

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019475.D
 Acq On : 04 Dec 2020 13:46
 Operator : SY/MD
 Sample : VV1204WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK93

Quant Time: Dec 05 02:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294118	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133925	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144539	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	117291	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.12%
11) 1,1-Dichloroethene-d2	2.12	63	221087	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.56%
21) 2-Butanone-d5	3.90	46	163143	91.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	4.37	84	260101	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.54%
26) 1,2-Dichloroethane-d4	5.05	65	183014	58.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.76%
32) Benzene-d6	5.07	84	507357	58.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.30%
36) 1,2-Dichloropropane-d6	6.09	67	172282	59.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.68%
41) Toluene-d8	7.33	98	426139	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%
43) trans-1,3-Dichloropropene-	7.64	79	75634	53.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.88%
47) 2-Hexanone-d5	8.11	63	88195	77.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	184818	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	151197	58.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.26%

Target Compounds

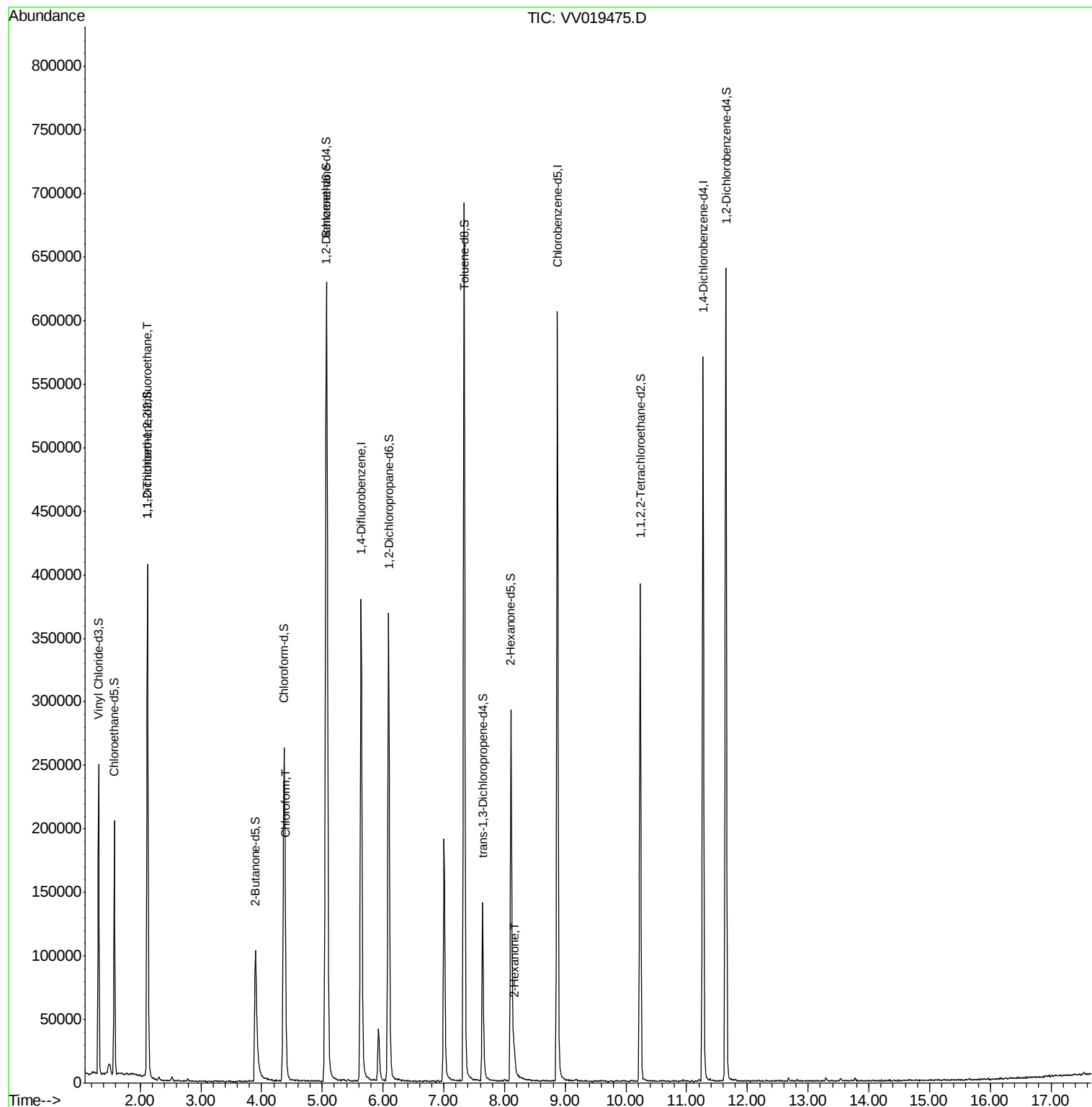
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2015	0.977 ug/L #	28
25) Chloroform	4.40	83	4866	1.105 ug/L	97
48) 2-Hexanone	8.16	43	13501	4.963 ug/L #	70

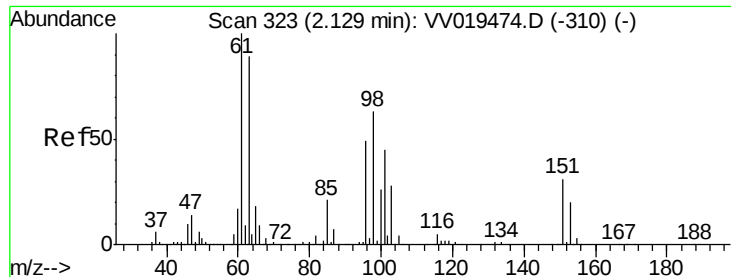
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.977 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

