

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019099.D
 Acq On : 23 Oct 2020 18:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:53 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	262450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100059	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.94%
7) Chloroethane-d5	1.58	69	85195	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.78%
11) 1,1-Dichloroethene-d2	2.12	63	158947	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	3.92	46	140119	87.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.38%
24) Chloroform-d	4.38	84	185604	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.06	65	137085	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.07	84	361838	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.09	67	115536	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.34	98	318872	45.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.64	79	58697	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.11	63	100011	89.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147758	43.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	127453	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%

Target Compounds

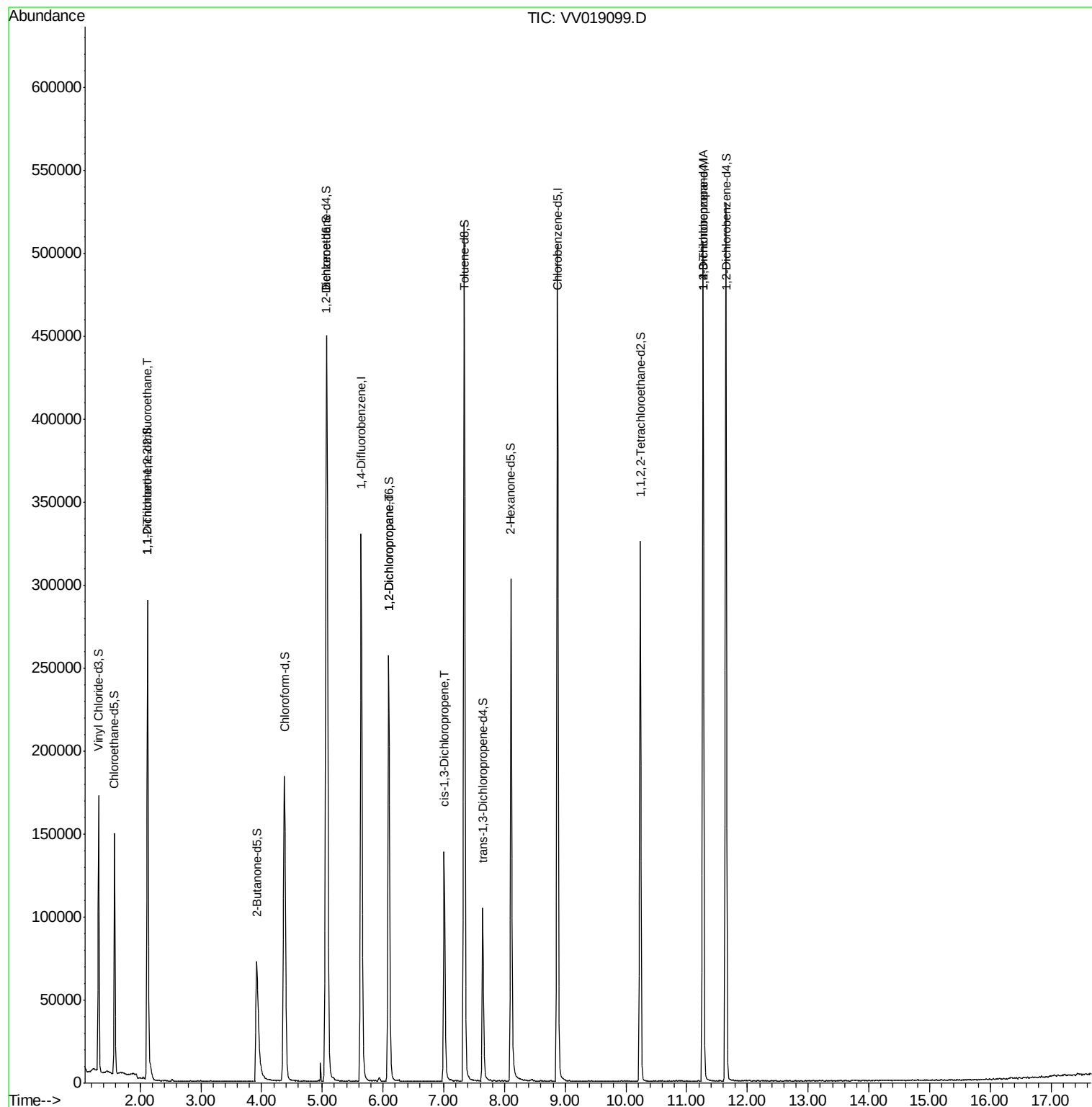
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1324	0.756 ug/L #	20
37) 1,2-Dichloropropane	6.09	63	13603	6.245 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3785	1.176 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14894	5.848 ug/L	89

