

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019597.D
 Acq On : 14 Dec 2020 11:55
 Operator : SY/MD
 Sample : VV1214MBL01
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA-V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK67

Quant Time: Dec 15 07:22:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	675502	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630340	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	296414	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	189166	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.10%
7) Chloroethane-d5	1.57	69	168449	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.18%
11) 1,1-Dichloroethene-d2	2.11	63	289271	32.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	3.90	46	270443	102.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.35	84	390846	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.04	65	267445	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
32) Benzene-d6	5.05	84	764580	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
36) 1,2-Dichloropropane-d6	6.07	67	246322	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.32	98	673499	44.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.62	79	126347	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.36%
47) 2-Hexanone-d5	8.09	63	198666	96.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	332186	46.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	255643	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

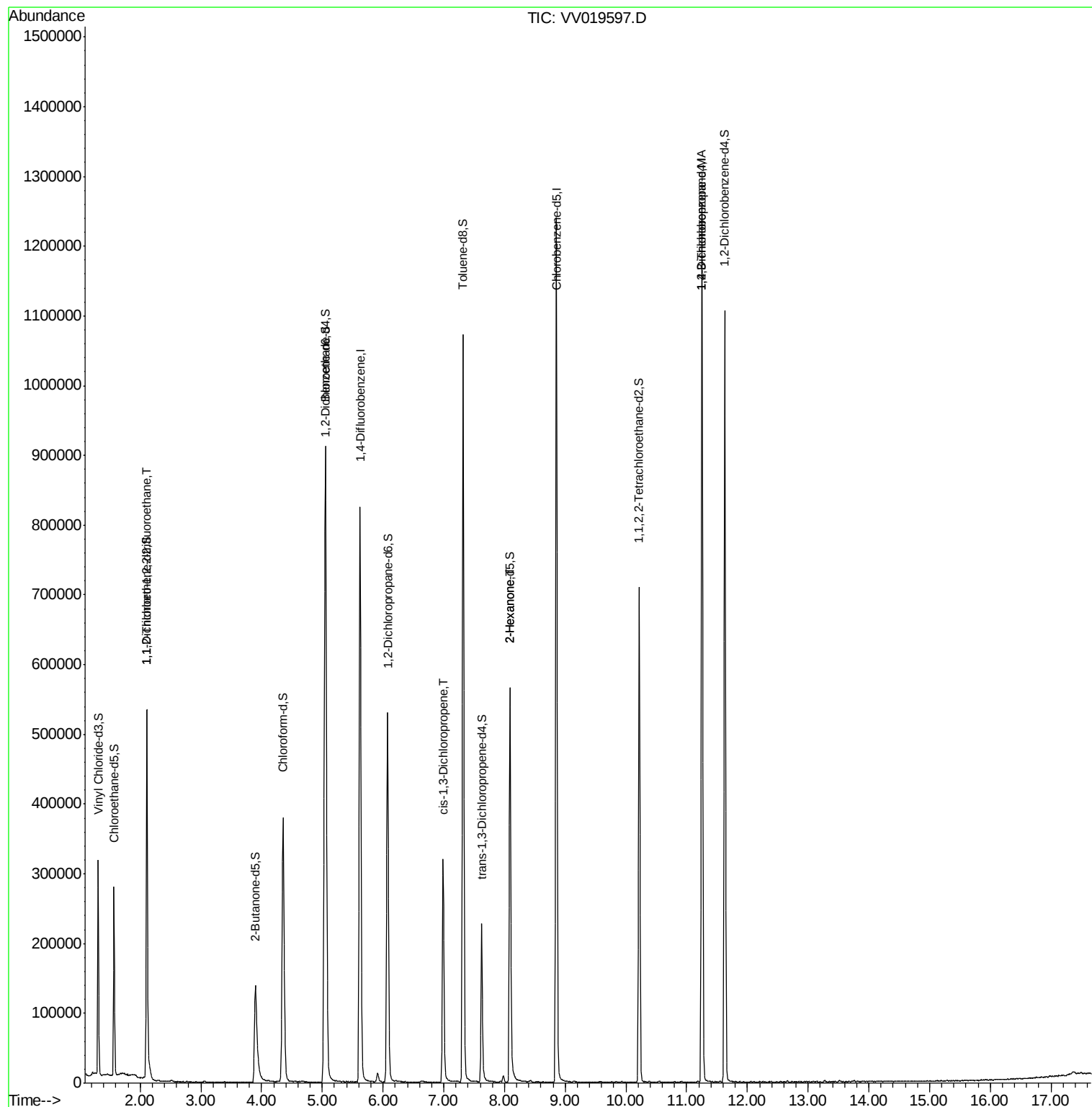
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2640	0.673 ug/L #	23
39) cis-1,3-Dichloropropene	6.99	75	8250	1.033 ug/L #	72
48) 2-Hexanone	8.09	43	24434	4.639 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	39214	6.553 ug/L	89

