

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019761.D
 Acq On : 20 Dec 2020 02:00
 Operator : SY/MD
 Sample : VIBLK69
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK69

Quant Time: Dec 21 06:26:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	671274	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	635792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	285026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	231021	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.98%
7) Chloroethane-d5	1.57	69	193370	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.11	63	331509	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.89	46	364313	139.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.25%#
24) Chloroform-d	4.35	84	436046	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.04	65	310991	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
32) Benzene-d6	5.05	84	868970	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
36) 1,2-Dichloropropane-d6	6.07	67	284868	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.32	98	739743	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.62	79	127024	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.09	63	222257	106.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.61%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	351503	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.63	152	273260	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

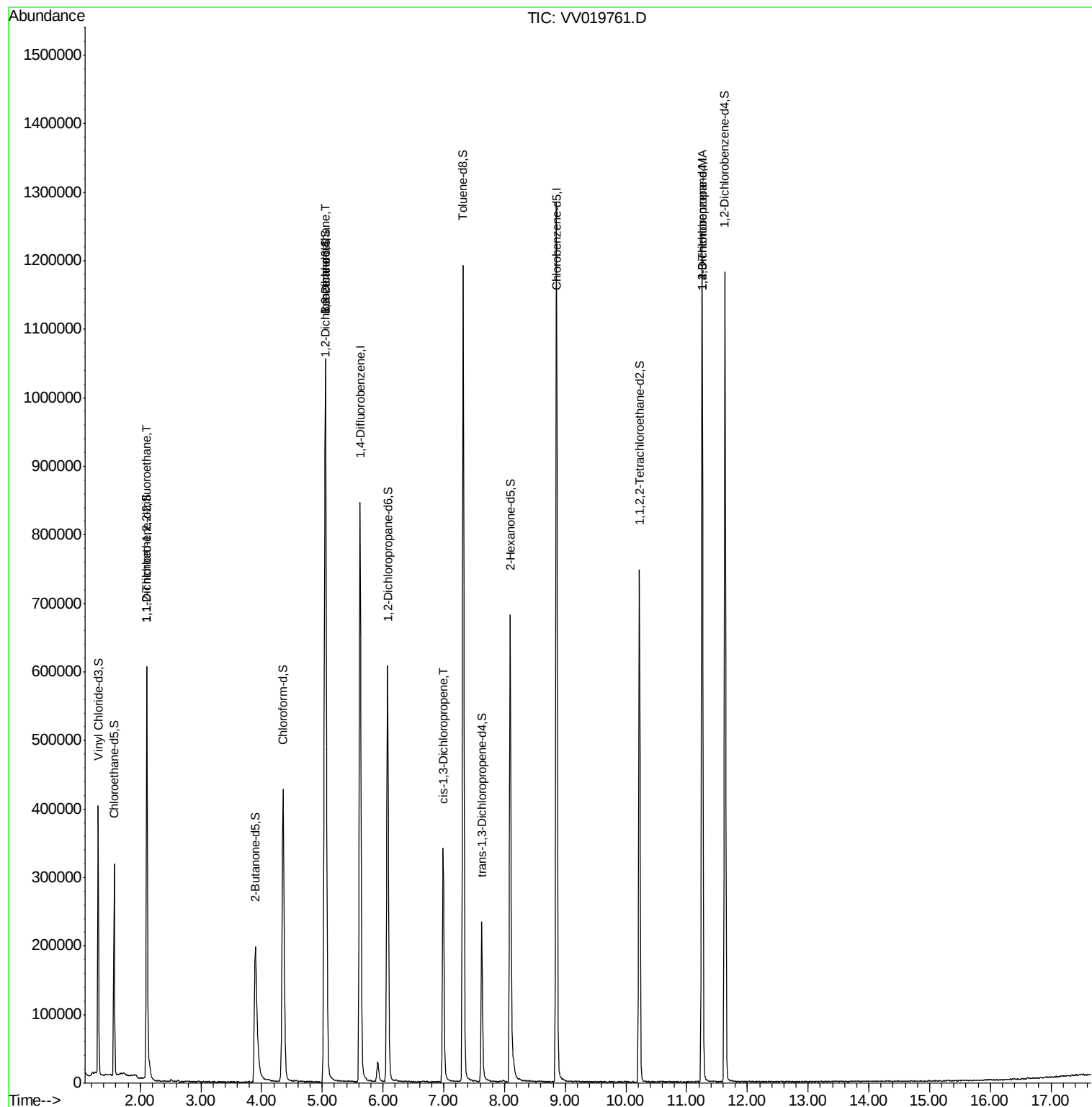
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2639	0.677 ug/L #	22
27) 1,2-Dichloroethane	5.05	62	5936	0.844 ug/L	96
39) cis-1,3-Dichloropropene	6.99	75	8629	1.071 ug/L #	80
59) 1,2,3-Trichloropropane	11.25	75	40668	6.738 ug/L	89

