

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015404.D
 Acq On : 03 Apr 2020 18:31
 Operator : SY/MD
 Sample : L2065-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Apr 04 00:18:24 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	788494	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	744549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	351448	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	262026	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.58	69	234023	38.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.50%
11) 1,1-Dichloroethene-d2	2.12	63	376169	29.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.54%#
21) 2-Butanone-d5	3.94	46	314165	83.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.60%
24) Chloroform-d	4.38	84	456112	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.06	65	294220	40.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.94%
32) Benzene-d6	5.08	84	936559	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.10	67	282120	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.46%
41) Toluene-d8	7.34	98	906520	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%
43) trans-1,3-Dichloropropene-	7.64	79	145383	38.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.84%
47) 2-Hexanone-d5	8.12	63	237273	76.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	397167	41.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	335669	41.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.98%

Target Compounds

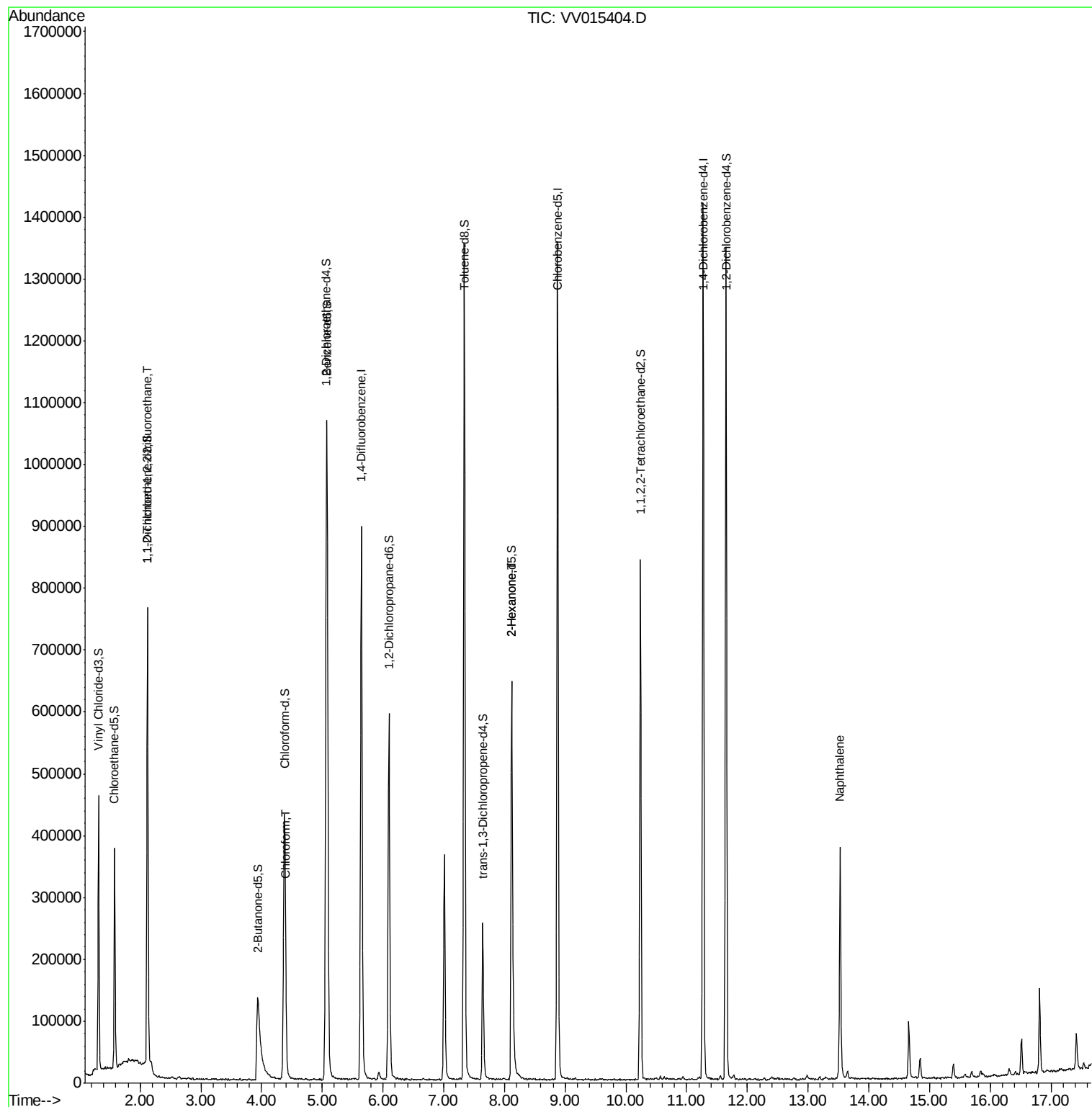
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4074	0.685 ug/L #	31
25) Chloroform	4.41	83	9440	0.888 ug/L	86
48) 2-Hexanone	8.12	43	30835	5.355 ug/L #	84
69) Naphthalene	13.53	128	300085	10.959 ug/L	99