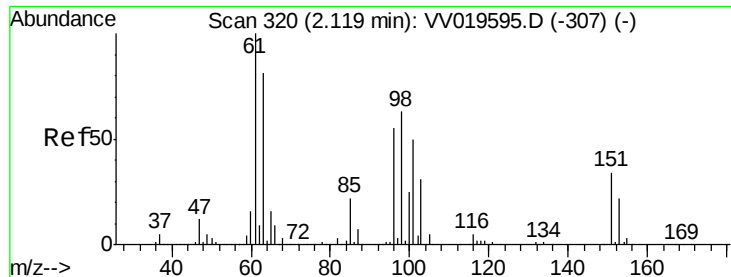
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

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

Concen: 0.673 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019597.D

Acq: 14 Dec 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

VBLK67

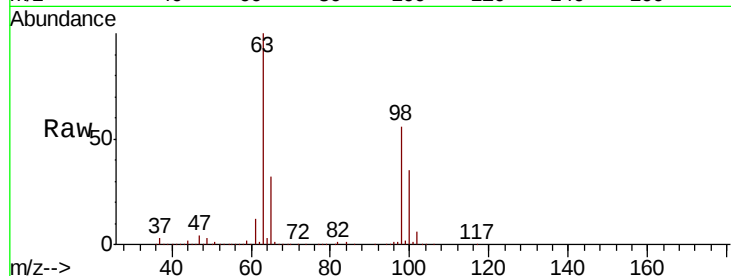
Tot Ion:101 Resp: 2640

Ion Ratio Lower Upper

101 100

85 1.8 35.0 52.4#

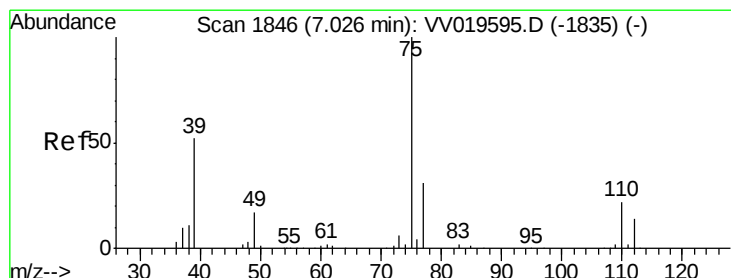
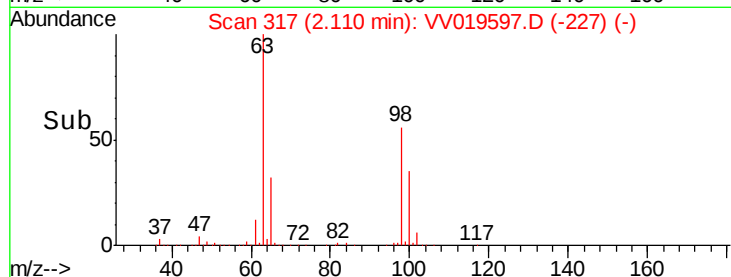
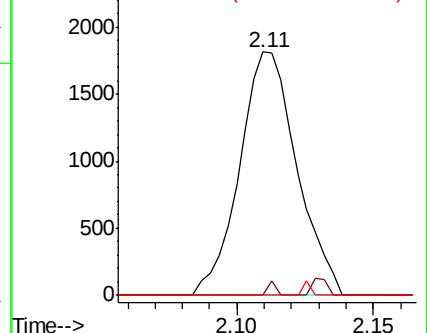
151 0.0 55.8 83.8#



