

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019105.D
 Acq On : 23 Oct 2020 20:28
 Operator : SY/MD
 Sample : L4471-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274762	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104568	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.78%
7) Chloroethane-d5	1.58	69	87087	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.12	63	163264	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	3.92	46	137776	82.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.07%
24) Chloroform-d	4.38	84	194294	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.06	65	138195	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.07	84	376420	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
36) 1,2-Dichloropropane-d6	6.09	67	118122	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.34	98	334835	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.64	79	57921	41.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.18%
47) 2-Hexanone-d5	8.11	63	101134	85.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	150590	41.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	134724	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%

Target Compounds

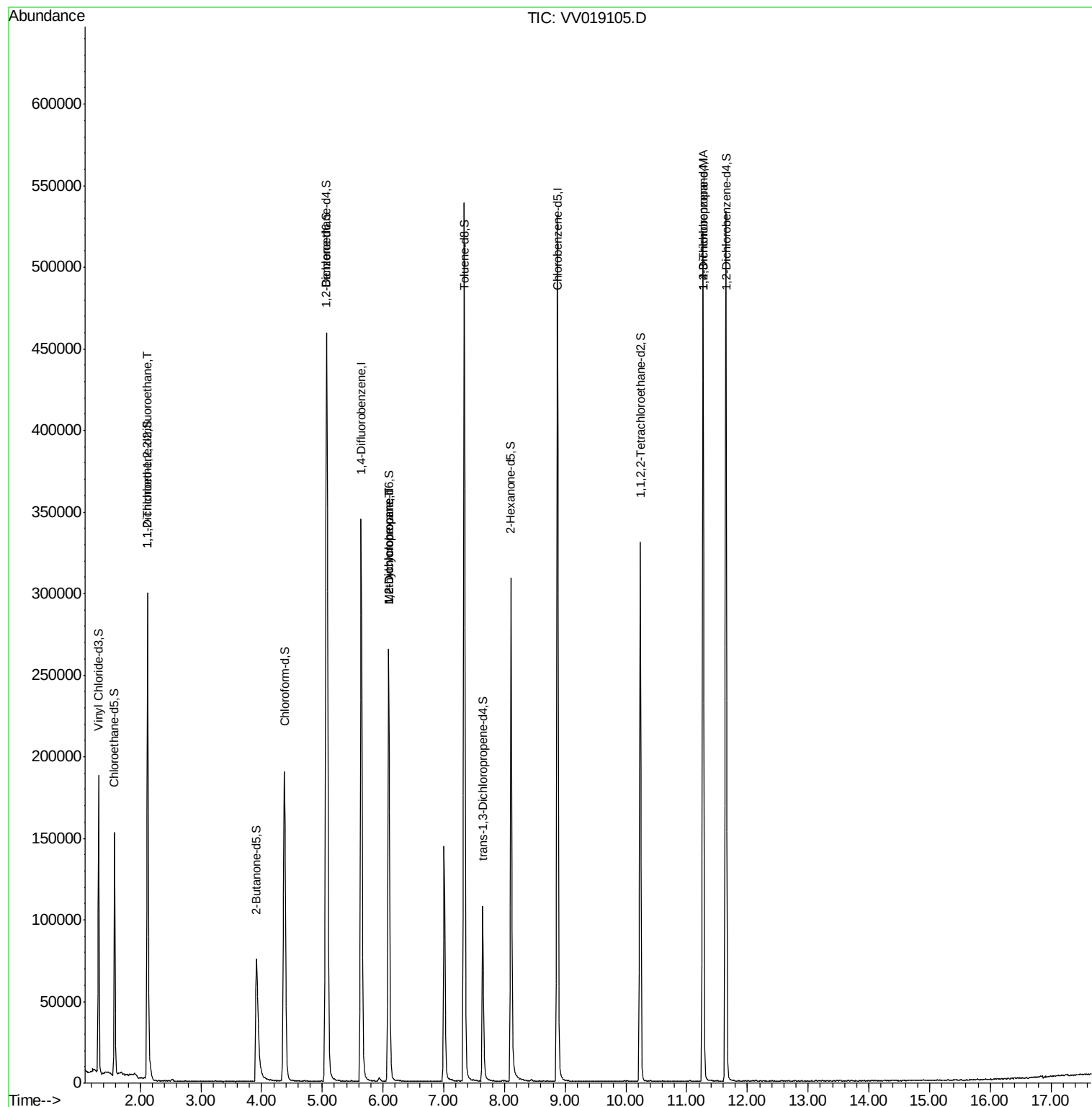
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1364	0.744 ug/L #	20
35) Methylcyclohexane	6.09	83	28970	9.979 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	14513	6.278 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	14961	5.535 ug/L #	87