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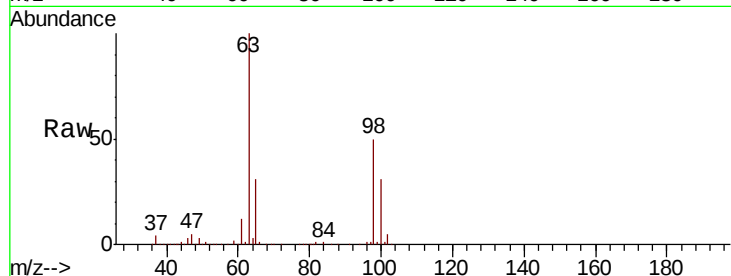
Tot Ion:101 Resp: 2015

Ion Ratio Lower Upper

101 100

85 9.3 35.5 53.3#

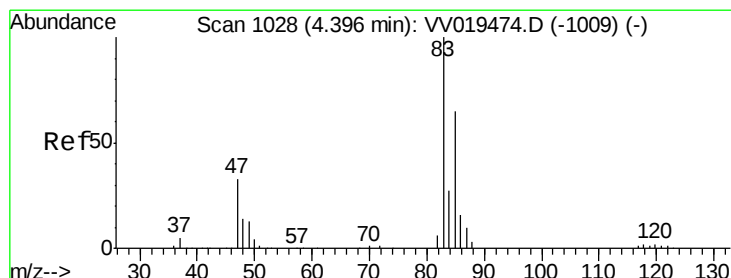
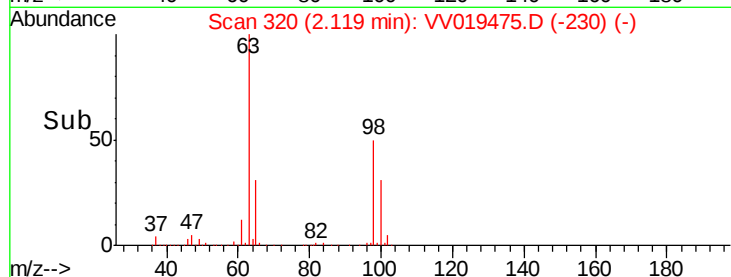
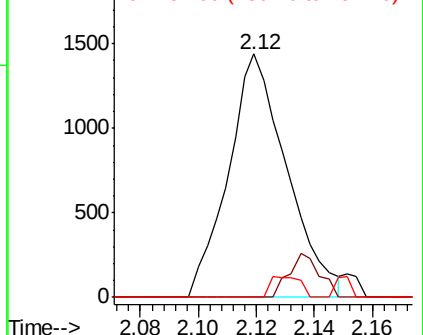
151 4.4 58.9 88.3#



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



#25

Chloroform

Concen: 1.105 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

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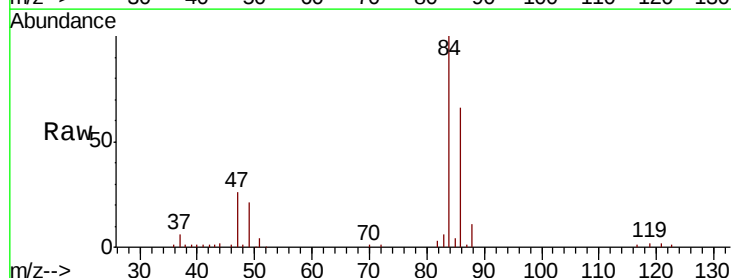
Acq: 04 Dec 2020 13:46

Tgt Ion: 83 Resp: 4866

Ion Ratio Lower Upper

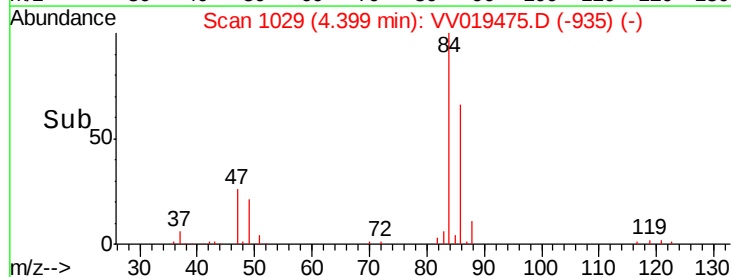
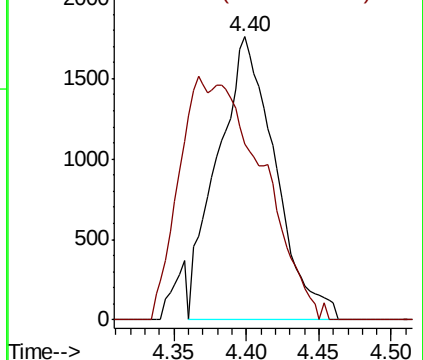
83 100

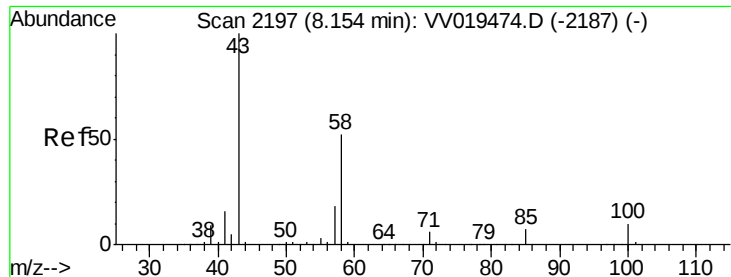
85 62.1 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#48

2-Hexanone

Concen: 4.963 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

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Tot Ion: 43 Resp: 13501

Ion Ratio Lower Upper

43 100

58 33.9 43.8 65.6#

57 0.0 15.4 23.2#

100 7.3 9.0 13.6#