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



#39

cis-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019597.D

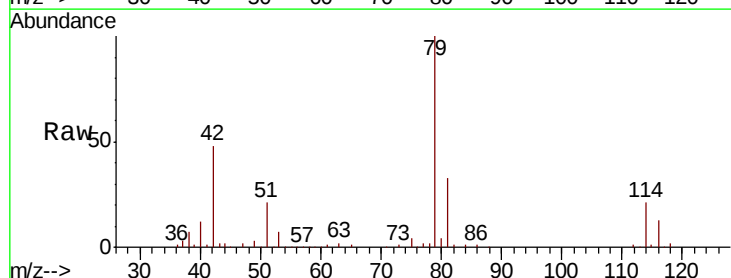
Acq: 14 Dec 2020 11:55

Tgt Ion: 75 Resp: 8250

Ion Ratio Lower Upper

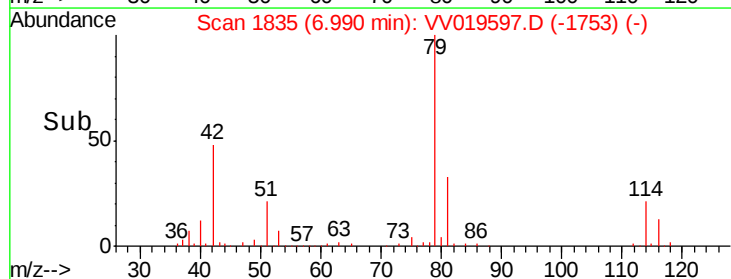
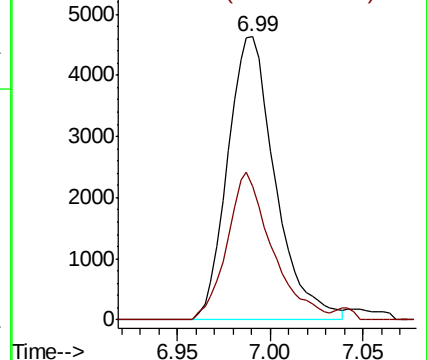
75 100

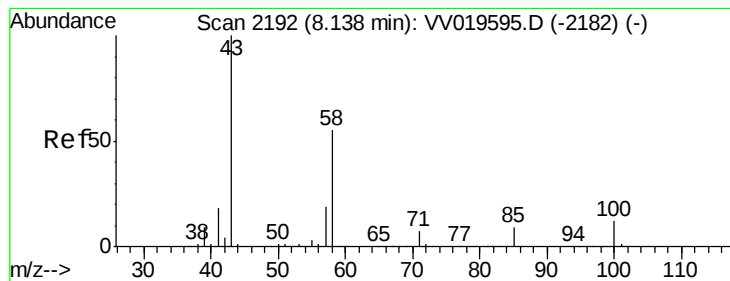
77 47.3 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 4.639 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019597.D

Acq: 14 Dec 2020 11:55

Instrument :

MSVOA_V

ClientSampleId :

VBLK67

Tot Ion: 43 Resp: 24434

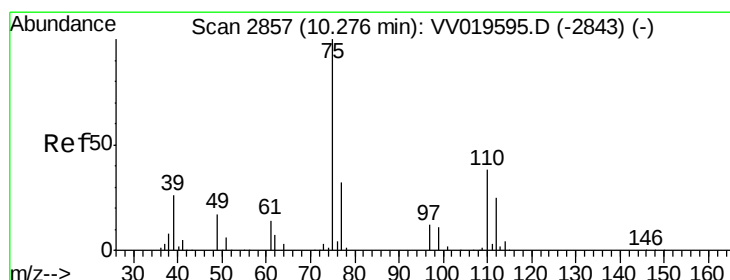
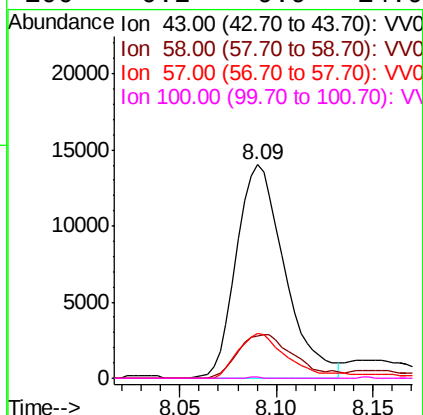
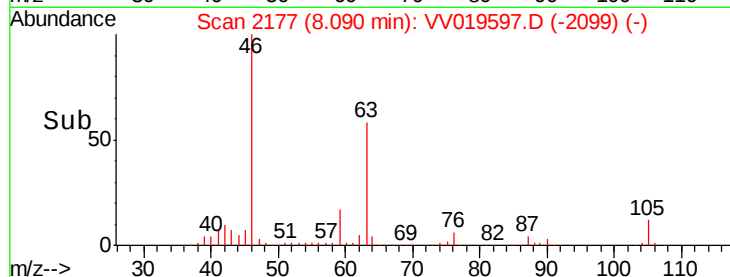
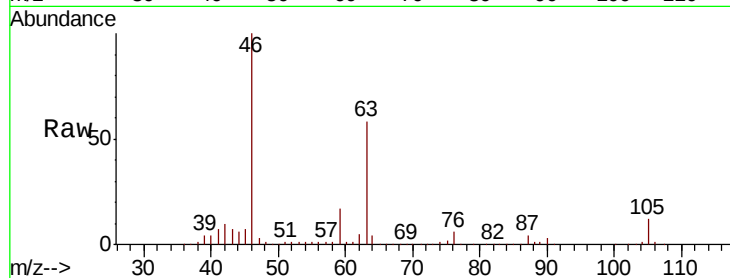
Ion Ratio Lower Upper

43 100

58 23.0 44.4 66.6#

57 22.4 15.7 23.5

100 0.2 9.9 14.9#



#59

1,2,3-Trichloropropane

Concen: 6.553 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019597.D

Acq: 14 Dec 2020 11:55

Tgt Ion: 75 Resp: 39214

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

