

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015294.D
 Acq On : 31 Mar 2020 00:57
 Operator : SY/MD
 Sample : VV0330WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 06:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 06:20:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	595775	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	575612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	238793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193784	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.22%
7) Chloroethane-d5	1.58	69	184188	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.12%
11) 1,1-Dichloroethene-d2	2.01	63	368	0.04	ug/L	-0.11
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	3.93	46	274923	96.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	4.38	84	362304	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.78%
26) 1,2-Dichloroethane-d4	5.06	65	251821	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
32) Benzene-d6	5.08	84	706334	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	6.10	67	226468	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.40%
41) Toluene-d8	7.34	98	670281	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%
43) trans-1,3-Dichloropropene-	7.64	79	112851	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.12	63	233291	105.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	329587	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	230768	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

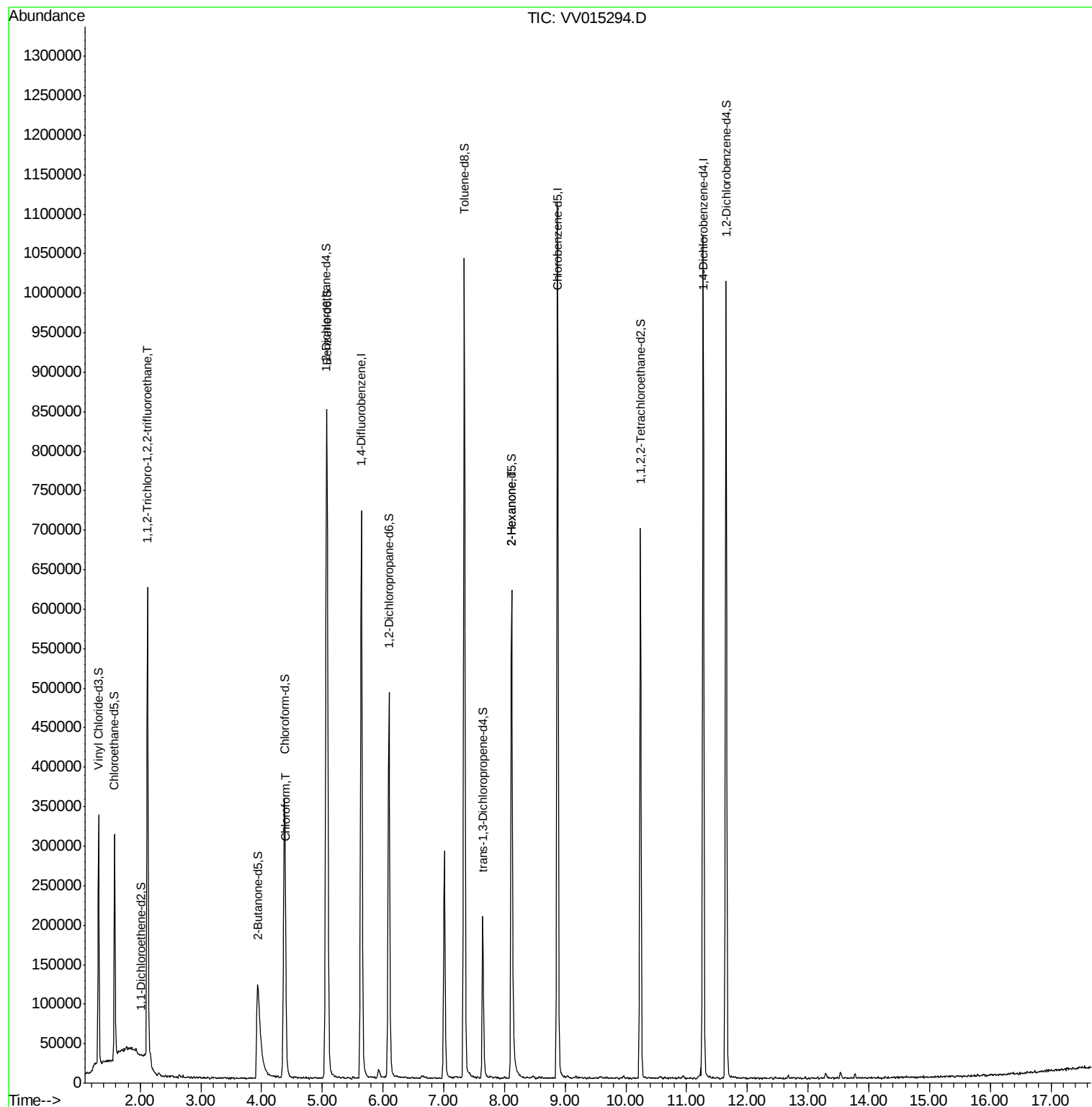
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3769	0.828 ug/L #	30
25) Chloroform	4.40	83	6819	0.928 ug/L	87
48) 2-Hexanone	8.12	43	27813	6.291 ug/L #	75