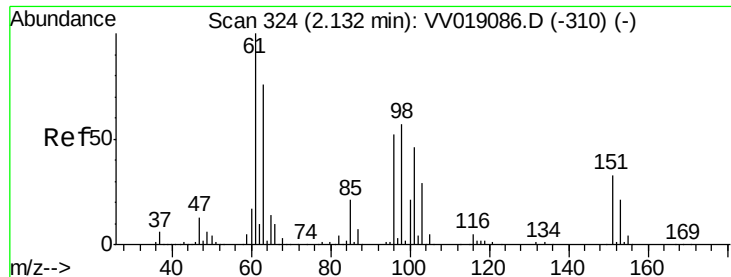
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.744 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019105.D

Acq: 23 Oct 2020 20:28

Instrument :

MSVOA_V

ClientSampled :

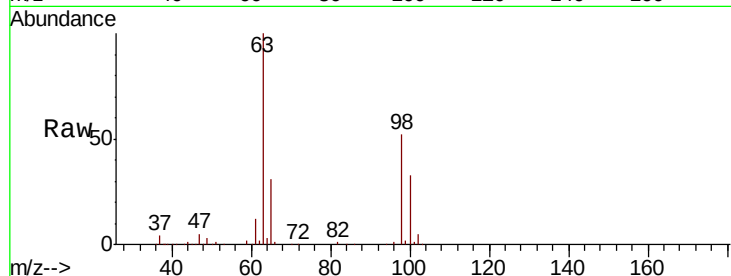
Tot Ion:101 Resp: 1364

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

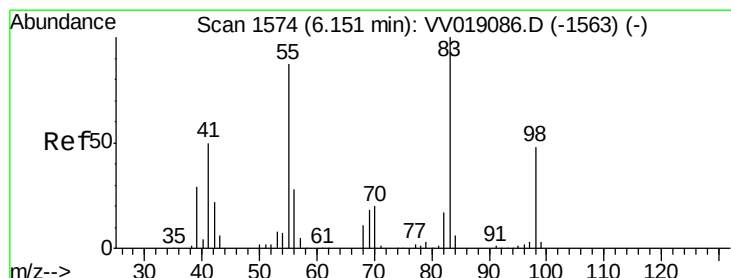
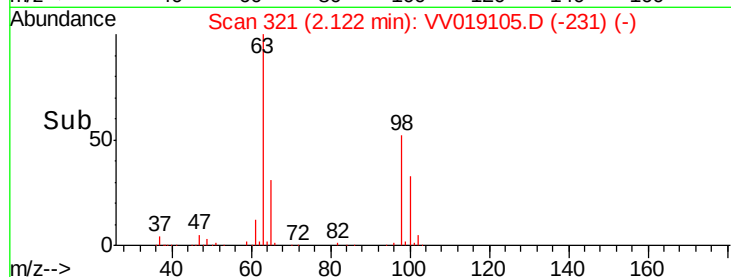
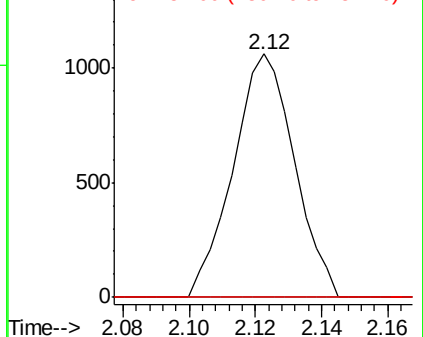
151 0.0 58.2 87.2#



