

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015397.D
 Acq On : 03 Apr 2020 13:16
 Operator : SY/MD
 Sample : VV0403MBL01
 Misc : 100 uL/5.0mL/MSVOA V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Quant Time: Apr 04 00:16:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 00:09:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	668618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	634748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	295518	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	273602	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.28%
7) Chloroethane-d5	1.58	69	238405	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.10%
11) 1,1-Dichloroethene-d2	2.12	63	411121	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	3.94	46	307427	96.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.48%
24) Chloroform-d	4.38	84	447627	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.06	65	291625	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.07	84	933623	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.09	67	276418	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.34	98	897194	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	146121	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
47) 2-Hexanone-d5	8.12	63	241620	91.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	389595	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	329643	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

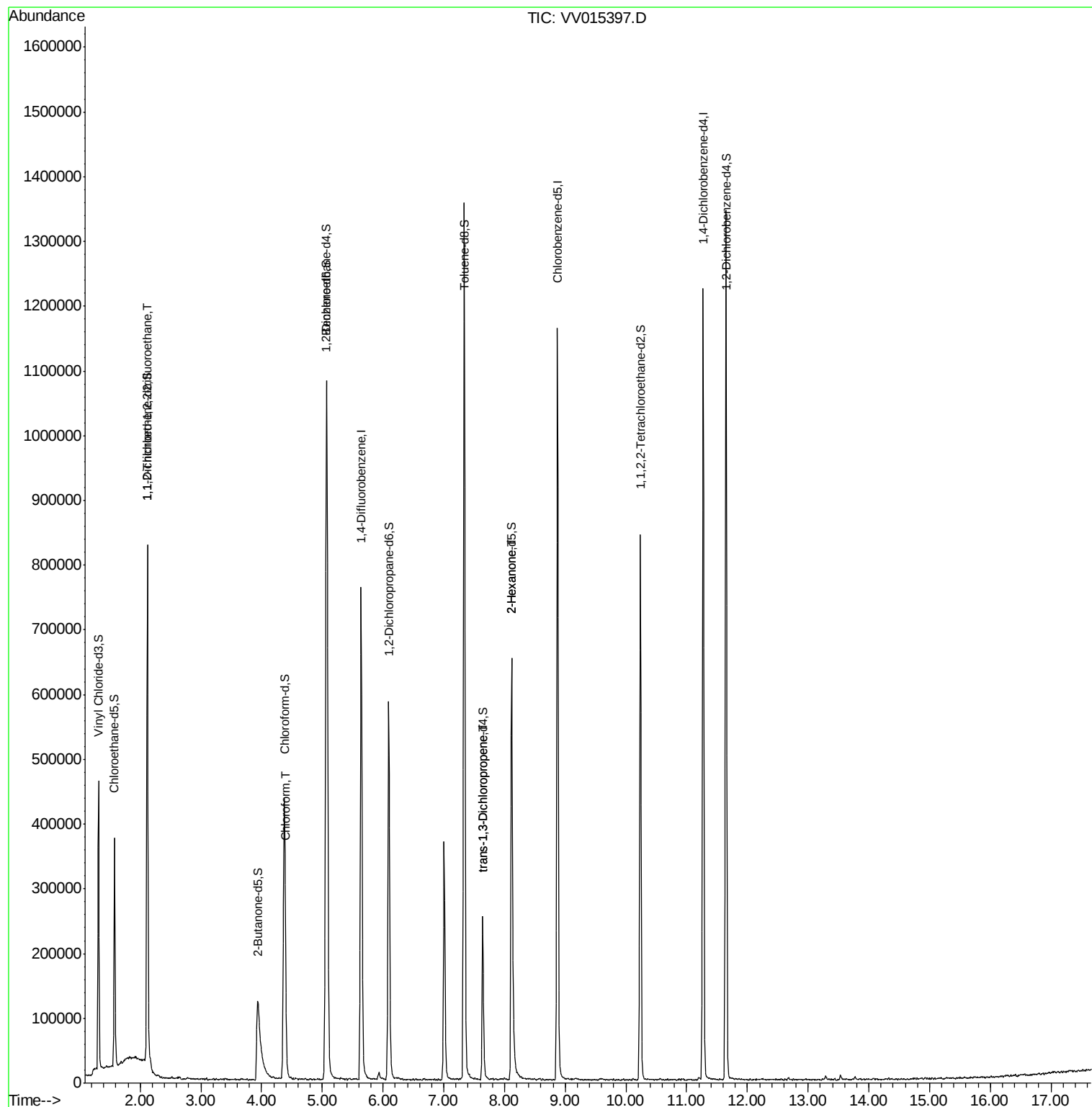
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3889	0.771 ug/L #	27
25) Chloroform	4.40	83	10246	1.137 ug/L	87
44) trans-1,3-Dichloropropene	7.64	75	7035	0.934 ug/L #	81
48) 2-Hexanone	8.12	43	29344	5.978 ug/L #	81

