

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019087.D
 Acq On : 23 Oct 2020 11:07
 Operator : SY/MD
 Sample : VV1023MBL01
 Misc : 5.00G/10ML/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:32:29 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	283343	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105592	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.04%
7) Chloroethane-d5	1.58	69	91448	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.12	63	165560	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
21) 2-Butanone-d5	3.91	46	155809	90.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.00%
24) Chloroform-d	4.37	84	201704	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.05	65	142751	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.07	84	380431	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.09	67	126478	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.34	98	333587	43.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.94%
43) trans-1,3-Dichloropropene-	7.64	79	61671	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.11	63	109960	90.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.99%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	161246	43.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	135533	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%

Target Compounds

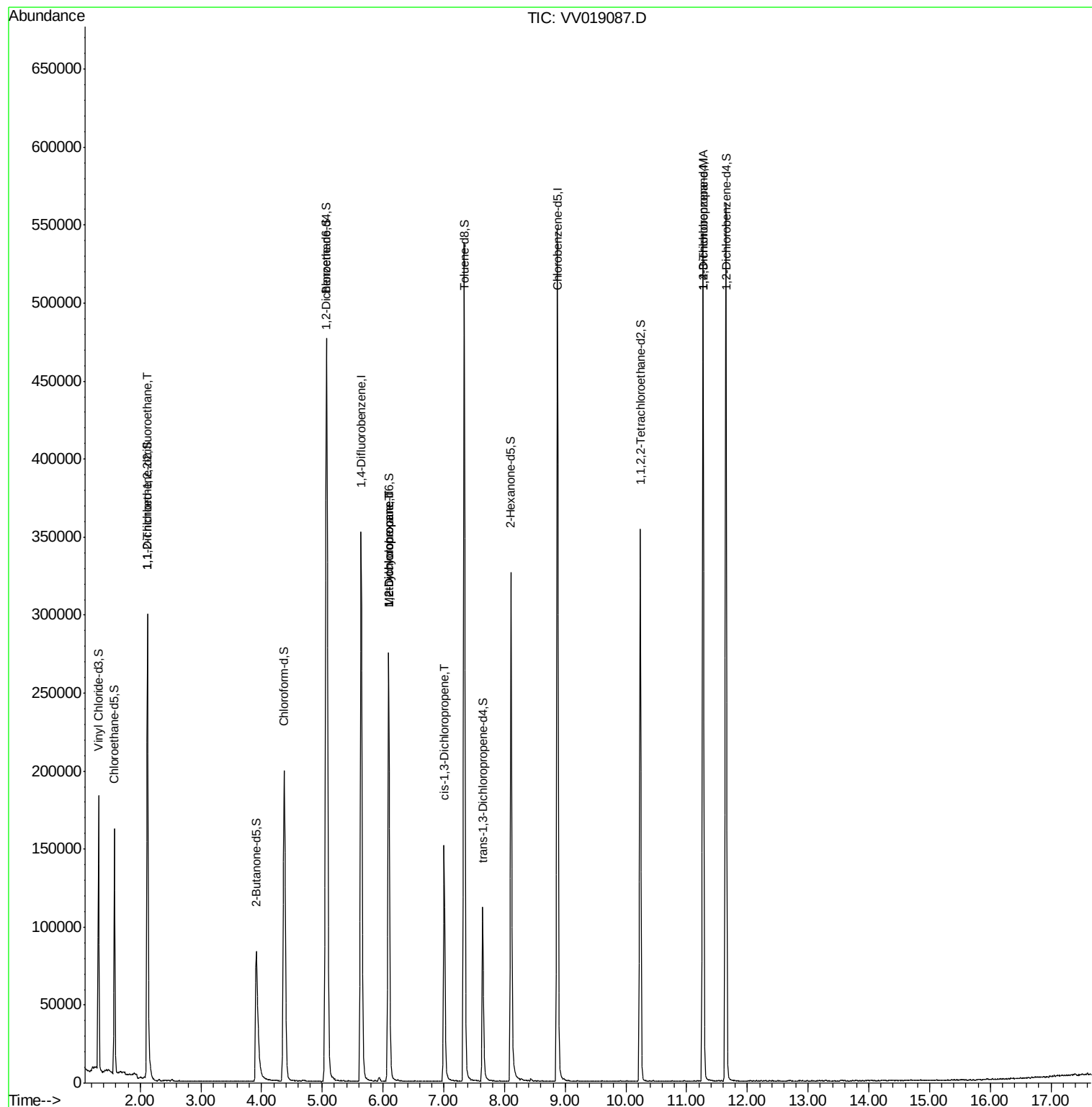
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1452	0.768 ug/L #	20
35) Methylcyclohexane	6.09	83	29874	10.061 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	14870	6.290 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3922	1.122 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	16408	5.935 ug/L #	88