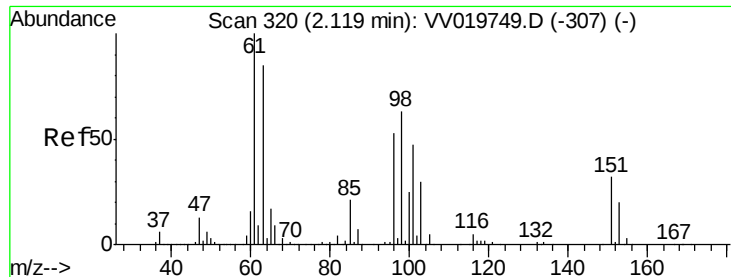
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.677 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019761.D

Acq: 20 Dec 2020 02:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK69

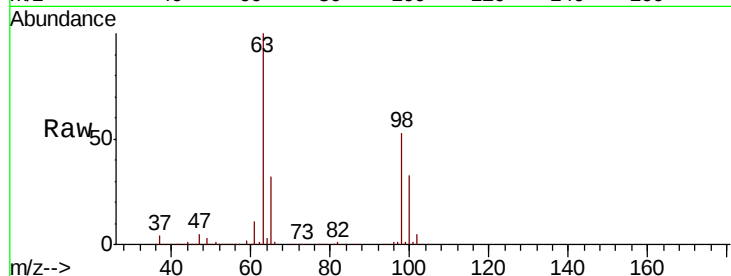
Tot Ion:101 Resp: 2639

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

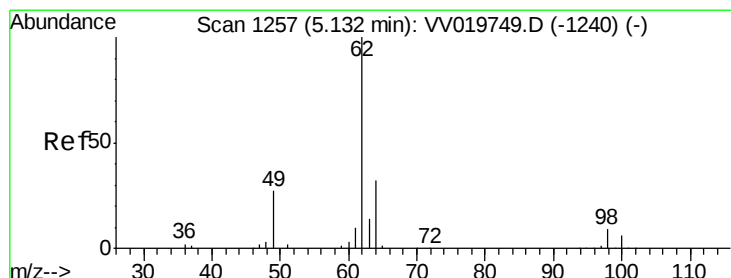
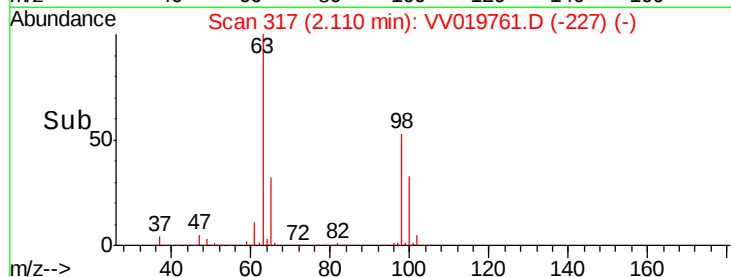
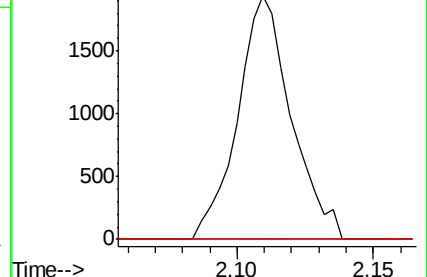
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019749.D (-307) (-)

Ion 85.00 (84.70 to 85.70): VV019749.D (-307) (-)

Ion 151.00 (150.70 to 151.70): VV019749.D (-307) (-)