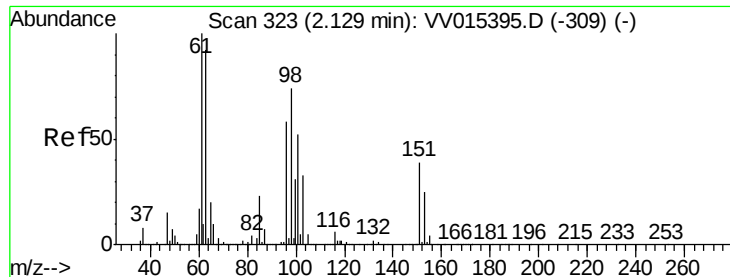
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.771 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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MSVOA_V

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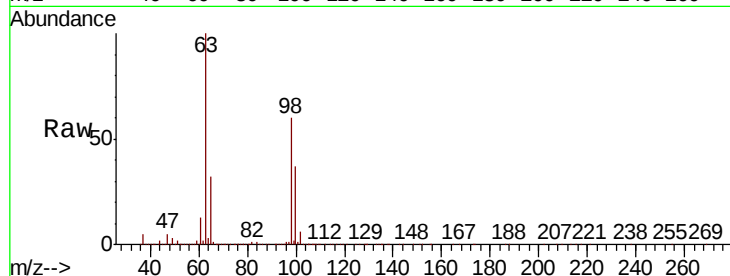
Tot Ion:101 Resp: 3889

Ion Ratio Lower Upper

101 100

85 8.3 36.1 54.1#

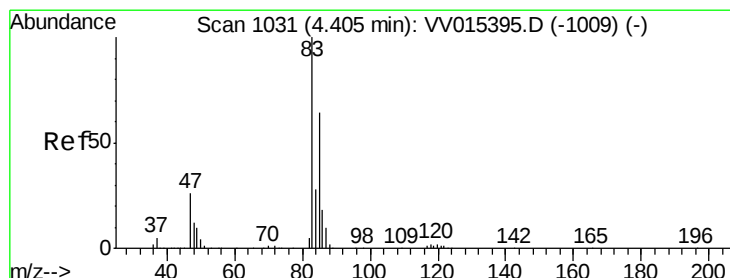
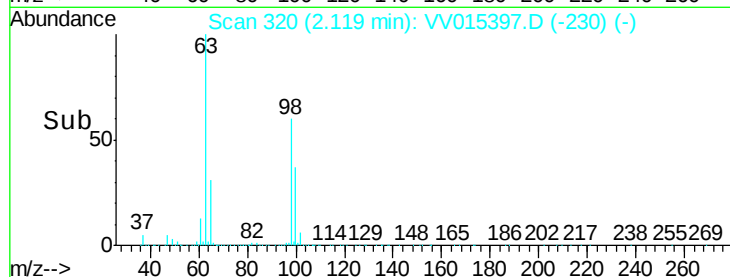
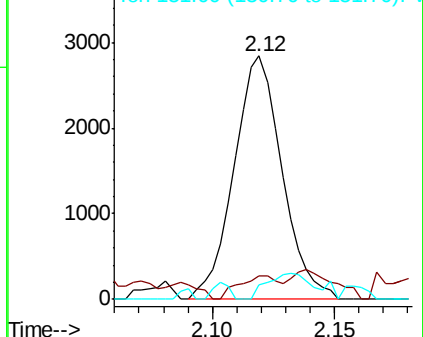
151 2.4 58.2 87.4#



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: 1.137 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV015397.D

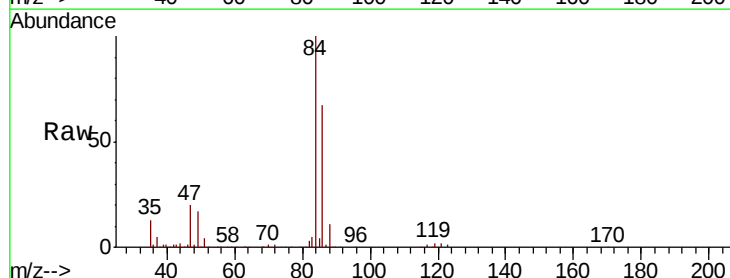
Acq: 03 Apr 2020 13:16

Tgt Ion: 83 Resp: 10246

Ion Ratio Lower Upper

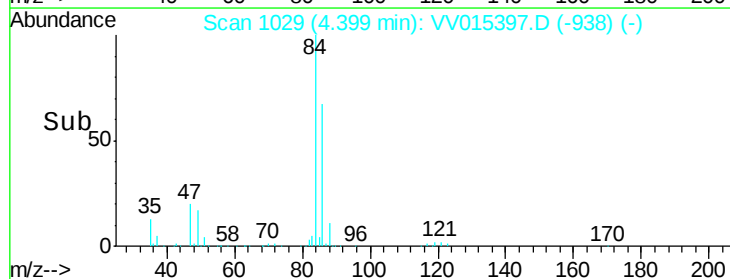
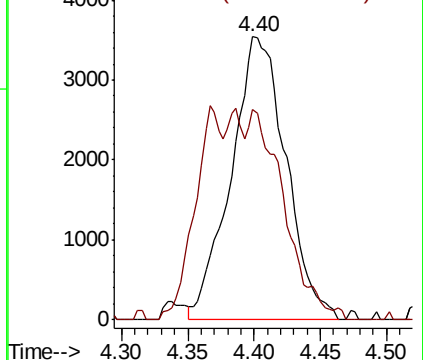
83 100