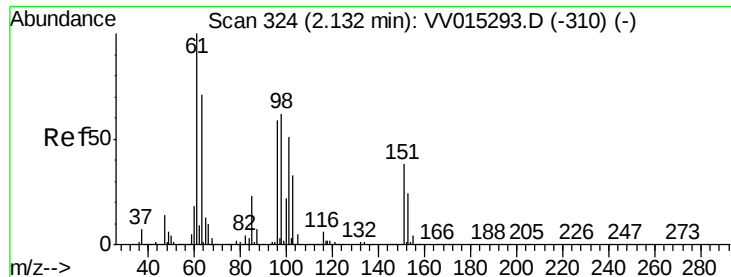
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.828 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015294.D

Acq: 31 Mar 2020 00:57

Instrument :

MSVOA_V

ClientSampleId :

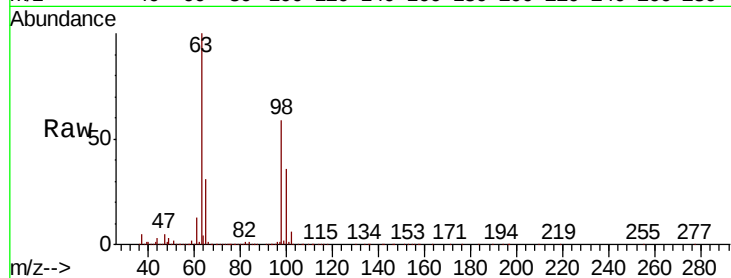
Tot Ion:101 Resp: 3769

Ion Ratio Lower Upper

101 100

85 4.1 35.0 52.6#

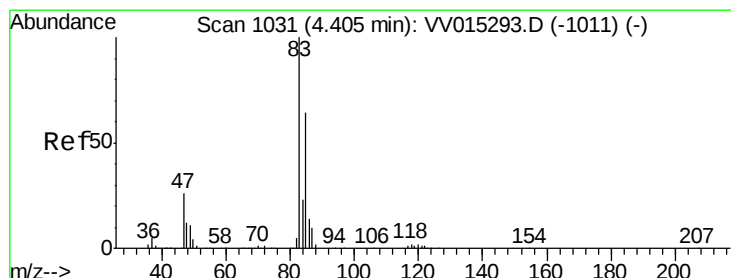
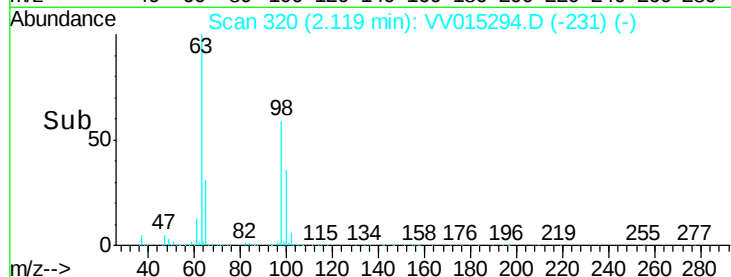
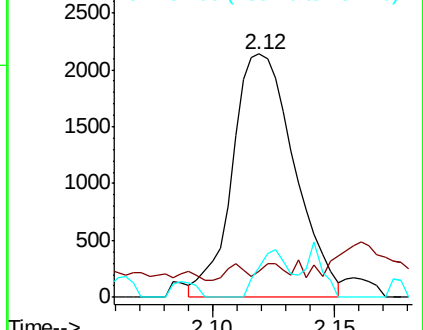
151 9.9 58.2 87.4#