#27

1,2-Dichloroethane

Concen: 0.844 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019761.D

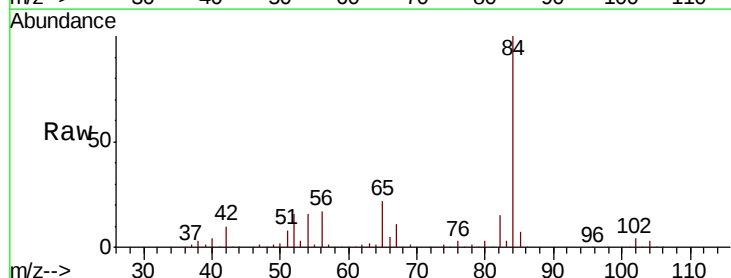
Acq: 20 Dec 2020 02:00

Tgt Ion: 62 Resp: 5936

Ion Ratio Lower Upper

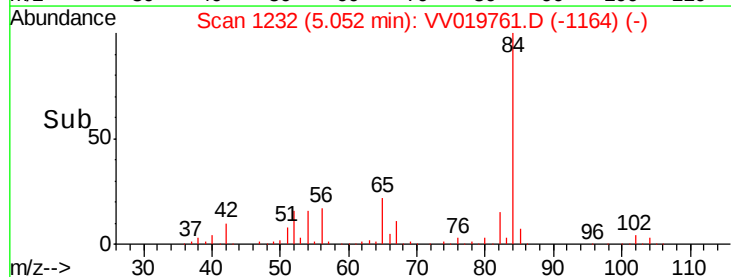
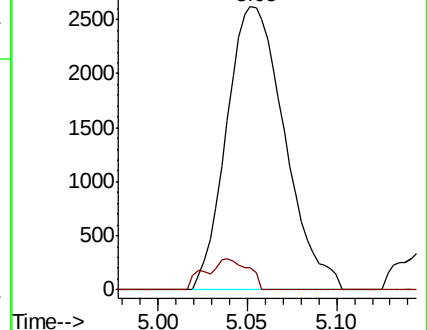
62 100

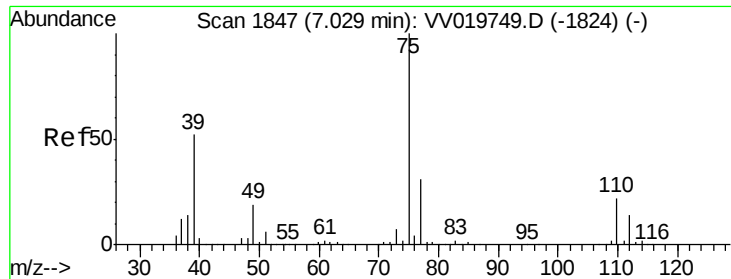
98 7.8 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019749.D (-1240) (-)

Ion 98.00 (97.70 to 98.70): VV019749.D (-1240) (-)

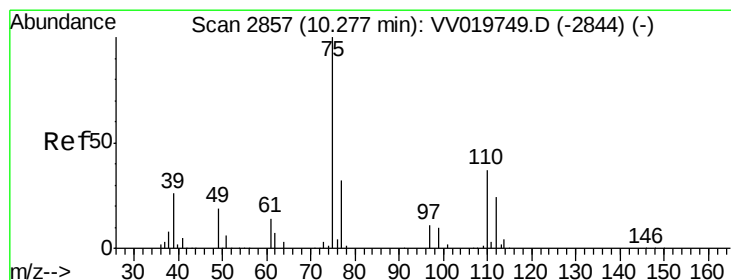
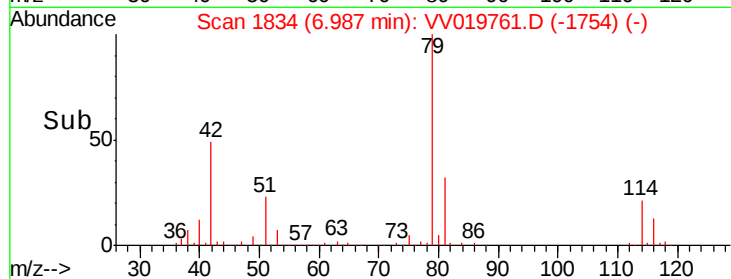
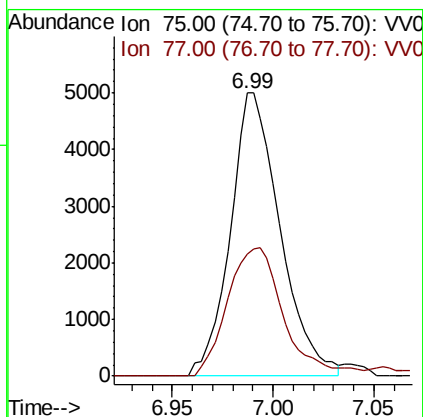
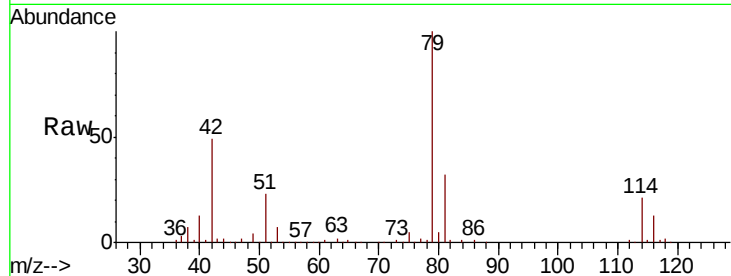




#39
 cis-1,3-Dichloropropene
 Concen: 1.071 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019761.D
 Acq: 20 Dec 2020 02:00

Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK69

Tot Ion: 75 Resp: 8629
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.4 41.6#



#59
 1,2,3-Trichloropropane
 Concen: 6.738 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019761.D
 Acq: 20 Dec 2020 02:00

Tgt Ion: 75 Resp: 40668
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.8