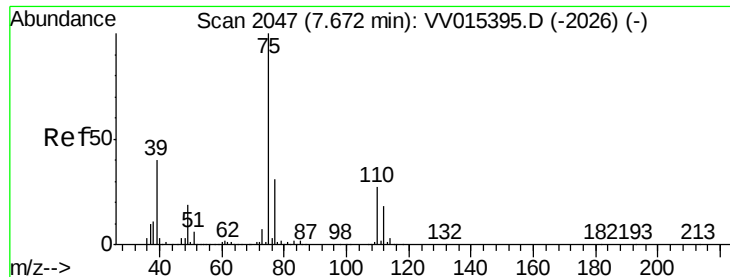
85 74.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

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ClientSampleId :

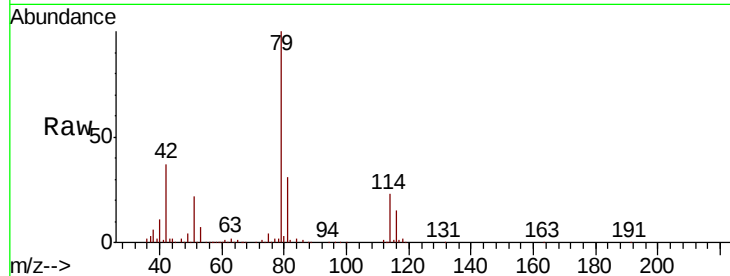
VBLK66

Tot Ion: 75 Resp: 7035

Ion Ratio Lower Upper

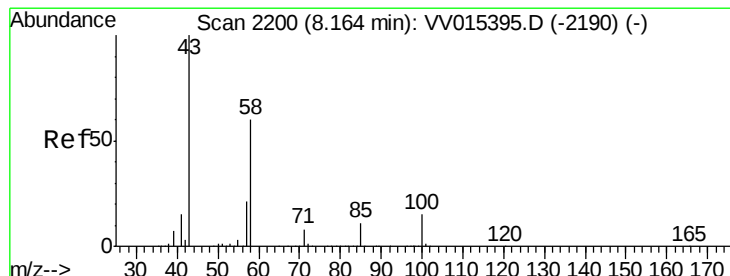
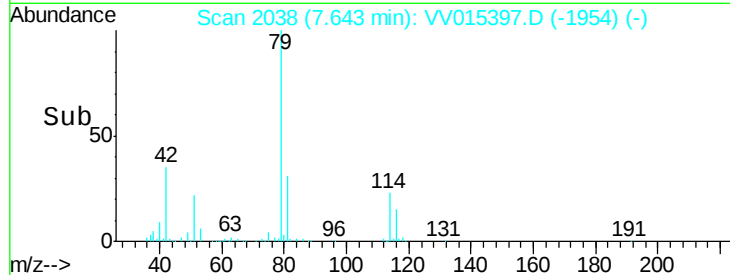
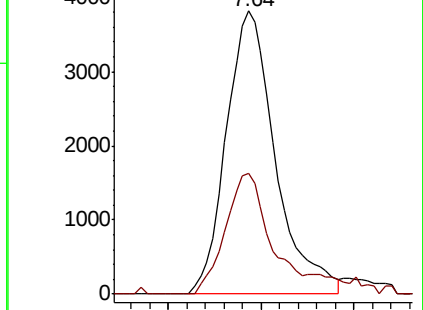
75 100

77 42.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 5.978 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015397.D

Acq: 03 Apr 2020 13:16

Tgt Ion: 43 Resp: 29344

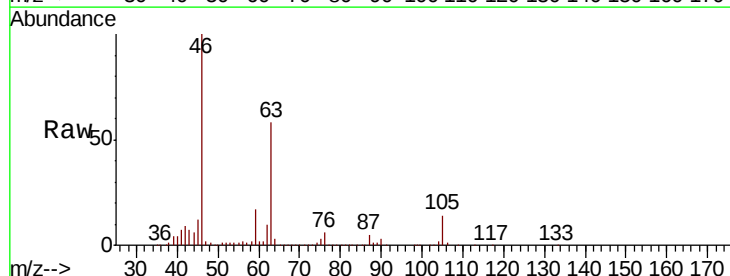
Ion Ratio Lower Upper

43 100

58 45.4 47.4 71.2#

57 24.8 16.7 25.1

100 0.6 11.5 17.3#



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

