

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019113.D
 Acq On : 26 Oct 2020 12:39
 Operator : SY/MD
 Sample : L4502-15 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG454

Quant Time: Oct 27 07:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277559	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100330	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.58	69	83536	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.32%
11) 1,1-Dichloroethene-d2	2.12	63	156026	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.08%
21) 2-Butanone-d5	3.91	46	144240	85.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.06%
24) Chloroform-d	4.38	84	193173	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	137093	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.08	84	374265	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.09	67	120274	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.84%
41) Toluene-d8	7.34	98	335036	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%
43) trans-1,3-Dichloropropene-	7.64	79	60572	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
47) 2-Hexanone-d5	8.11	63	103607	86.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	155836	42.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	135221	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

Target Compounds

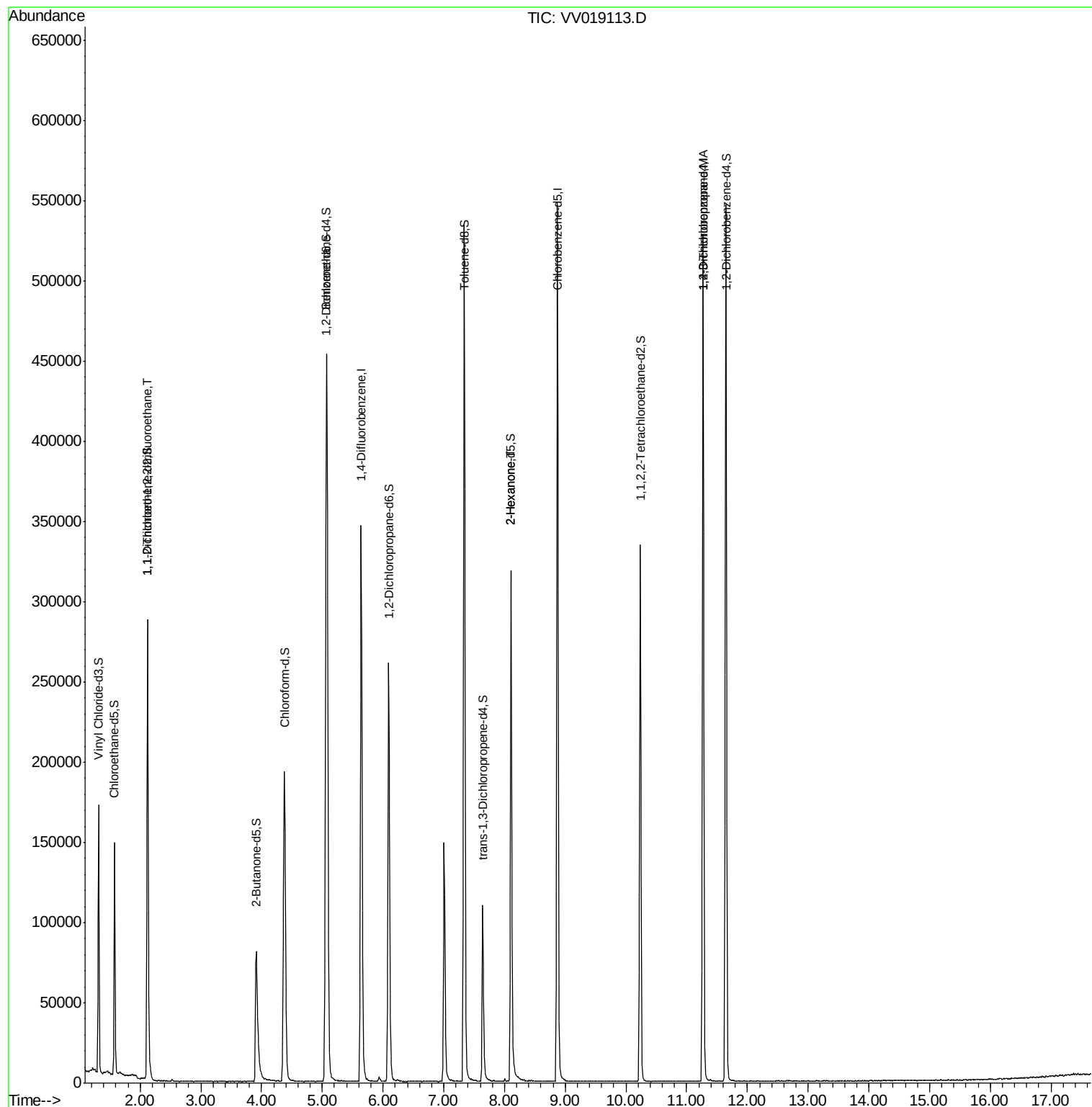
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1267	0.684 ug/L #	20
48) 2-Hexanone	8.11	43	13552	5.526 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	15782	5.730 ug/L	89