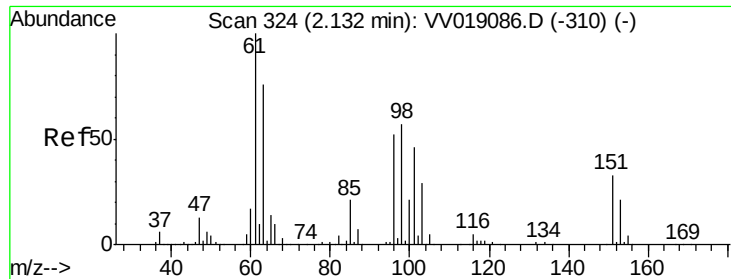
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.756 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019099.D

Acq: 23 Oct 2020 18:06

Instrument :

MSVOA_V

ClientSampled :

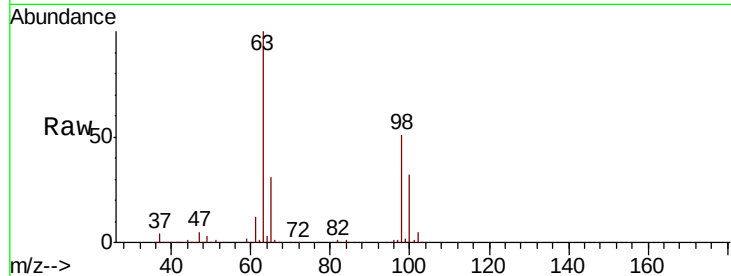
Tot Ion:101 Resp: 1324

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

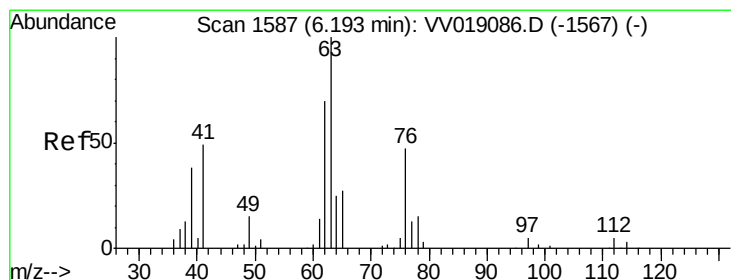
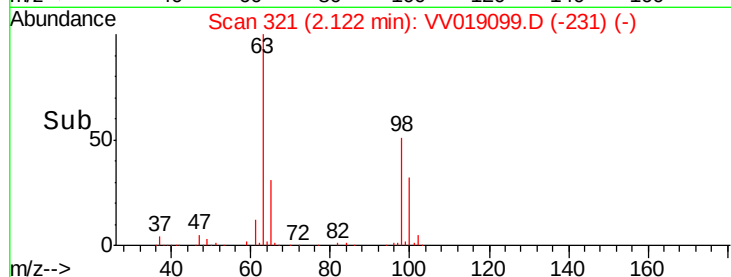
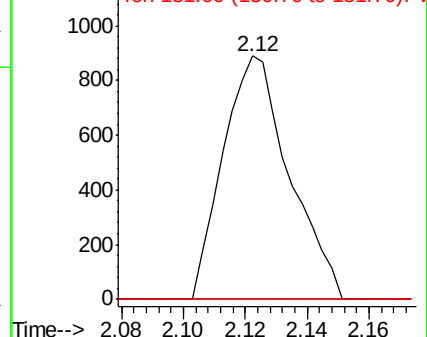
151 0.0 58.2 87.2#