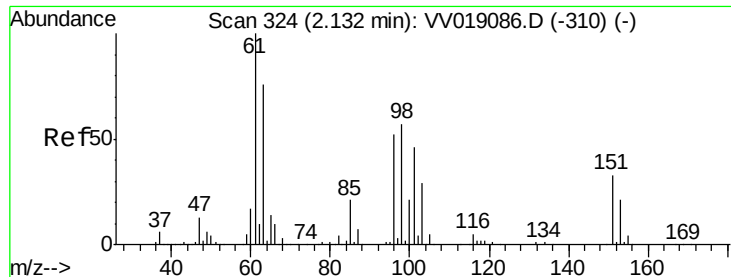
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.768 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019087.D

Acq: 23 Oct 2020 11:07

Instrument :

MSVOA_V

ClientSampled :

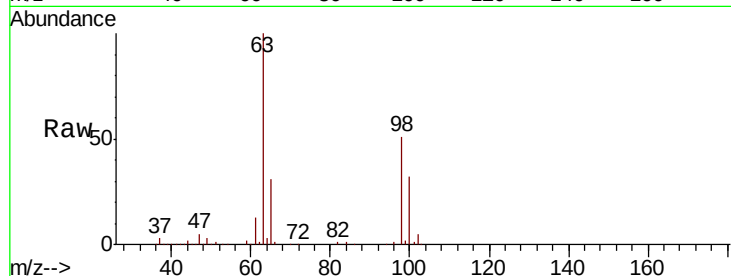
Tot Ion:101 Resp: 1452

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

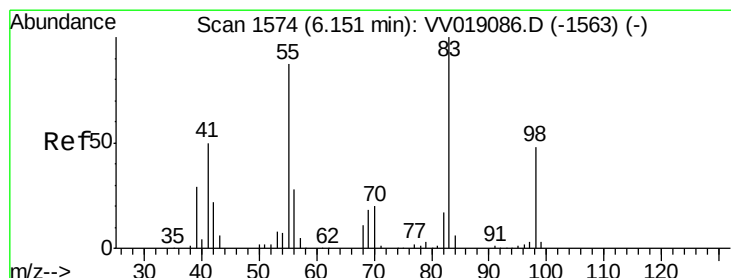
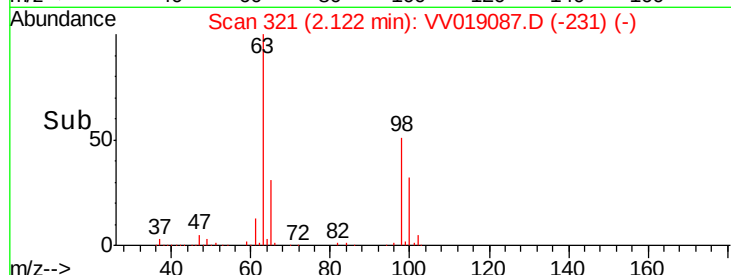
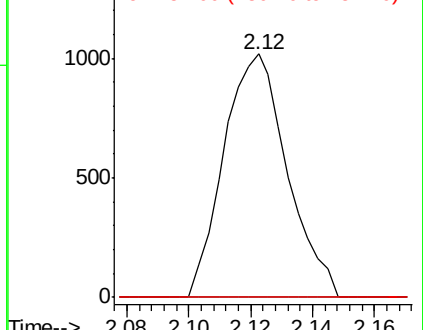
151 0.0 58.2 87.2#



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: 10.061 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019087.D