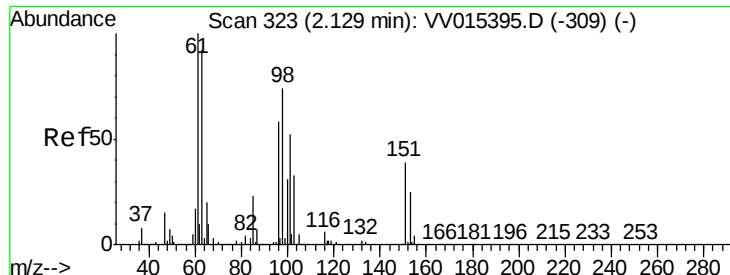
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.685 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VSTD05095

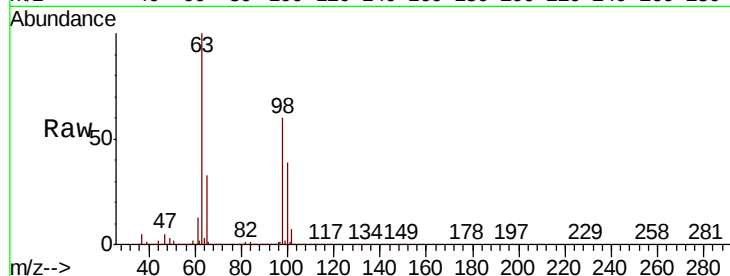
Tot Ion:101 Resp: 4074

Ion Ratio Lower Upper

101 100

85 2.7 36.1 54.1#

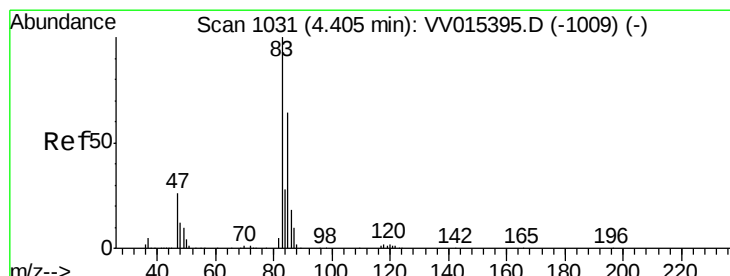
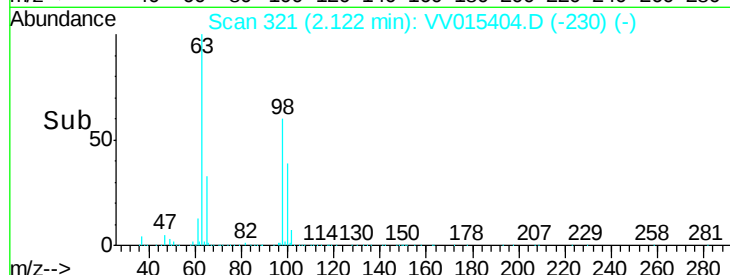
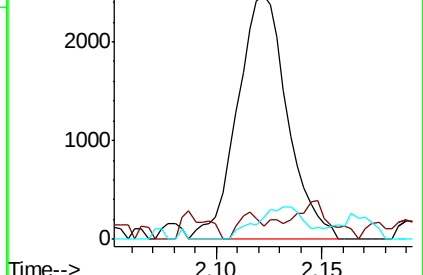
151 12.3 58.2 87.4#



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: 0.888 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. -0.00 min

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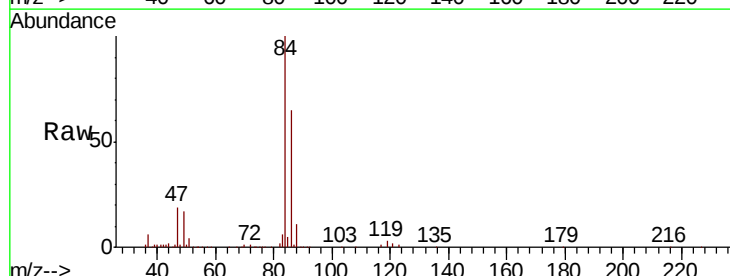
Acq: 03 Apr 2020 18:31

