

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122120\
 Data File : VV019770.D
 Acq On : 21 Dec 2020 11:54
 Operator : SY/MD
 Sample : L5024-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 00:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 22 00:24:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	720578	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	674237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	306832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	219144	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.82%
7) Chloroethane-d5	1.57	69	187591	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.11	63	333631	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.58%
21) 2-Butanone-d5	3.89	46	344627	122.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.71%
24) Chloroform-d	4.35	84	430443	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.03	65	300707	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
32) Benzene-d6	5.05	84	870293	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.07	67	281511	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.32	98	766081	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.62	79	136492	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.20%
47) 2-Hexanone-d5	8.09	63	207885	94.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.03%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340599	44.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.63	152	281332	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

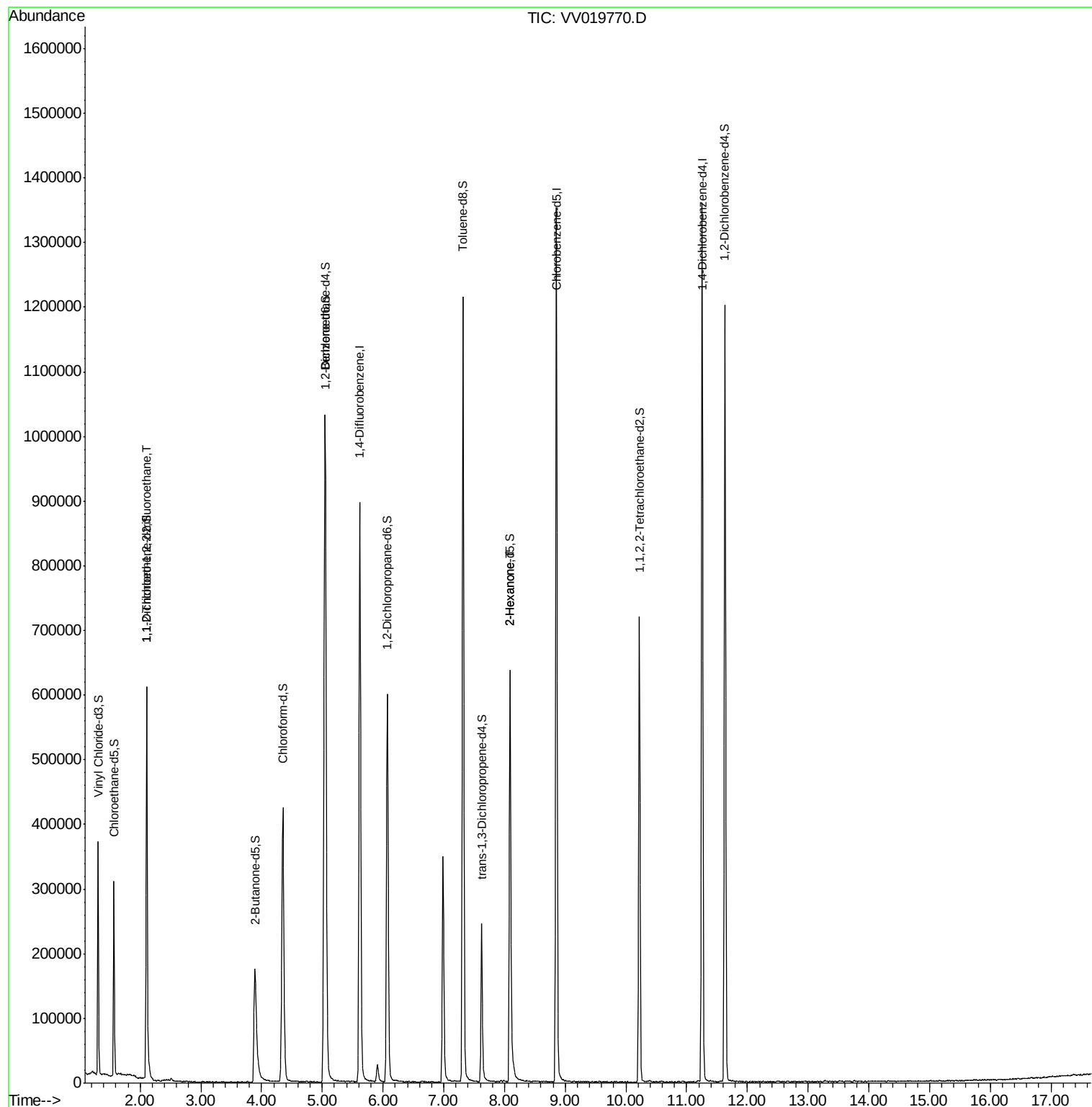
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2968	0.709 ug/L #	22
48) 2-Hexanone	8.09	43	26207	4.652 ug/L #	73