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



#35

Methylcyclohexane

Concen: 9.979 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019105.D

Acq: 23 Oct 2020 20:28

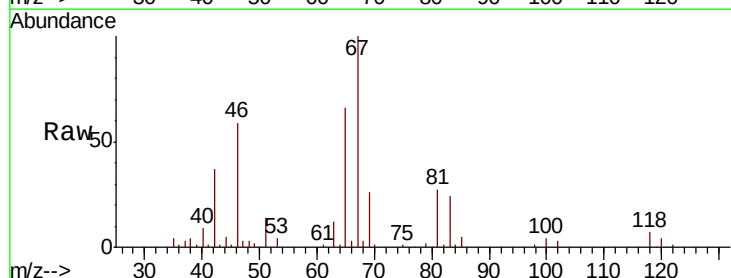
Tgt Ion: 83 Resp: 28970

Ion Ratio Lower Upper

83 100

55 0.3 68.1 102.1#

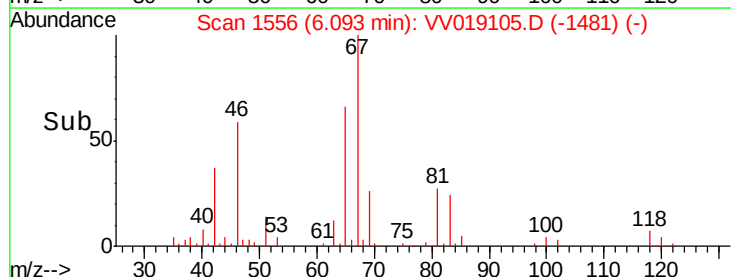
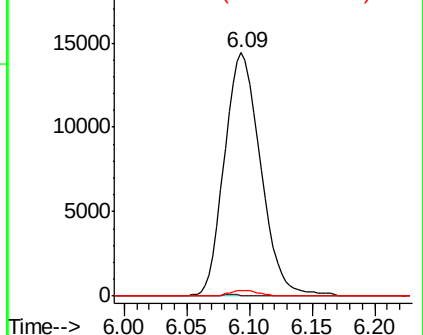
98 1.7 37.9 56.9#

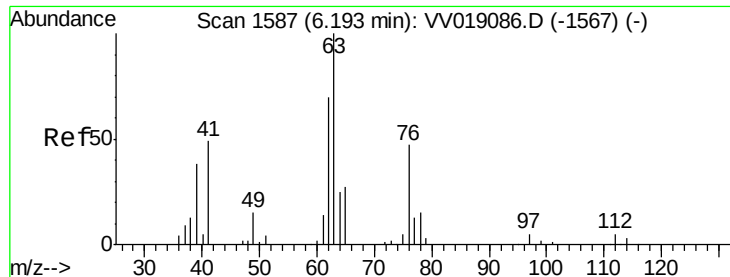


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

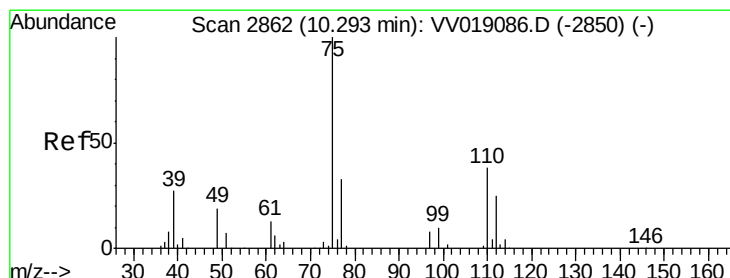
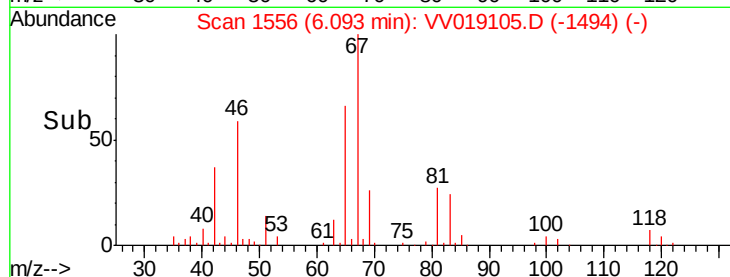
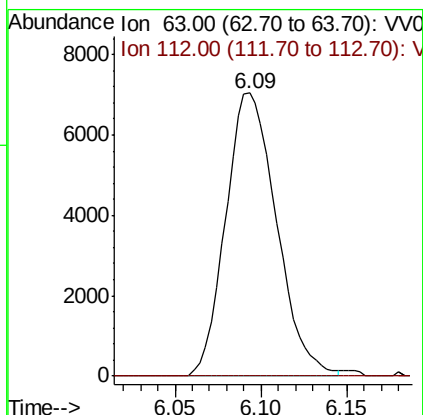
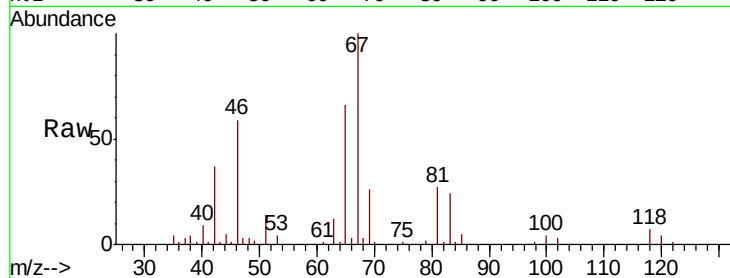




#37
 1,2-Dichloropropane
 Concen: 6.278 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019105.D
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Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 14513
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.535 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019105.D
 Acq: 23 Oct 2020 20:28

Tgt Ion: 75 Resp: 14961
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.9 38.9#