Acq: 23 Oct 2020 11:07

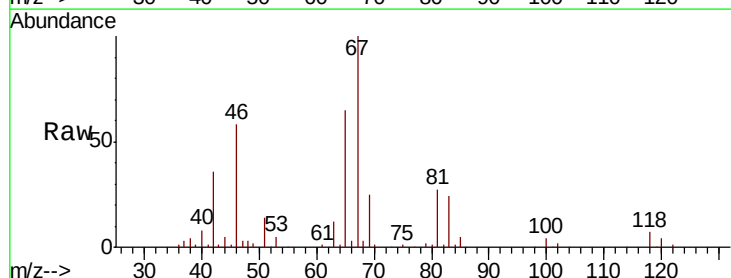
Tgt Ion: 83 Resp: 29874

Ion Ratio Lower Upper

83 100

55 0.8 68.1 102.1#

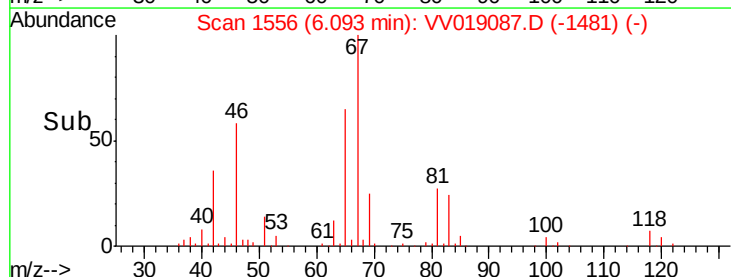
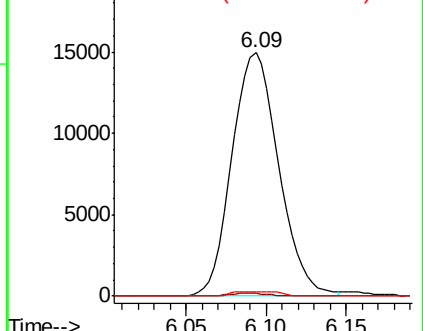
98 1.8 37.9 56.9#

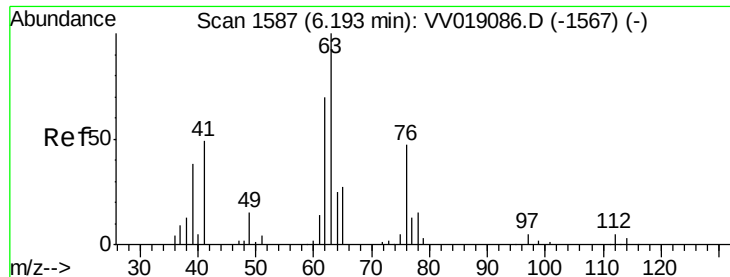


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

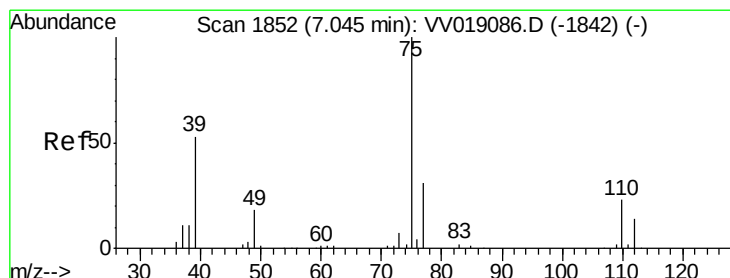
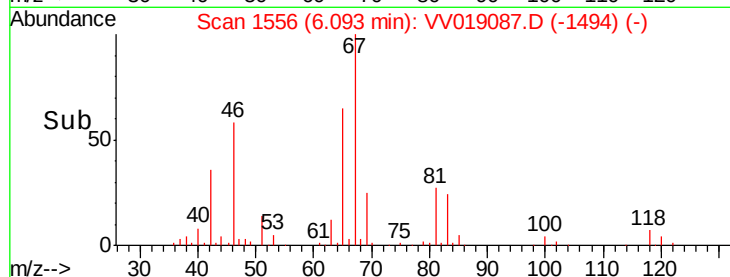
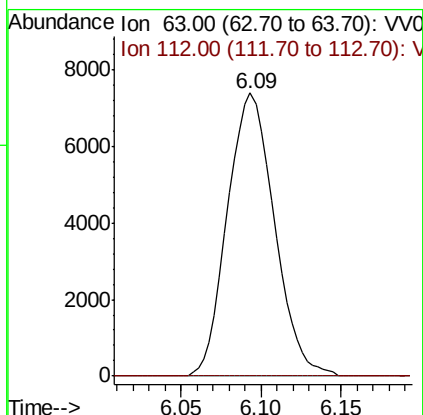
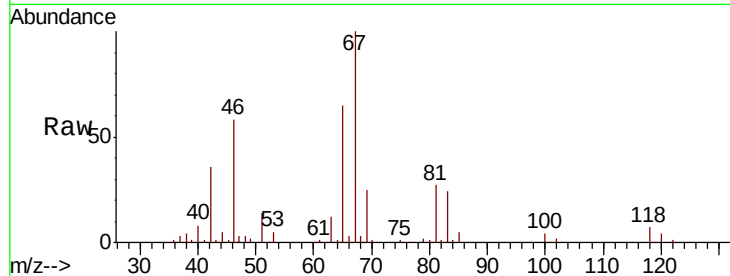