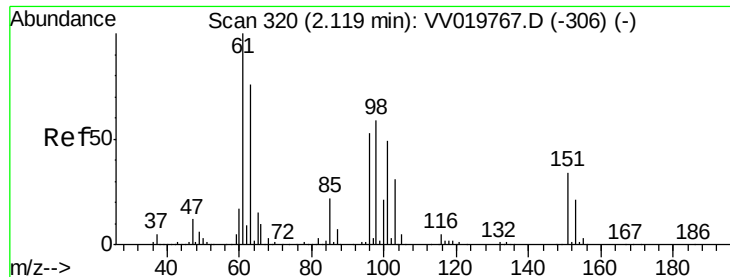
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.709 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.01 min

Lab File: VV019770.D

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Instrument :

MSVOA_V

ClientSampleId :

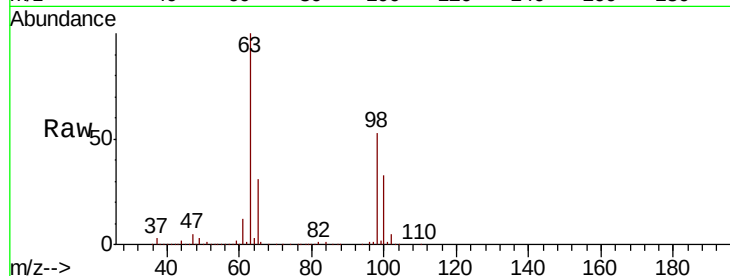
Tot Ion:101 Resp: 2968

Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

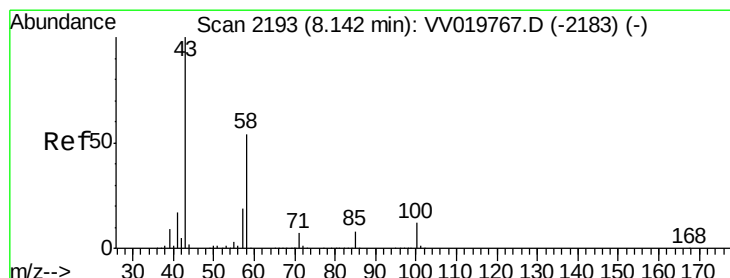
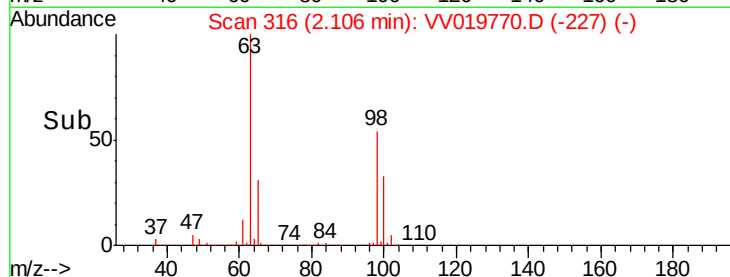
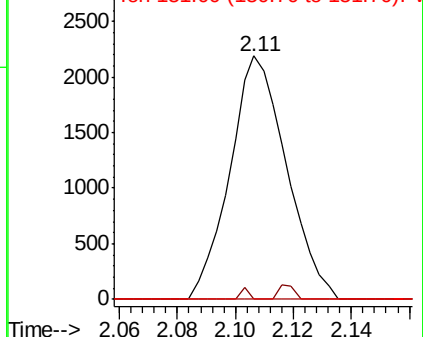
151 0.0 55.8 83.8#



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: 4.652 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 26207

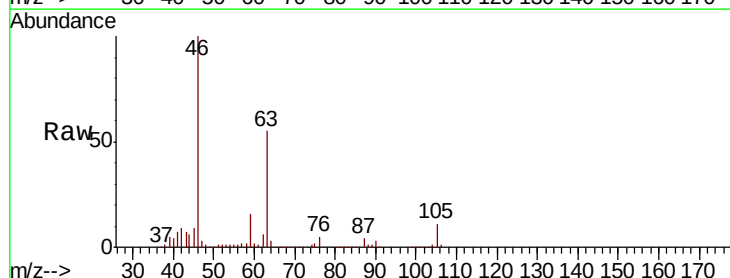
Ion Ratio Lower Upper

43 100

58 31.6 44.4 66.6#

57 23.8 15.7 23.5#

100 0.7 9.9 14.9#



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