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: 0.928 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015294.D

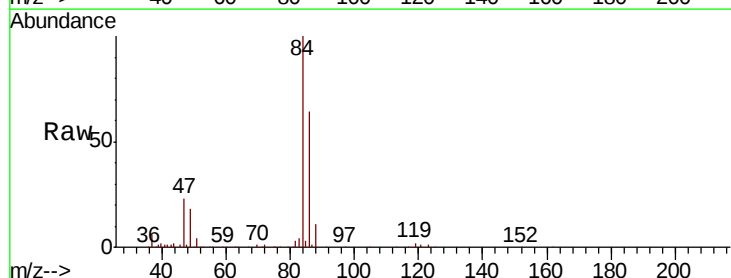
Acq: 31 Mar 2020 00:57

Tgt Ion: 83 Resp: 6819

Ion Ratio Lower Upper

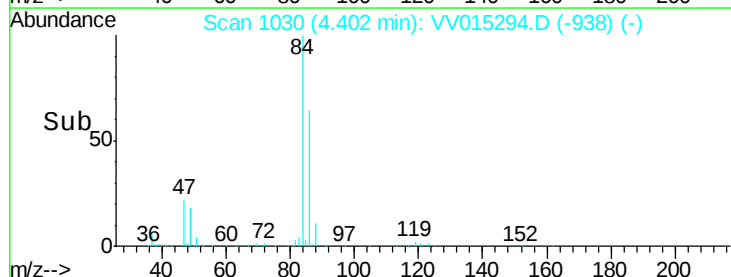
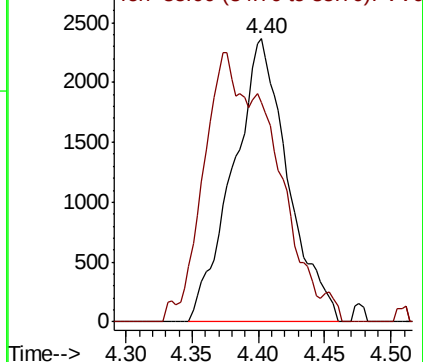
83 100

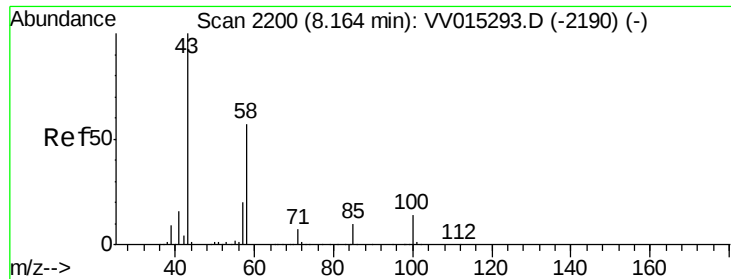
85 77.3 46.6 86.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#48

2-Hexanone

Concen: 6.291 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015294.D

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Tot Ion: 43 Resp: 27813

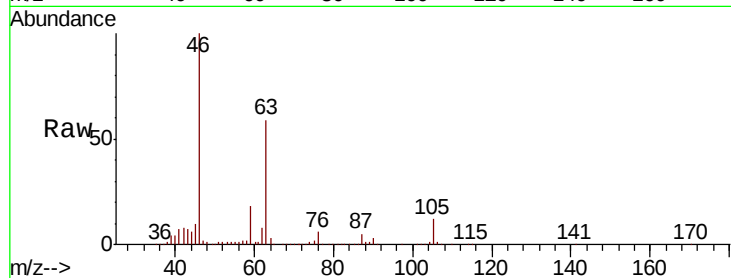
Ion Ratio Lower Upper

43 100

58 37.5 47.0 70.6#

57 24.3 16.2 24.2#

100 0.3 11.0 16.6#



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