#37
 1,2-Dichloropropane
 Concen: 6.290 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019087.D
 Acq: 23 Oct 2020 11:07

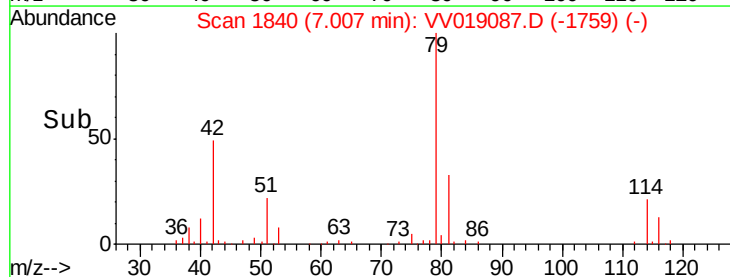
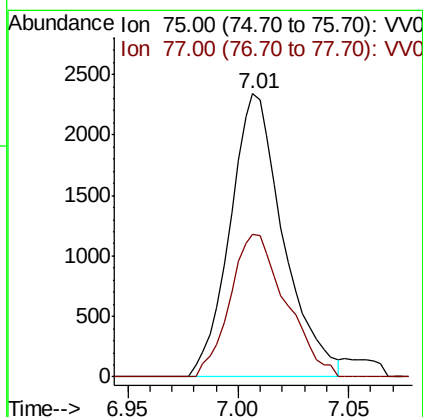
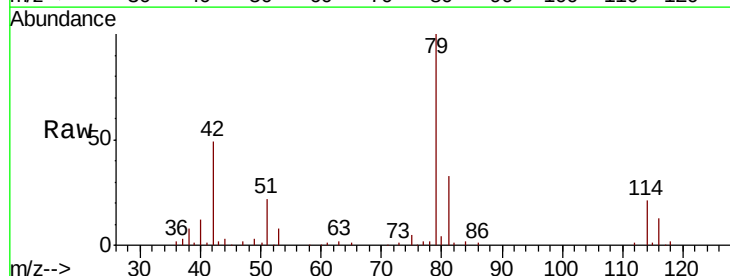
Instrument :
 MSVOA_V
 ClientSampleId :

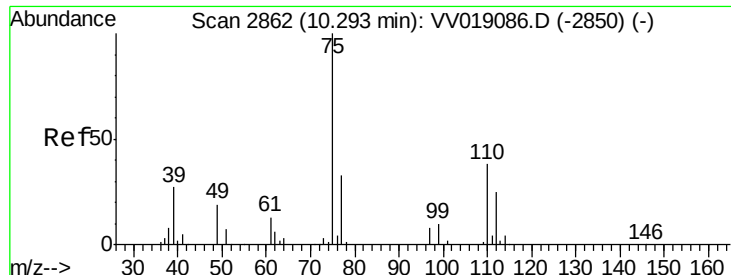
Tot Ion: 63 Resp: 14870
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.122 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019087.D
 Acq: 23 Oct 2020 11:07

Tgt Ion: 75 Resp: 3922
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.935 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019087.D

Acq: 23 Oct 2020 11:07

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16408

Ion Ratio Lower Upper

75 100

77 39.0 25.9 38.9#