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



#37

1,2-Dichloropropane

Concen: 6.245 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019099.D

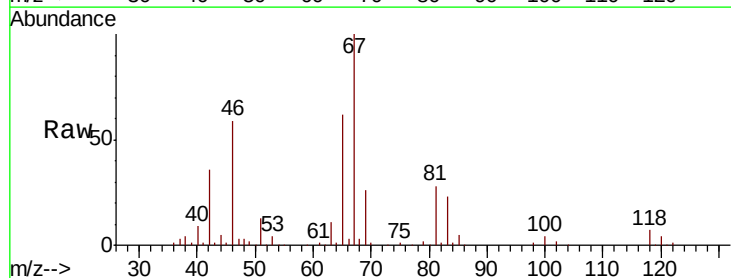
Acq: 23 Oct 2020 18:06

Tgt Ion: 63 Resp: 13603

Ion Ratio Lower Upper

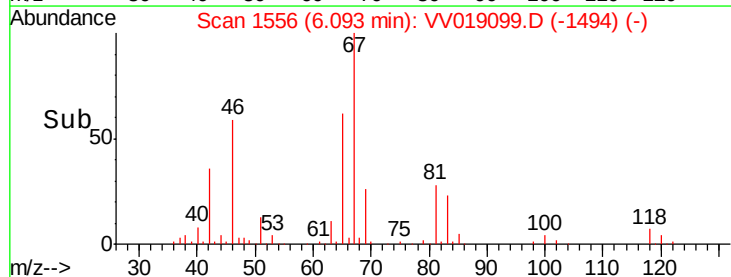
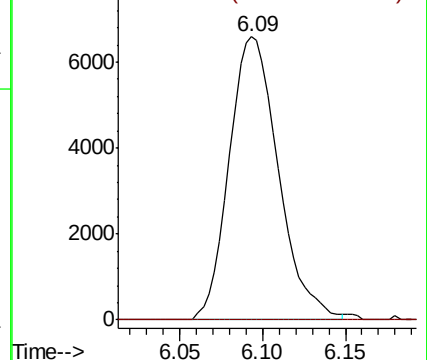
63 100

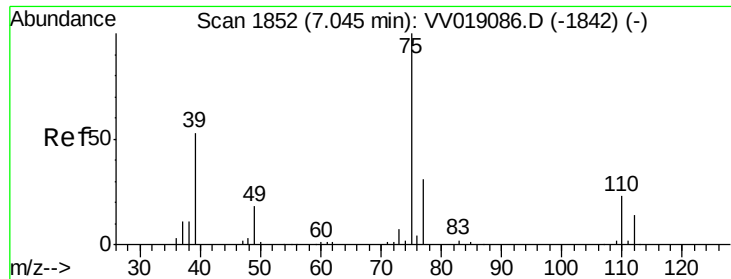
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

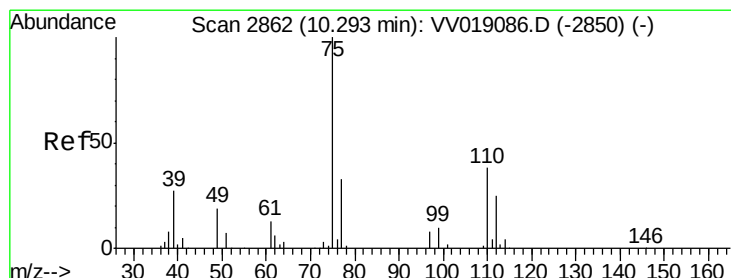
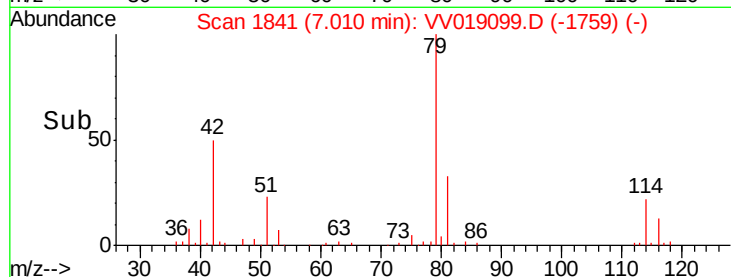
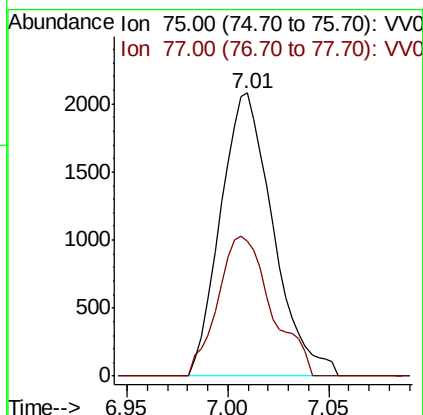
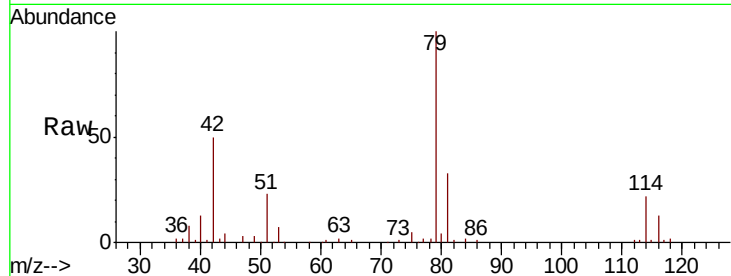




#39
 cis-1,3-Dichloropropene
 Concen: 1.176 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019099.D
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Instrument :
 MSVOA_V
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Tot Ion: 75 Resp: 3785
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.848 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019099.D
 Acq: 23 Oct 2020 18:06

Tgt Ion: 75 Resp: 14894
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.9 38.9

