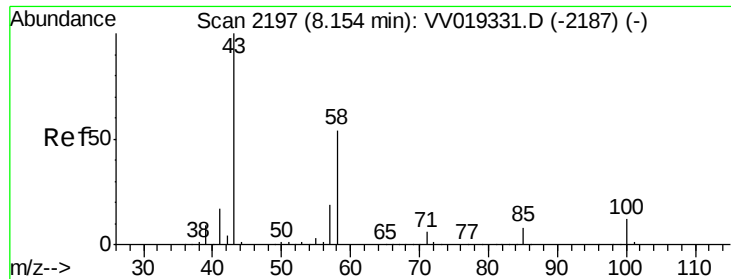
Ion 55.00 (54.70 to 55.70): VV019333.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV019333.D (-1481) (-)

6.09

Time-->

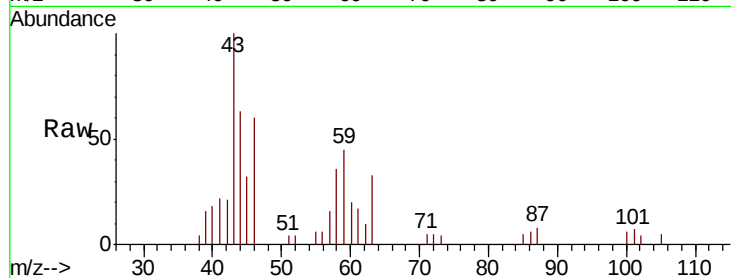




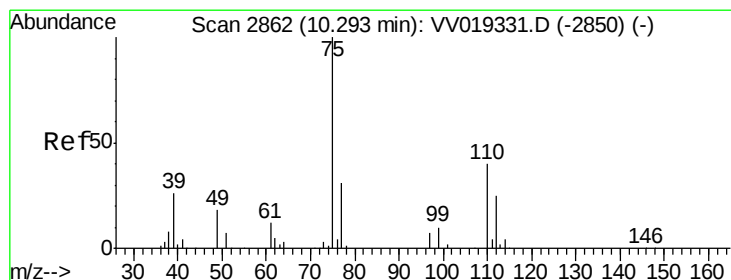
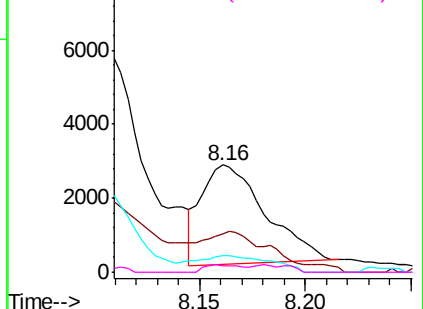
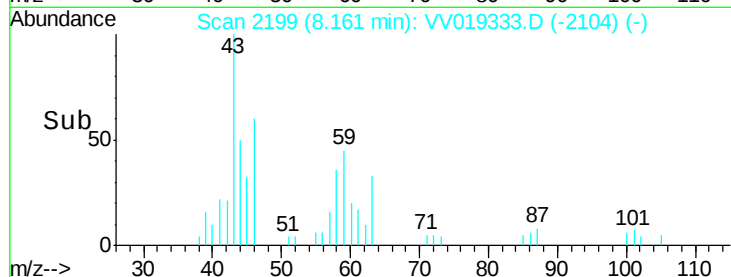
#48
2-Hexanone
Concen: 2.911 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019333.D
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Tot Ion: 43 Resp: 5694
Ion Ratio Lower Upper
43 100
58 0.0 43.6 65.4#
57 19.0 16.0 24.0
100 4.4 10.3 15.5#

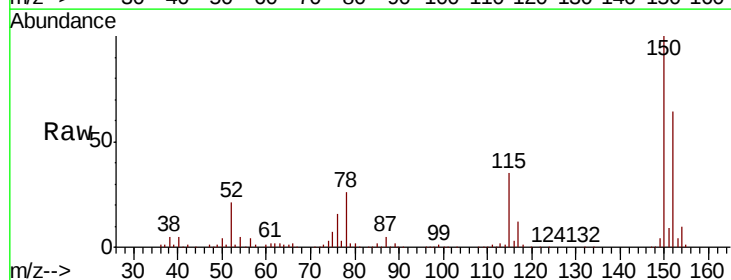


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 5.853 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019333.D
Acq: 11 Nov 2020 10:50

Tgt Ion: 75 Resp: 13647
Ion Ratio Lower Upper
75 100
77 38.6 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