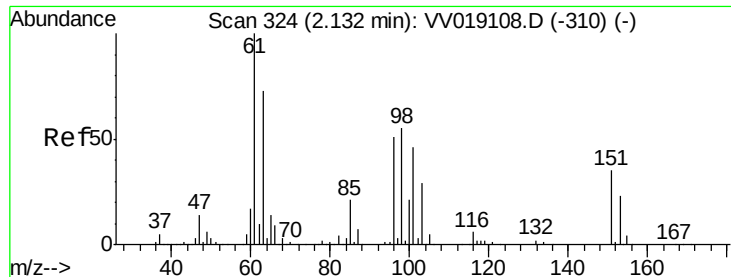
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.684 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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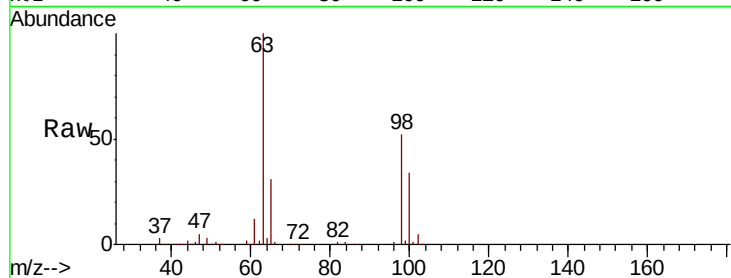
Tot Ion:101 Resp: 1267

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

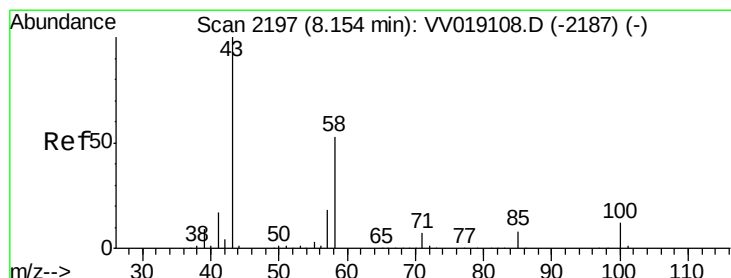
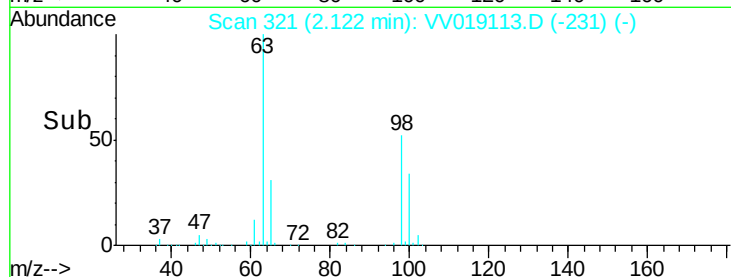
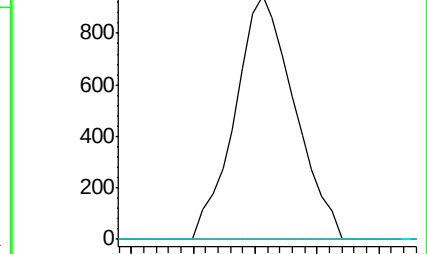
151 0.0 58.2 87.2#



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



#48

2-Hexanone

Concen: 5.526 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 13552

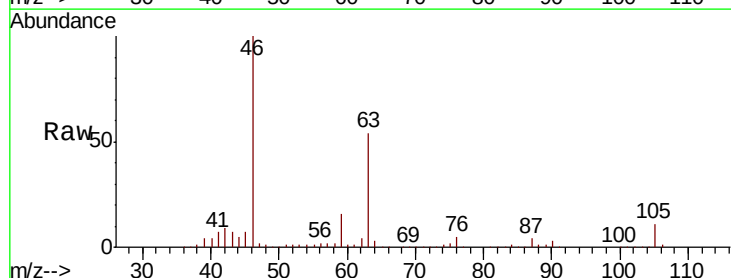
Ion Ratio Lower Upper

43 100

58 26.8 41.1 61.7#

57 26.9 14.7 22.1#

100 0.5 8.6 12.8#

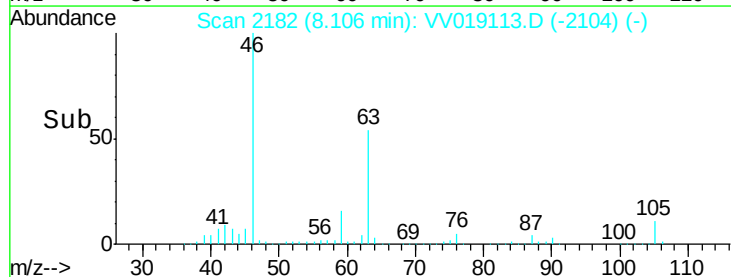
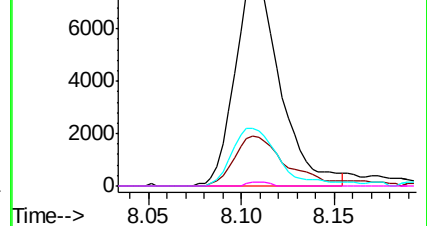


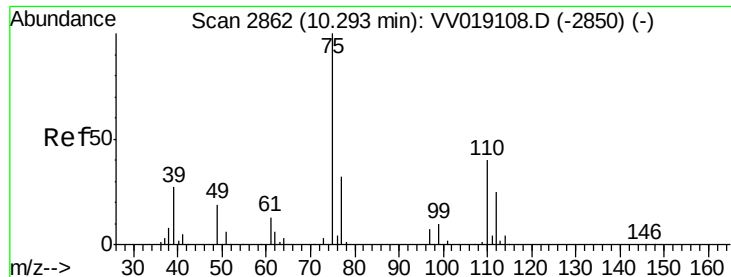
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.730 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

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Tot Ion: 75 Resp: 15782

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9