Tgt Ion: 83 Resp: 9440

Ion Ratio Lower Upper

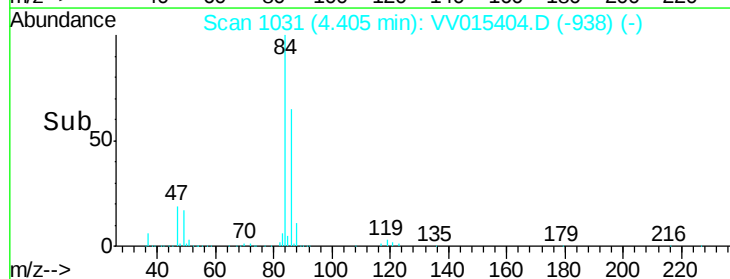
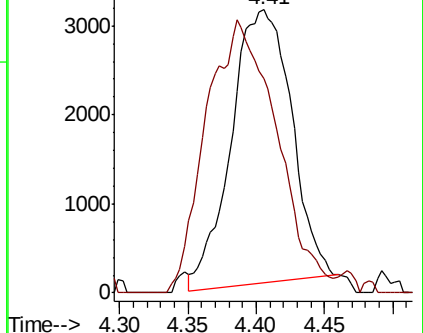
83 100

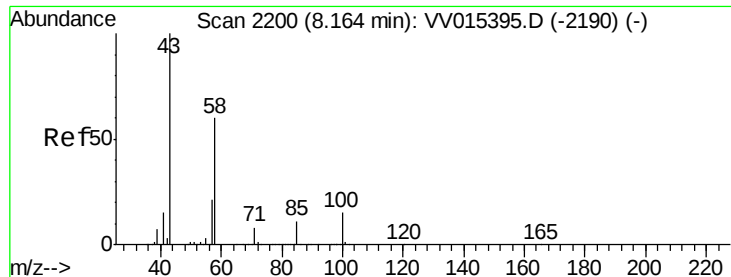
85 75.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

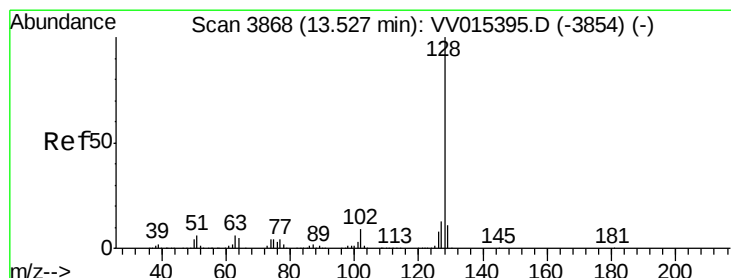
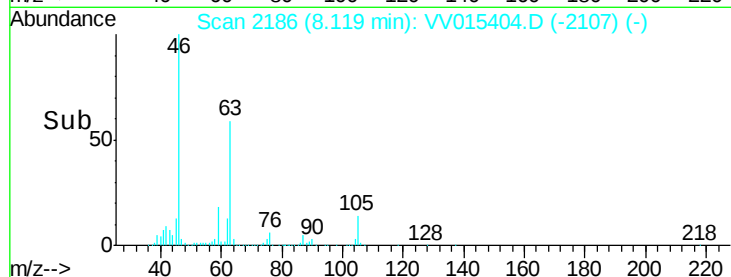
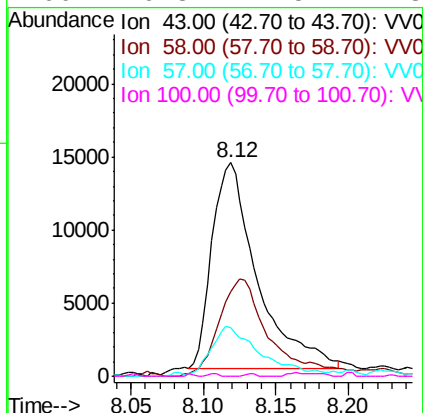
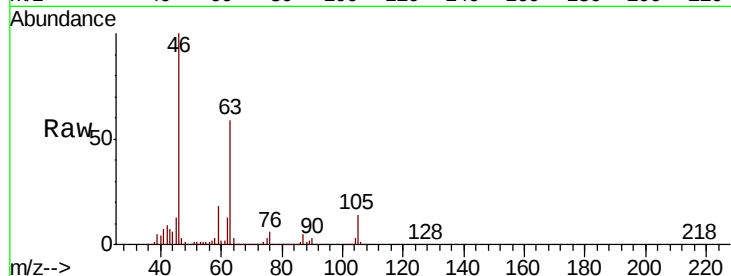




#48
2-Hexanone
Concen: 5.355 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 30835
Ion Ratio Lower Upper
43 100
58 47.8 47.4 71.2
57 24.3 16.7 25.1
100 0.3 11.5 17.3#



#69
Naphthalene
Concen: 10.959 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV015404.D
Acq: 03 Apr 2020 18:31

Tgt Ion:128 Resp: 300085
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

